

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070162.D
 Acq On : 17 Dec 2021 14:16
 Operator : JC/MD
 Sample : VN1217WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	975507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1608168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1473098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	607428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	794078	52.721	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.440%			
35) Dibromofluoromethane	8.021	113	535275	53.138	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.280%			
50) Toluene-d8	10.443	98	2078142	51.379	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.733	95	750121	51.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	166796	14.660	ug/l	98
3) Chloromethane	2.303	50	210226	14.748	ug/l	97
4) Vinyl Chloride	2.443	62	197565	15.073	ug/l	100
5) Bromomethane	2.850	94	111423	15.648	ug/l	99
6) Chloroethane	3.017	64	121903	15.178	ug/l	99
7) Trichlorofluoromethane	3.371	101	259728	15.099	ug/l	97
8) Diethyl Ether	3.821	74	116547	17.591	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.199	101	163139	16.918	ug/l	96
10) Methyl Iodide	4.417	142	204630	15.534	ug/l	99
11) Tert butyl alcohol	5.393	59	253575	89.066	ug/l	100
12) 1,1-Dichloroethene	4.175	96	151958	16.353	ug/l	87
13) Acrolein	4.038	56	243673	100.504	ug/l	100
14) Allyl chloride	4.838	41	359358	17.163	ug/l #	90
15) Acrylonitrile	5.556	53	698414	91.037	ug/l	100
16) Acetone	4.291	43	752083	83.008	ug/l	98
17) Carbon Disulfide	4.524	76	328270	13.674	ug/l	99
18) Methyl Acetate	4.859	43	487839	17.838	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	658210	18.218	ug/l	96
20) Methylene Chloride	5.092	84	203421	16.889	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	161186	15.971	ug/l	86
22) Diisopropyl ether	6.500	45	772859	18.885	ug/l	96
23) Vinyl Acetate	6.436	43	3003635	90.212	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	376797	17.774	ug/l	98
25) 2-Butanone	7.340	43	1114201	90.509	ug/l	91
26) 2,2-Dichloropropane	7.327	77	293765	17.822	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	207093	16.983	ug/l	84
28) Bromochloromethane	7.659	49	193851	17.584	ug/l #	77
29) Tetrahydrofuran	7.689	42	696473	93.171	ug/l	87
30) Chloroform	7.820	83	377523	17.633	ug/l	99
31) Cyclohexane	8.094	56	345932	16.504	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	310174	17.007	ug/l	96
36) 1,1-Dichloropropene	8.222	75	259218	16.932	ug/l	95
37) Ethyl Acetate	7.415	43	399510	17.533	ug/l	96
38) Carbon Tetrachloride	8.206	117	244884	16.312	ug/l	98
39) Methylcyclohexane	9.461	83	292007	16.036	ug/l	89
40) Benzene	8.458	78	806805	17.241	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070162.D
 Acq On : 17 Dec 2021 14:16
 Operator : JC/MD
 Sample : VN1217WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS02

Quant Time: Dec 18 05:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	211202	19.745	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	326728	17.296	ug/l	97
43) Isopropyl Acetate	8.563	43	607432	18.014	ug/l #	94
44) Trichloroethene	9.217	130	188672	16.893	ug/l	93
45) 1,2-Dichloropropane	9.491	63	226182	17.999	ug/l	97
46) Dibromomethane	9.577	93	142639	17.308	ug/l	93
47) Bromodichloromethane	9.762	83	271491	17.399	ug/l	100
48) Methyl methacrylate	9.561	41	280397	17.819	ug/l	87
49) 1,4-Dioxane	9.571	88	103089	365.107	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	2094282	95.740	ug/l	95
52) Toluene	10.505	92	493041	17.258	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	285049	17.132	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	313970	17.300	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	206750	17.936	ug/l	97
56) Ethyl methacrylate	10.762	69	341170	17.250	ug/l #	87
57) 1,3-Dichloropropane	11.046	76	364088	17.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	817213	147.293	ug/l	91
59) 2-Hexanone	11.087	43	1555146	93.981	ug/l	93
60) Dibromochloromethane	11.240	129	182959	16.486	ug/l	99
61) 1,2-Dibromoethane	11.347	107	202709	16.978	ug/l	99
64) Tetrachloroethene	10.979	164	176902	17.710	ug/l	95
65) Chlorobenzene	11.771	112	517048	17.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	185688	17.653	ug/l	99
67) Ethyl Benzene	11.846	91	953609	17.567	ug/l	94
68) m/p-Xylenes	11.953	106	695282	35.176	ug/l	92
69) o-Xylene	12.280	106	350037	17.582	ug/l	92
70) Styrene	12.296	104	562300	17.811	ug/l	95
71) Bromoform	12.457	173	129289	16.317	ug/l #	99
73) Isopropylbenzene	12.578	105	921692	17.054	ug/l	98
74) N-amyl acetate	12.387	43	432429	18.093	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	325864	17.437	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	311467m	17.880	ug/l	
77) Bromobenzene	12.862	156	213187	16.794	ug/l	75
78) n-propylbenzene	12.921	91	1036602	17.237	ug/l	96
79) 2-Chlorotoluene	13.007	91	650148	17.109	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	744536	17.116	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	77507	17.440	ug/l	86
82) 4-Chlorotoluene	13.106	91	611152	17.102	ug/l	93
83) tert-Butylbenzene	13.323	119	653945	16.978	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	717302	17.315	ug/l	97
85) sec-Butylbenzene	13.503	105	898985	17.207	ug/l	97
86) p-Isopropyltoluene	13.616	119	711330	17.418	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	359012	17.215	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	348021	16.981	ug/l	95
89) n-Butylbenzene	13.943	91	567725	17.138	ug/l	98
90) Hexachloroethane	14.211	117	107569	15.003	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	355725	17.506	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	59042	17.483	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	170301	18.983	ug/l	98
94) Hexachlorobutadiene	15.370	225	101419	18.833	ug/l	98
95) Naphthalene	15.507	128	592564	22.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	172760	19.356	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070162.D
Acq On : 17 Dec 2021 14:16
Operator : JC/MD
Sample : VN1217WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02

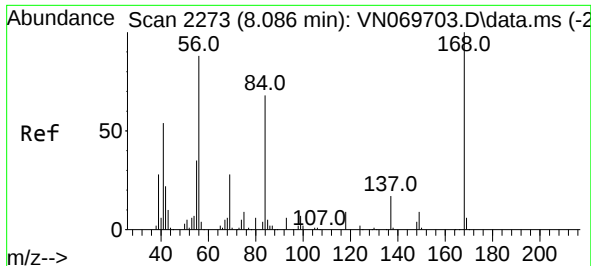
Manual Integrations
APPROVED

Reviewed By : John Carlone 12/18/2021
Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:45:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

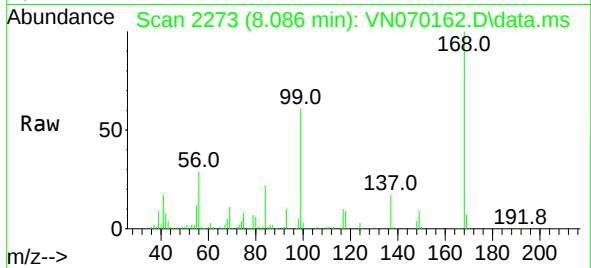
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

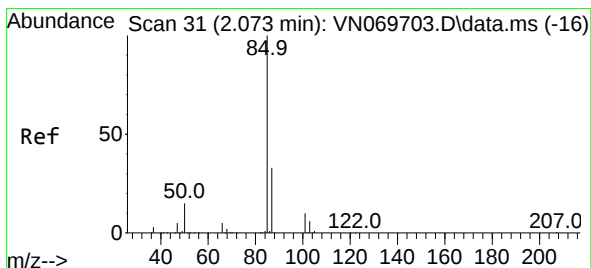
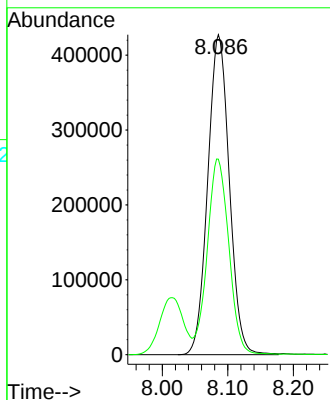
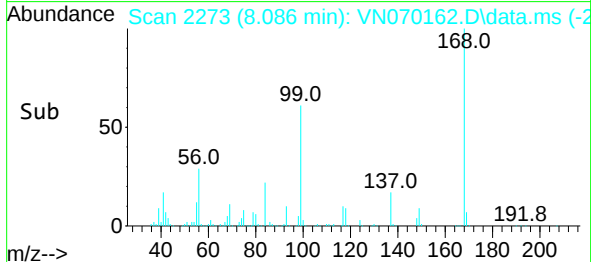
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion:168 Resp: 97550
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

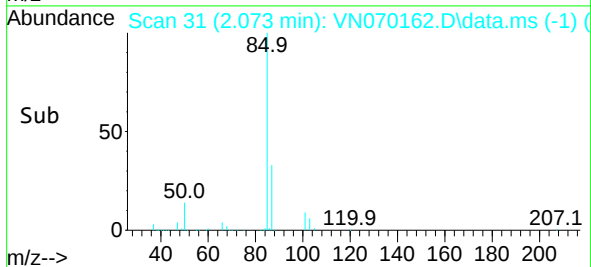
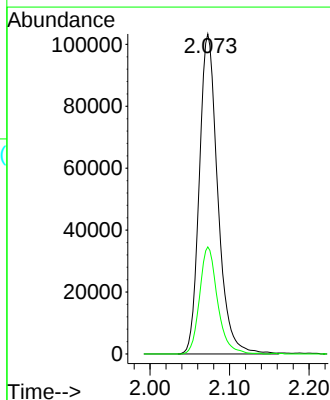
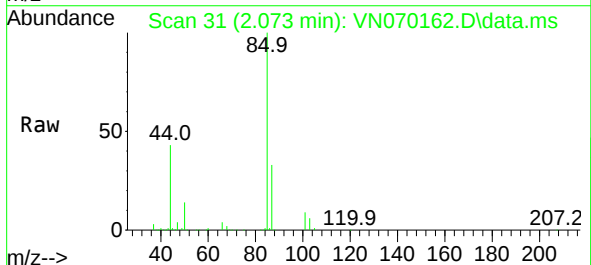
Manual Integrations
APPROVED

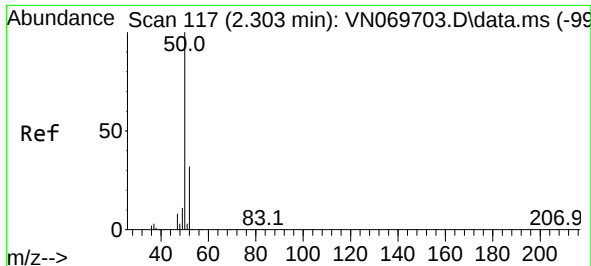
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#2
Dichlorodifluoromethane
Concen: 14.660 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

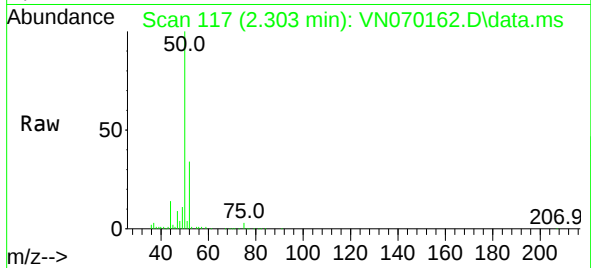
Tgt Ion: 85 Resp: 166796
Ion Ratio Lower Upper
85 100
87 33.5 16.3 48.9





#3
Chloromethane
Concen: 14.748 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

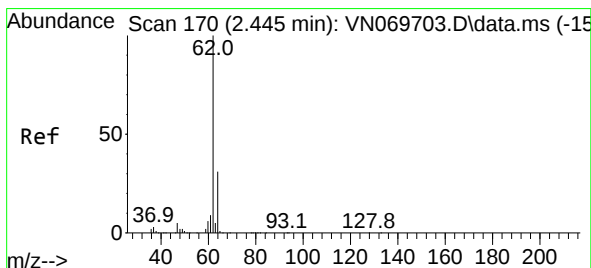
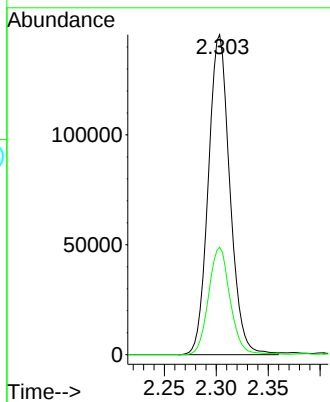
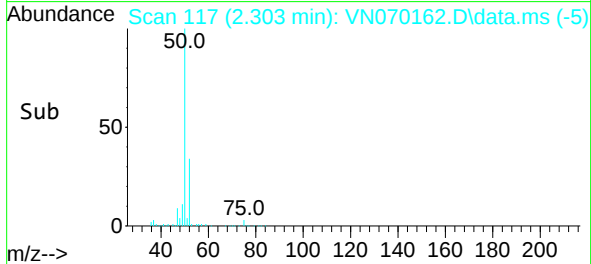
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



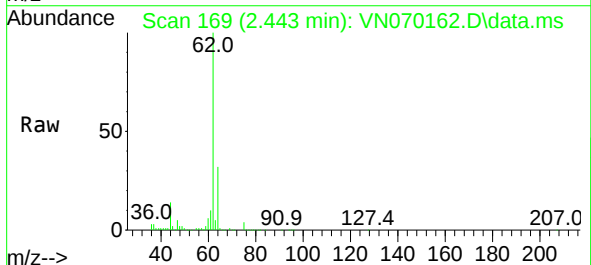
Tgt Ion: 50 Resp: 210220
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0

Manual Integrations
APPROVED

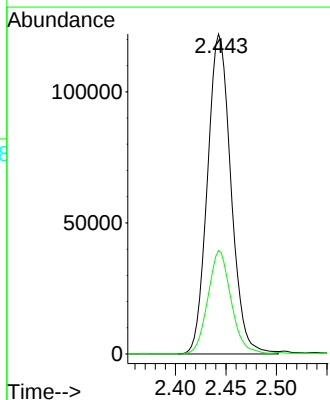
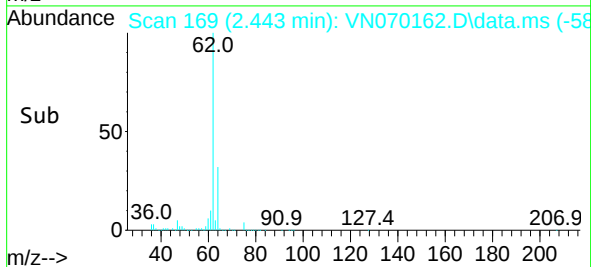
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

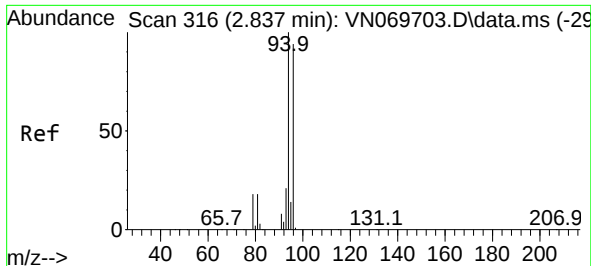


#4
Vinyl Chloride
Concen: 15.073 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



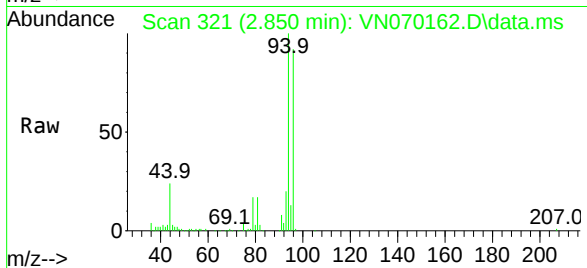
Tgt Ion: 62 Resp: 197565
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





#5
Bromomethane
Concen: 15.648 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.013 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

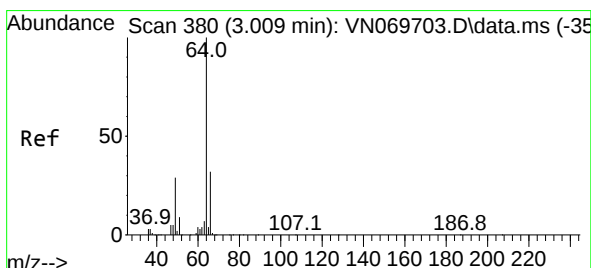
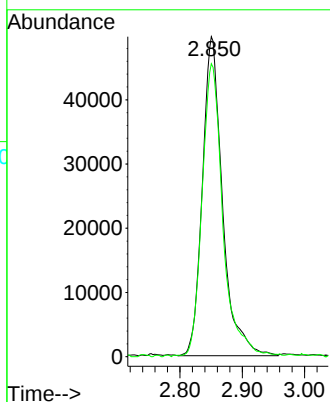
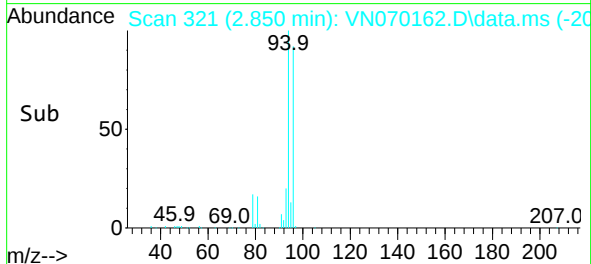
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 94 Resp: 11142
Ion Ratio Lower Upper
94 100
96 91.4 73.8 110.8

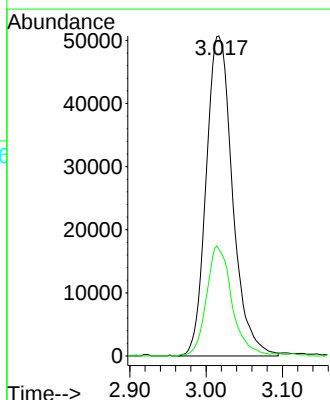
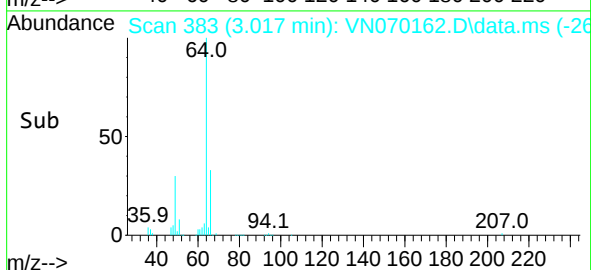
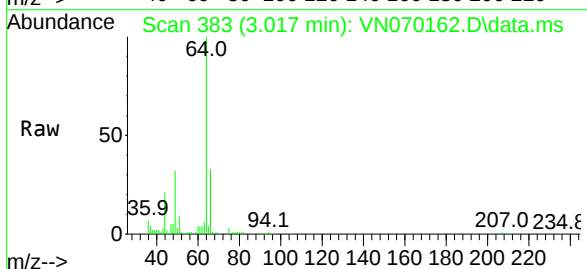
Manual Integrations
APPROVED

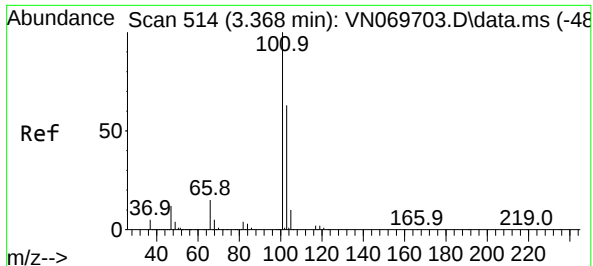
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#6
Chloroethane
Concen: 15.178 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

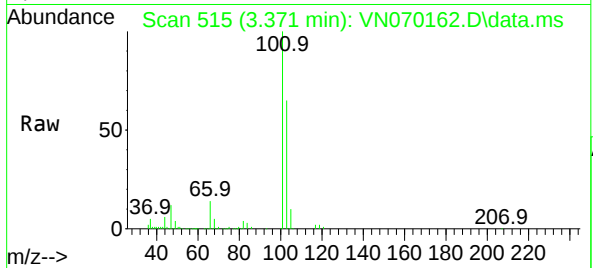
Tgt Ion: 64 Resp: 121903
Ion Ratio Lower Upper
64 100
66 33.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 15.099 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

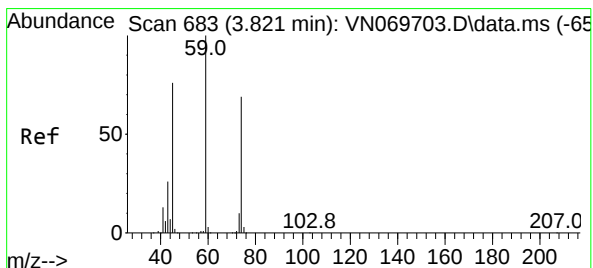
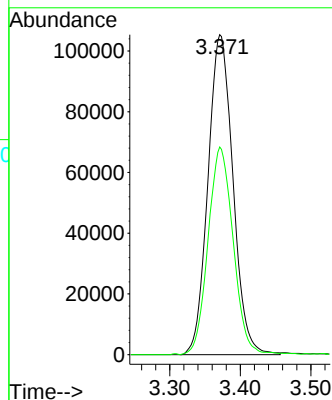
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion:101 Resp: 259728
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

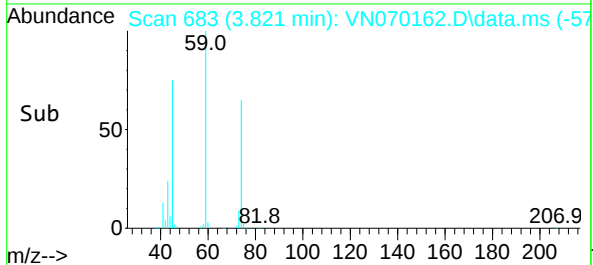
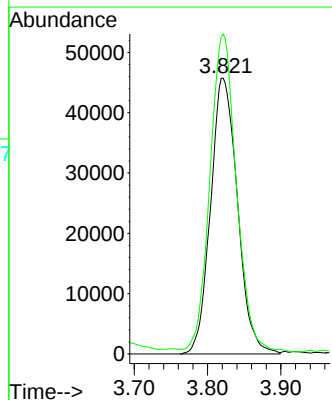
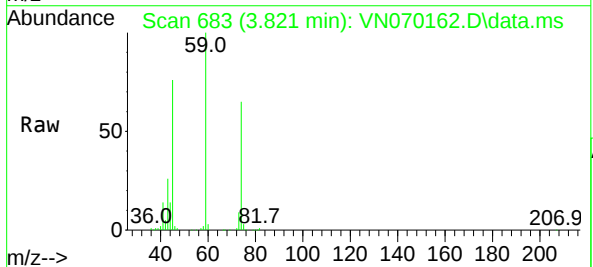
Manual Integrations
APPROVED

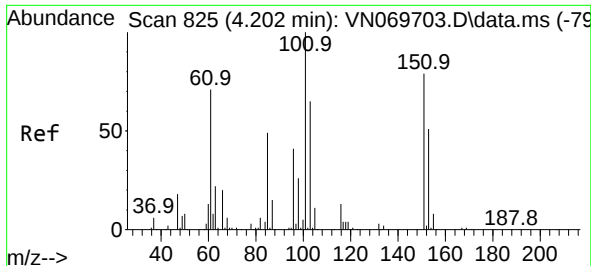
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#8
Diethyl Ether
Concen: 17.591 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Tgt Ion: 74 Resp: 116547
Ion Ratio Lower Upper
74 100
45 110.9 47.0 141.2





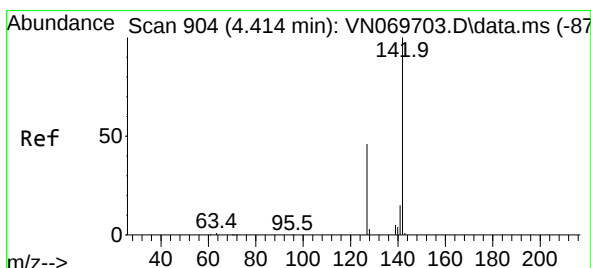
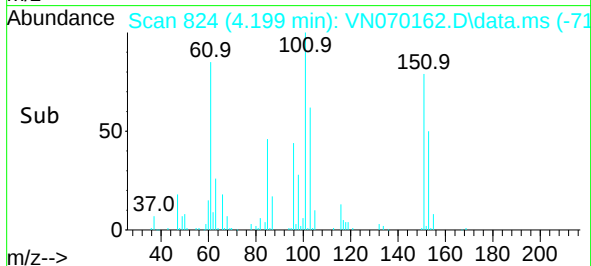
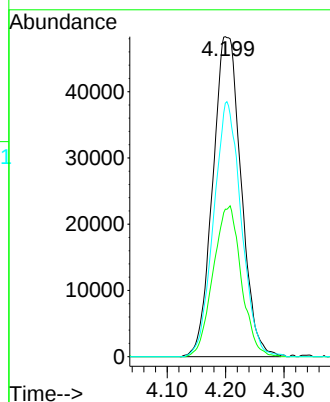
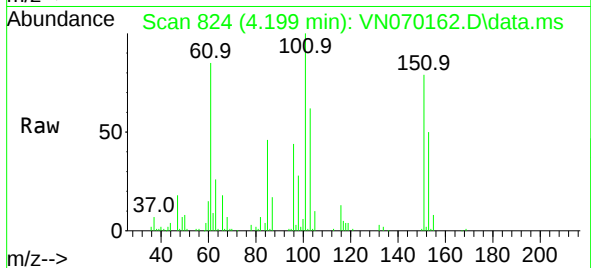
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.918 ug/l
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Instrument :
MSVOA_N
Client SampleId :
VN1217WBS02

Tgt Ion:101 Resp: 163139
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 77.6 65.9 98.9

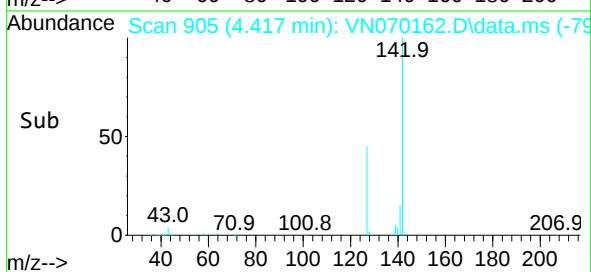
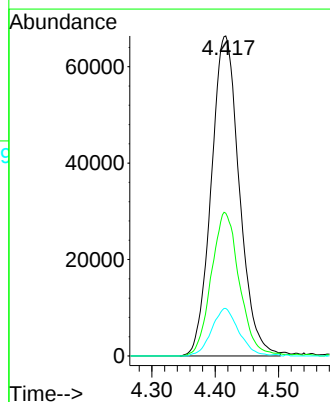
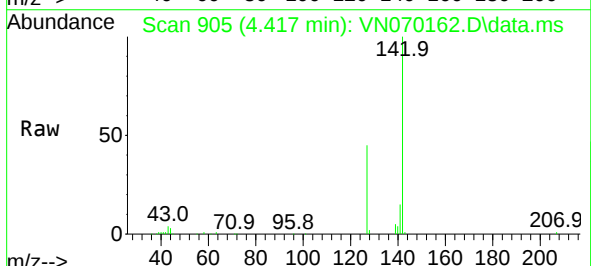
Manual Integrations
APPROVED

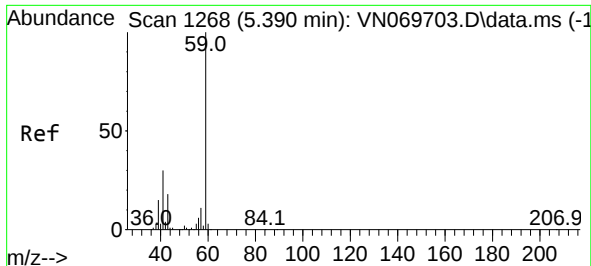
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 15.534 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

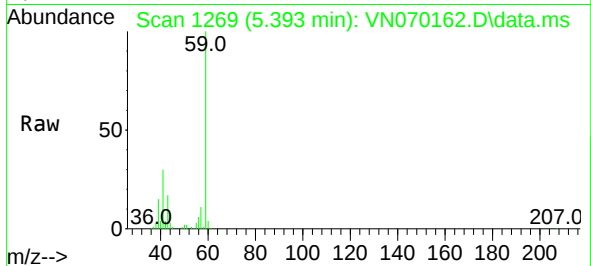
Tgt Ion:142 Resp: 204630
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 89.066 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

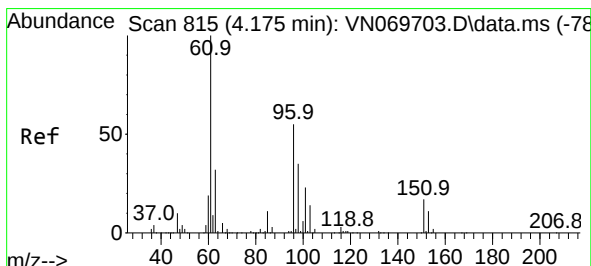
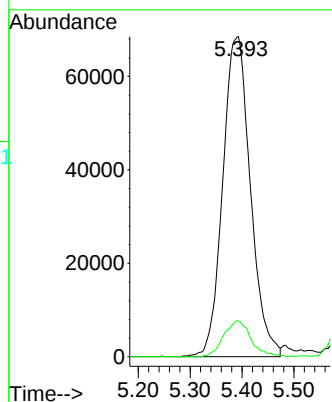
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



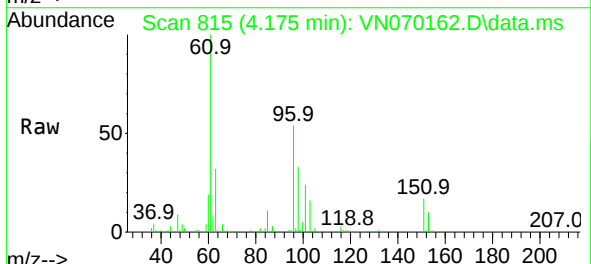
Tgt Ion: 59 Resp: 25357
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
APPROVED

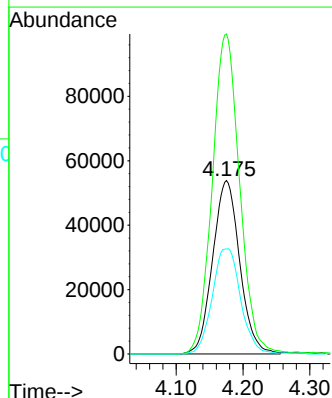
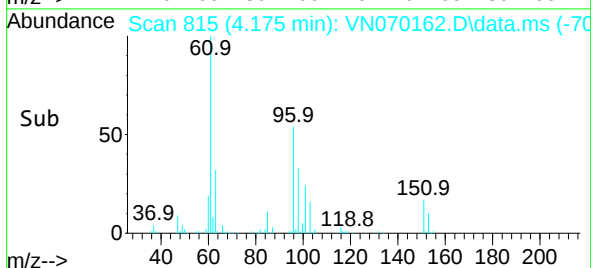
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

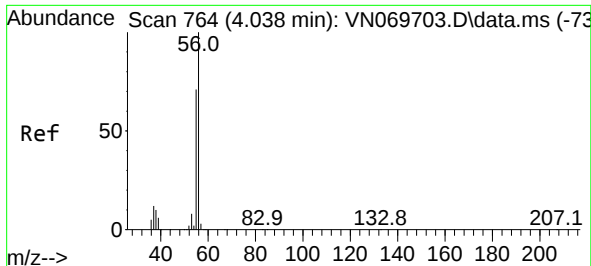


#12
1,1-Dichloroethene
Concen: 16.353 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



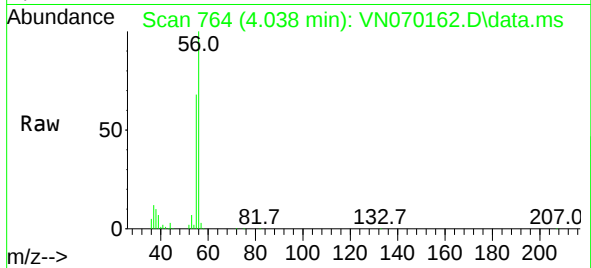
Tgt Ion: 96 Resp: 151958
Ion Ratio Lower Upper
96 100
61 184.5 131.0 196.6
98 60.6 52.4 78.6





#13
Acrolein
Concen: 100.504 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

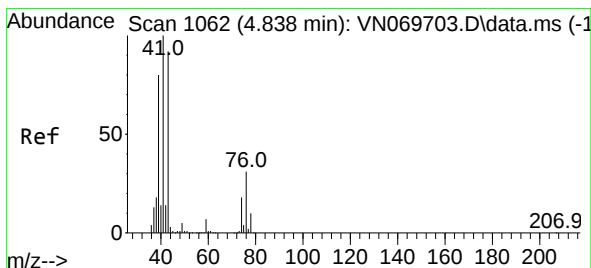
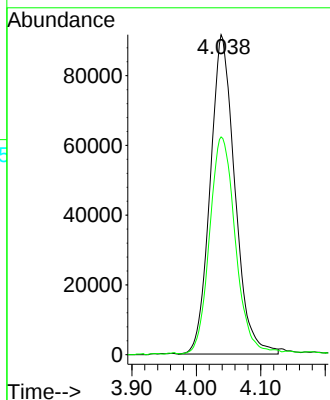
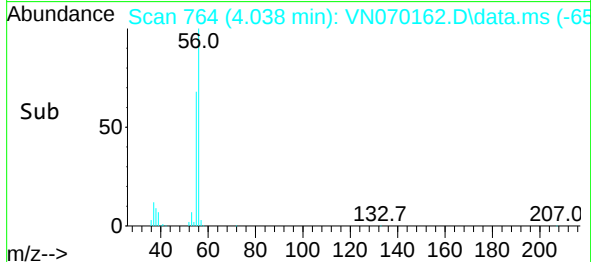
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



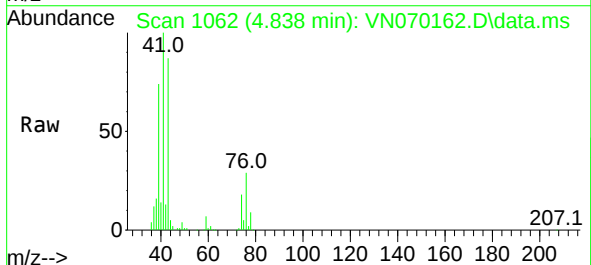
Tgt Ion: 56 Resp: 24367
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

Manual Integrations
APPROVED

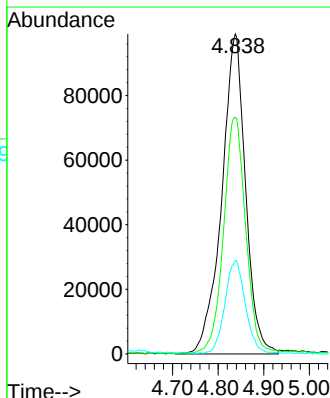
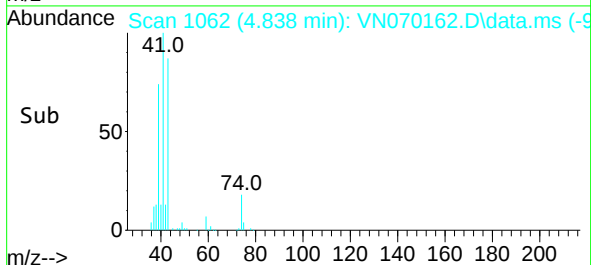
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

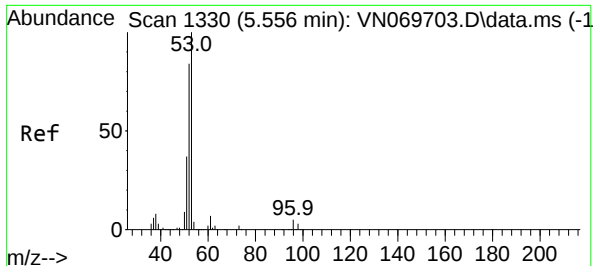


#14
Allyl chloride
Concen: 17.163 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



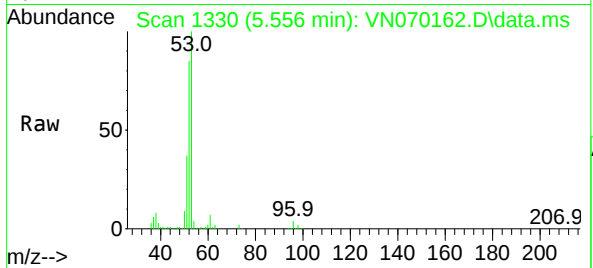
Tgt Ion: 41 Resp: 359358
Ion Ratio Lower Upper
41 100
39 69.0 61.2 91.8
76 24.7 26.0 39.0





#15
Acrylonitrile
Concen: 91.037 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

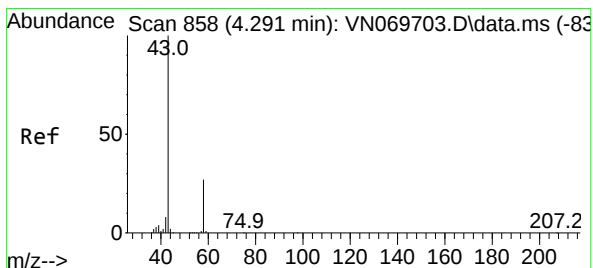
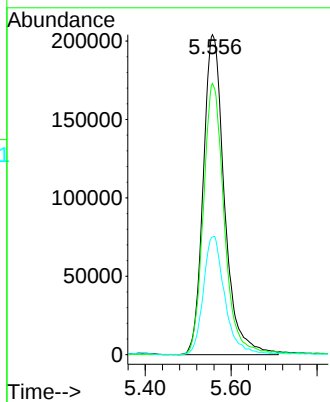
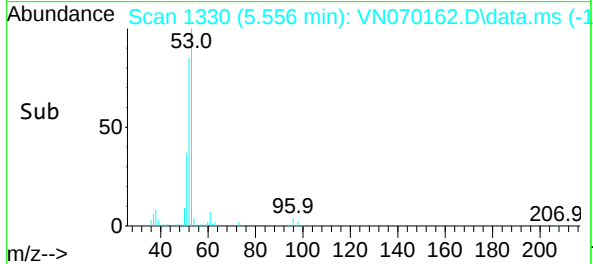
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 53 Resp: 698414
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 37.2 29.6 44.4

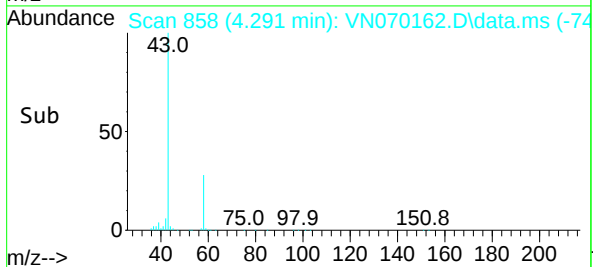
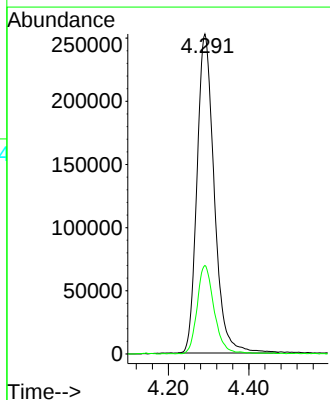
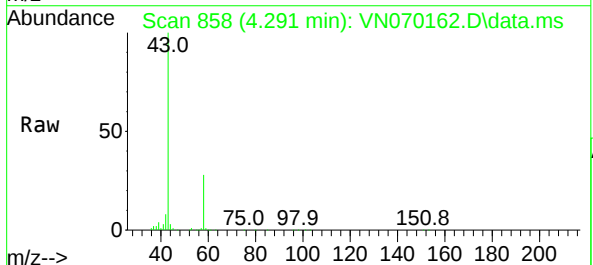
Manual Integrations
APPROVED

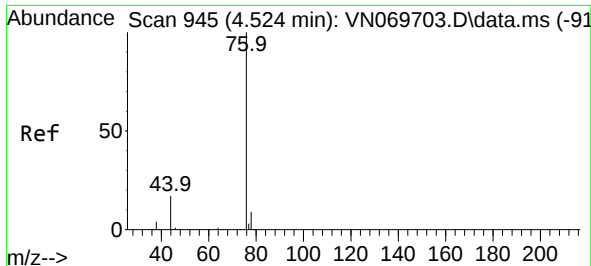
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 83.008 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

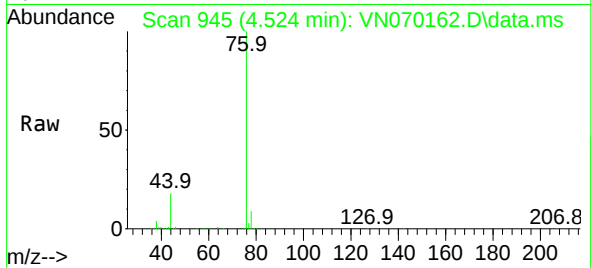
Tgt Ion: 43 Resp: 752083
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#17
Carbon Disulfide
Concen: 13.674 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

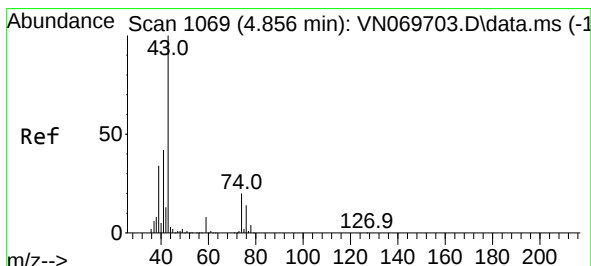
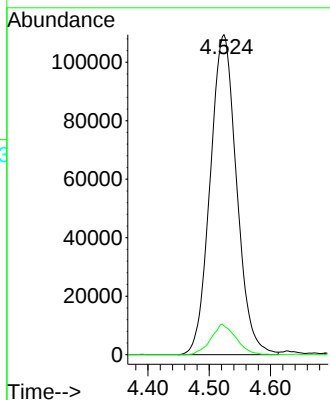
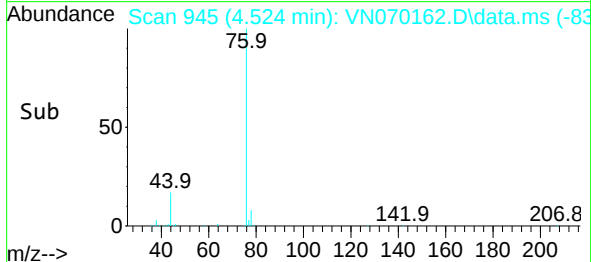
Instrument :
MSVOA_N
Client Sample Id :
VN1217WBS02



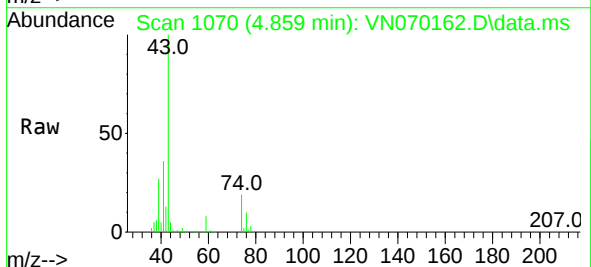
Tgt Ion: 76 Resp: 328270
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

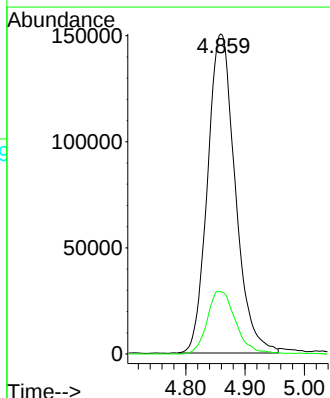
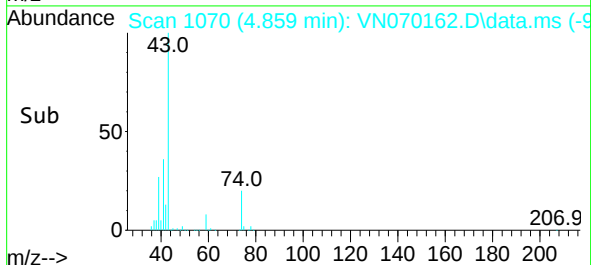
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

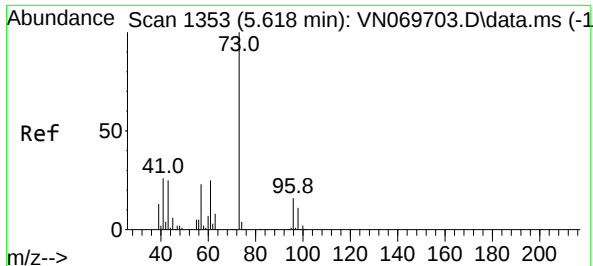


#18
Methyl Acetate
Concen: 17.838 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



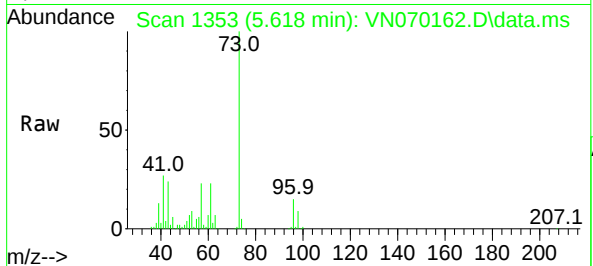
Tgt Ion: 43 Resp: 487839
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.218 ug/l
RT: 5.618 min Scan# 11353
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

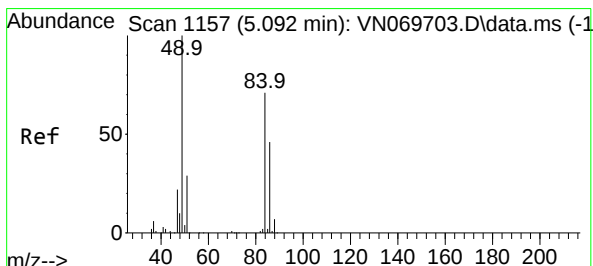
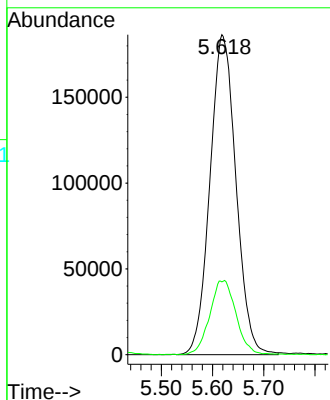
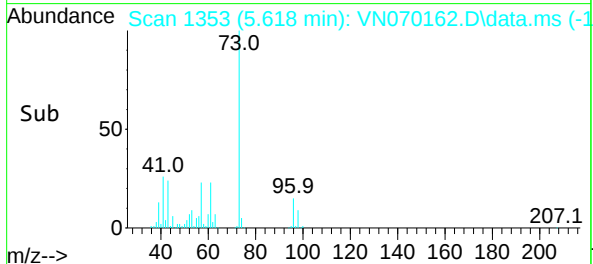
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 73 Resp: 658210
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

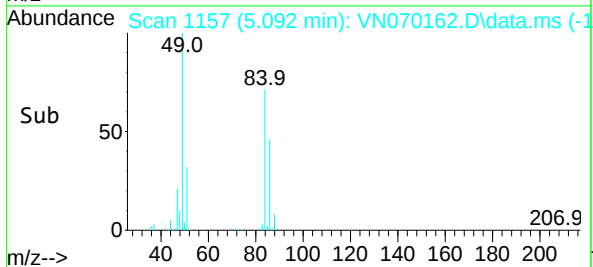
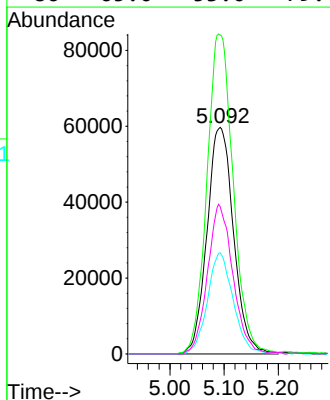
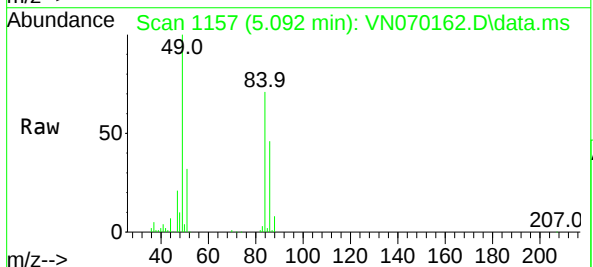
Manual Integrations
APPROVED

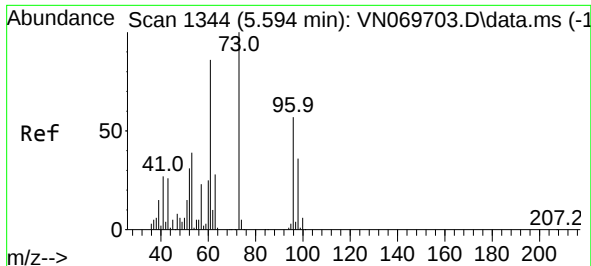
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 16.889 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

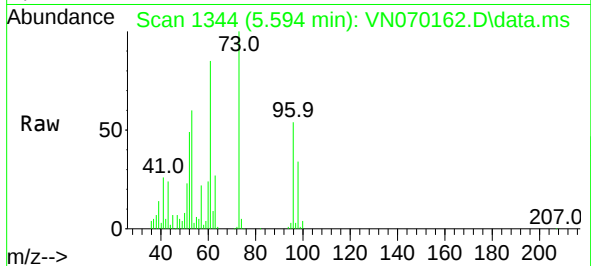
Tgt Ion: 84 Resp: 203421
Ion Ratio Lower Upper
84 100
49 140.6 93.5 140.3#
51 44.7 29.4 44.2#
86 65.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.971 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

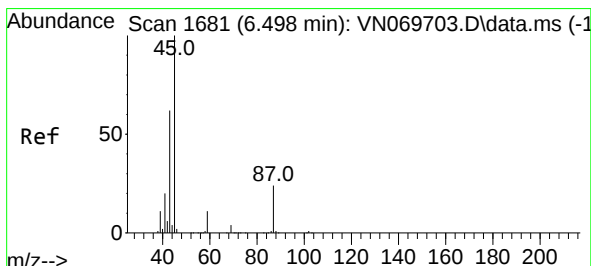
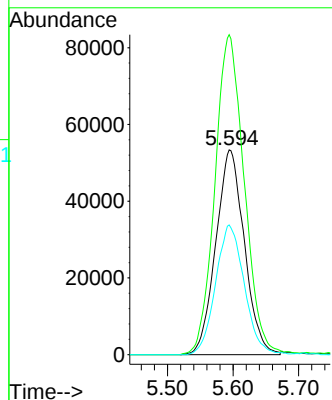
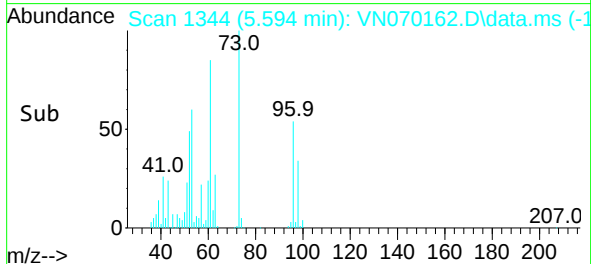
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



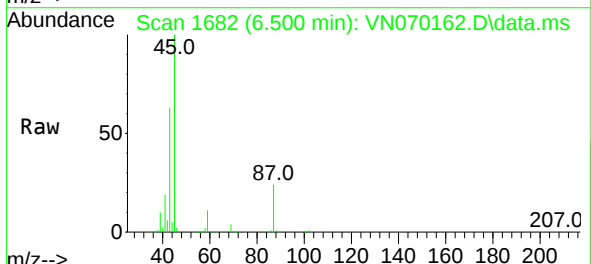
Tgt Ion: 96 Resp: 161180
Ion Ratio Lower Upper
96 100
61 156.3 105.8 158.6
98 63.4 52.0 78.0

Manual Integrations
APPROVED

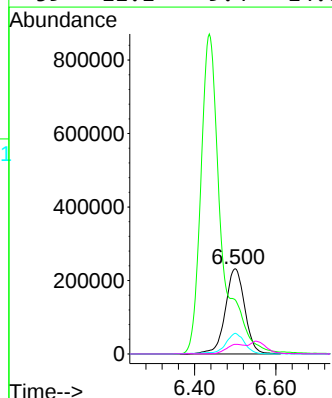
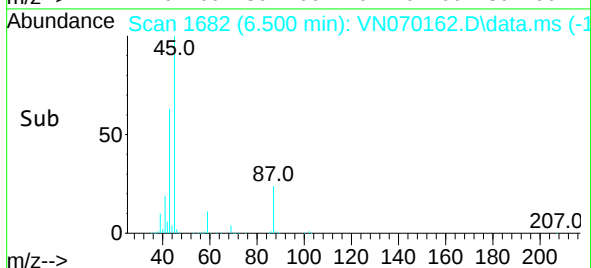
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

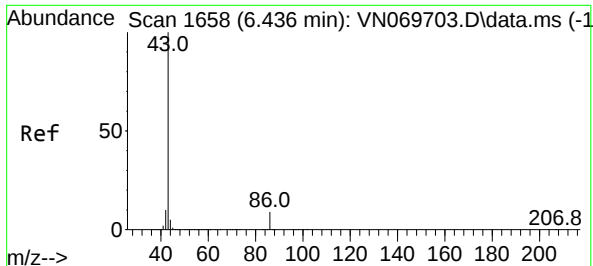


#22
Diisopropyl ether
Concen: 18.885 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



Tgt Ion: 45 Resp: 772859
Ion Ratio Lower Upper
45 100
43 62.8 51.7 77.5
87 24.2 23.2 34.8
59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 90.212 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN070162.D

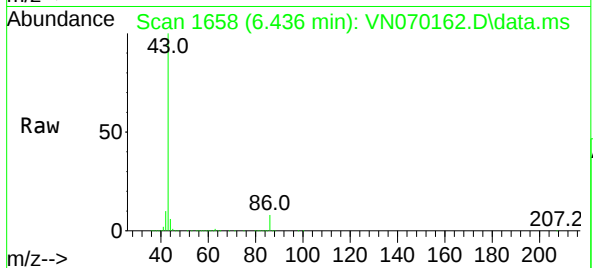
Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02



Tgt Ion: 43 Resp: 300363

Ion Ratio Lower Upper

43 100

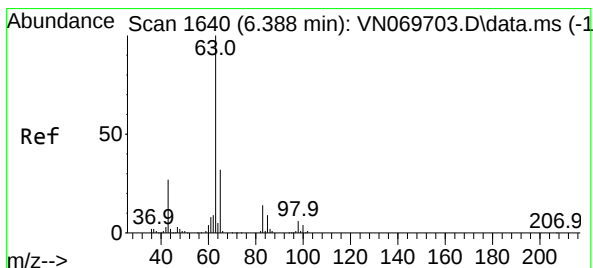
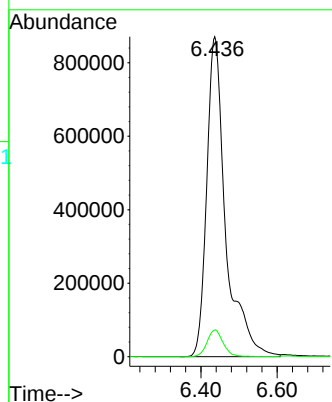
86 8.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#24

1,1-Dichloroethane

Concen: 17.774 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.003 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

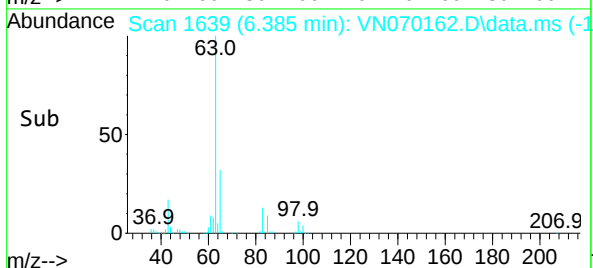
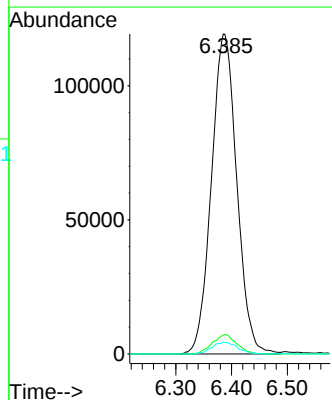
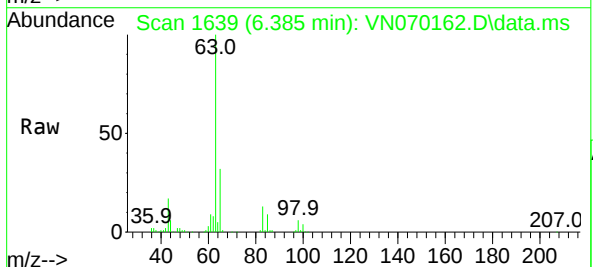
Tgt Ion: 63 Resp: 376797

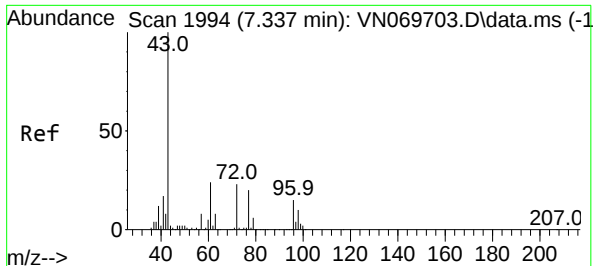
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.5 2.1 6.5





#25

2-Butanone

Concen: 90.509 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02

Tgt Ion: 43 Resp: 111420

Ion Ratio Lower Upper

43 100

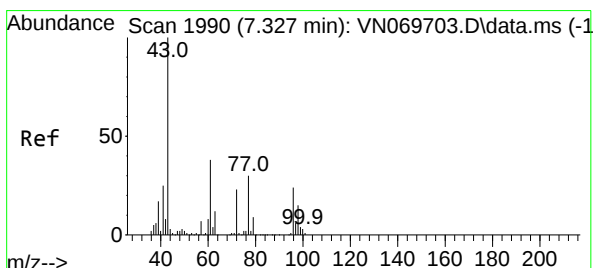
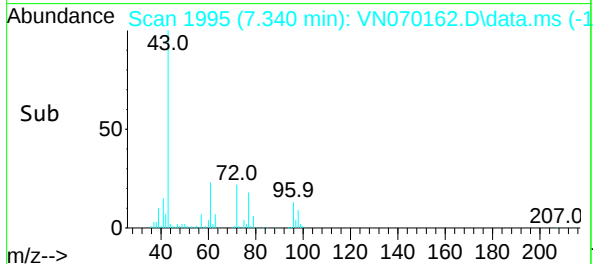
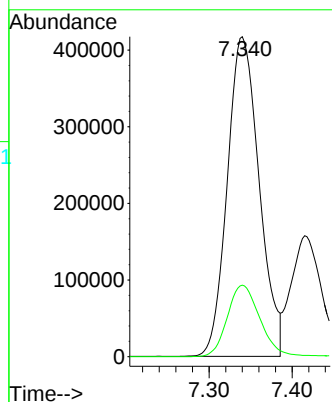
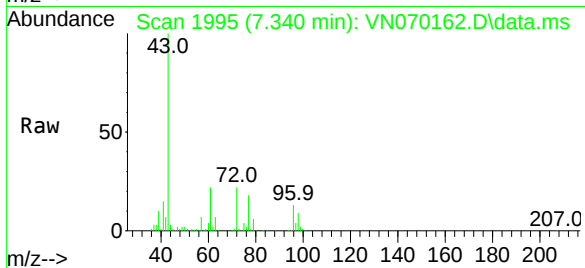
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 17.822 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070162.D

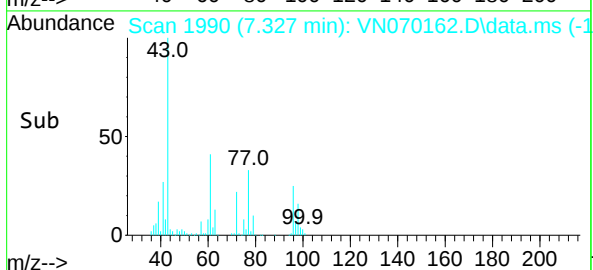
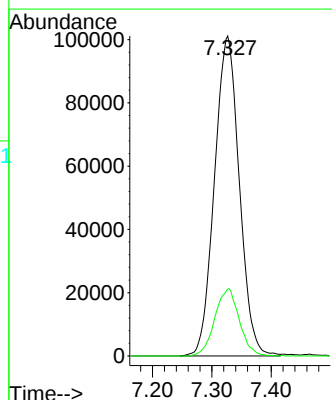
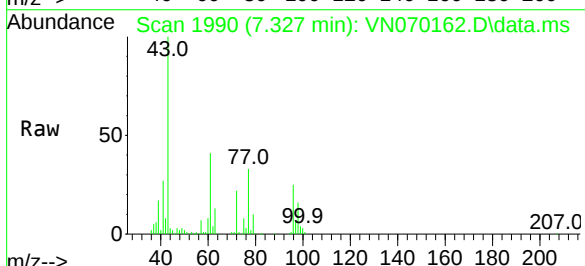
Acq: 17 Dec 2021 14:16

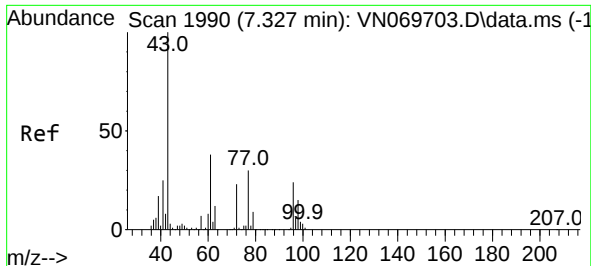
Tgt Ion: 77 Resp: 293765

Ion Ratio Lower Upper

77 100

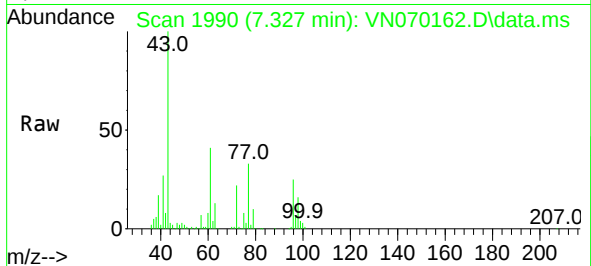
97 20.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 16.983 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070162.D
 Acq: 17 Dec 2021 14:16

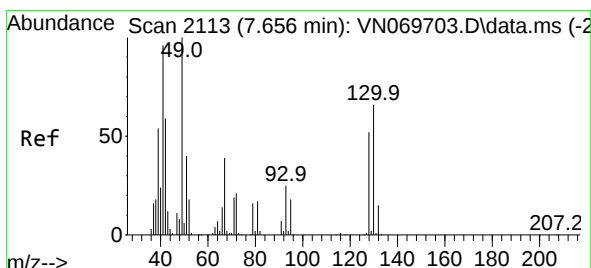
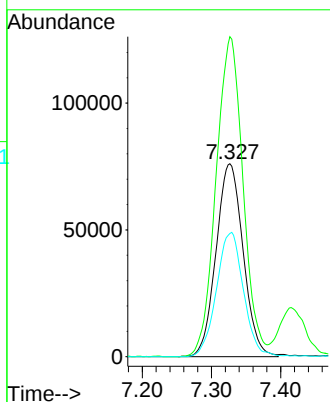
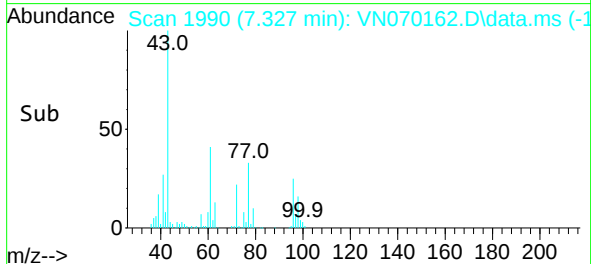
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS02



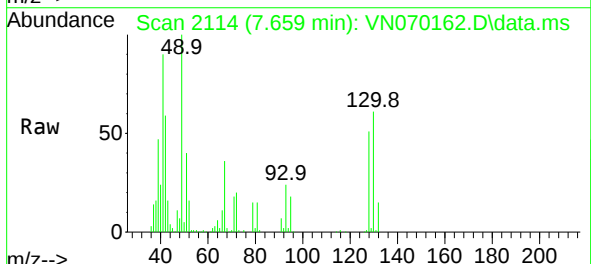
Tgt Ion: 96 Resp: 207093
 Ion Ratio Lower Upper
 96 100
 61 164.7 0.0 275.0
 98 64.3 0.0 129.6

Manual Integrations
 APPROVED

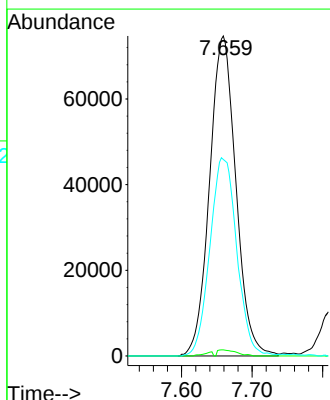
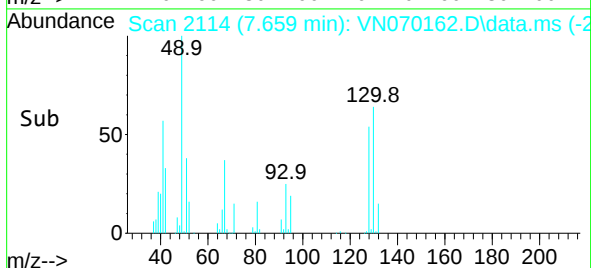
Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021

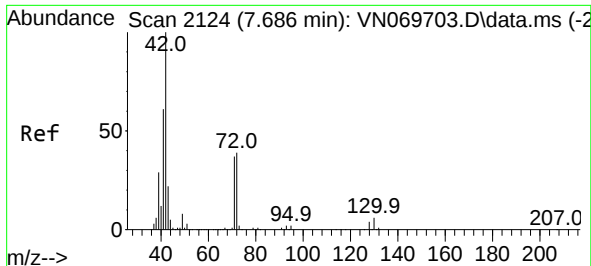


#28
 Bromochloromethane
 Concen: 17.584 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN070162.D
 Acq: 17 Dec 2021 14:16



Tgt Ion: 49 Resp: 193851
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 63.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 93.171 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.003 min

Lab File: VN070162.D

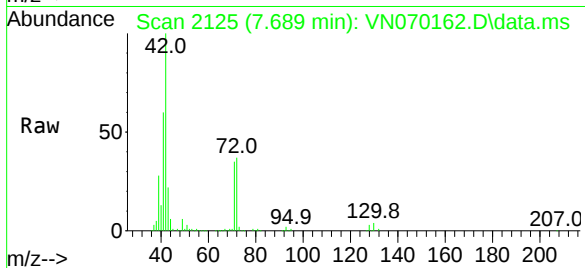
Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02



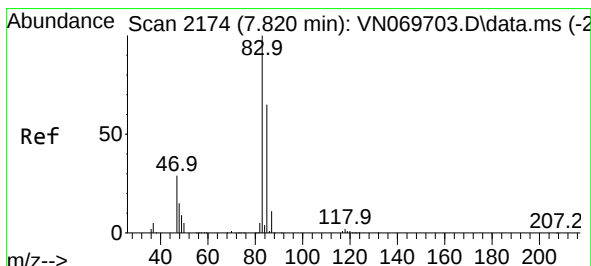
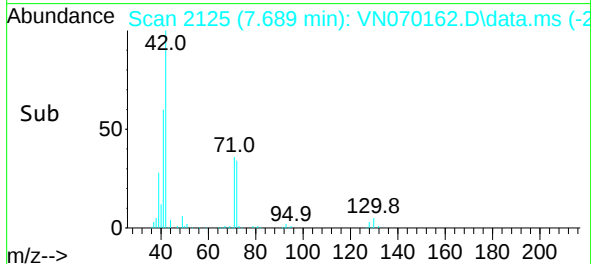
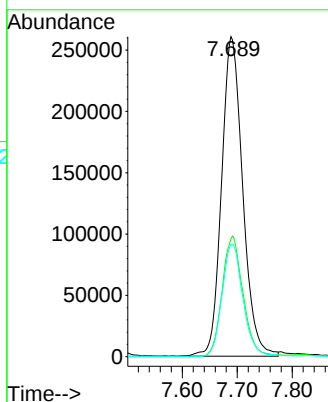
Tgt Ion:	42	Resp:	69647
Ion Ratio	Lower	Upper	
42	100		
72	36.9	36.3	54.5
71	35.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 17.633 ug/l

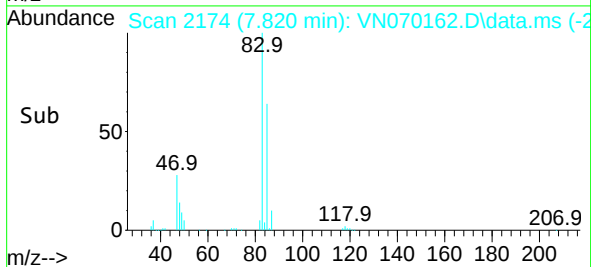
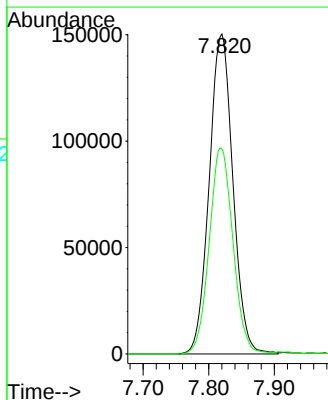
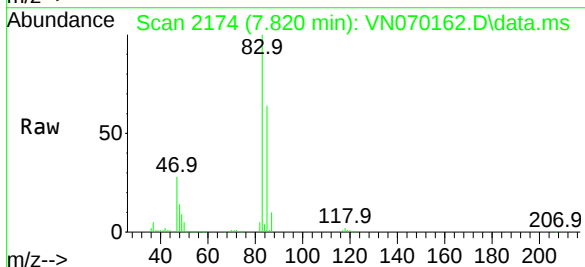
RT: 7.820 min Scan# 2174

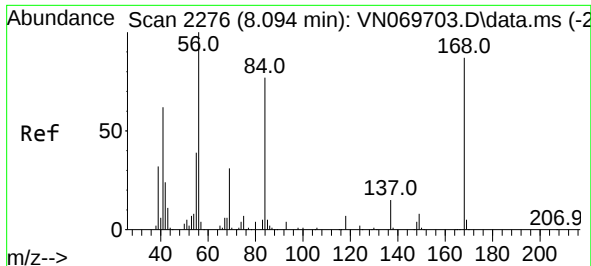
Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

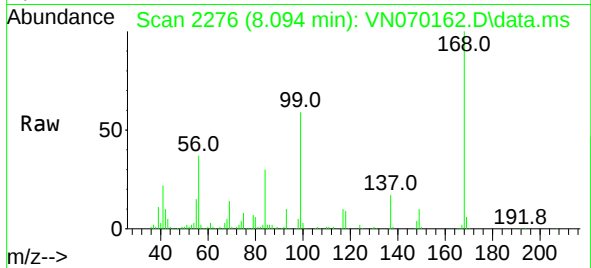
Tgt Ion:	83	Resp:	377523
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.9	77.9





#31
Cyclohexane
Concen: 16.504 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

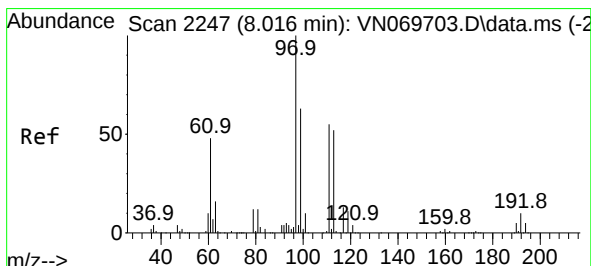
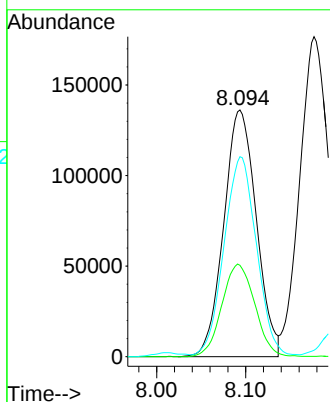
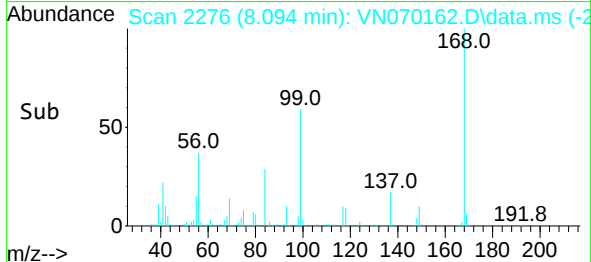
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



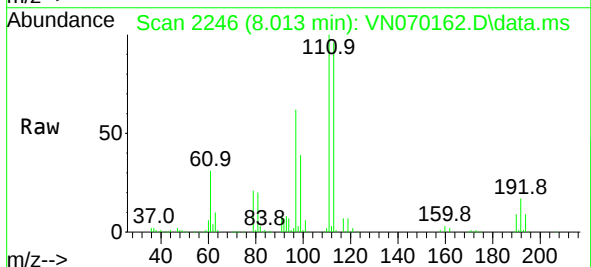
Tgt Ion: 56 Resp: 34593
Ion Ratio Lower Upper
56 100
69 37.0 27.1 40.7
84 80.0 73.4 110.0

Manual Integrations
APPROVED

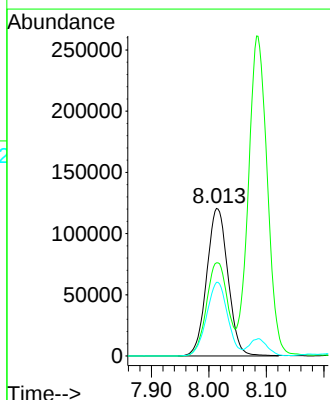
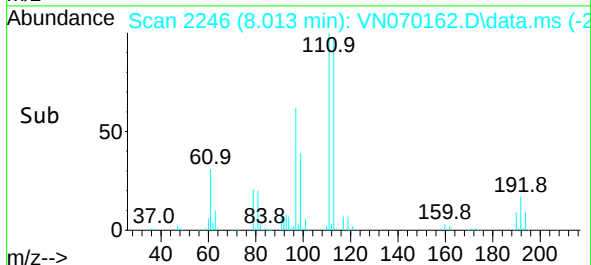
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

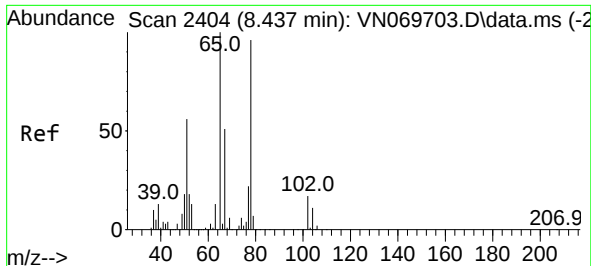


#32
1,1,1-Trichloroethane
Concen: 17.007 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



Tgt Ion: 97 Resp: 310174
Ion Ratio Lower Upper
97 100
99 62.5 50.1 75.1
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.721 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02

Tgt Ion: 65 Resp: 794078

Ion Ratio Lower Upper

65 100

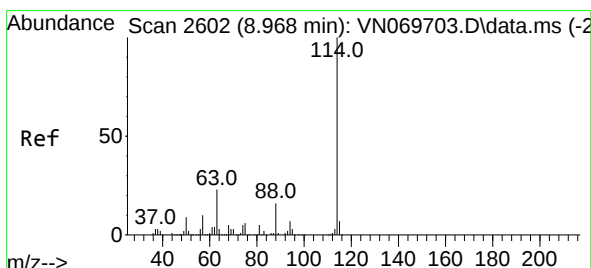
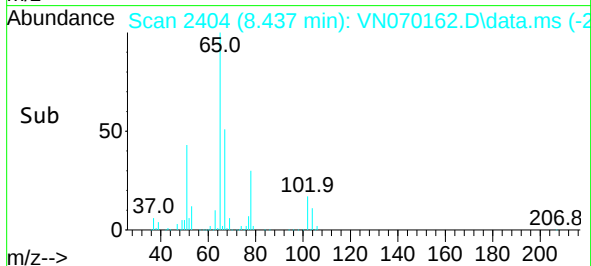
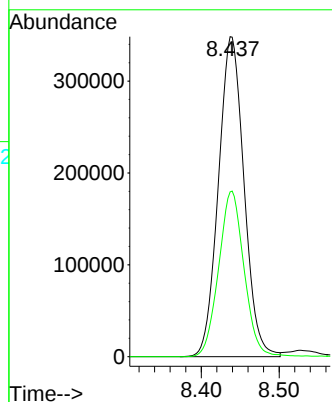
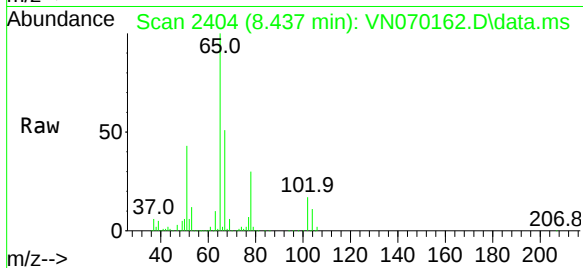
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

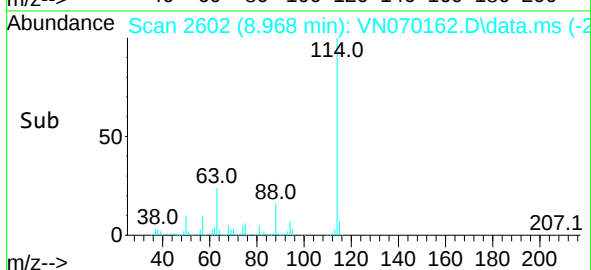
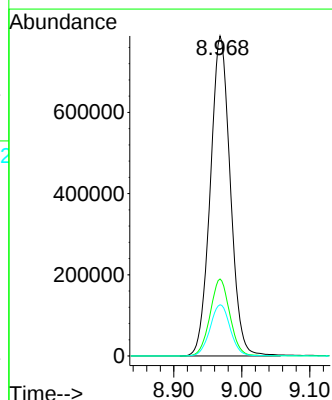
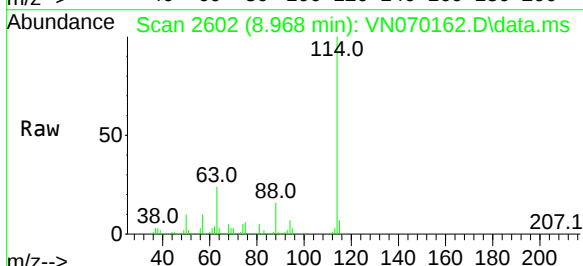
Tgt Ion:114 Resp: 1608168

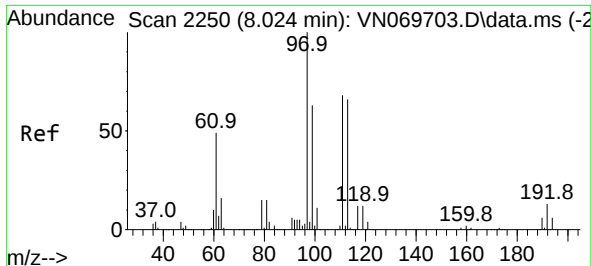
Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

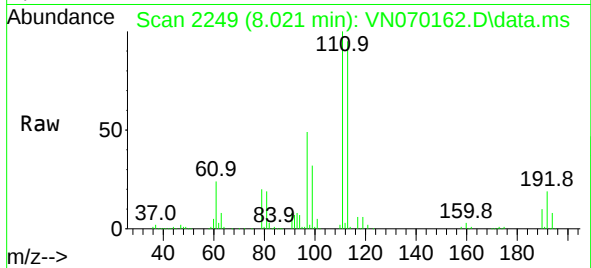
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.138 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

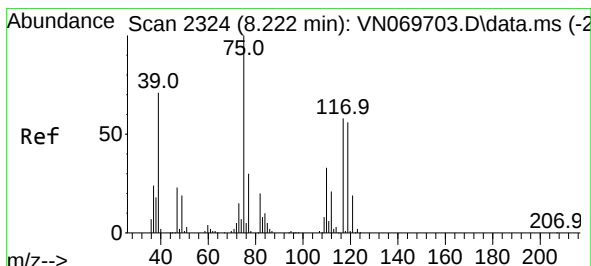
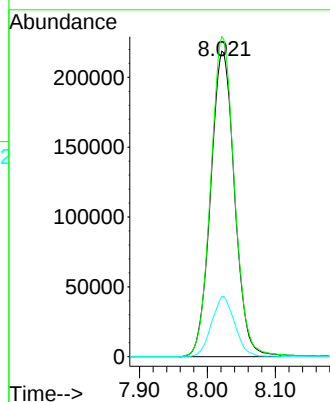
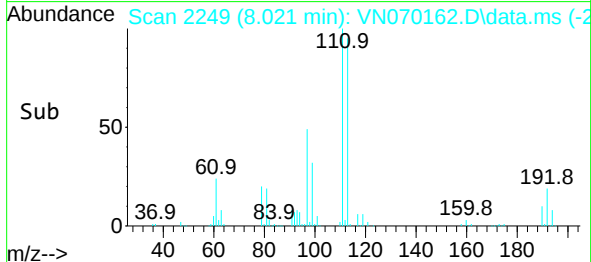
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



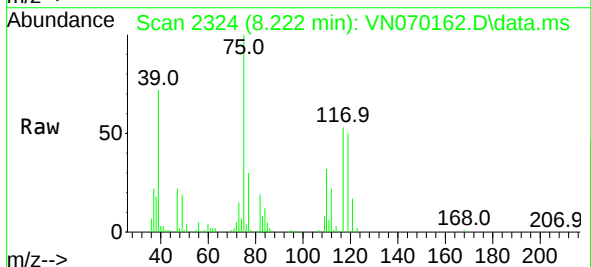
Tgt Ion: 113 Resp: 53527
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations
APPROVED

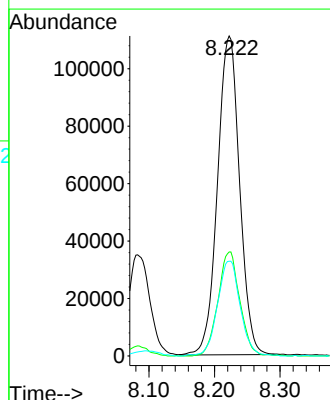
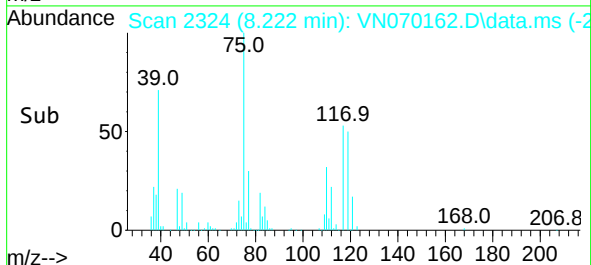
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

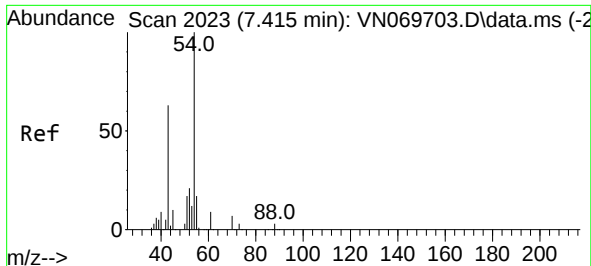


#36
1,1-Dichloropropene
Concen: 16.932 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



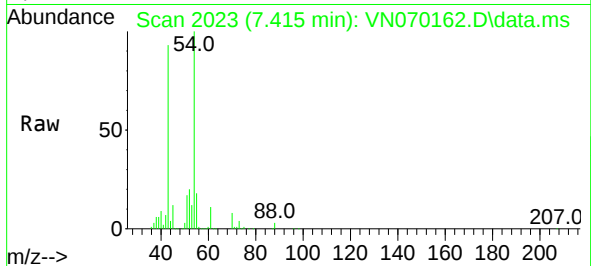
Tgt Ion: 75 Resp: 259218
Ion Ratio Lower Upper
75 100
110 32.3 18.4 55.2
77 29.7 24.4 36.6





#37
Ethyl Acetate
Concen: 17.533 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

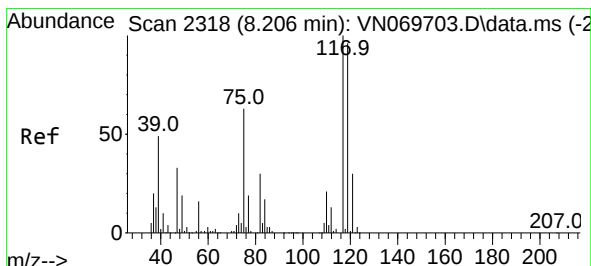
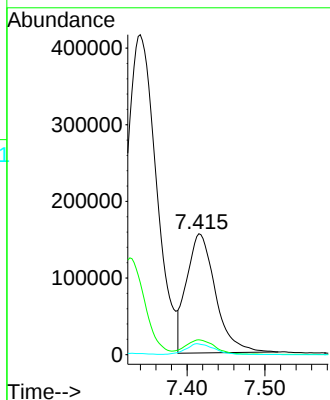
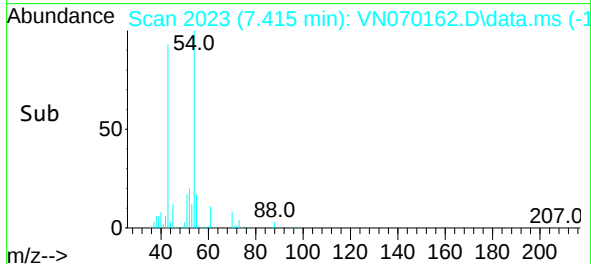
Instrument :
MSVOA_N
Client Sample Id :
VN1217WBS02



Tgt Ion: 43 Resp: 399510
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.9 7.9 11.9

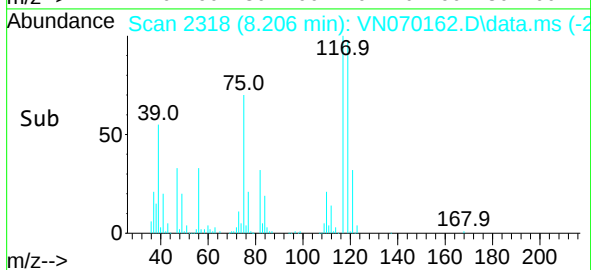
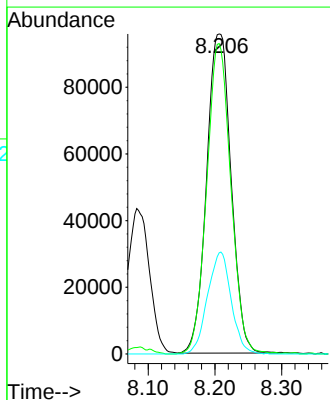
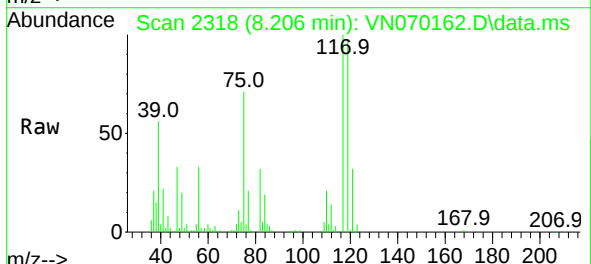
Manual Integrations
APPROVED

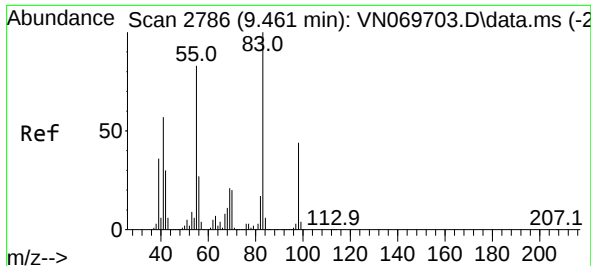
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 16.312 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

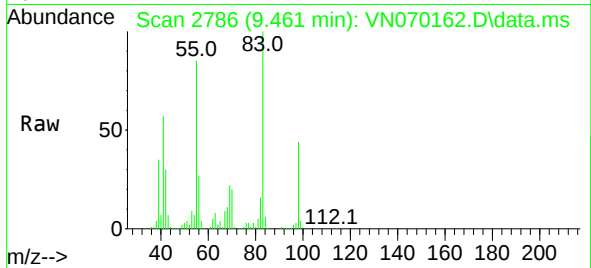
Tgt Ion: 117 Resp: 244884
Ion Ratio Lower Upper
117 100
119 97.1 76.1 114.1
121 31.7 24.2 36.2





#39
Methylcyclohexane
Concen: 16.036 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

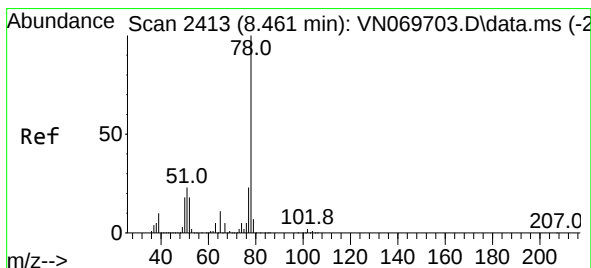
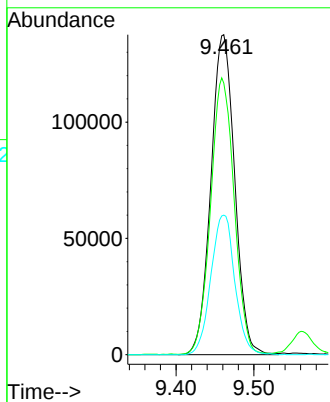
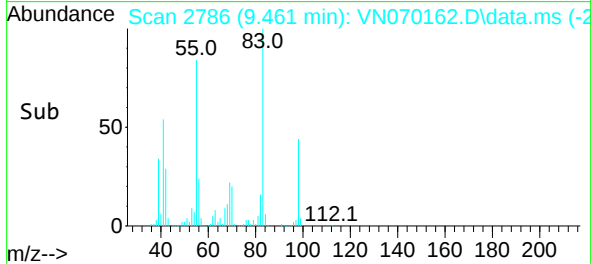
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 83 Resp: 29200
Ion Ratio Lower Upper
83 100
55 84.7 58.1 87.1
98 43.6 38.4 57.6

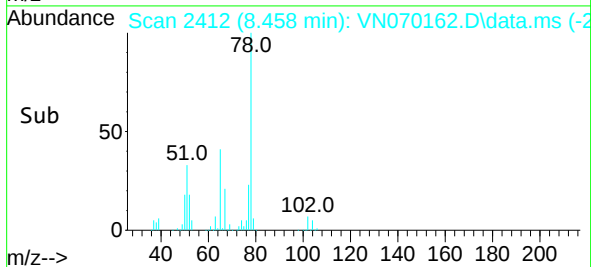
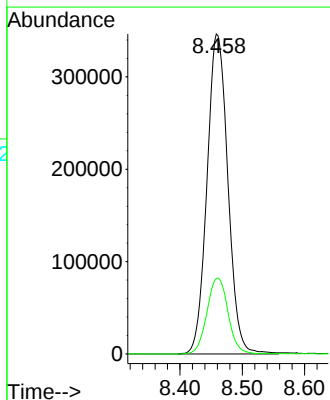
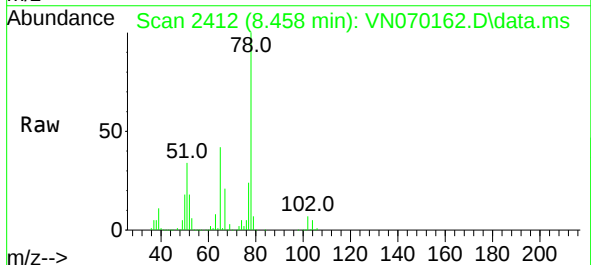
Manual Integrations
APPROVED

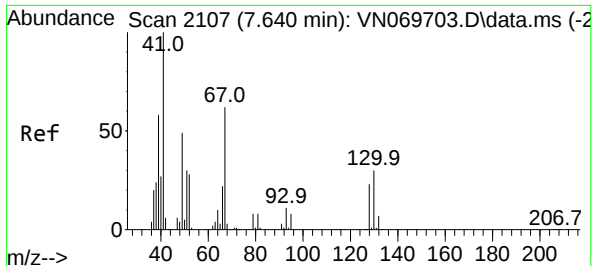
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 17.241 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

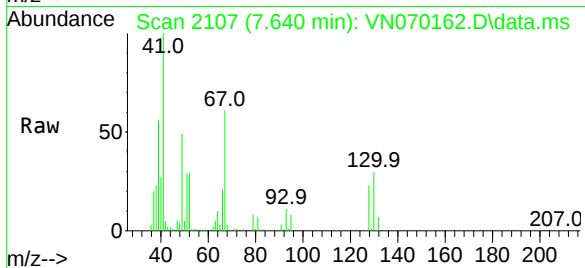
Tgt Ion: 78 Resp: 806805
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

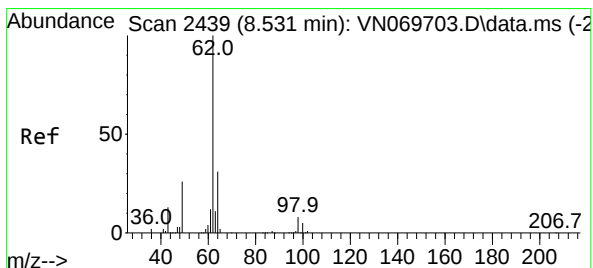
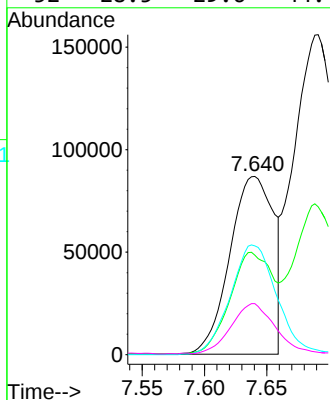
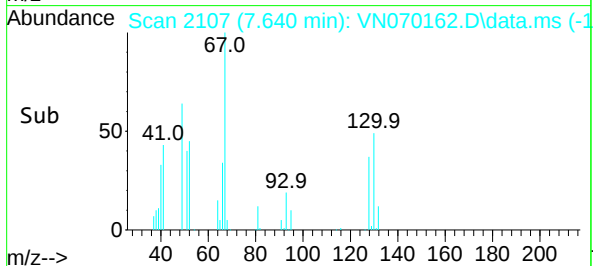
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



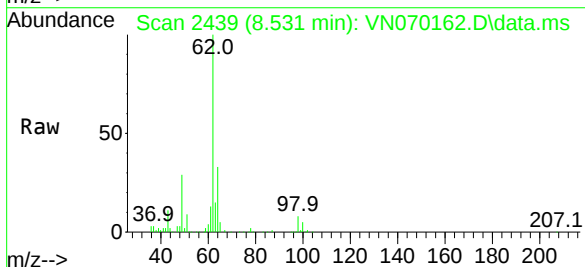
Tgt Ion: 41 Resp: 21120
Ion Ratio Lower Upper
41 100
39 55.9 48.1 72.1
67 66.6 68.3 102.5
52 28.5 29.6 44.4#

Manual Integrations
APPROVED

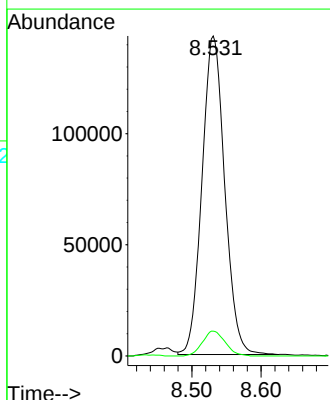
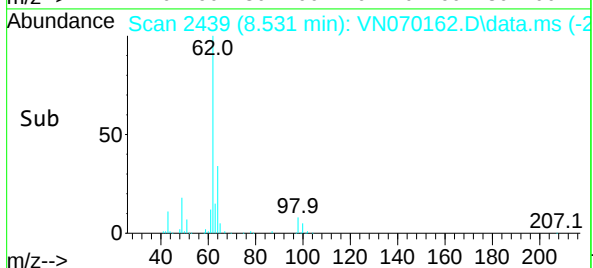
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

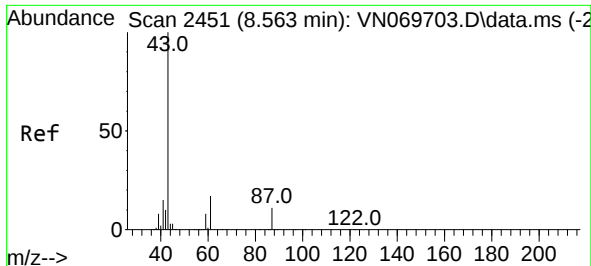


#42
1,2-Dichloroethane
Concen: 17.296 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



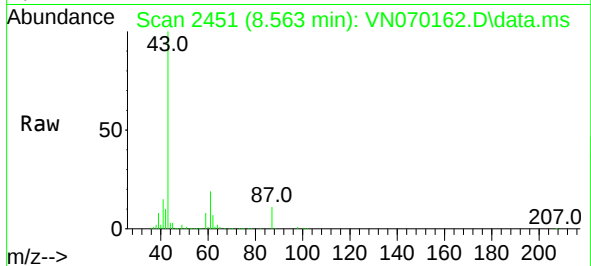
Tgt Ion: 62 Resp: 326728
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.014 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

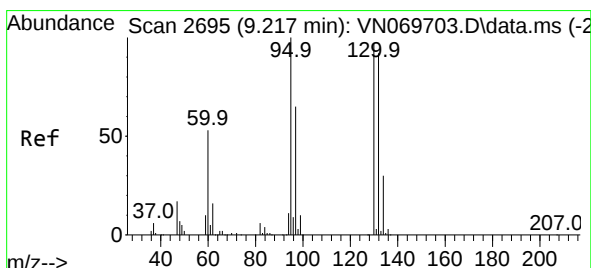
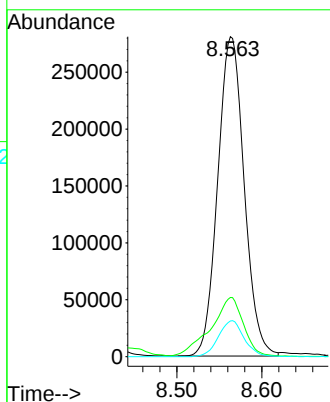
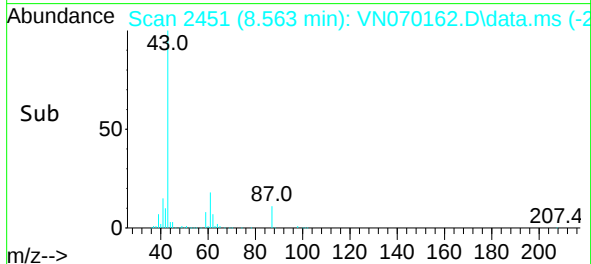
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 43 Resp: 60743
Ion Ratio Lower Upper
43 100
61 23.0 20.4 30.6
87 11.0 11.2 16.8

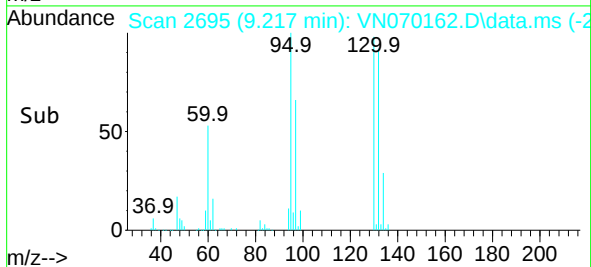
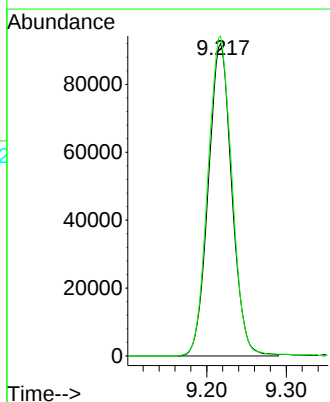
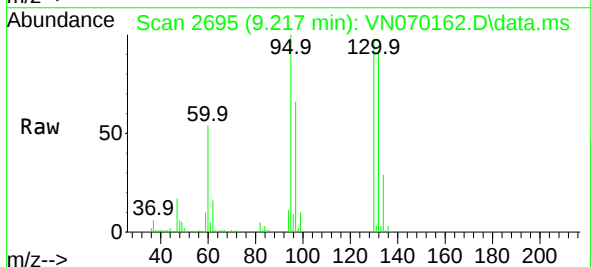
Manual Integrations
APPROVED

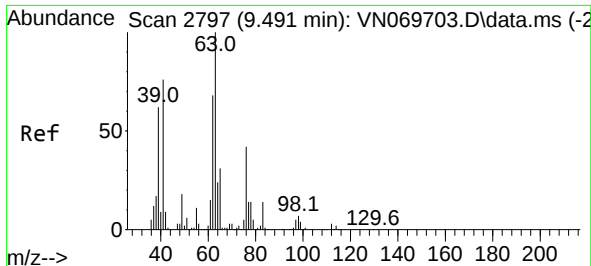
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 16.893 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Tgt Ion:130 Resp: 188672
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.999 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02

Tgt Ion: 63 Resp: 22618

Ion Ratio Lower Upper

63 100

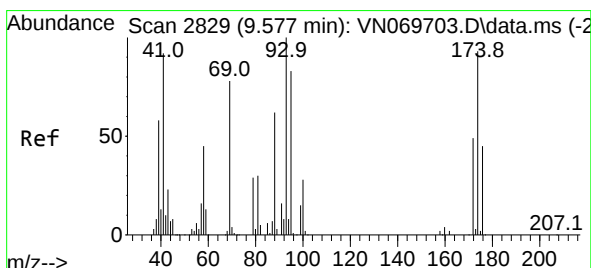
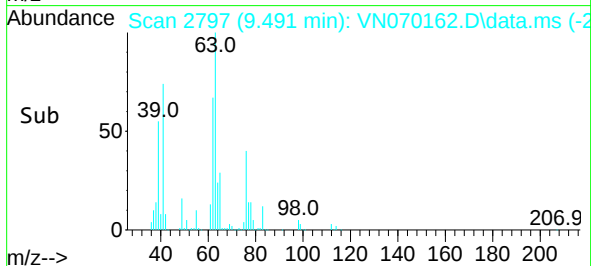
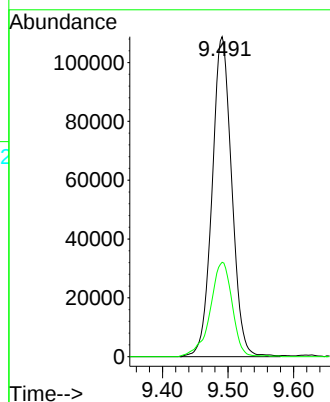
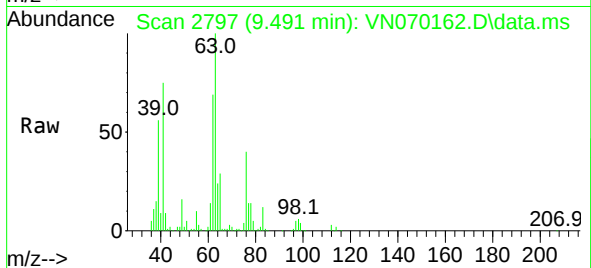
65 29.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 17.308 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

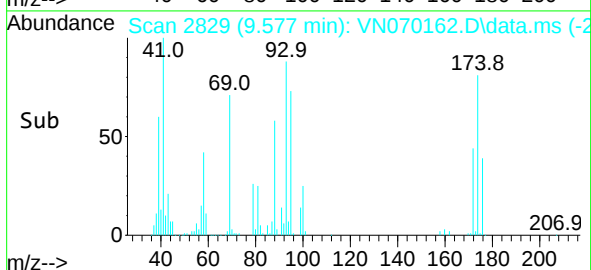
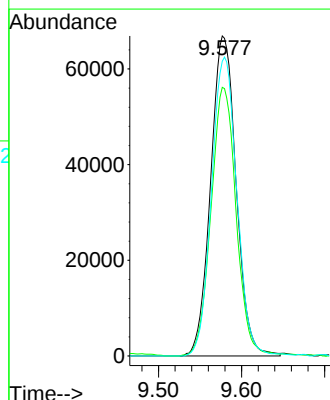
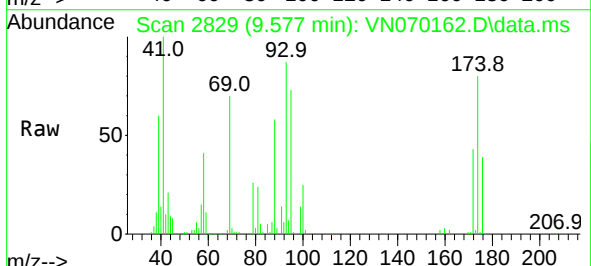
Tgt Ion: 93 Resp: 142639

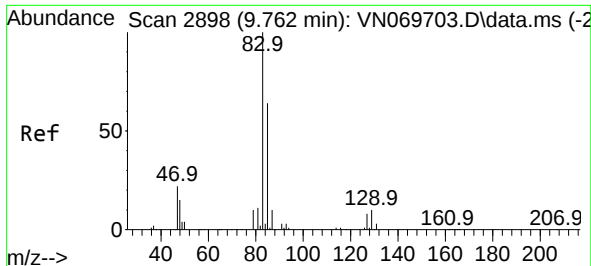
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

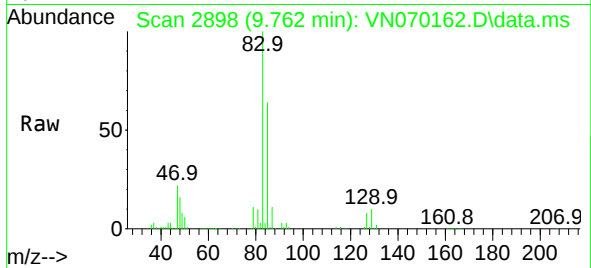
174 93.1 84.6 127.0





#47
Bromodichloromethane
Concen: 17.399 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

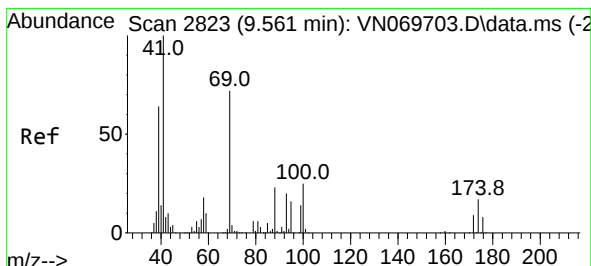
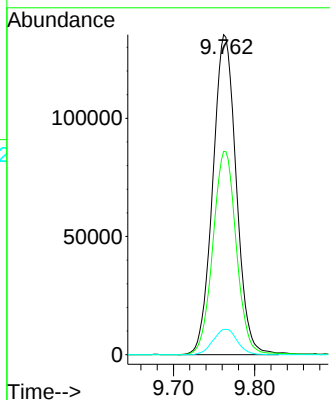
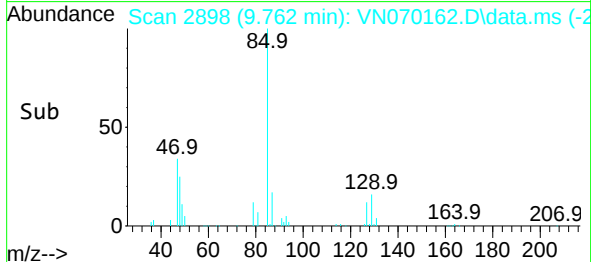
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 83 Resp: 27149
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 7.9 7.1 10.7

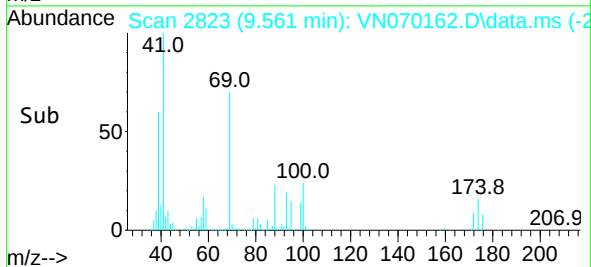
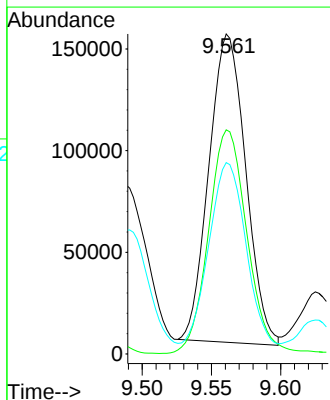
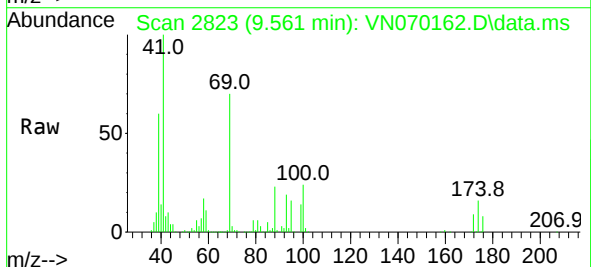
Manual Integrations
APPROVED

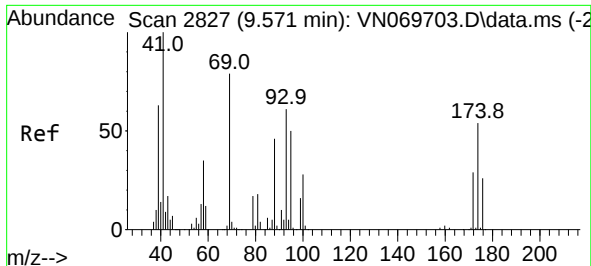
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 17.819 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Tgt Ion: 41 Resp: 280397
Ion Ratio Lower Upper
41 100
69 75.8 72.4 108.6
39 64.4 58.4 87.6





#49

1,4-Dioxane

Concen: 365.107 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02

Tgt Ion: 88 Resp: 103089

Ion Ratio Lower Upper

88 100

43 35.8 23.4 35.2

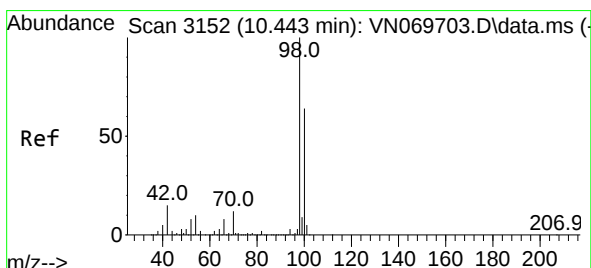
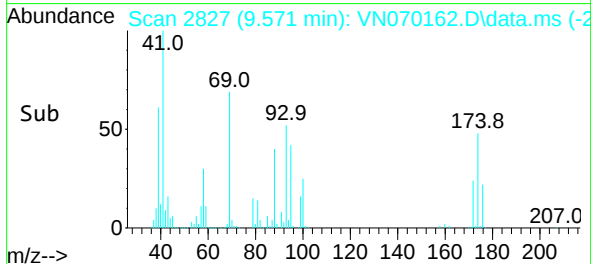
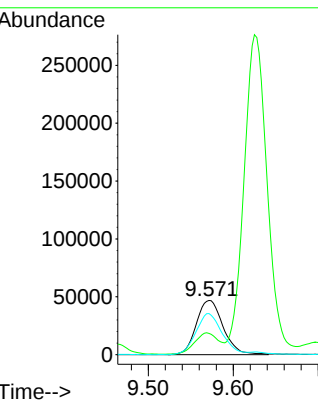
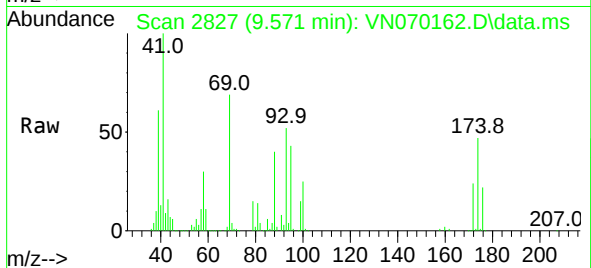
58 74.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 51.379 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070162.D

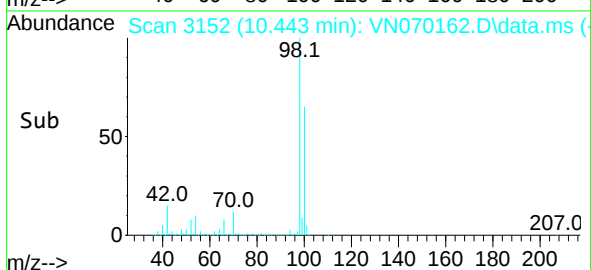
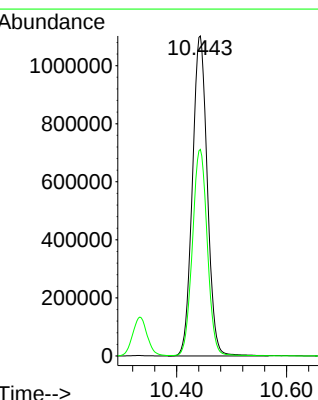
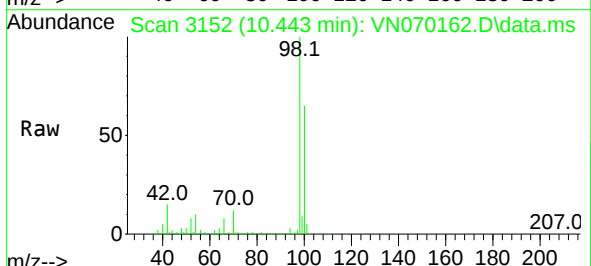
Acq: 17 Dec 2021 14:16

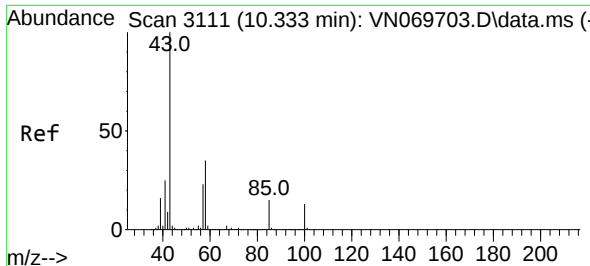
Tgt Ion: 98 Resp: 2078142

Ion Ratio Lower Upper

98 100

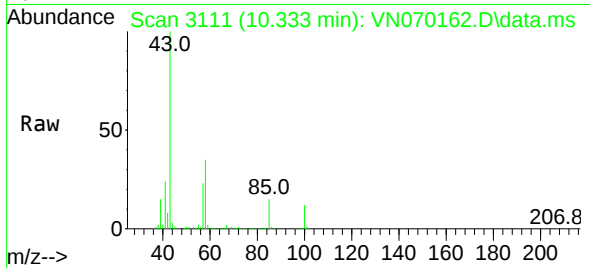
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 95.740 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

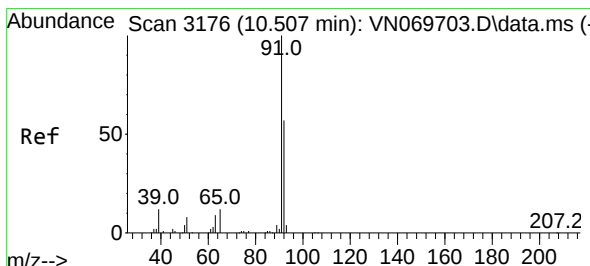
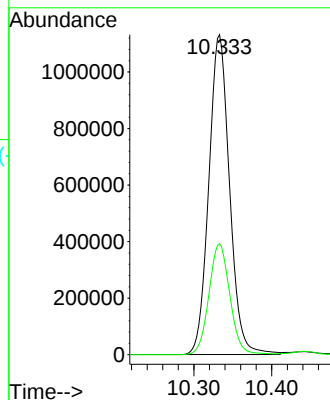
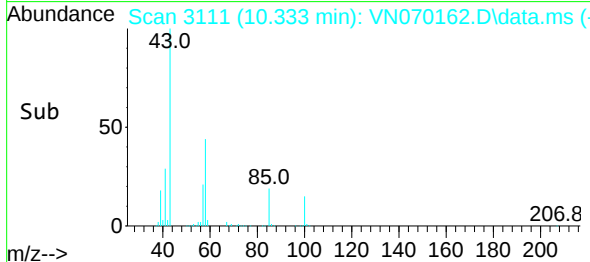
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 43 Resp: 209428
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

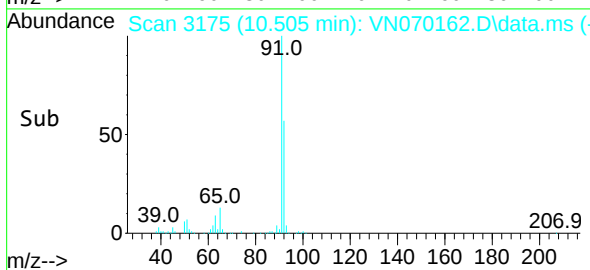
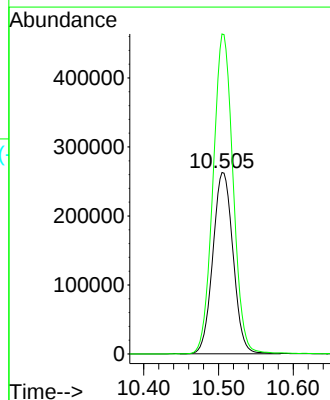
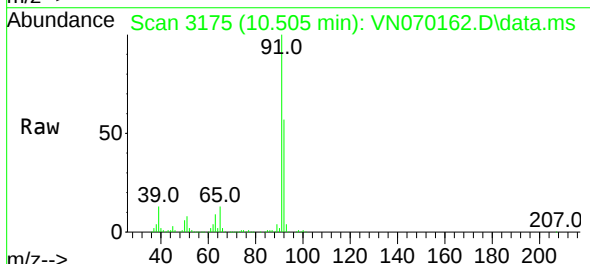
Manual Integrations
APPROVED

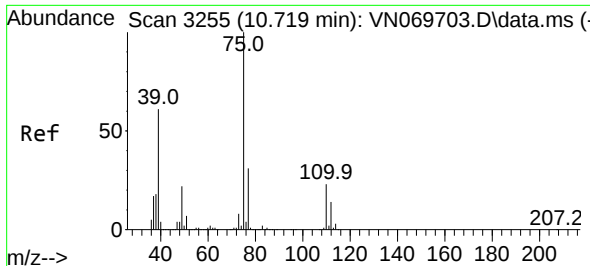
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 17.258 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

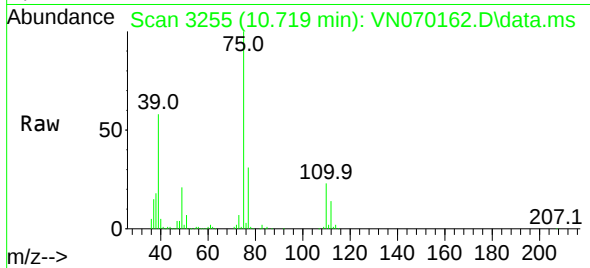
Tgt Ion: 92 Resp: 493041
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.132 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

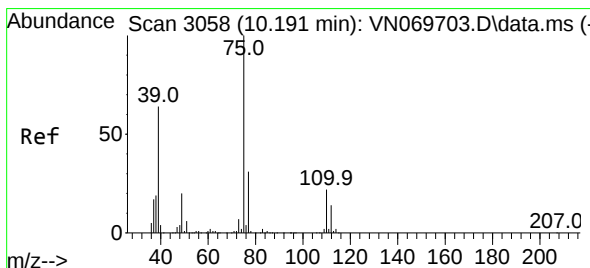
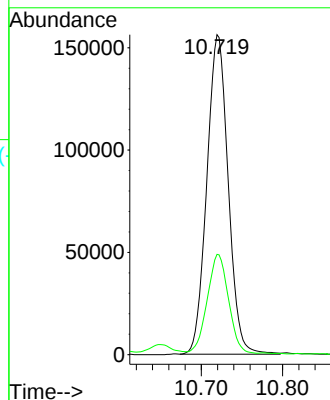
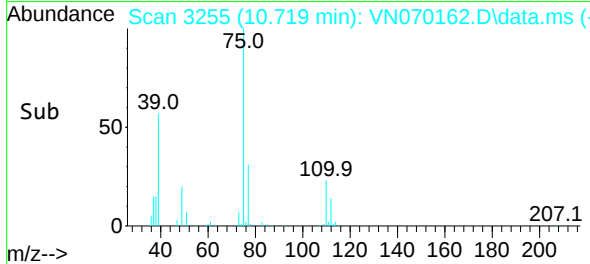
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



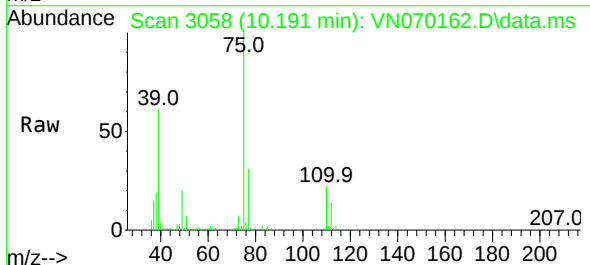
Tgt Ion: 75 Resp: 285049
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

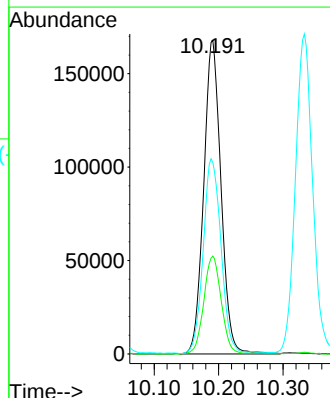
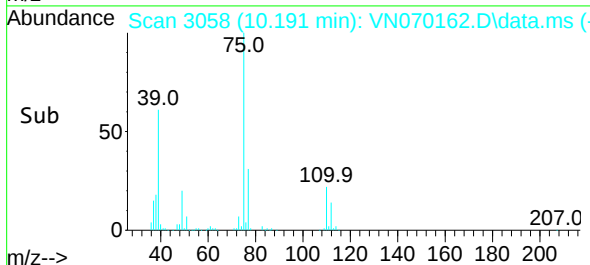
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

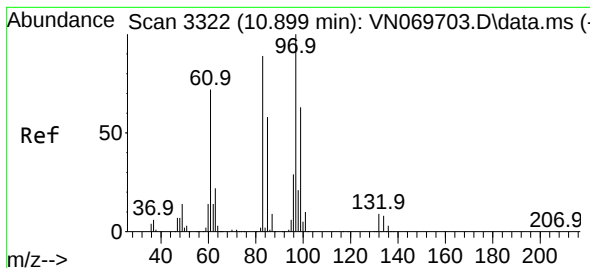


#54
cis-1,3-Dichloropropene
Concen: 17.300 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



Tgt Ion: 75 Resp: 313970
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 61.0 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 17.936 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

Lab File: VN070162.D

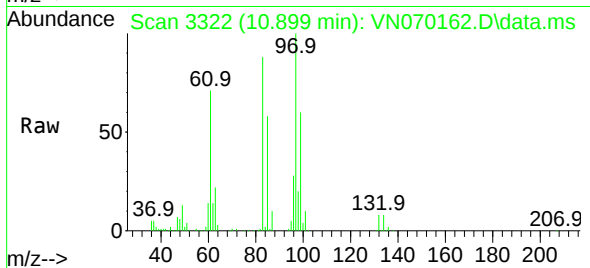
Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02



Tgt Ion: 97 Resp: 206750

Ion Ratio Lower Upper

97 100

83 87.5 67.8 101.6

85 58.4 45.4 68.2

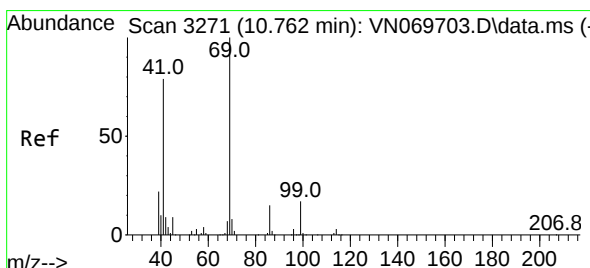
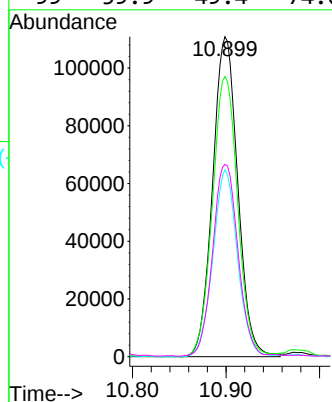
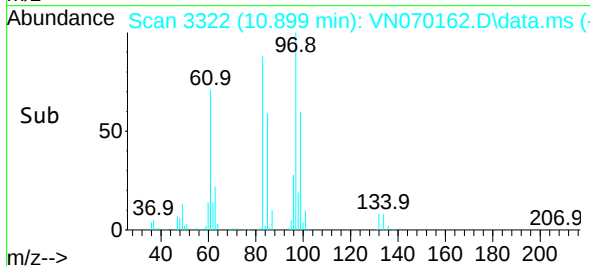
99 59.9 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#56

Ethyl methacrylate

Concen: 17.250 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

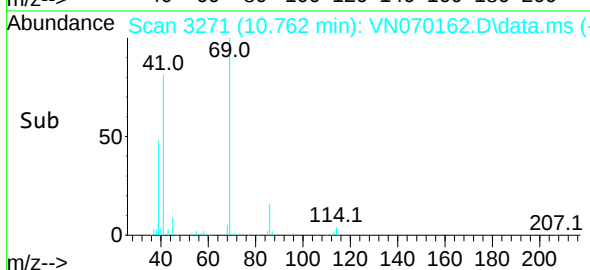
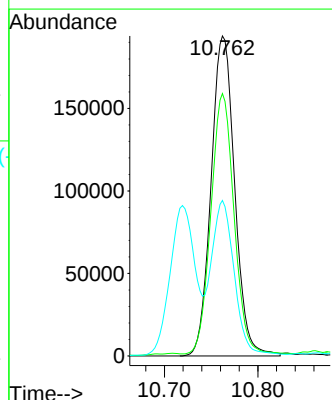
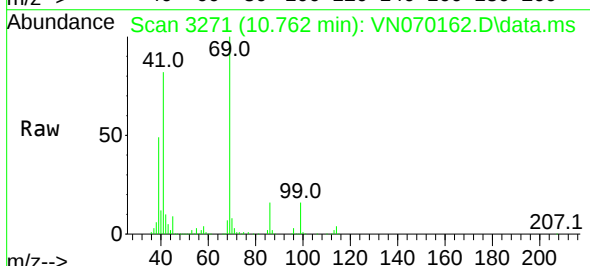
Tgt Ion: 69 Resp: 341170

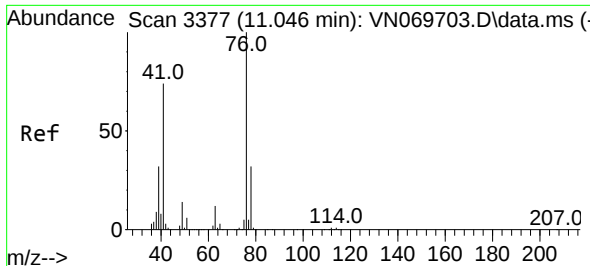
Ion Ratio Lower Upper

69 100

41 79.5 51.4 77.0#

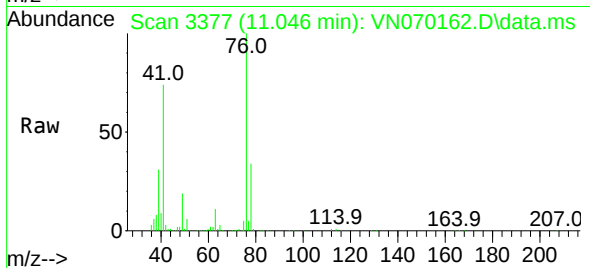
39 45.3 34.6 52.0





#57
1,3-Dichloropropane
Concen: 17.938 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

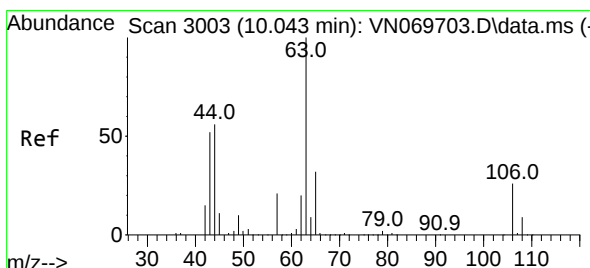
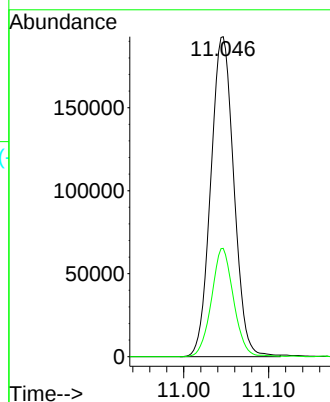
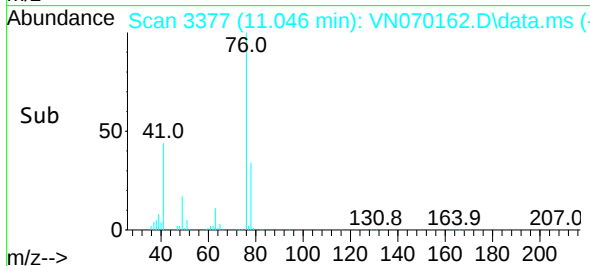
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



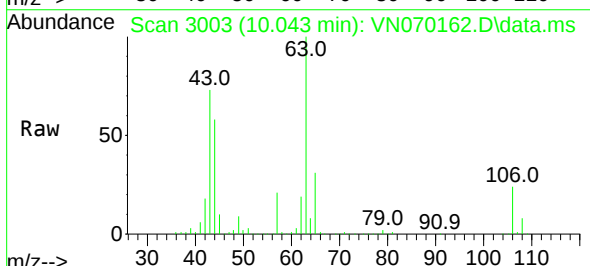
Tgt Ion: 76 Resp: 364088
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

Manual Integrations
APPROVED

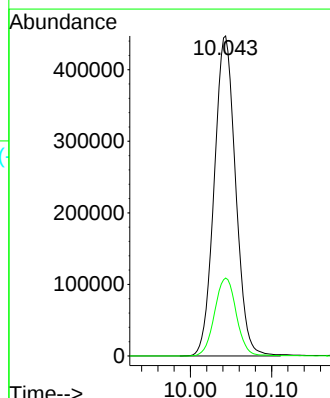
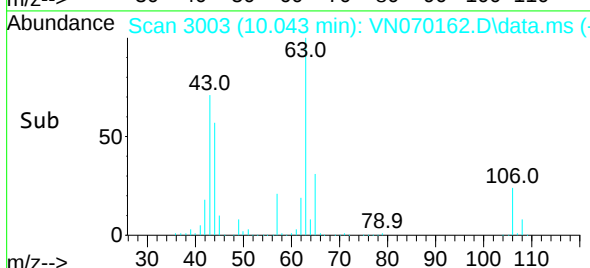
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

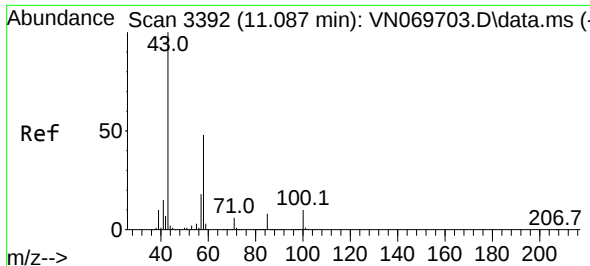


#58
2-Chloroethyl Vinyl ether
Concen: 147.293 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



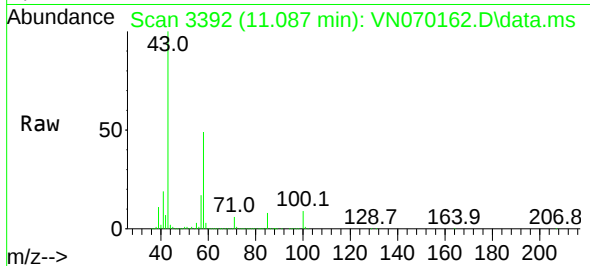
Tgt Ion: 63 Resp: 817213
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 93.981 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

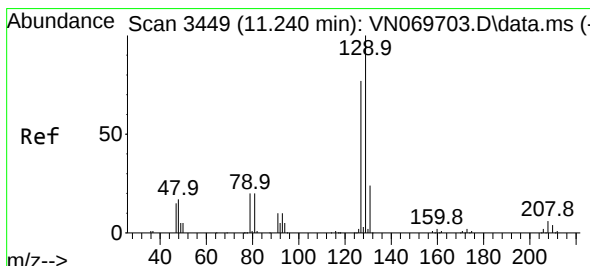
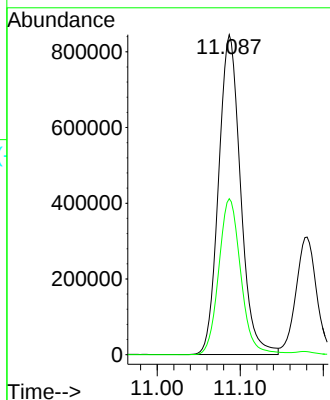
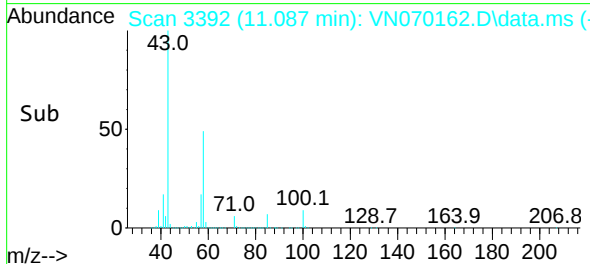
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 43 Resp: 1555140
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

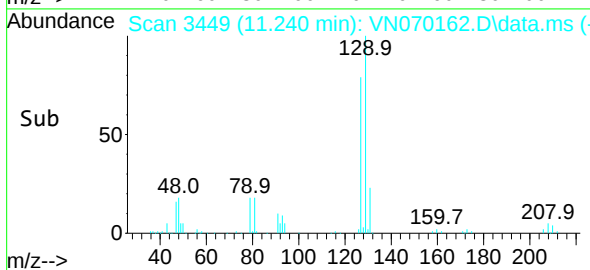
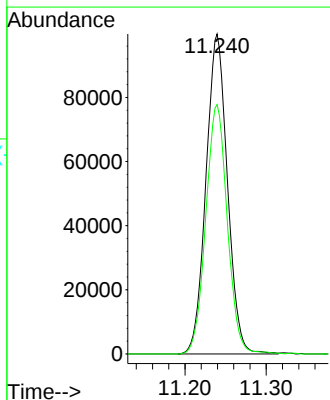
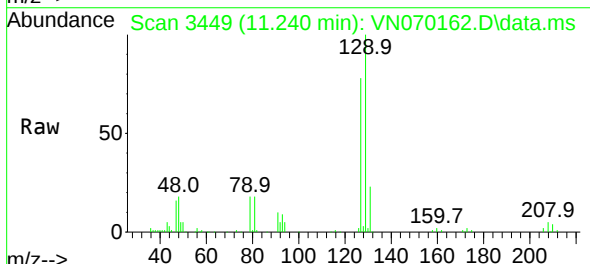
Manual Integrations
APPROVED

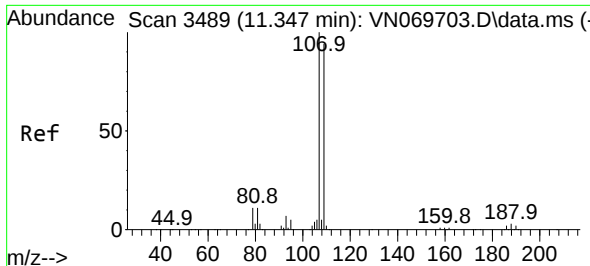
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 16.486 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

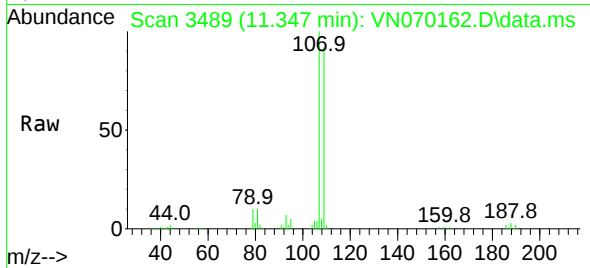
Tgt Ion:129 Resp: 182959
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.978 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

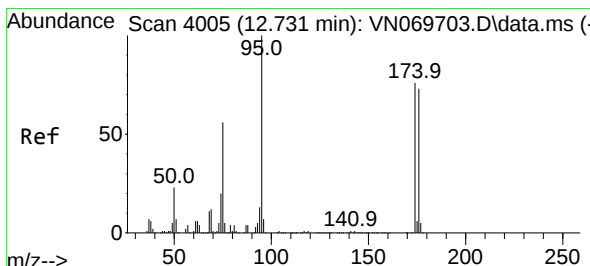
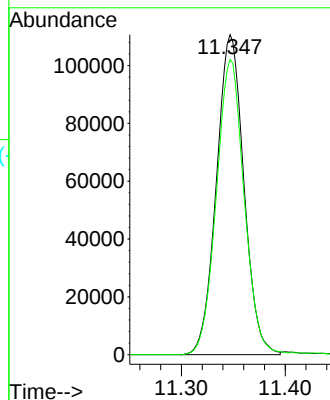
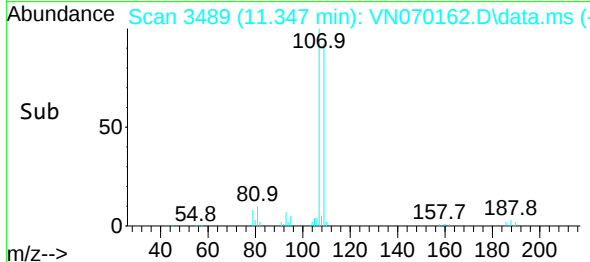
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



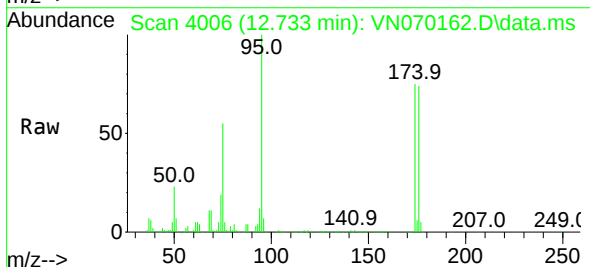
Tgt Ion:107 Resp: 202709
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

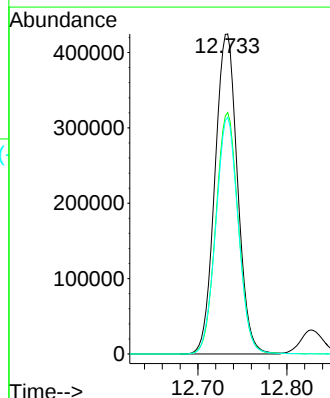
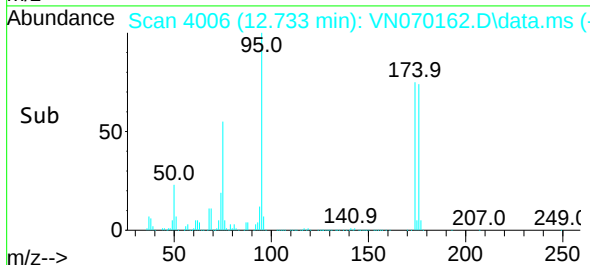
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

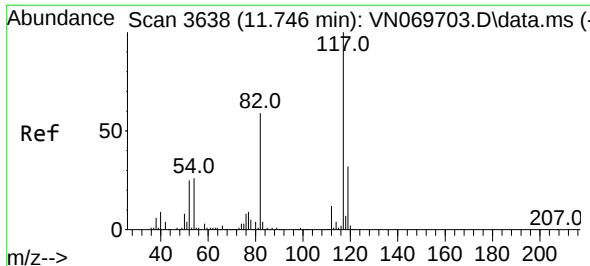


#62
4-Bromofluorobenzene
Concen: 51.192 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



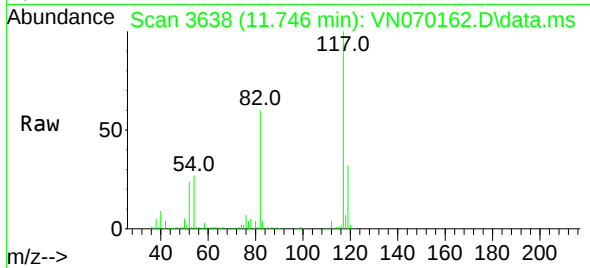
Tgt Ion: 95 Resp: 750121
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

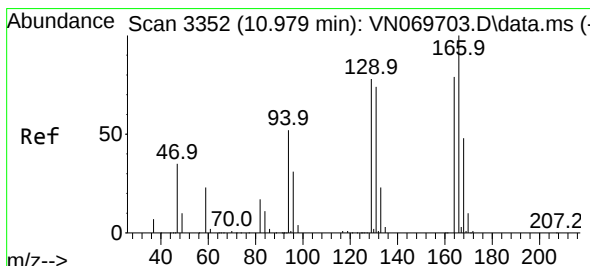
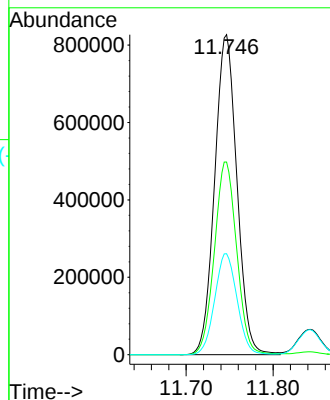
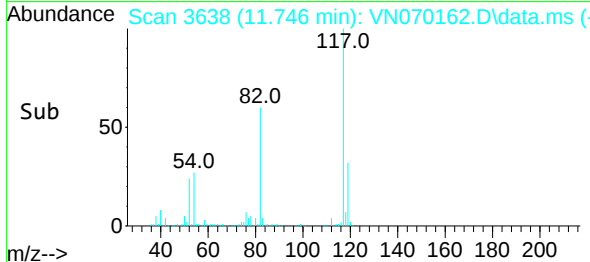
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion:117 Resp: 1473098
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.6 25.4 38.2

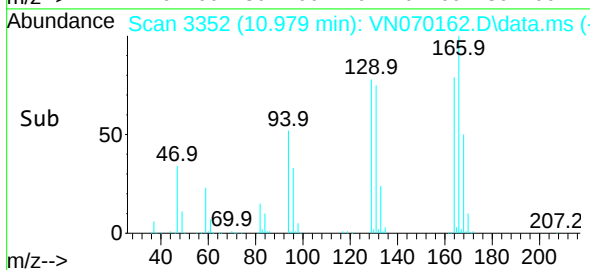
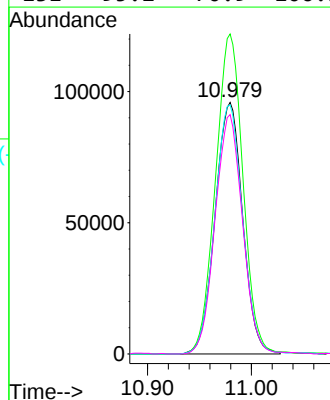
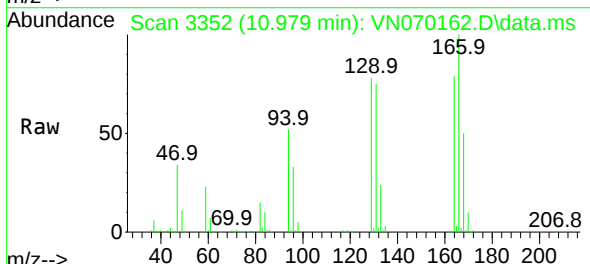
Manual Integrations
APPROVED

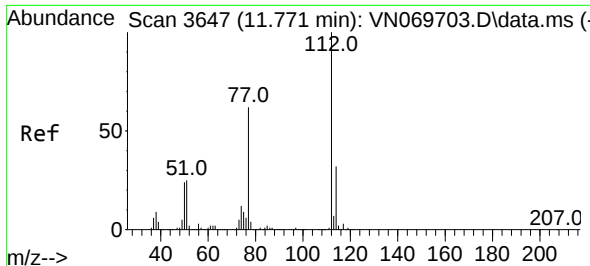
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#64
Tetrachloroethene
Concen: 17.710 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

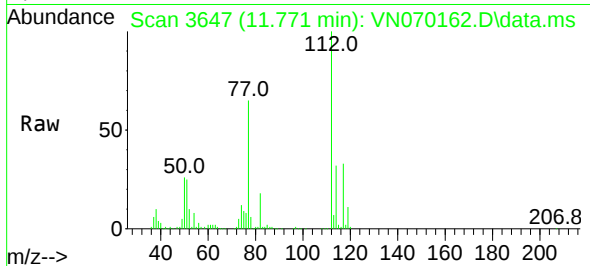
Tgt Ion:164 Resp: 176902
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 99.0 72.0 108.0
131 95.2 70.9 106.3





#65
Chlorobenzene
Concen: 17.301 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

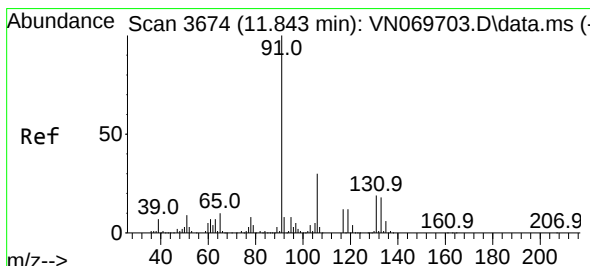
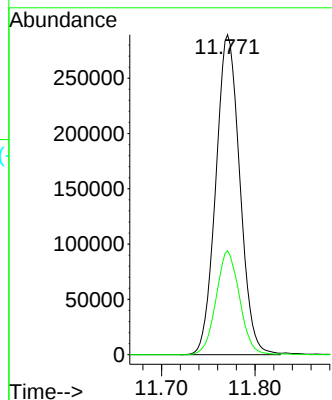
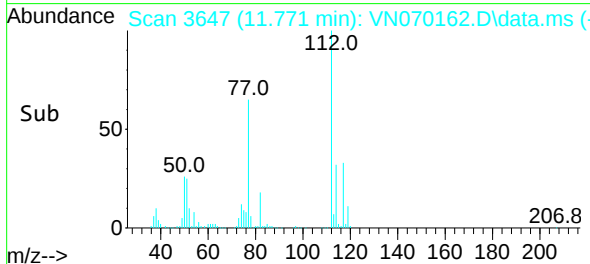
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



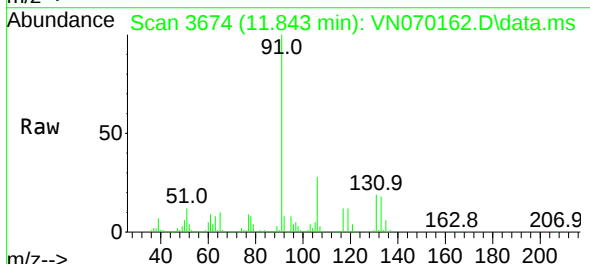
Tgt Ion:112 Resp: 517048
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

Manual Integrations
APPROVED

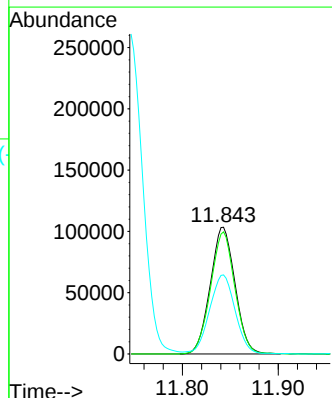
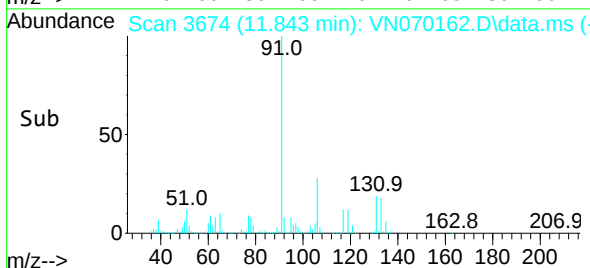
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

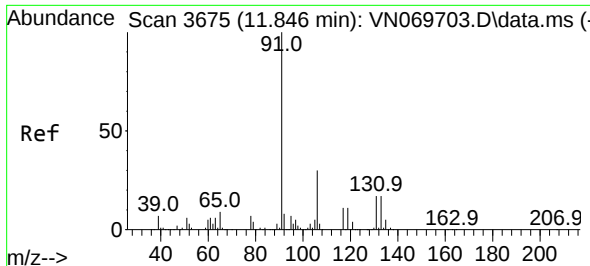


#66
1,1,1,2-Tetrachloroethane
Concen: 17.653 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



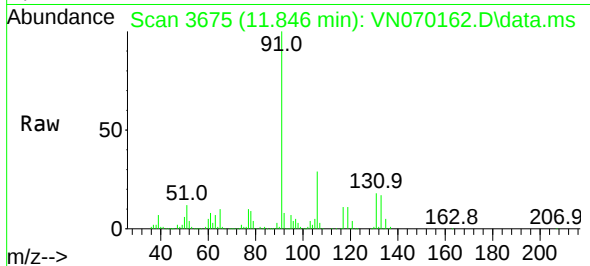
Tgt Ion:131 Resp: 185688
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 63.9 32.1 96.5





#67
Ethyl Benzene
Concen: 17.567 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

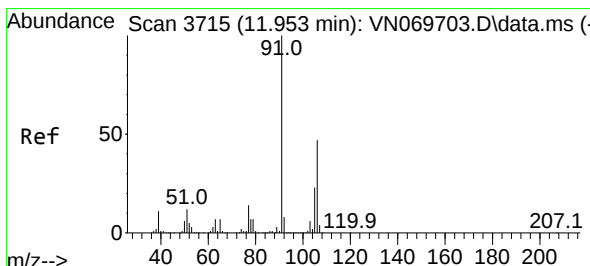
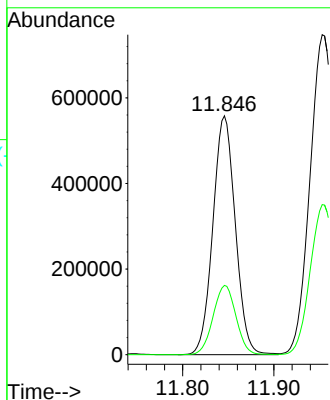
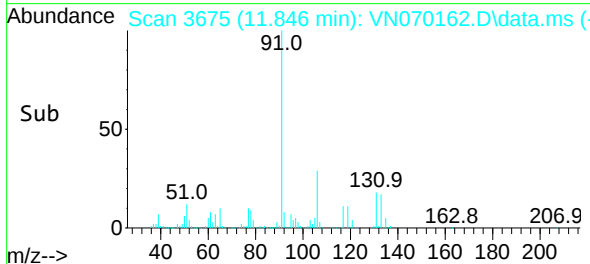
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



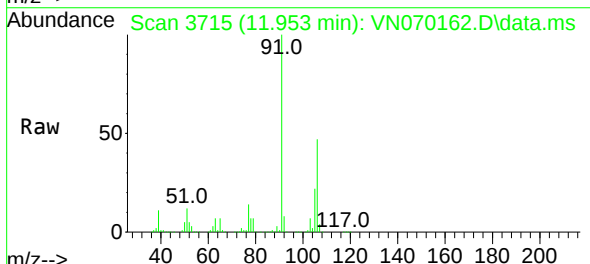
Tgt Ion: 91 Resp: 953609
Ion Ratio Lower Upper
91 100
106 29.0 25.7 38.5

Manual Integrations
APPROVED

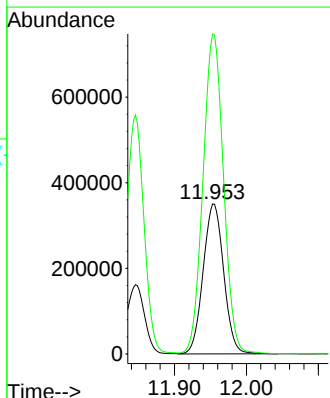
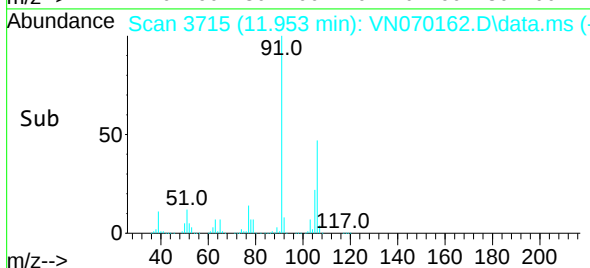
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

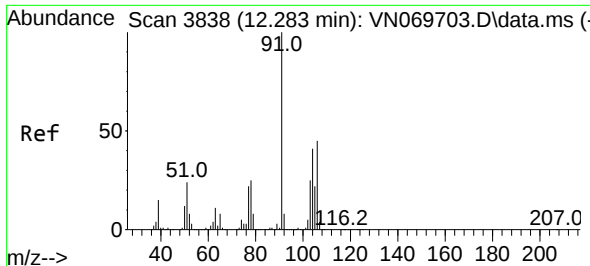


#68
m/p-Xylenes
Concen: 35.176 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



Tgt Ion:106 Resp: 695282
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8





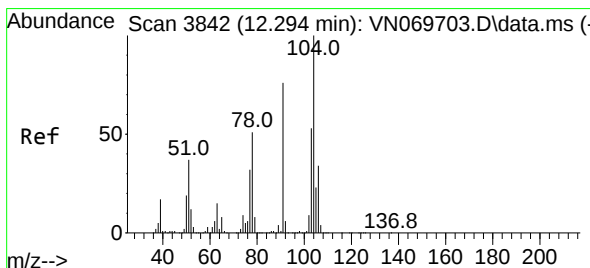
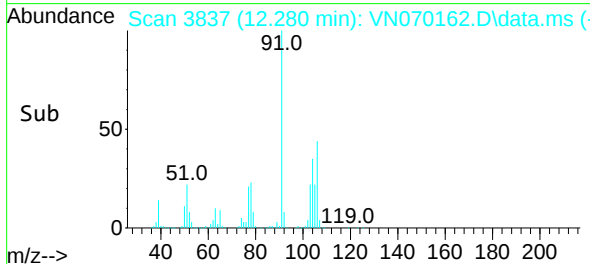
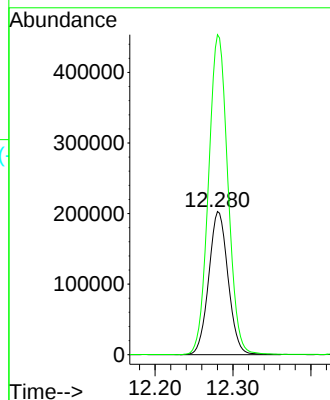
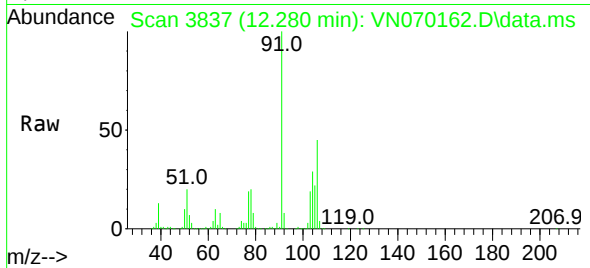
#69
o-Xylene
Concen: 17.582 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02

Tgt Ion:106 Resp: 35003
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

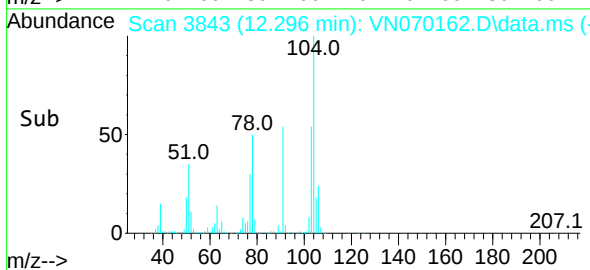
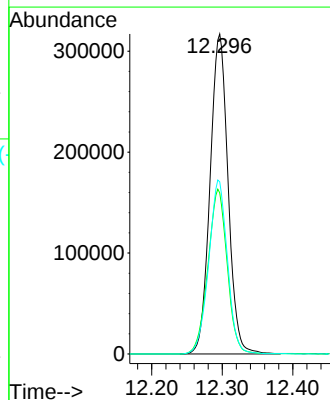
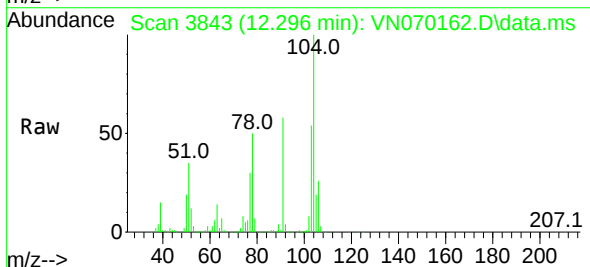
Manual Integrations
APPROVED

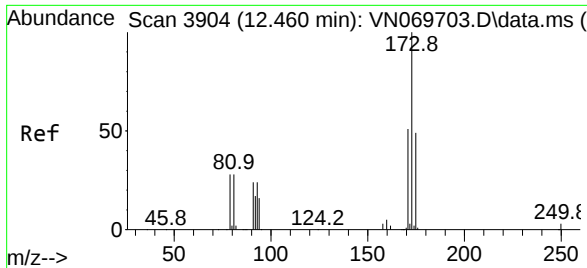
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 17.811 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

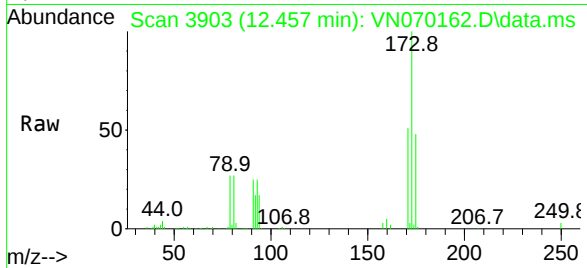
Tgt Ion:104 Resp: 562300
Ion Ratio Lower Upper
104 100
78 55.0 38.7 58.1
103 56.6 45.0 67.6





#71
Bromoform
Concen: 16.317 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

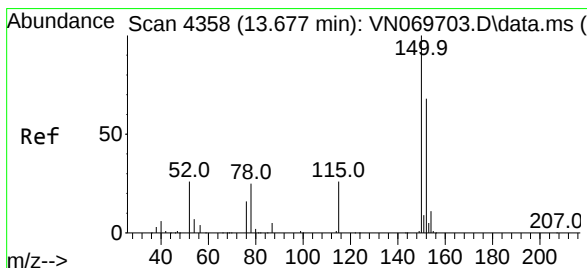
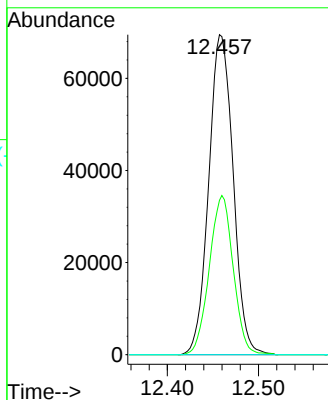
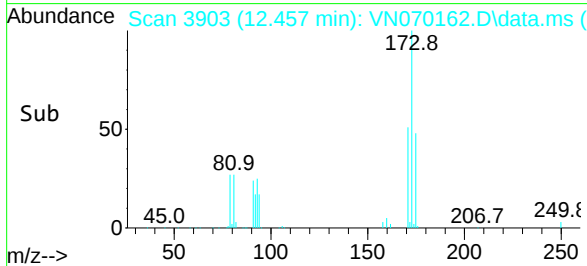
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



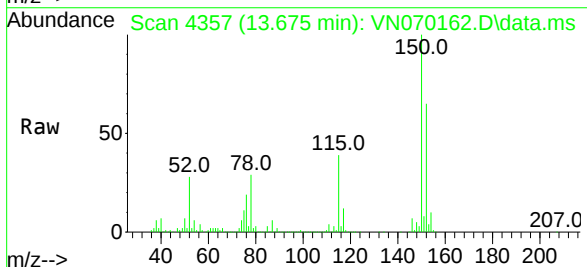
Tgt Ion:173 Resp: 129289
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

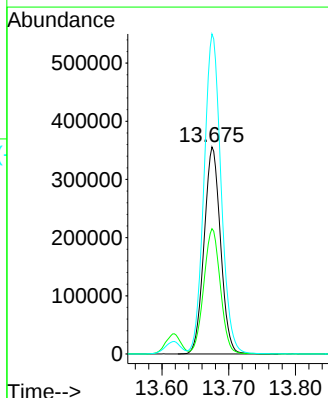
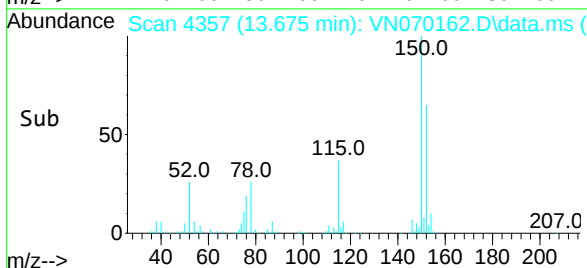
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

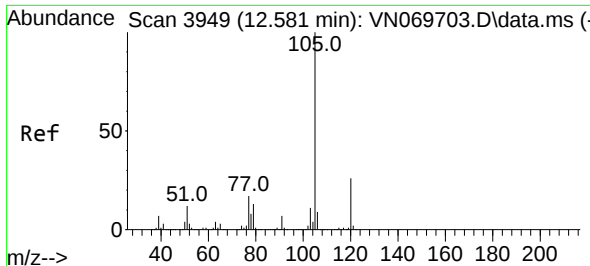


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



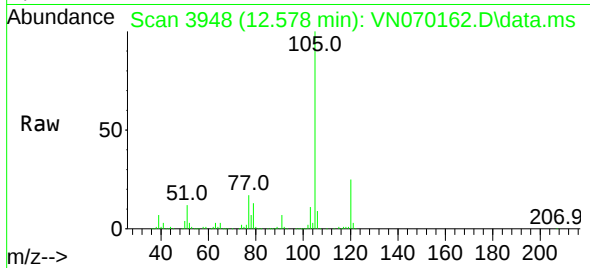
Tgt Ion:152 Resp: 607428
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 160.5 0.0 344.4





#73
Isopropylbenzene
Concen: 17.054 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

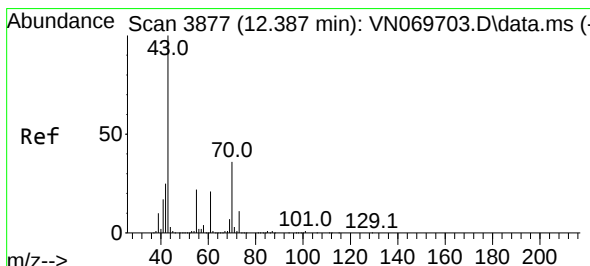
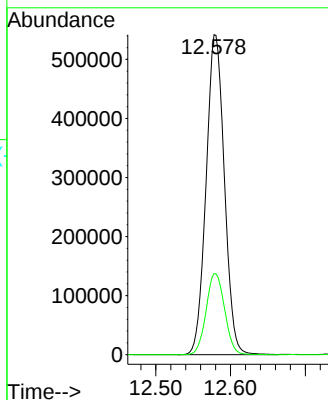
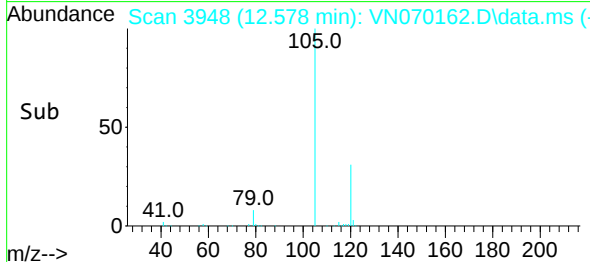
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion:105 Resp: 921692
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

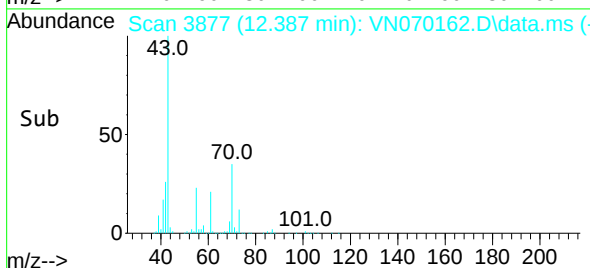
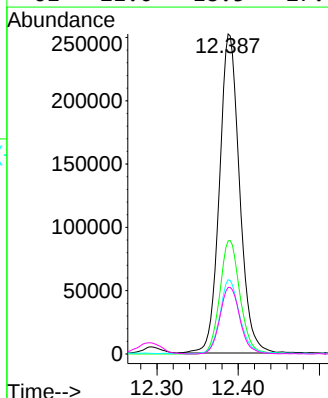
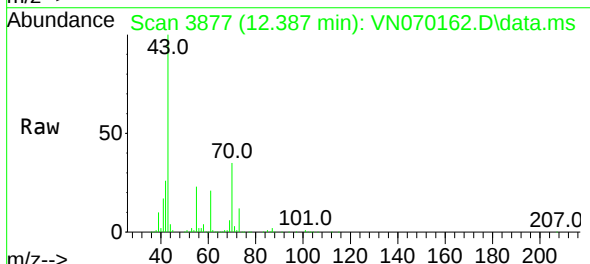
Manual Integrations
APPROVED

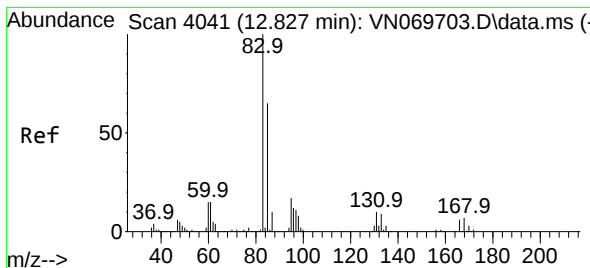
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 18.093 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Tgt Ion: 43 Resp: 432429
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 22.9 19.3 28.9
61 21.0 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.437 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN070162.D

Acq: 17 Dec 2021 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS02

Tgt Ion: 83 Resp: 325864

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.5

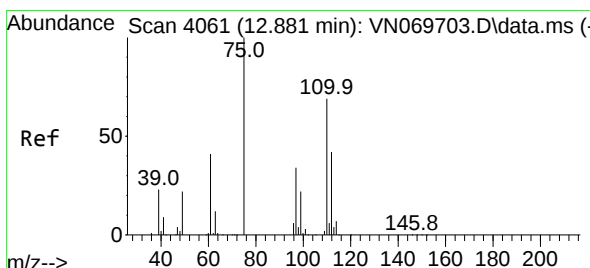
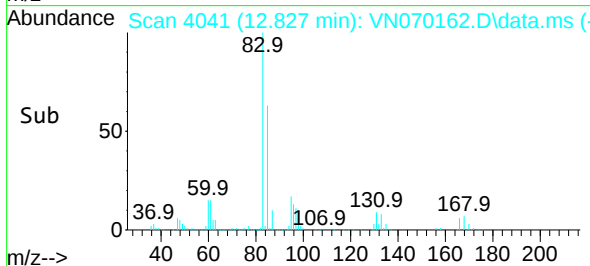
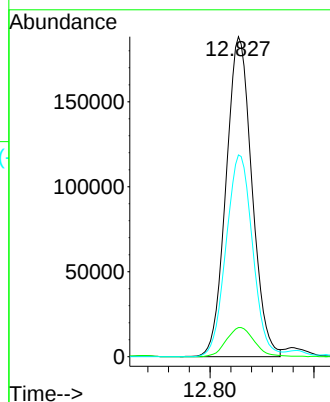
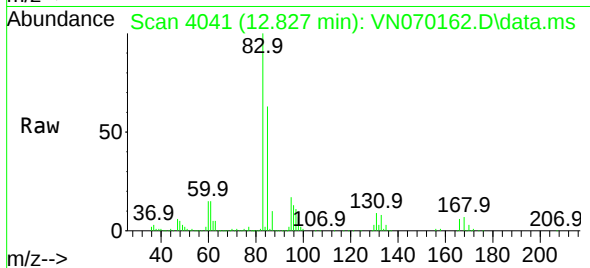
85 64.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#76

1,2,3-Trichloropropane

Concen: 17.880 ug/l m

RT: 12.881 min Scan# 4061

Delta R.T. 0.000 min

Lab File: VN070162.D

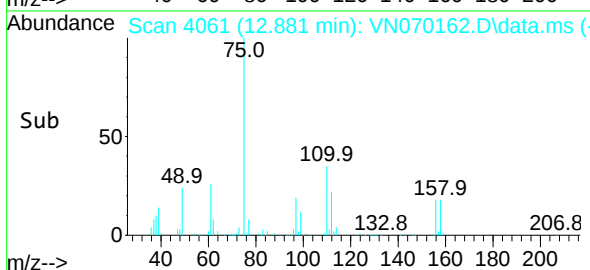
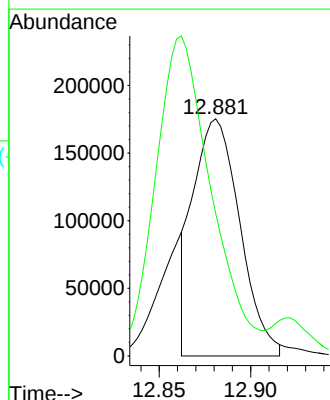
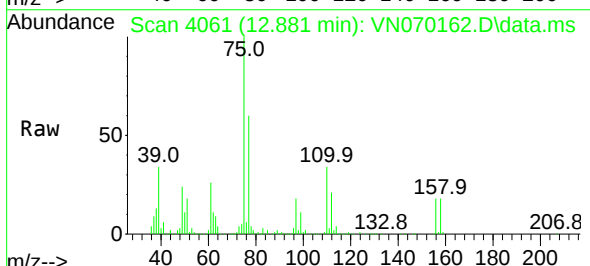
Acq: 17 Dec 2021 14:16

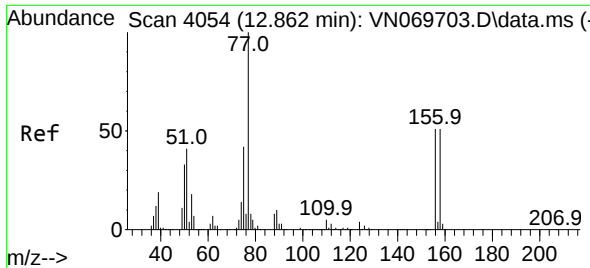
Tgt Ion: 75 Resp: 311467

Ion Ratio Lower Upper

75 100

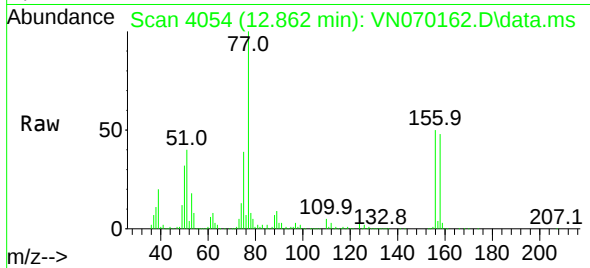
77 161.3 82.6 247.8





#77
Bromobenzene
Concen: 16.794 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

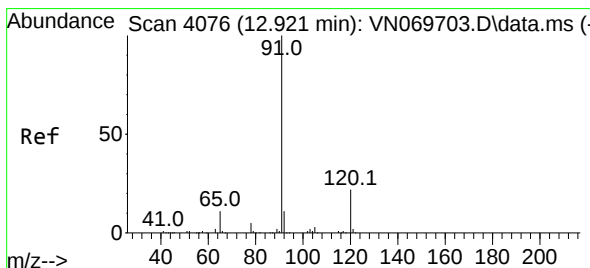
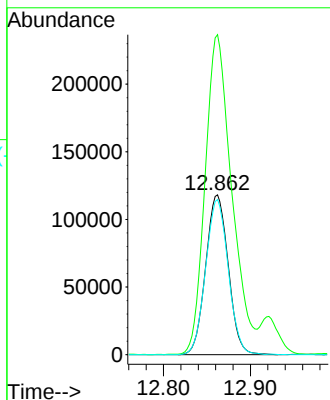
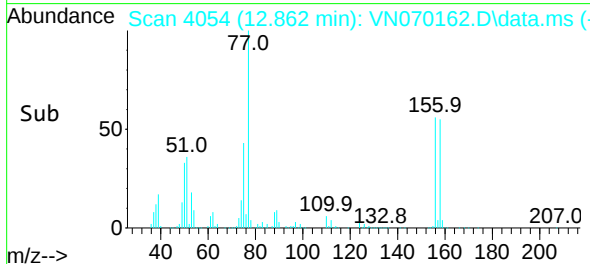
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion:156 Resp: 21318
Ion Ratio Lower Upper
156 100
77 235.6 90.6 271.8
158 97.3 48.9 146.7

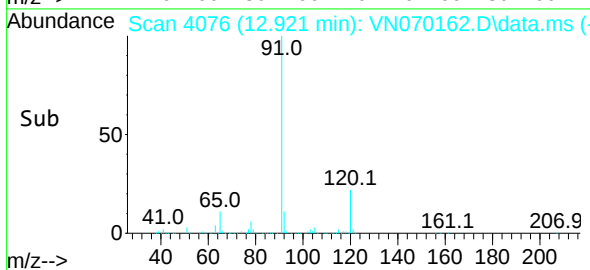
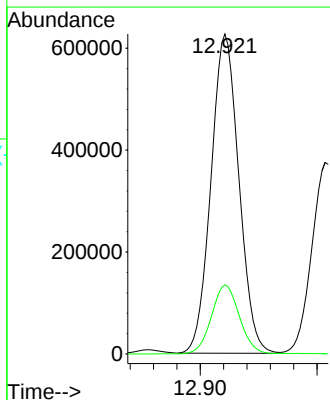
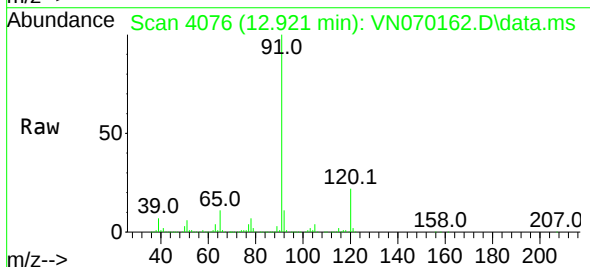
Manual Integrations
APPROVED

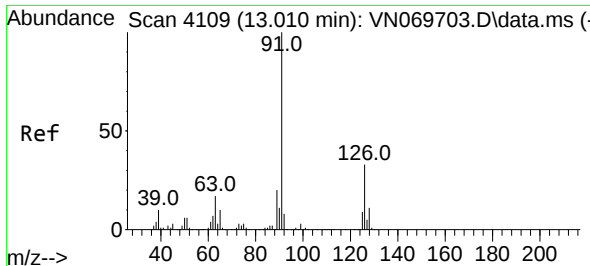
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 17.237 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Tgt Ion: 91 Resp: 1036602
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





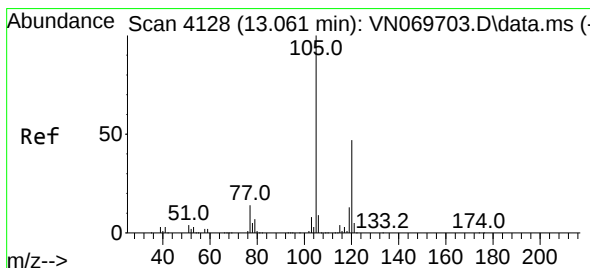
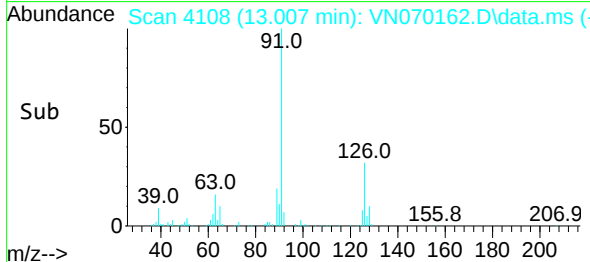
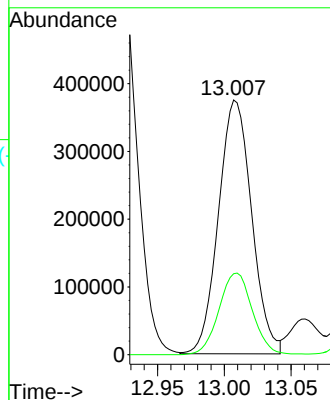
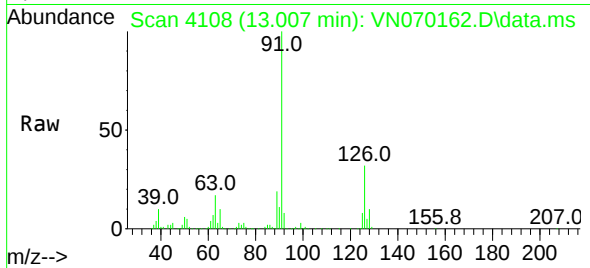
#79
2-Chlorotoluene
Concen: 17.109 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02

Tgt Ion: 91 Resp: 650148
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

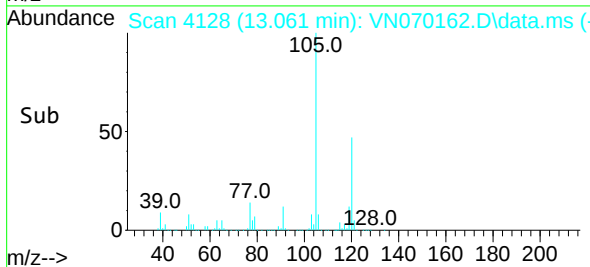
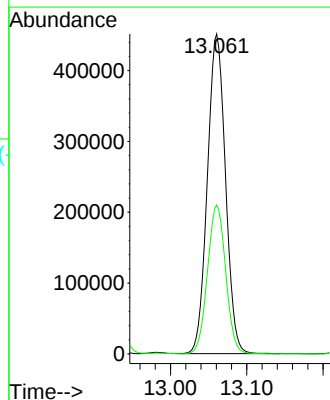
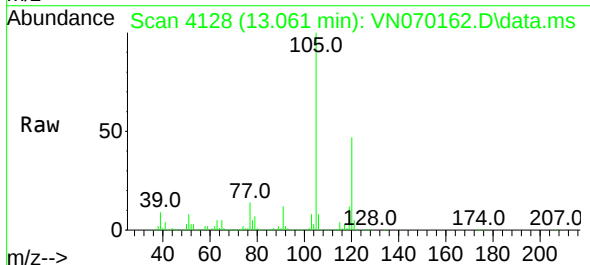
Manual Integrations
APPROVED

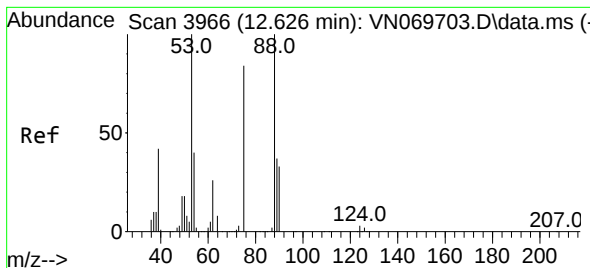
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.116 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

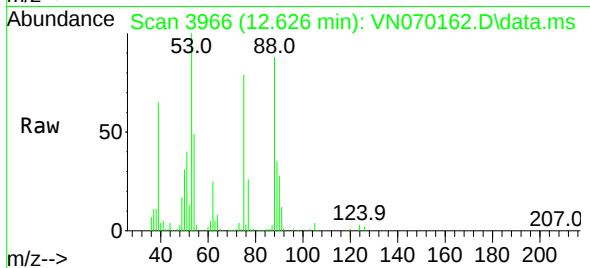
Tgt Ion:105 Resp: 744536
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.440 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

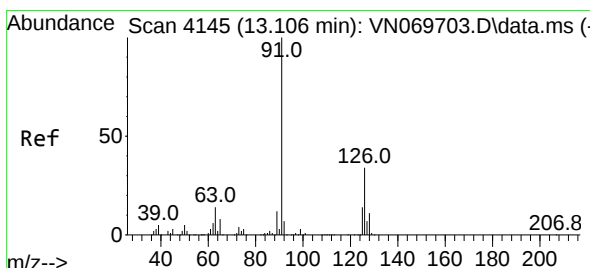
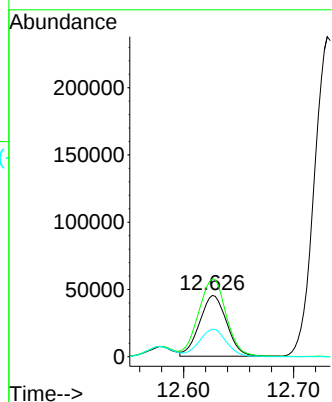
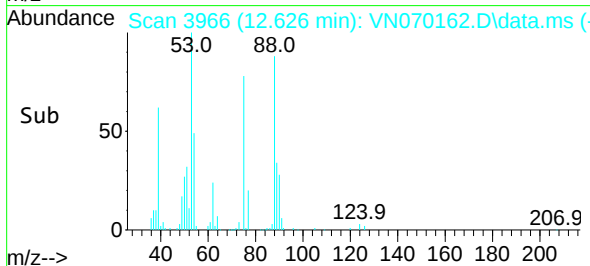
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 75 Resp: 7750
Ion Ratio Lower Upper
75 100
53 133.1 90.5 135.7
89 45.5 38.2 57.4

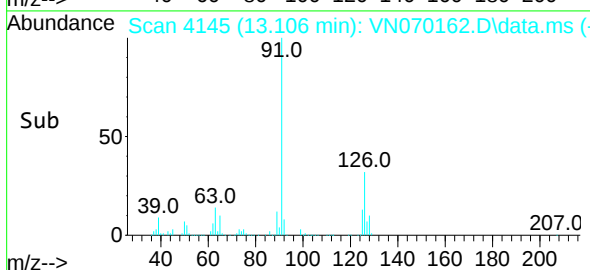
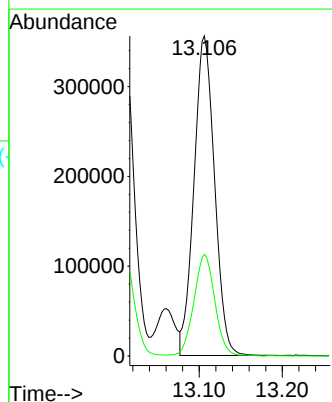
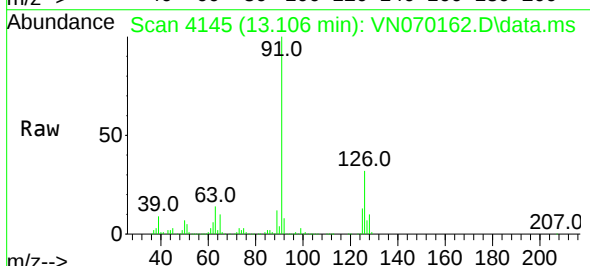
Manual Integrations
APPROVED

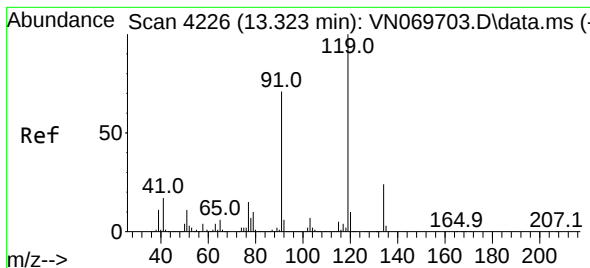
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 17.102 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

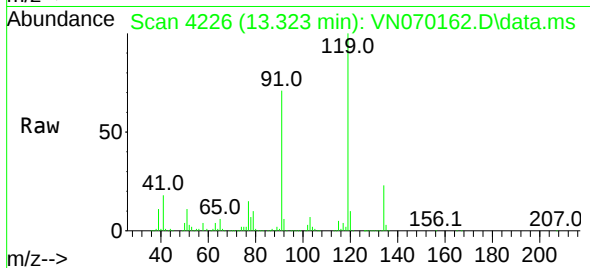
Tgt Ion: 91 Resp: 611152
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 16.978 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

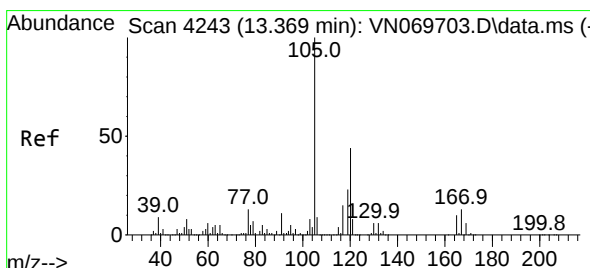
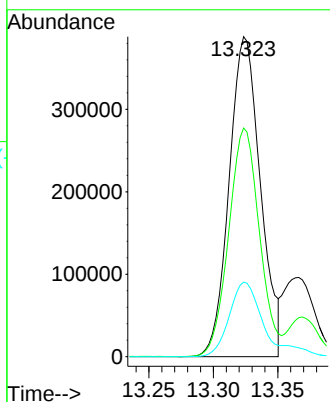
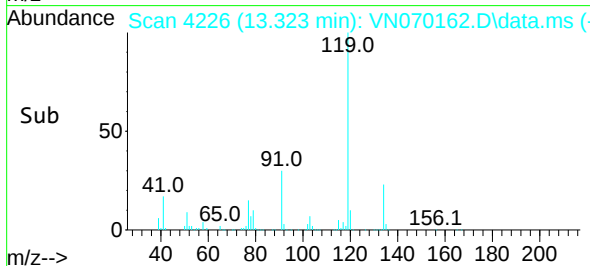
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



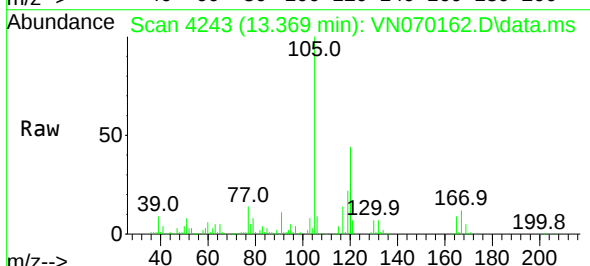
Tgt Ion:119 Resp: 65394
Ion Ratio Lower Upper
119 100
91 70.6 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
APPROVED

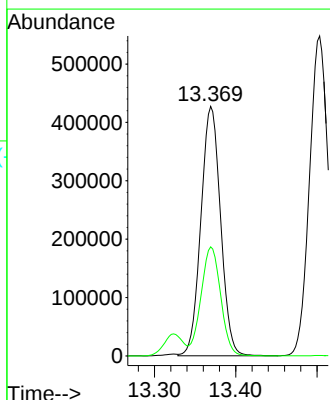
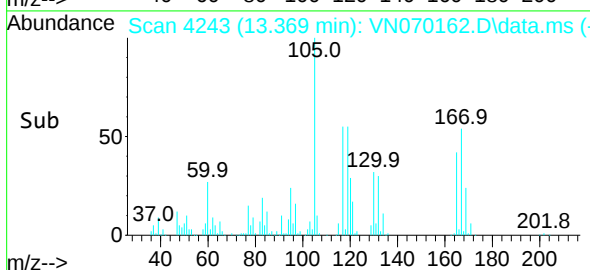
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

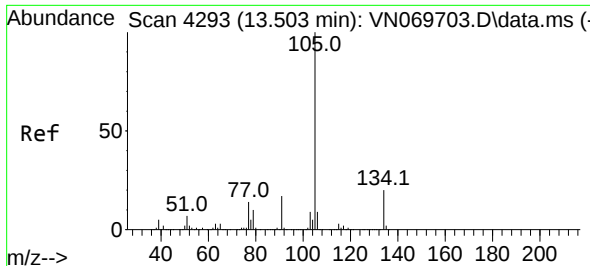


#84
1,2,4-Trimethylbenzene
Concen: 17.315 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



Tgt Ion:105 Resp: 717302
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





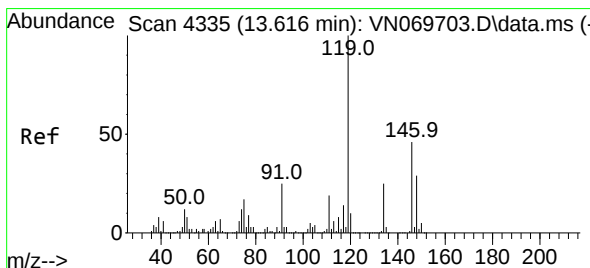
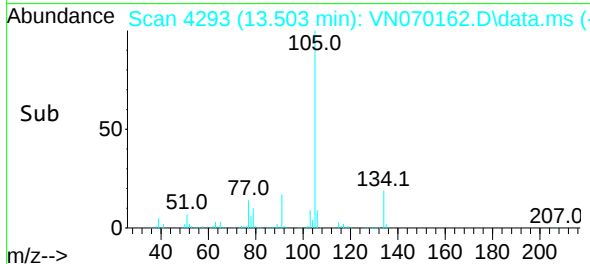
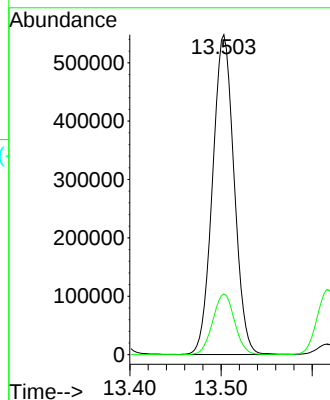
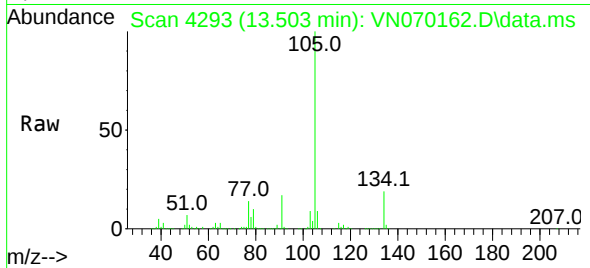
#85
 sec-Butylbenzene
 Concen: 17.207 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070162.D
 Acq: 17 Dec 2021 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS02

Tgt Ion:105 Resp: 898985
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

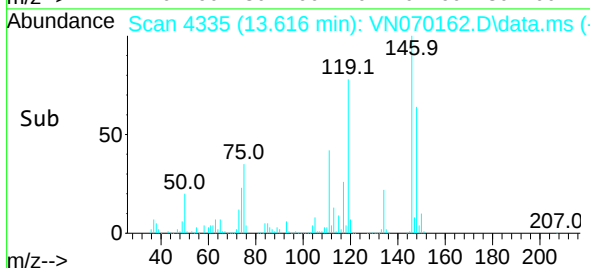
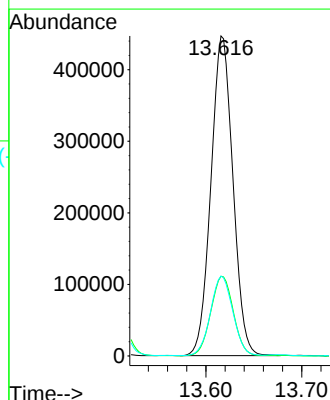
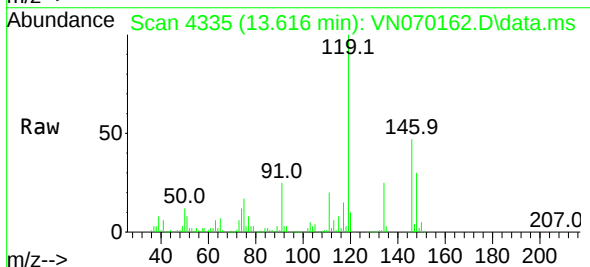
Manual Integrations
 APPROVED

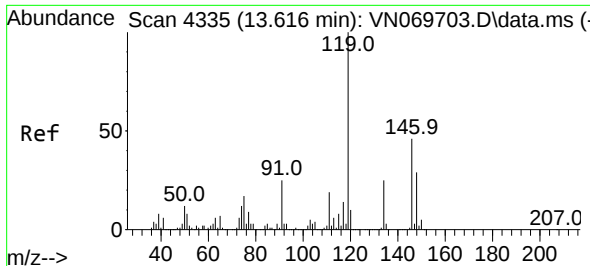
Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 17.418 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070162.D
 Acq: 17 Dec 2021 14:16

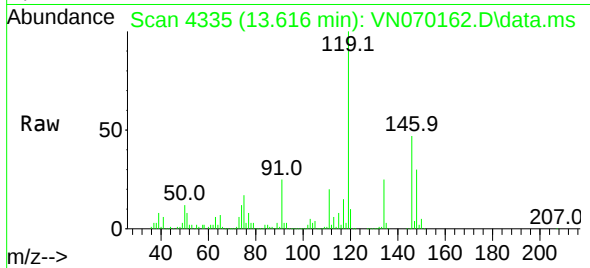
Tgt Ion:119 Resp: 711330
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.215 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

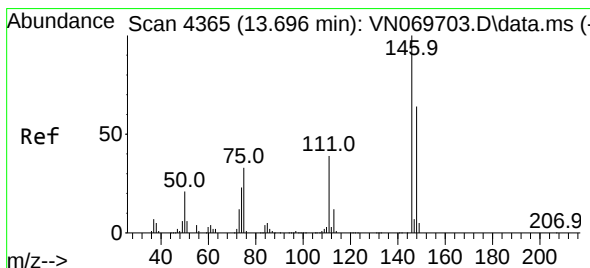
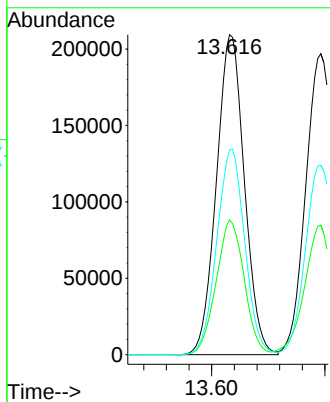
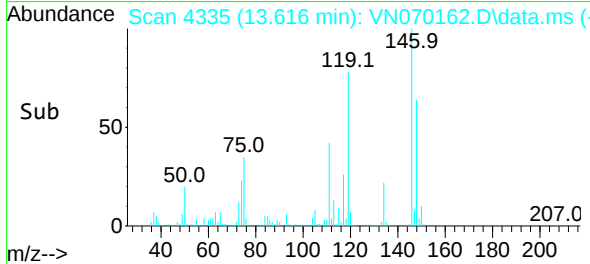
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



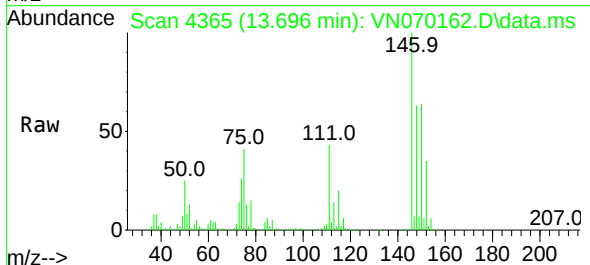
Tgt Ion:146 Resp: 359012
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
APPROVED

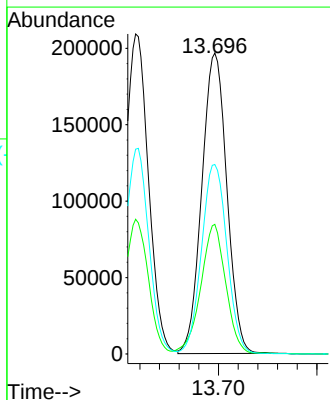
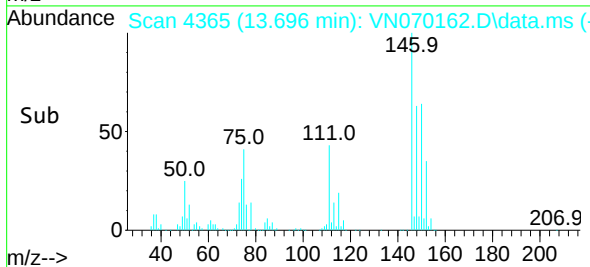
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

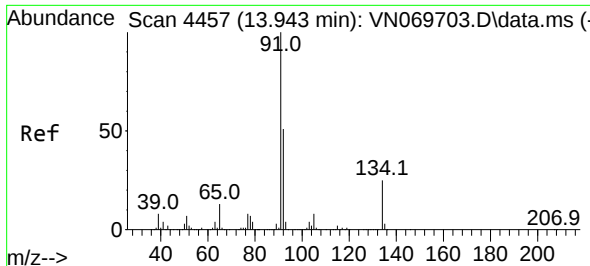


#88
1,4-Dichlorobenzene
Concen: 16.981 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



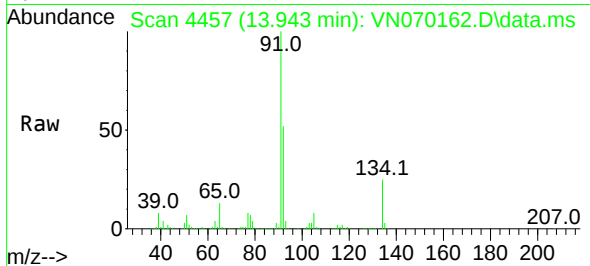
Tgt Ion:146 Resp: 348021
Ion Ratio Lower Upper
146 100
111 43.4 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 17.138 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

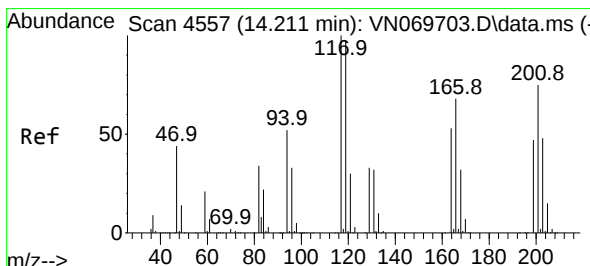
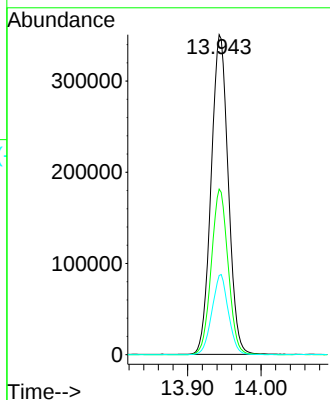
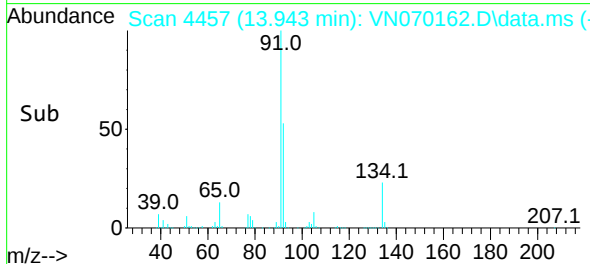
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



Tgt Ion: 91 Resp: 567725
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.1 13.6 40.8

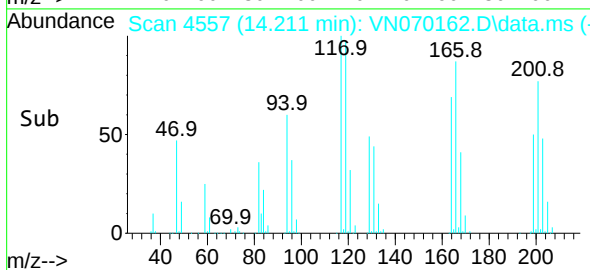
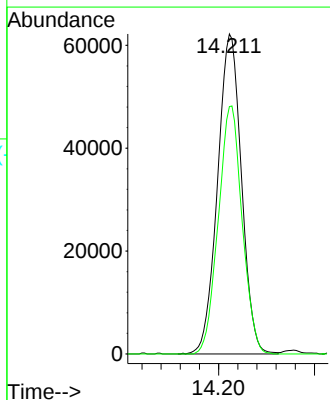
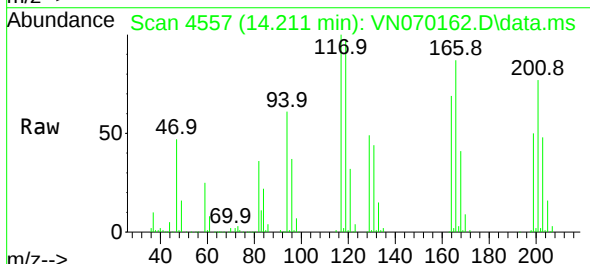
Manual Integrations
APPROVED

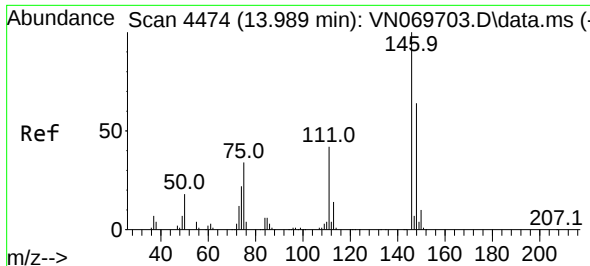
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 15.003 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

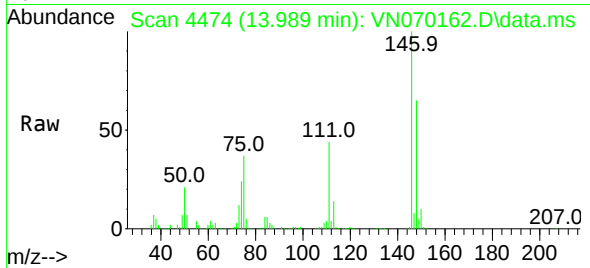
Tgt Ion:117 Resp: 107569
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 17.506 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

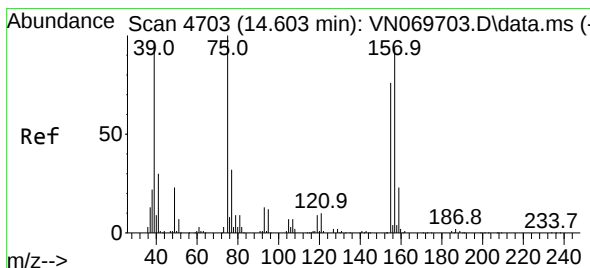
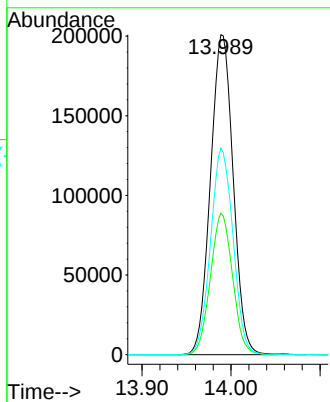
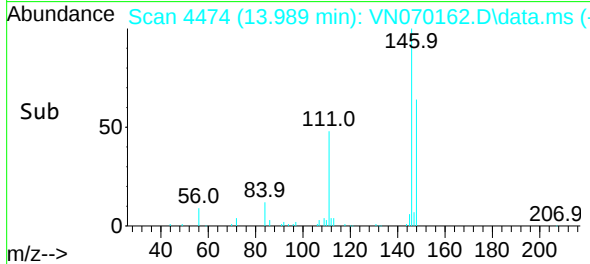
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



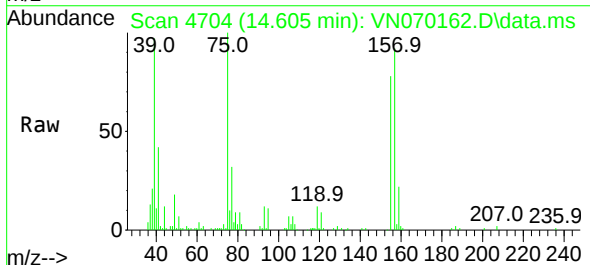
Tgt Ion:146 Resp: 35572
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
APPROVED

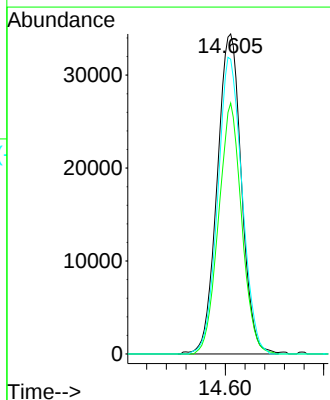
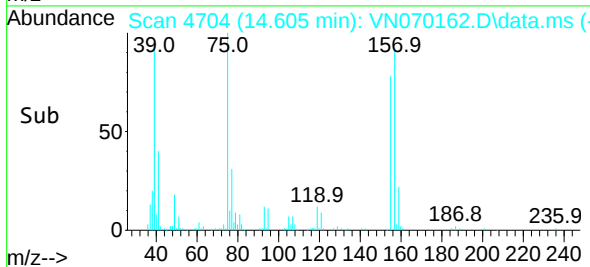
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

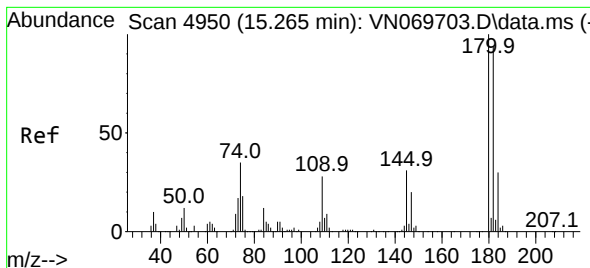


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.483 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



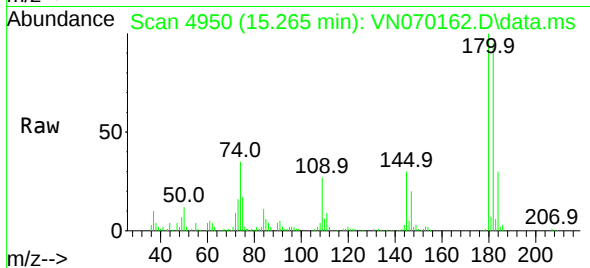
Tgt Ion: 75 Resp: 59042
Ion Ratio Lower Upper
75 100
155 74.5 46.9 140.7
157 92.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.983 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

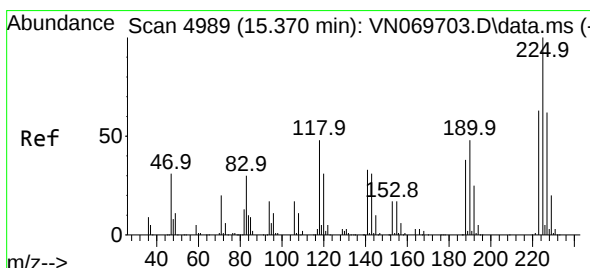
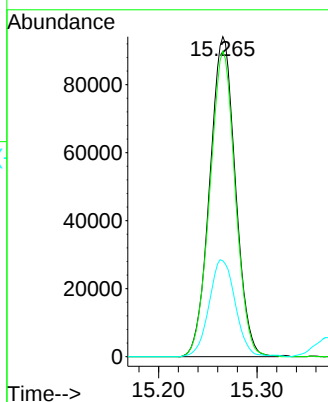
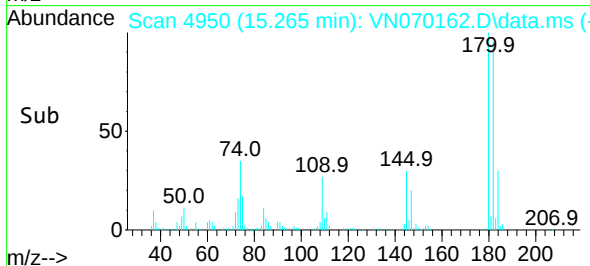
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



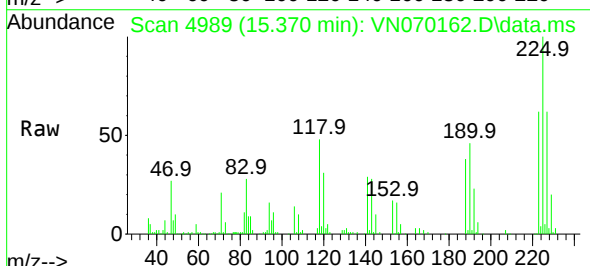
Tgt Ion:180 Resp: 17030
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
APPROVED

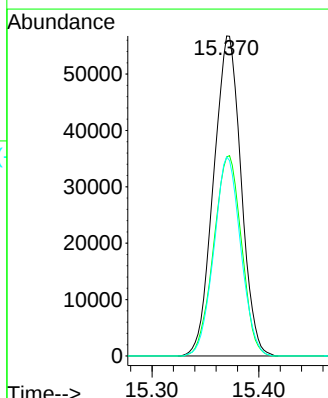
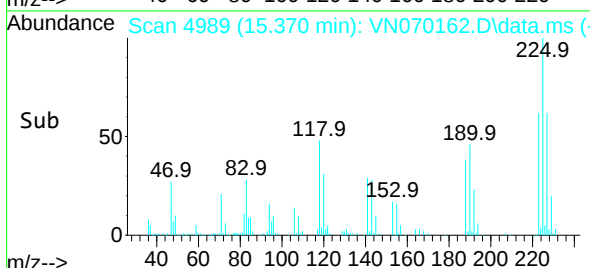
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

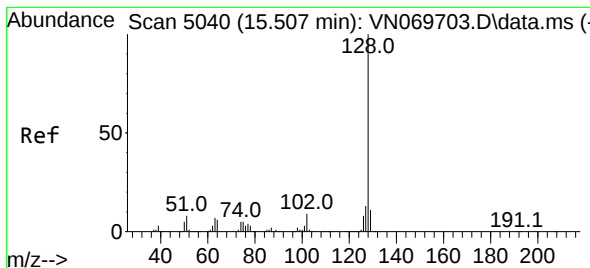


#94
Hexachlorobutadiene
Concen: 18.833 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



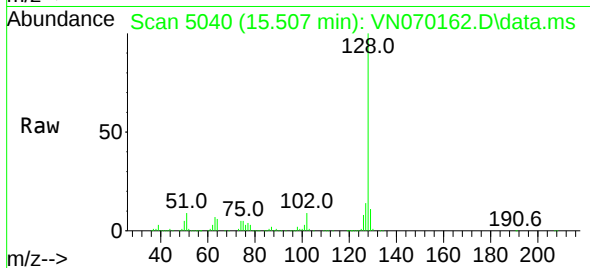
Tgt Ion:225 Resp: 101419
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 60.8 32.1 96.3





#95
Naphthalene
Concen: 22.356 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16

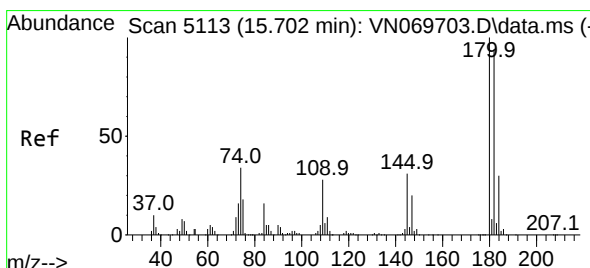
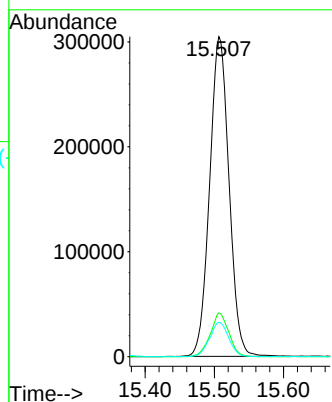
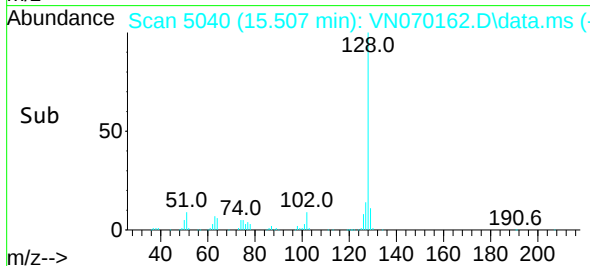
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS02



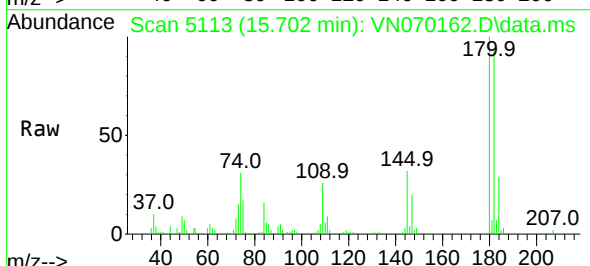
Tgt Ion:128 Resp: 592564
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.356 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070162.D
Acq: 17 Dec 2021 14:16



Tgt Ion:180 Resp: 172760
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.2
145 32.3 15.0 45.1

