

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070004.D
 Acq On : 11 Dec 2021 13:19
 Operator : JC/MD
 Sample : VN1211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:18:47 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	8.088	168	869071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1414495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1302255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	540901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	705917	52.608	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.220%			
35) Dibromofluoromethane	8.024	113	482623	54.472	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.940%			
50) Toluene-d8	10.443	98	1805788	50.758	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.733	95	634063	49.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	196491	19.385	ug/l	99
3) Chloromethane	2.303	50	245922	19.365	ug/l	100
4) Vinyl Chloride	2.448	62	221245	18.947	ug/l	98
5) Bromomethane	2.853	94	124130	19.567	ug/l	96
6) Chloroethane	3.019	64	132162	18.470	ug/l	97
7) Trichlorofluoromethane	3.376	101	297845	19.435	ug/l	100
8) Diethyl Ether	3.824	74	124670	21.122	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.207	101	185974	21.648	ug/l	94
10) Methyl Iodide	4.417	142	222926	18.995	ug/l	99
11) Tert butyl alcohol	5.382	59	257513	101.526	ug/l	98
12) 1,1-Dichloroethene	4.178	96	163928	19.802	ug/l	87
13) Acrolein	4.041	56	239772	111.006	ug/l	97
14) Allyl chloride	4.840	41	393012	21.069	ug/l #	92
15) Acrylonitrile	5.559	53	722433	105.700	ug/l	99
16) Acetone	4.291	43	845292	104.721	ug/l	97
17) Carbon Disulfide	4.527	76	449605	21.022	ug/l	99
18) Methyl Acetate	4.856	43	518888	21.297	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	669731	20.807	ug/l	96
20) Methylene Chloride	5.095	84	216424	20.169	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	178567	19.860	ug/l	86
22) Diisopropyl ether	6.500	45	799365	21.924	ug/l #	94
23) Vinyl Acetate	6.436	43	3274947	110.407	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	400143	21.186	ug/l	98
25) 2-Butanone	7.340	43	1126519	102.717	ug/l	91
26) 2,2-Dichloropropane	7.327	77	308227	20.990	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	218515	20.115	ug/l	83
28) Bromochloromethane	7.659	49	189752	19.320	ug/l #	76
29) Tetrahydrofuran	7.689	42	702812	105.534	ug/l #	86
30) Chloroform	7.820	83	406794	21.327	ug/l	100
31) Cyclohexane	8.096	56	373766	20.015	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	339926	20.921	ug/l	95
36) 1,1-Dichloropropene	8.222	75	278056	20.649	ug/l	96
37) Ethyl Acetate	7.415	43	419751	20.944	ug/l	95
38) Carbon Tetrachloride	8.206	117	289945	21.958	ug/l	100
39) Methylcyclohexane	9.459	83	320277	19.996	ug/l	89
40) Benzene	8.461	78	858612	20.861	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070004.D
 Acq On : 11 Dec 2021 13:19
 Operator : JC/MD
 Sample : VN1211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:18:47 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)
41) Methacrylonitrile	7.640	41	205472	21.840	ug/l	89
42) 1,2-Dichloroethane	8.531	62	355868	21.418	ug/l	97
43) Isopropyl Acetate	8.563	43	647702	21.839	ug/l #	92
44) Trichloroethene	9.217	130	201485	20.510	ug/l	90
45) 1,2-Dichloropropane	9.494	63	242920	21.978	ug/l	98
46) Dibromomethane	9.579	93	159549	22.011	ug/l	92
47) Bromodichloromethane	9.764	83	330849	24.107	ug/l	97
48) Methyl methacrylate	9.561	41	295002	21.314	ug/l	88
49) 1,4-Dioxane	9.571	88	103270	415.827	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	2133985	110.912	ug/l	94
52) Toluene	10.505	92	523072	20.816	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	330472	21.693	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	355124	21.675	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	221650	21.862	ug/l	98
56) Ethyl methacrylate	10.762	69	353475	19.914	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	382986	21.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	406621	91.309	ug/l	90
59) 2-Hexanone	11.087	43	1548563	106.396	ug/l	91
60) Dibromochloromethane	11.240	129	237497	23.200	ug/l	99
61) 1,2-Dibromoethane	11.347	107	220013	20.951	ug/l	100
64) Tetrachloroethene	10.979	164	167480	18.967	ug/l	95
65) Chlorobenzene	11.771	112	544162	20.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	211089	22.701	ug/l	99
67) Ethyl Benzene	11.846	91	1002457	20.889	ug/l	96
68) m/p-Xylenes	11.956	106	734768	42.051	ug/l	91
69) o-Xylene	12.283	106	361128	20.518	ug/l	91
70) Styrene	12.296	104	592813	21.241	ug/l	96
71) Bromoform	12.460	173	180098	24.139	ug/l #	100
73) Isopropylbenzene	12.581	105	944195	19.620	ug/l	97
74) N-amyl acetate	12.390	43	434098	20.397	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	357985	21.511	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	313148m	20.188	ug/l	
77) Bromobenzene	12.862	156	225191	19.921	ug/l	76
78) n-propylbenzene	12.921	91	1085375	20.267	ug/l	95
79) 2-Chlorotoluene	13.010	91	671935	19.857	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	772986	19.956	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	97766	23.013	ug/l	93
82) 4-Chlorotoluene	13.106	91	644657	20.258	ug/l	92
83) tert-Butylbenzene	13.326	119	665781	19.411	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	754807	20.461	ug/l	97
85) sec-Butylbenzene	13.503	105	925607	19.896	ug/l	97
86) p-Isopropyltoluene	13.616	119	728380	20.030	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	380901	20.511	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	365394	20.022	ug/l	96
89) n-Butylbenzene	13.943	91	576309	19.537	ug/l	97
90) Hexachloroethane	14.211	117	153396	24.026	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	375639	20.760	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	68280	22.706	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	162061	20.088	ug/l	98
94) Hexachlorobutadiene	15.370	225	101376	21.140	ug/l	99
95) Naphthalene	15.509	128	422522	18.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	161611	20.211	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070004.D
 Acq On : 11 Dec 2021 13:19
 Operator : JC/MD
 Sample : VN1211MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN1211MBSD01

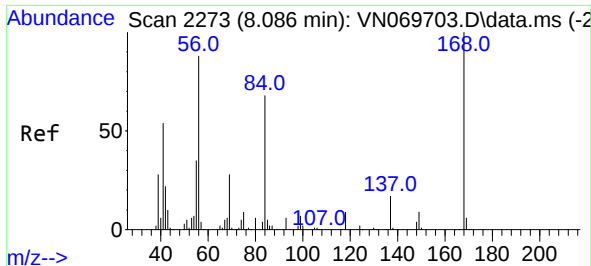
Manual Integrations
APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:18:47 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



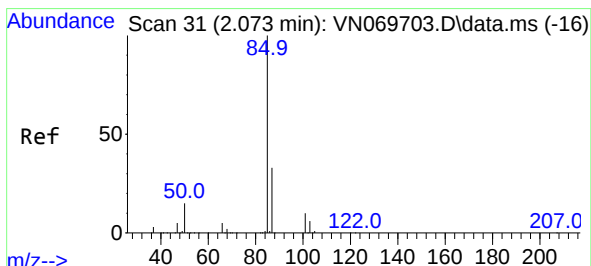
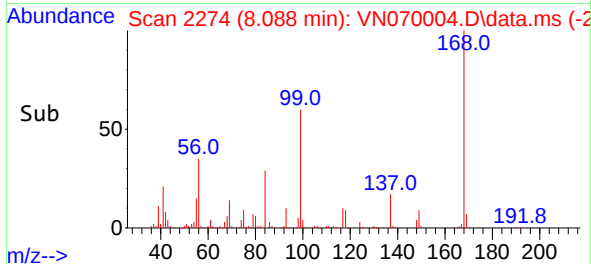
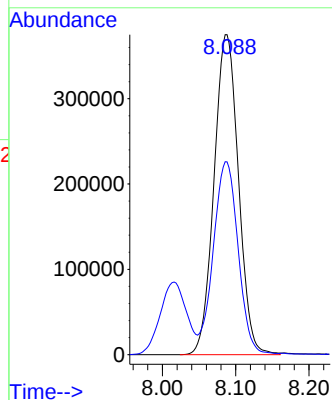
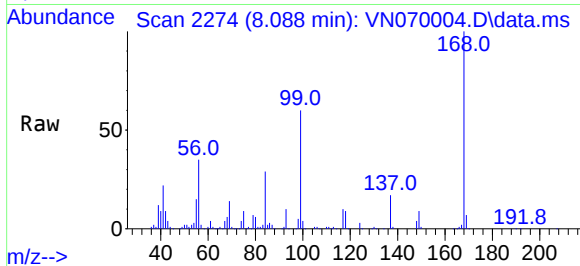
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:168 Resp: 86907
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

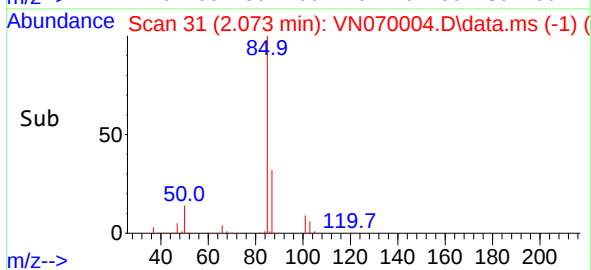
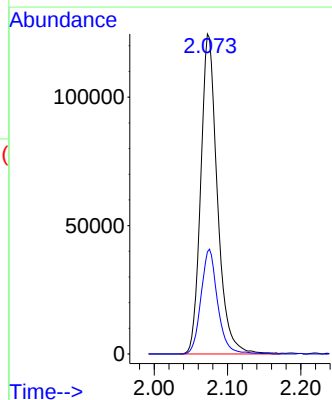
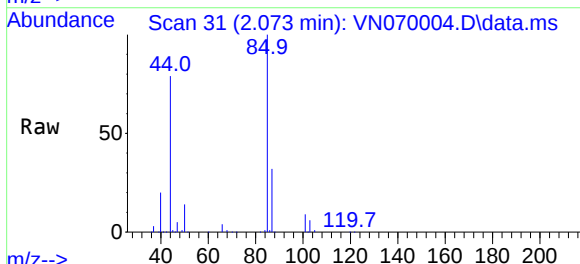
Manual Integrations
APPROVED

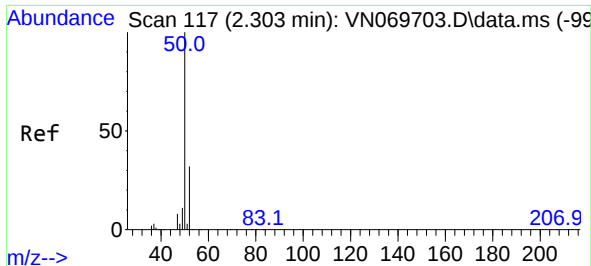
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#2
Dichlorodifluoromethane
Concen: 19.385 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

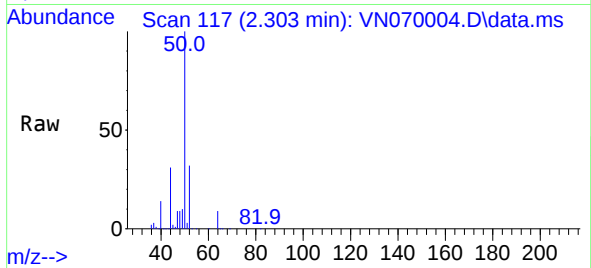
Tgt Ion: 85 Resp: 196491
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 19.365 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

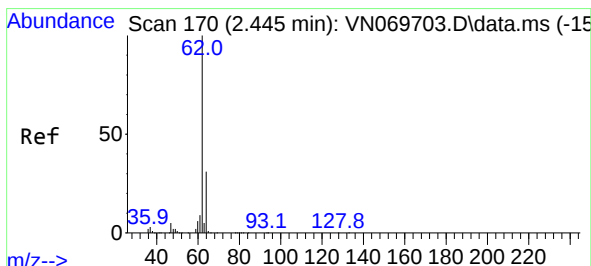
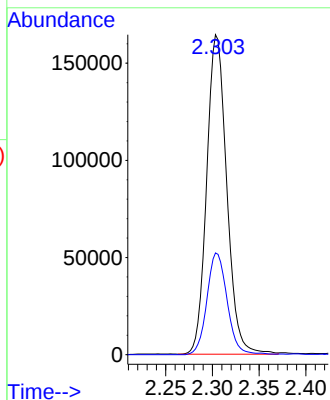
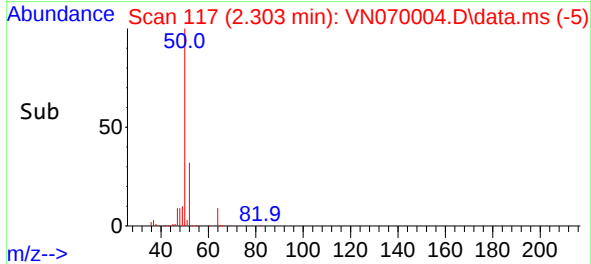
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



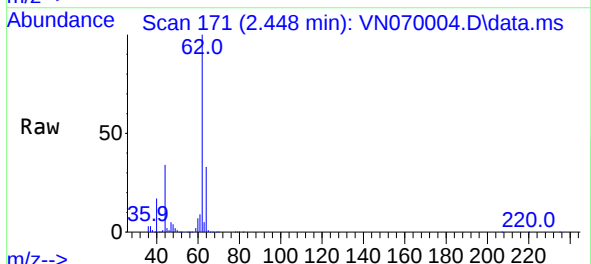
Tgt Ion: 50 Resp: 24592
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

Manual Integrations
APPROVED

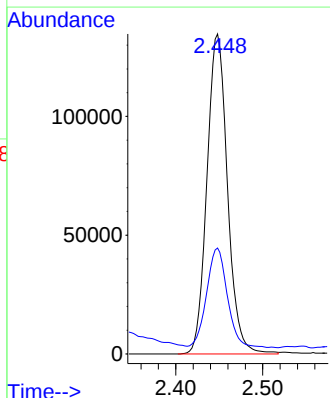
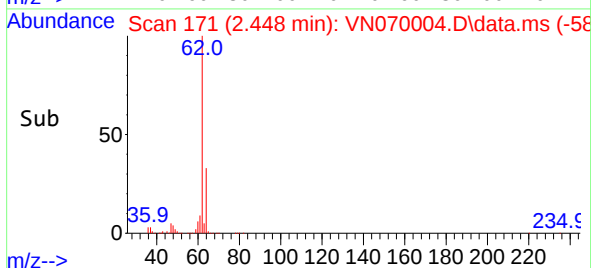
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

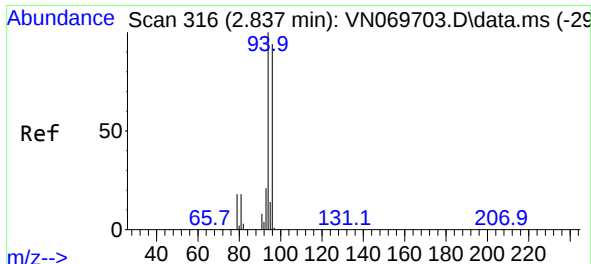


#4
Vinyl Chloride
Concen: 18.947 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



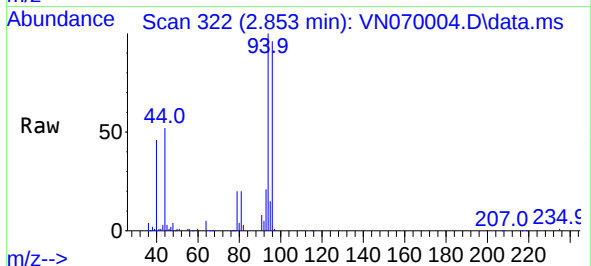
Tgt Ion: 62 Resp: 221245
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 19.567 ug/l
RT: 2.853 min Scan# 316
Delta R.T. 0.016 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

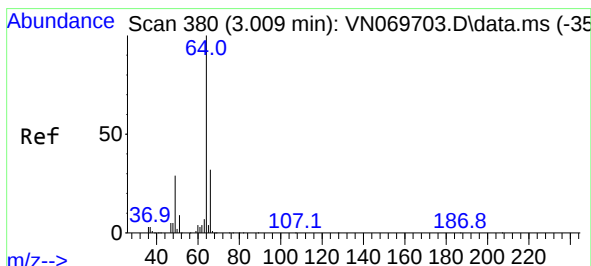
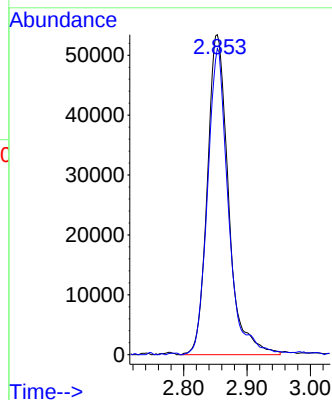
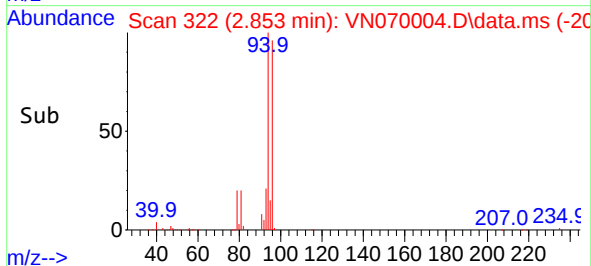
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



Tgt Ion: 94 Resp: 124130
Ion Ratio Lower Upper
94 100
96 95.7 73.8 110.8

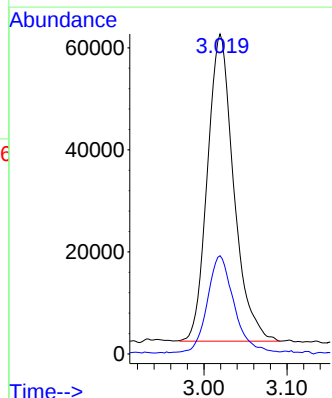
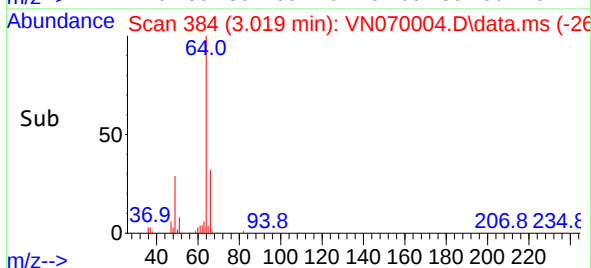
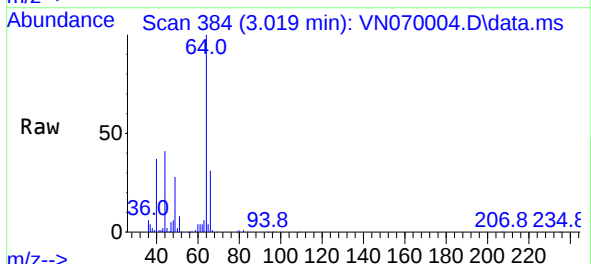
Manual Integrations
APPROVED

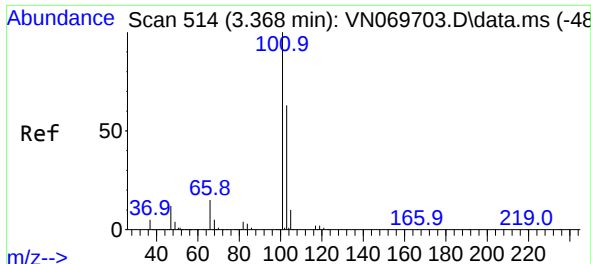
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#6
Chloroethane
Concen: 18.470 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion: 64 Resp: 132162
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





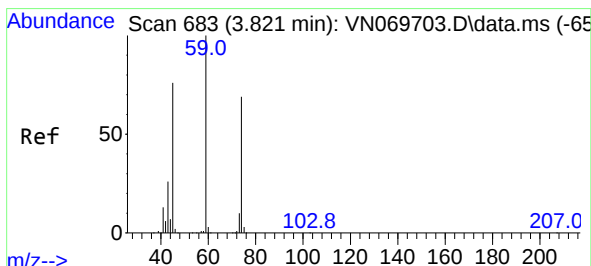
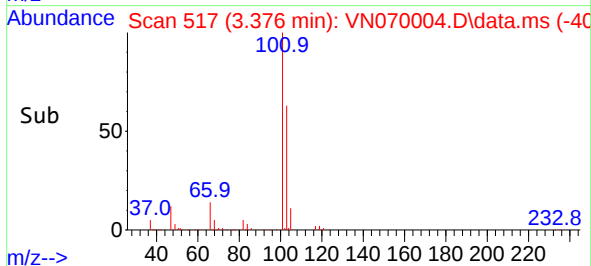
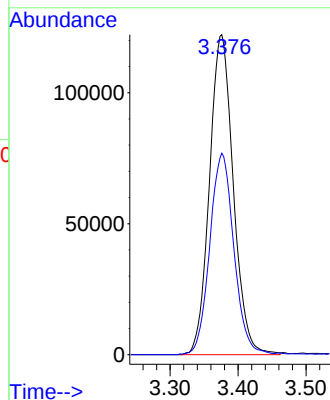
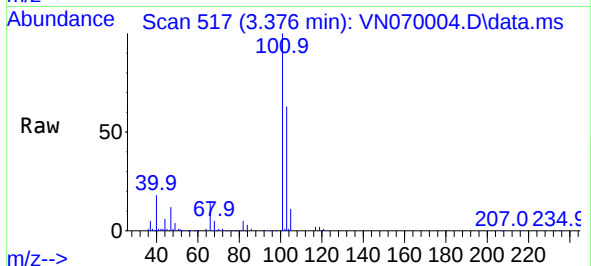
#7
Trichlorofluoromethane
Concen: 19.435 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:101 Resp: 29784
Ion Ratio Lower Upper
101 100
103 62.7 50.1 75.1

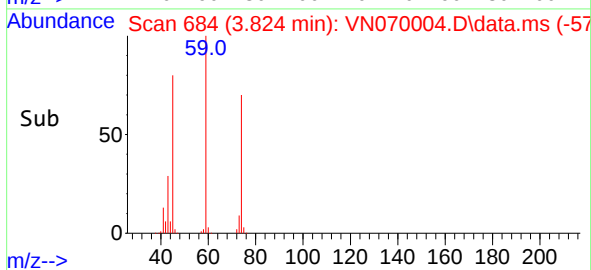
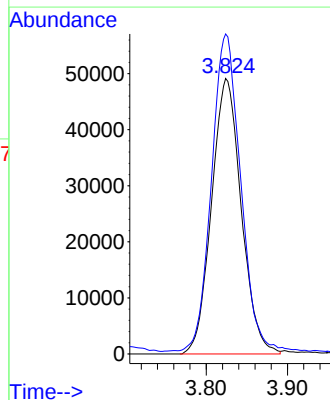
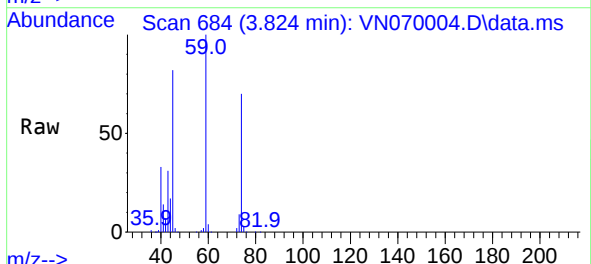
Manual Integrations
APPROVED

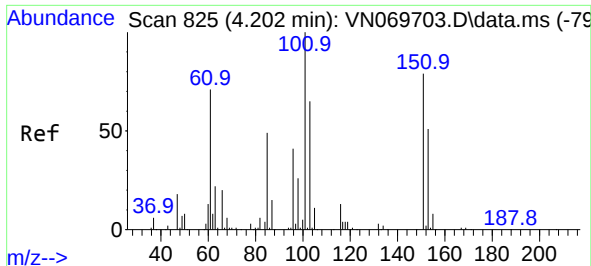
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 21.122 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion: 74 Resp: 124670
Ion Ratio Lower Upper
74 100
45 112.5 47.0 141.2





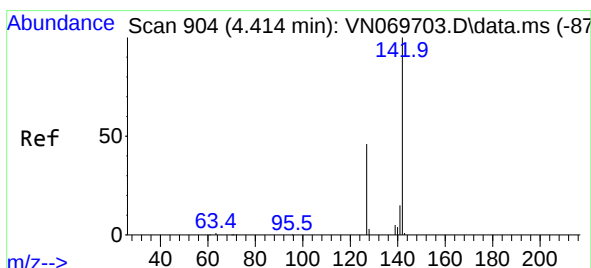
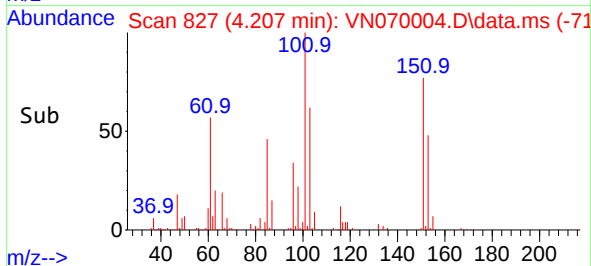
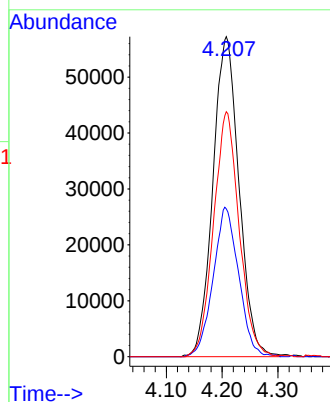
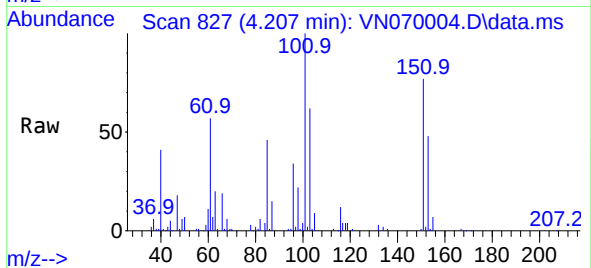
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.648 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:101 Resp: 185974
Ion Ratio Lower Upper
101 100
85 45.4 37.2 55.8
151 75.1 65.9 98.9

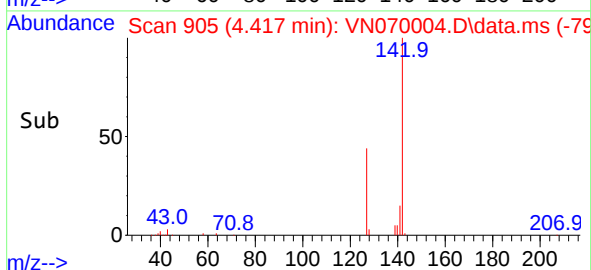
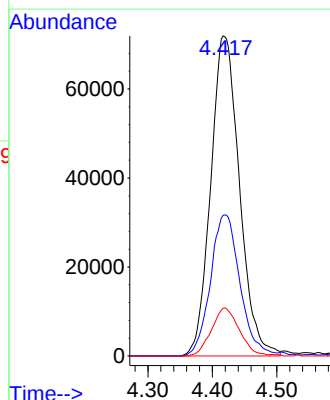
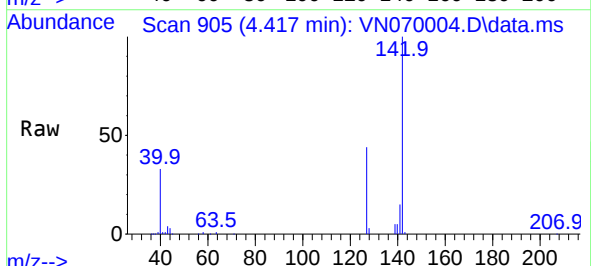
Manual Integrations
APPROVED

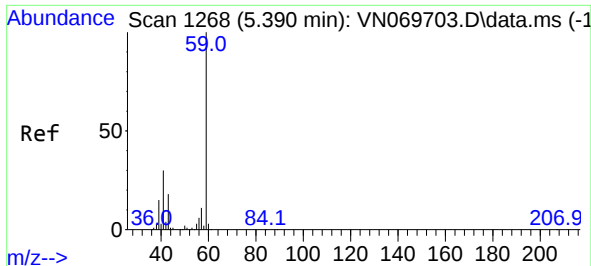
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 18.995 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

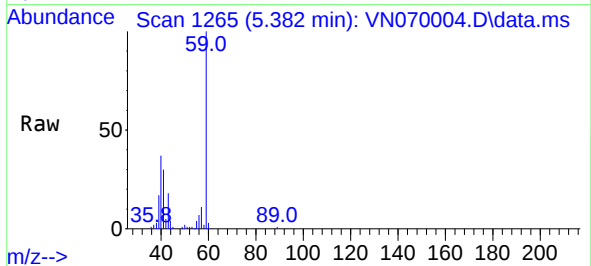
Tgt Ion:142 Resp: 222926
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 101.526 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

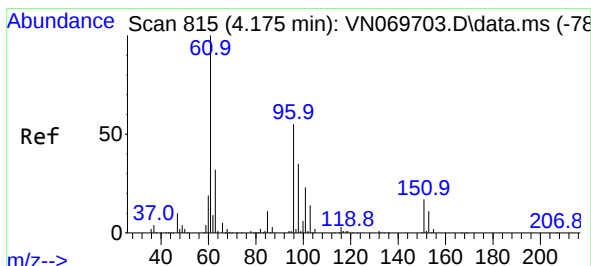
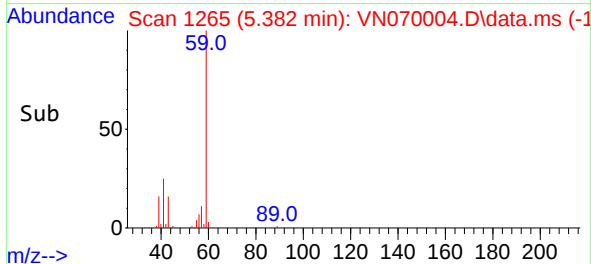
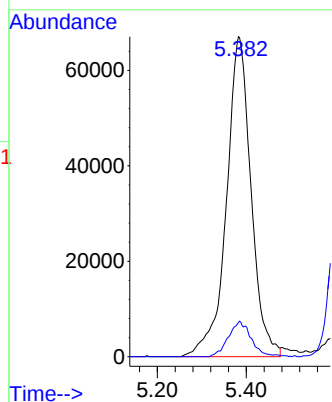
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



Tgt Ion: 59 Resp: 25751
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

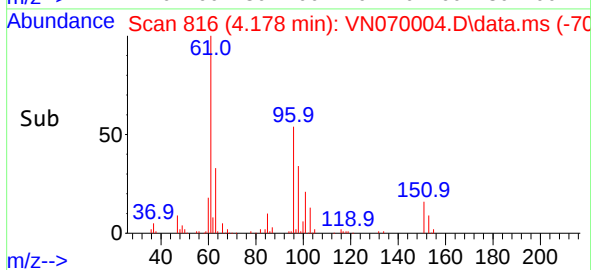
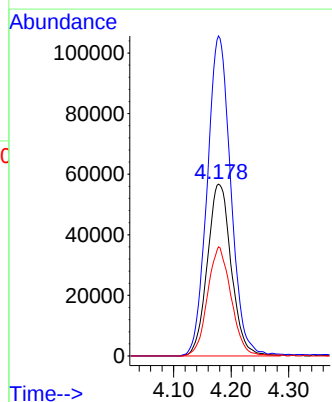
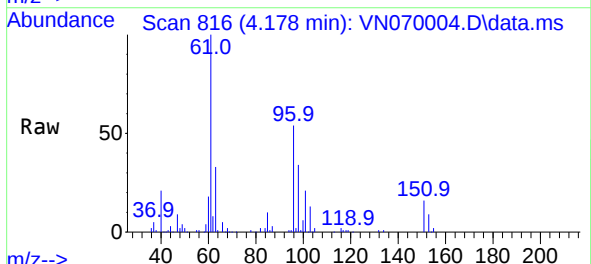
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 19.802 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

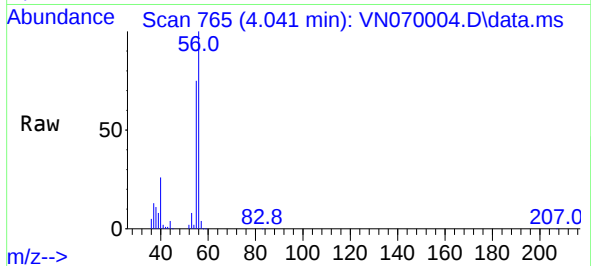
Tgt Ion: 96 Resp: 163928
Ion Ratio Lower Upper
96 100
61 186.2 131.0 196.6
98 63.5 52.4 78.6





#13
Acrolein
Concen: 111.006 ug/l
RT: 4.041 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

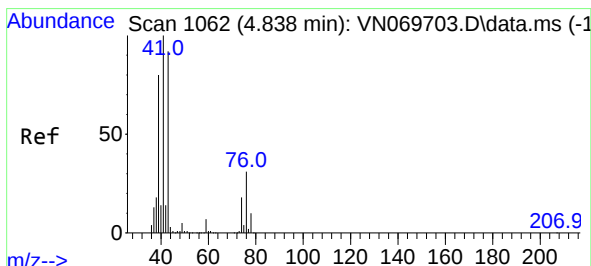
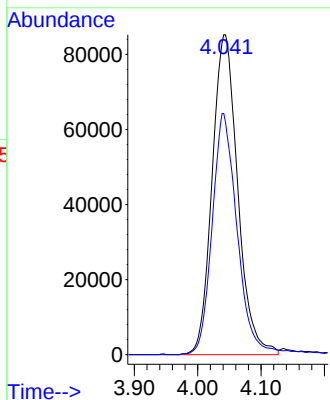
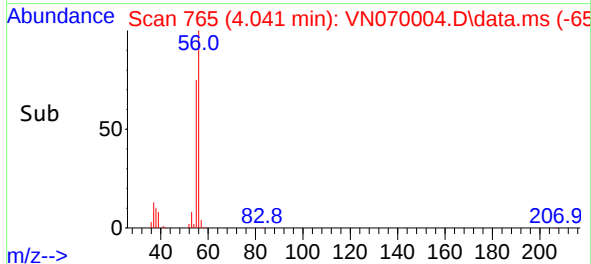
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



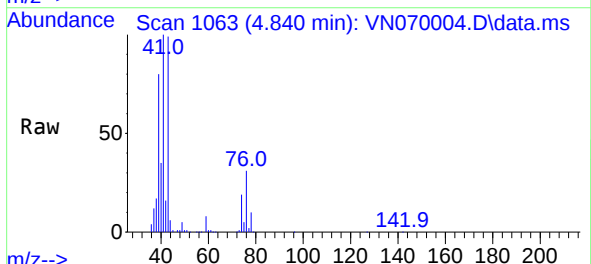
Tgt Ion: 56 Resp: 239772
Ion Ratio Lower Upper
56 100
55 73.1 56.6 85.0

Manual Integrations
APPROVED

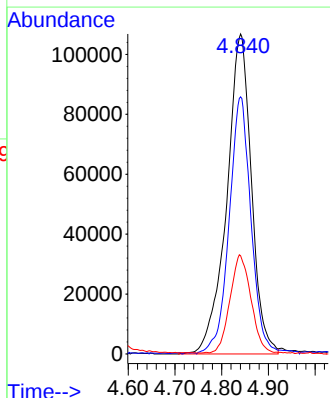
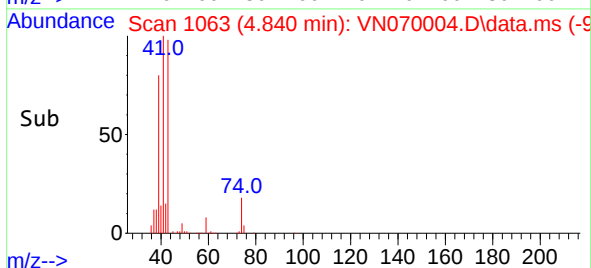
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

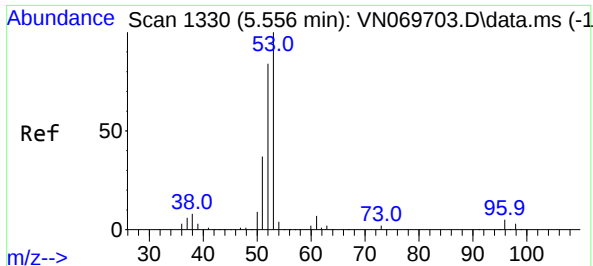


#14
Allyl chloride
Concen: 21.069 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion: 41 Resp: 393012
Ion Ratio Lower Upper
41 100
39 71.6 61.2 91.8
76 25.7 26.0 39.0





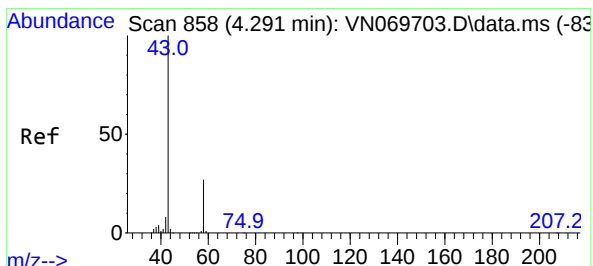
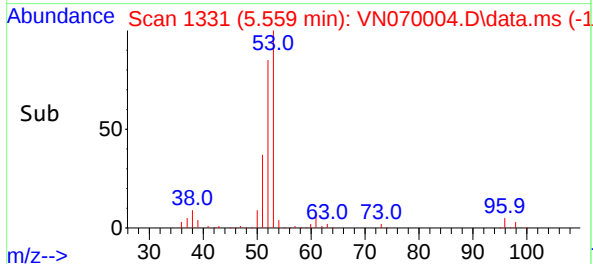
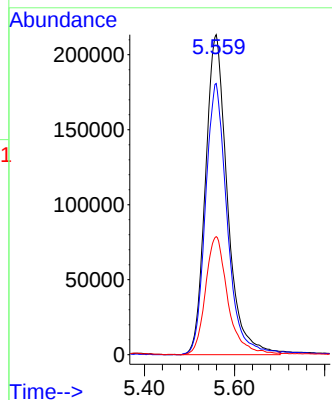
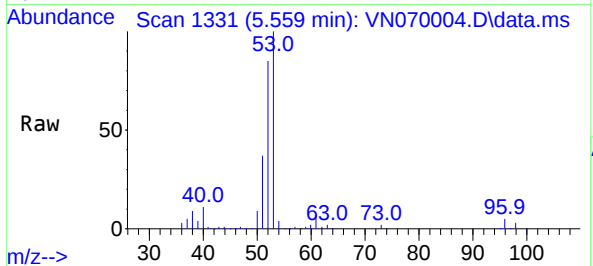
#15
Acrylonitrile
Concen: 105.700 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 53 Resp: 72243
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 37.2 29.6 44.4

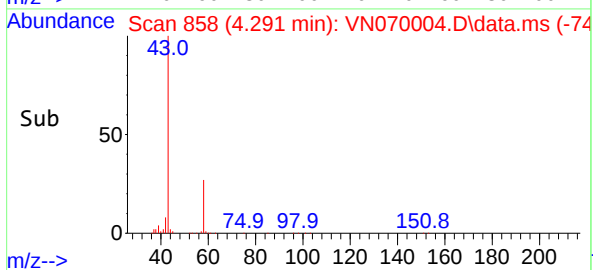
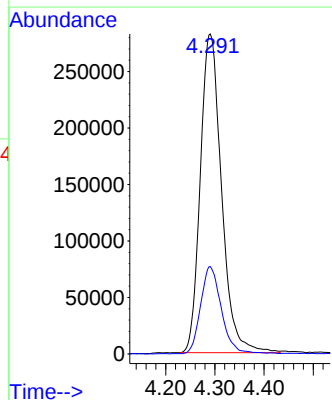
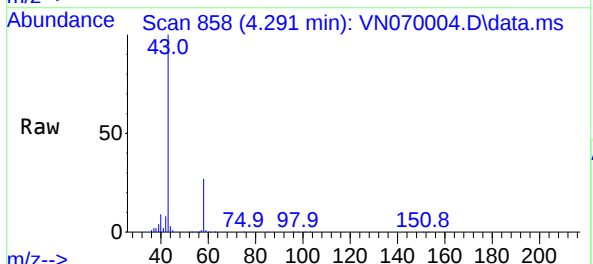
Manual Integrations
APPROVED

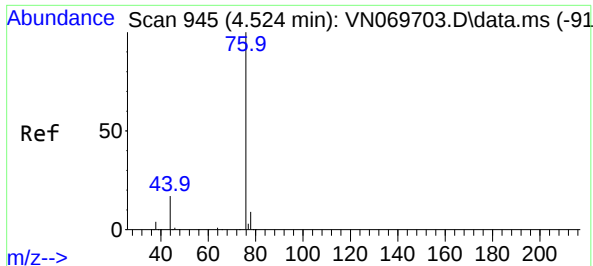
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 104.721 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion: 43 Resp: 845292
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





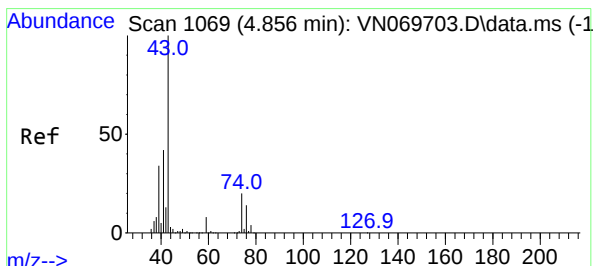
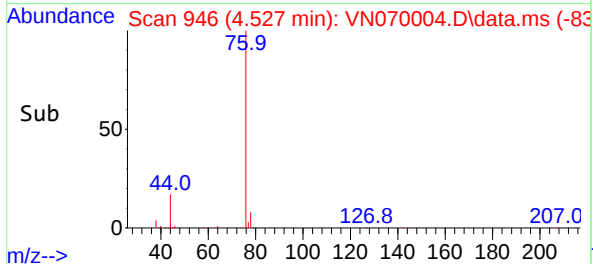
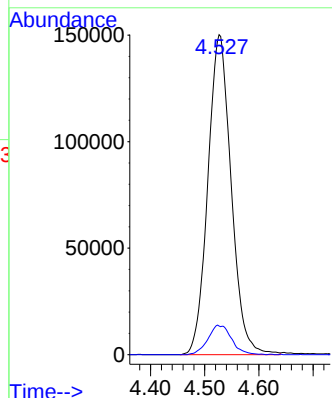
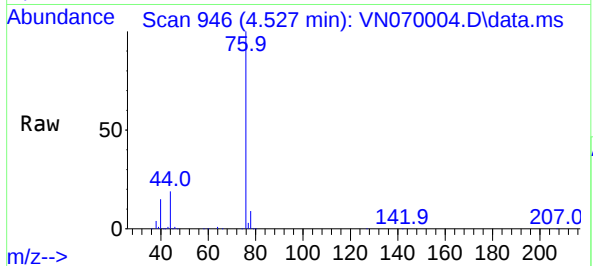
#17
Carbon Disulfide
Concen: 21.022 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 76 Resp: 449608
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

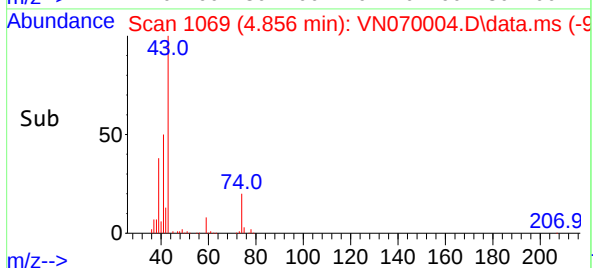
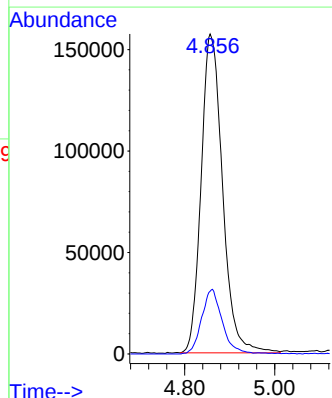
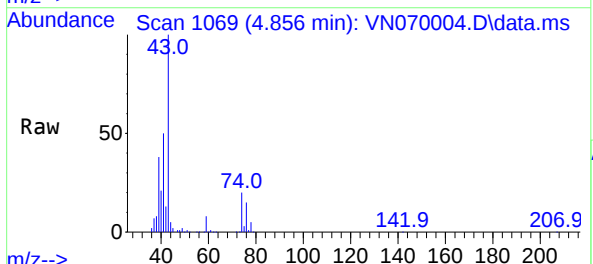
Manual Integrations
APPROVED

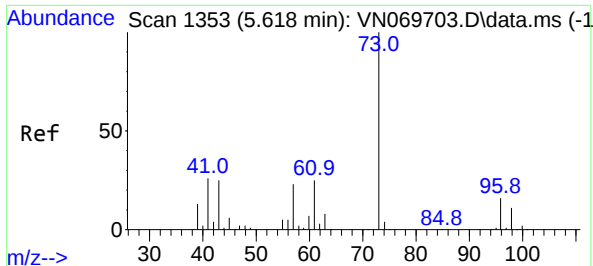
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 21.297 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion: 43 Resp: 518888
Ion Ratio Lower Upper
43 100
74 19.3 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 20.807 ug/l

RT: 5.621 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBSD01

Tgt Ion: 73 Resp: 66973

Ion Ratio Lower Upper

73 100

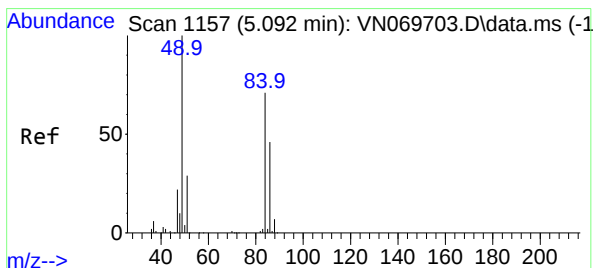
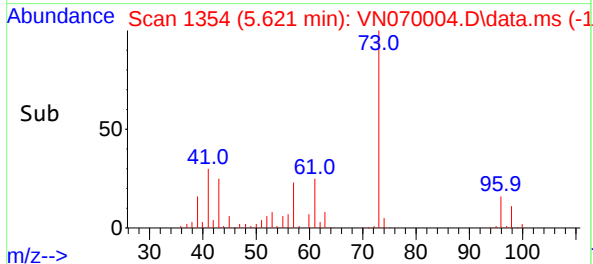
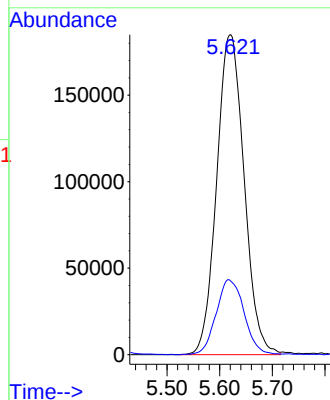
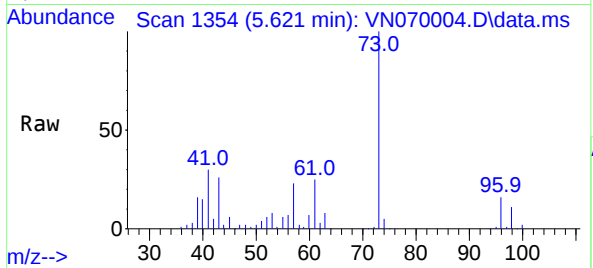
57 23.0 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 20.169 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

Tgt Ion: 84 Resp: 216424

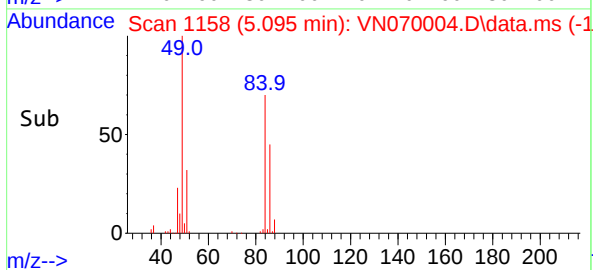
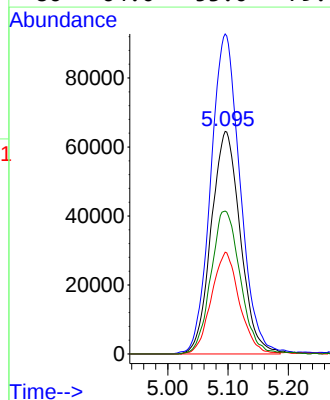
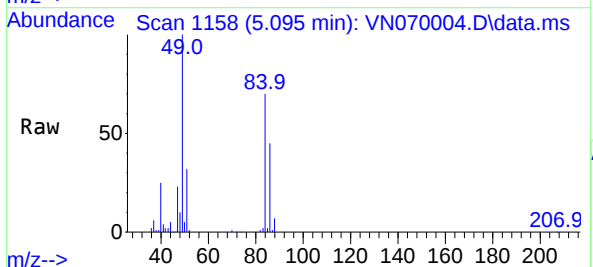
Ion Ratio Lower Upper

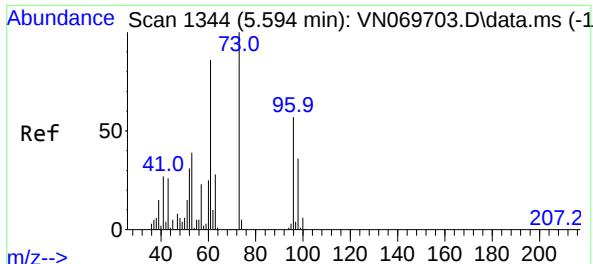
84 100

49 142.9 93.5 140.3#

51 45.4 29.4 44.2#

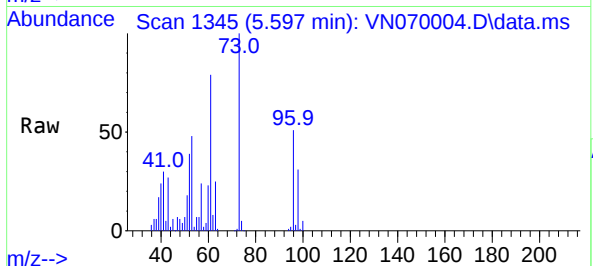
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.860 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

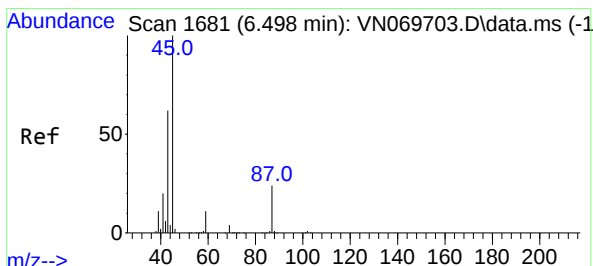
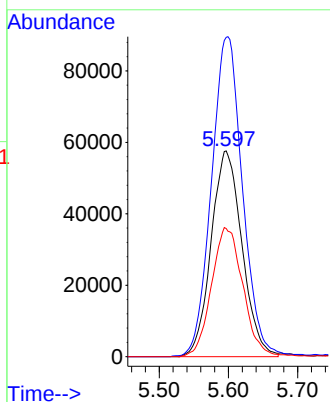
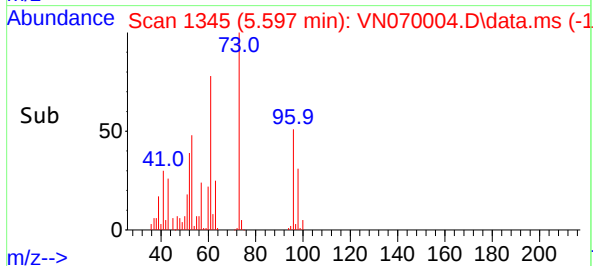
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



Tgt Ion: 96 Resp: 17856
Ion Ratio Lower Upper
96 100
61 154.7 105.8 158.6
98 62.3 52.0 78.0

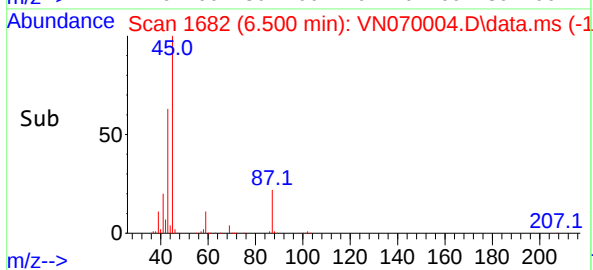
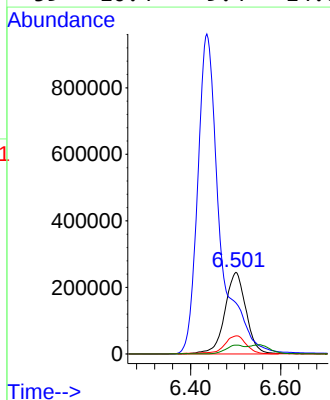
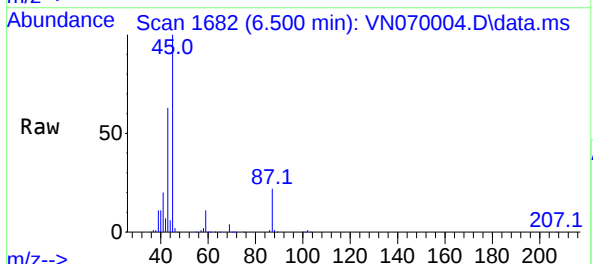
Manual Integrations
APPROVED

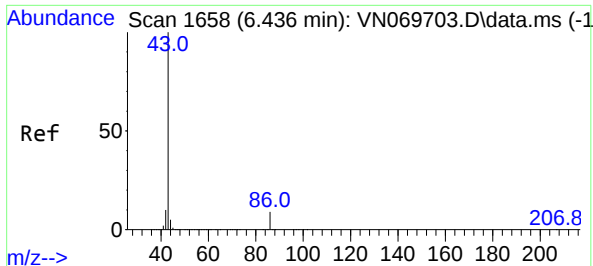
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 21.924 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

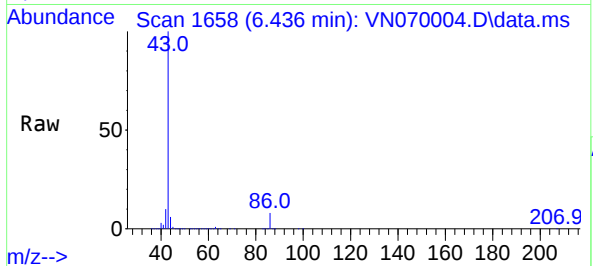
Tgt Ion: 45 Resp: 799365
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 22.0 23.2 34.8#
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 110.407 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070004.D
 Acq: 11 Dec 2021 13:19

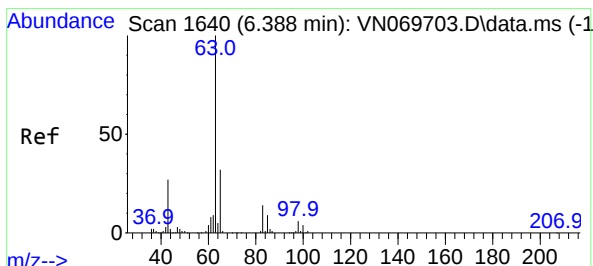
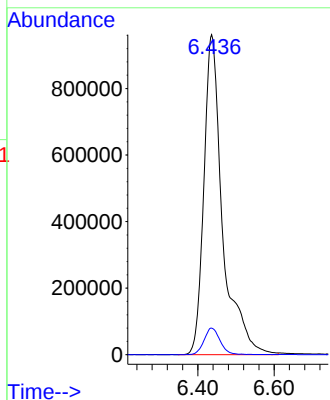
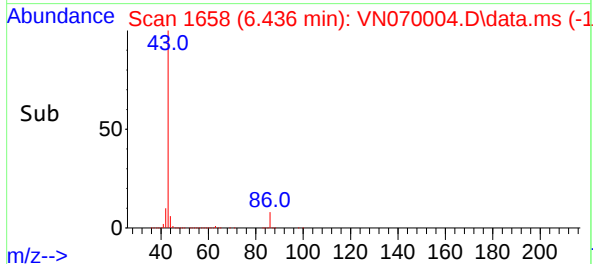
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBSD01



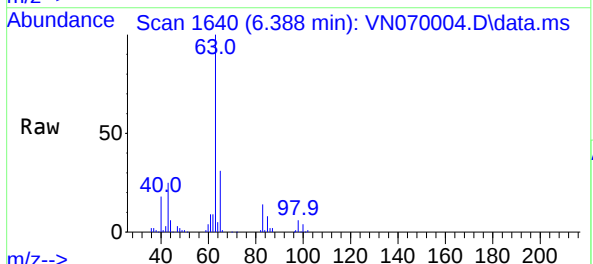
Tgt Ion: 43 Resp: 327494
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
 APPROVED

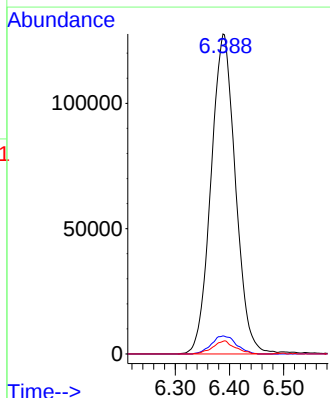
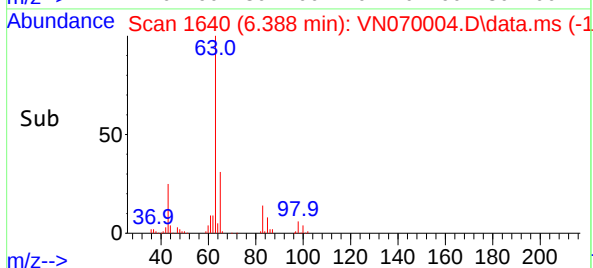
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 21.186 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070004.D
 Acq: 11 Dec 2021 13:19



Tgt Ion: 63 Resp: 400143
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 102.717 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBSD01

Tgt Ion: 43 Resp: 1126519

Ion Ratio Lower Upper

43 100

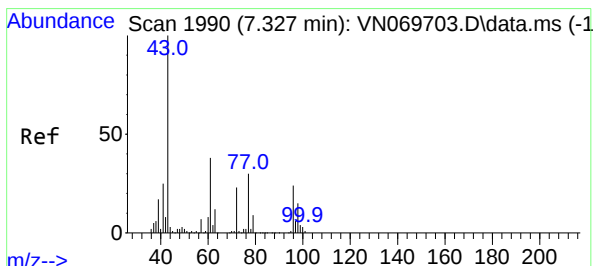
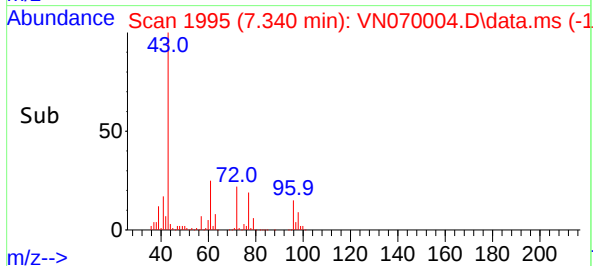
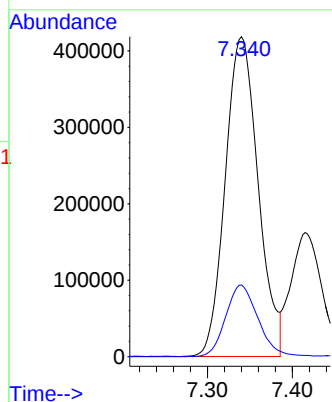
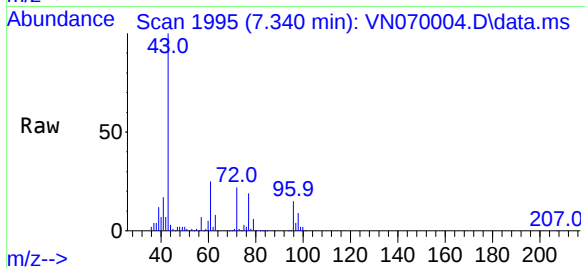
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 20.990 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070004.D

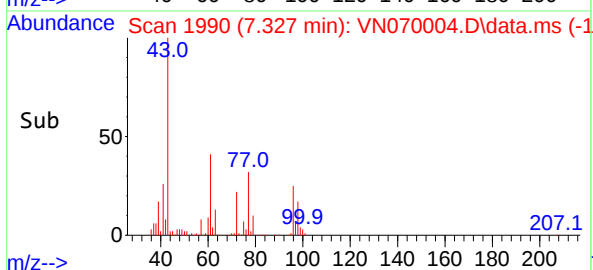
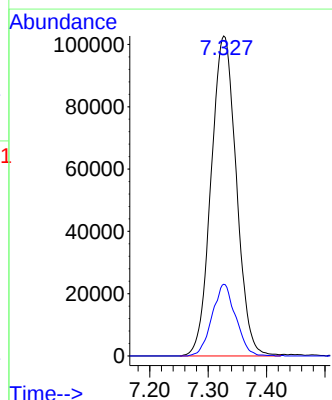
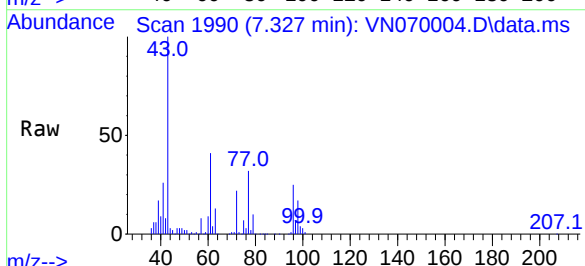
Acq: 11 Dec 2021 13:19

Tgt Ion: 77 Resp: 308227

Ion Ratio Lower Upper

77 100

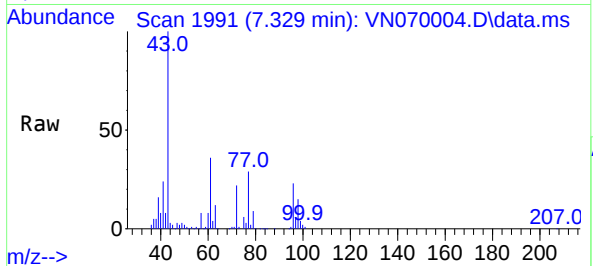
97 21.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.115 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

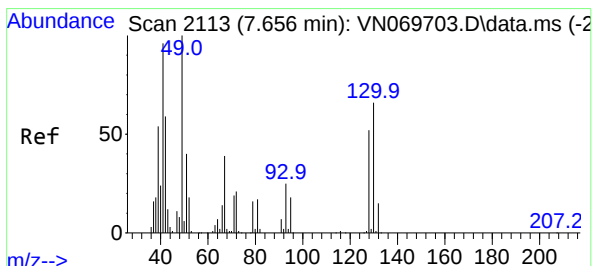
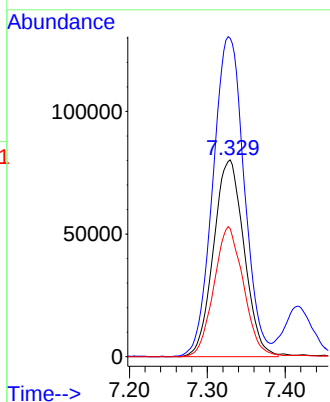
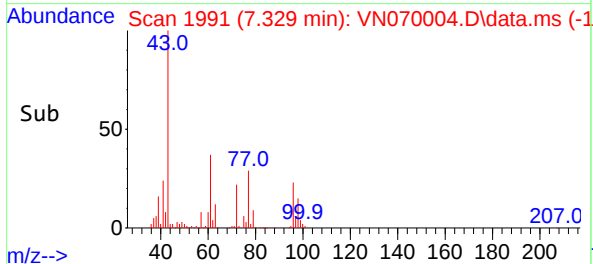
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



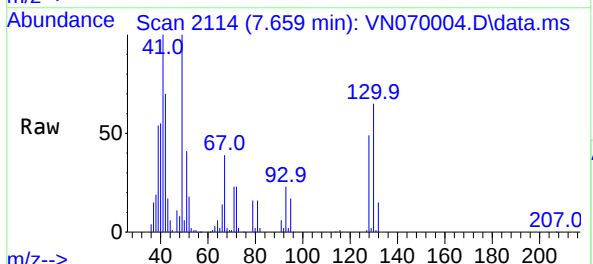
Tgt Ion: 96 Resp: 21851
Ion Ratio Lower Upper
96 100
61 166.9 0.0 275.0
98 64.0 0.0 129.6

Manual Integrations
APPROVED

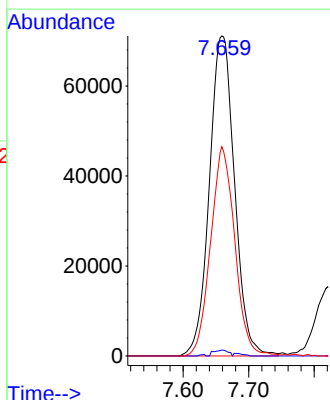
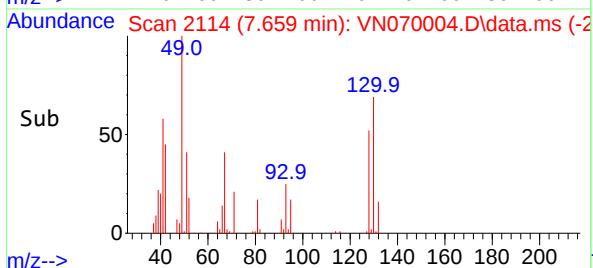
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#28
Bromochloromethane
Concen: 19.320 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion: 49 Resp: 189752
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 62.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 105.534 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBSD01

Tgt Ion: 42 Resp: 70281

Ion Ratio Lower Upper

42 100

72 36.1 36.3 54.5

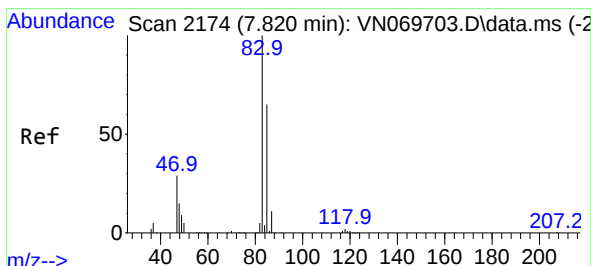
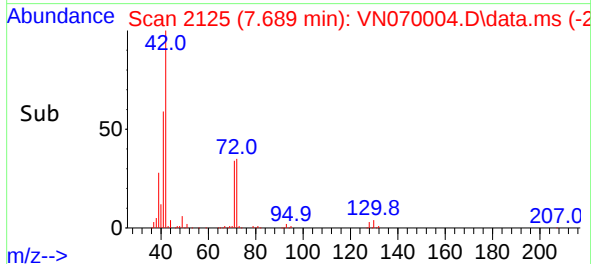
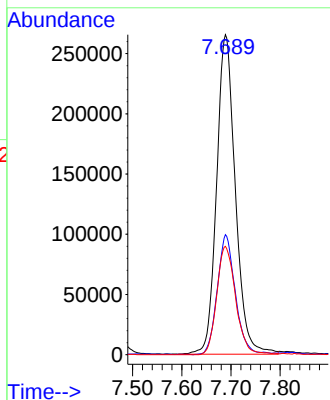
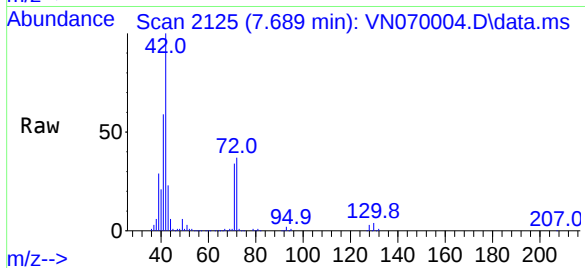
71 34.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 21.327 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN070004.D

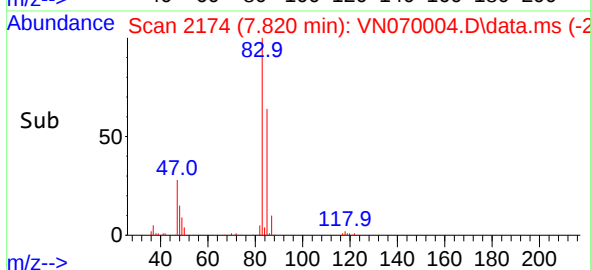
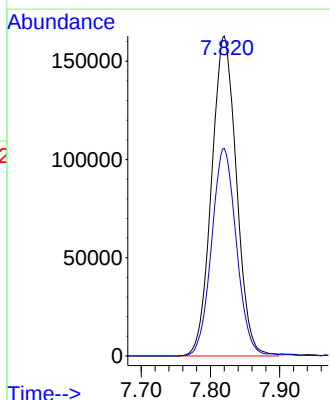
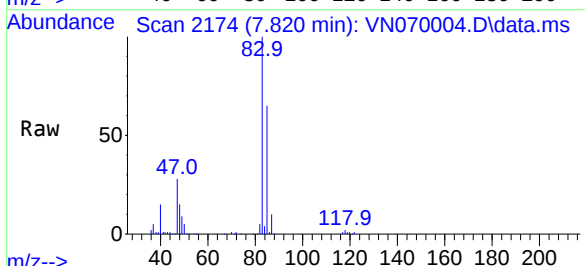
Acq: 11 Dec 2021 13:19

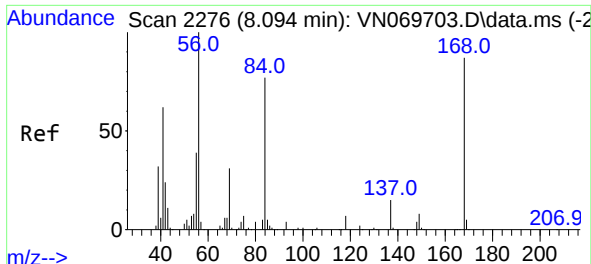
Tgt Ion: 83 Resp: 406794

Ion Ratio Lower Upper

83 100

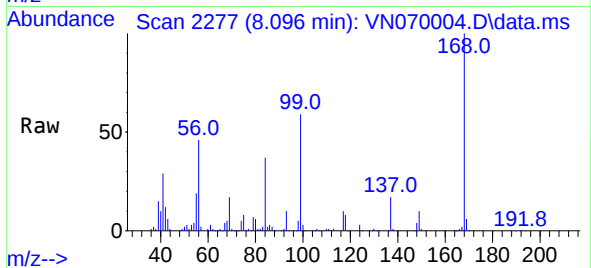
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 20.015 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

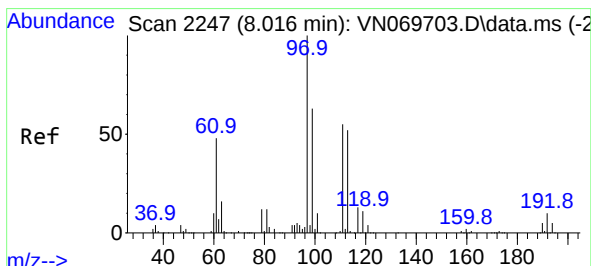
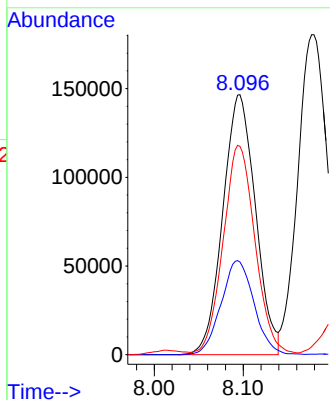
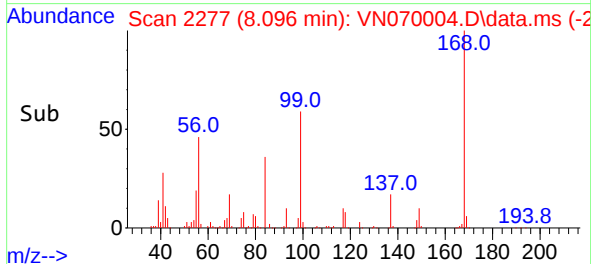
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



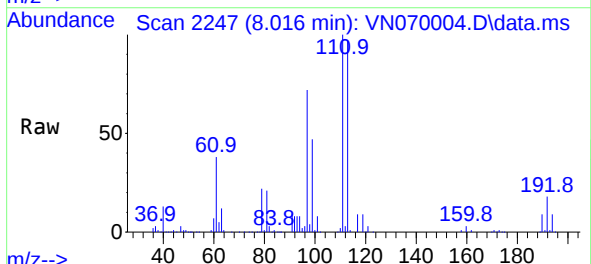
Tgt Ion: 56 Resp: 373760
Ion Ratio Lower Upper
56 100
69 35.7 27.1 40.7
84 78.6 73.4 110.0

Manual Integrations
APPROVED

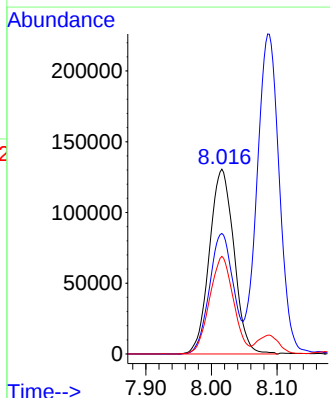
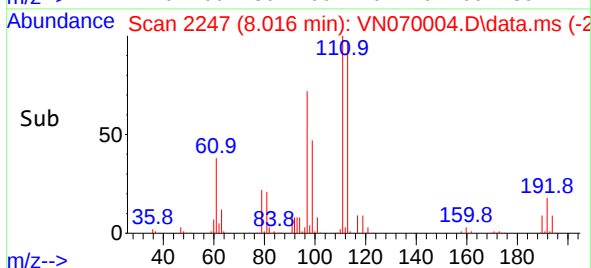
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

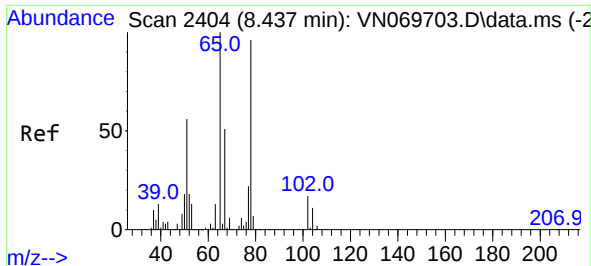


#32
1,1,1-Trichloroethane
Concen: 20.921 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion: 97 Resp: 339926
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 51.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.608 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBS01

Tgt Ion: 65 Resp: 70591

Ion Ratio Lower Upper

65 100

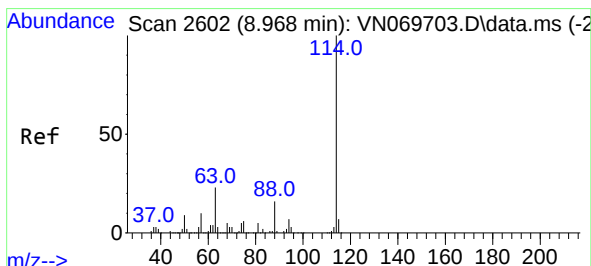
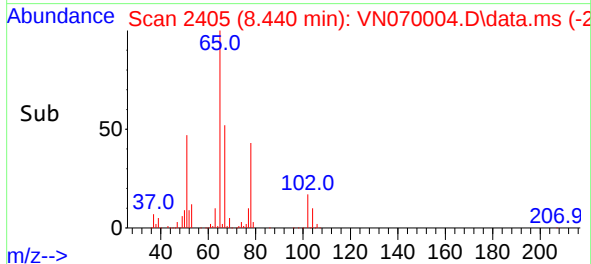
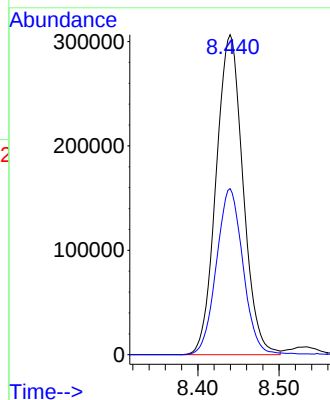
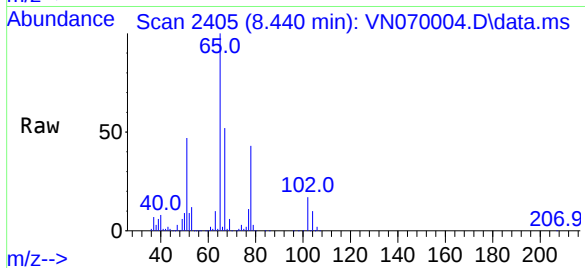
67 51.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

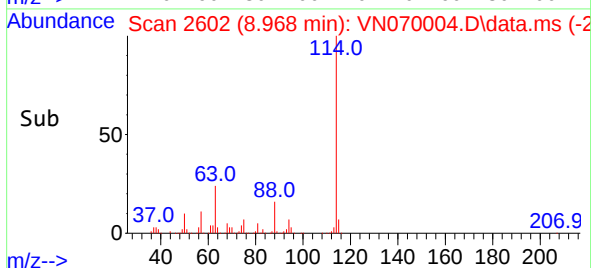
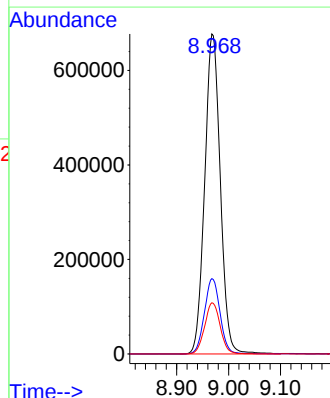
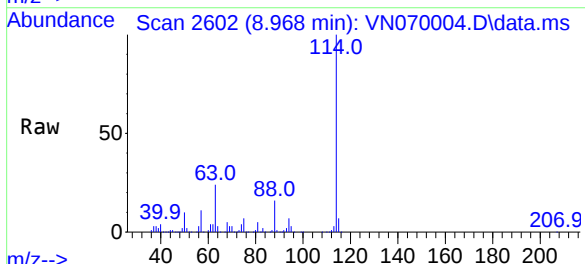
Tgt Ion:114 Resp: 1414495

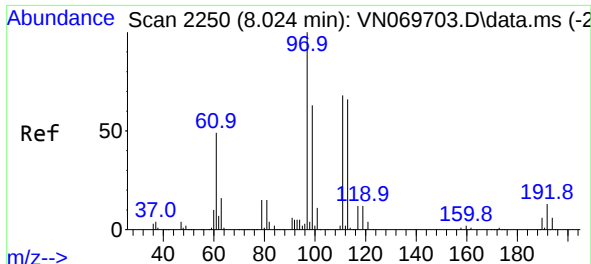
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

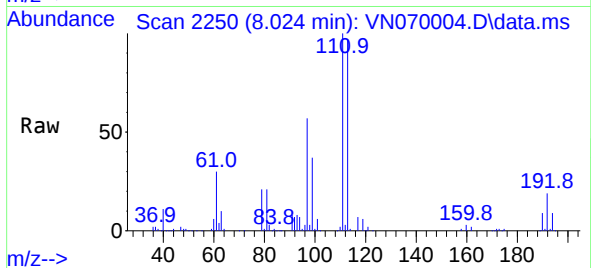
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.472 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

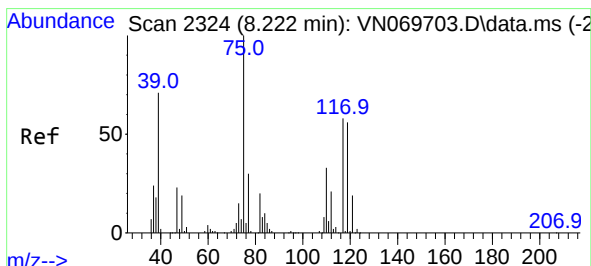
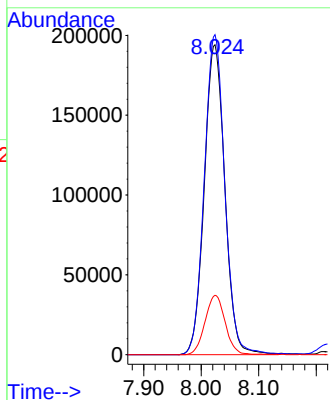
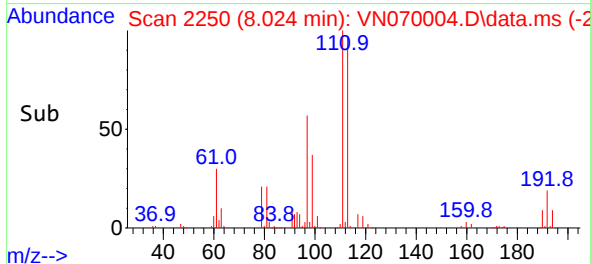
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



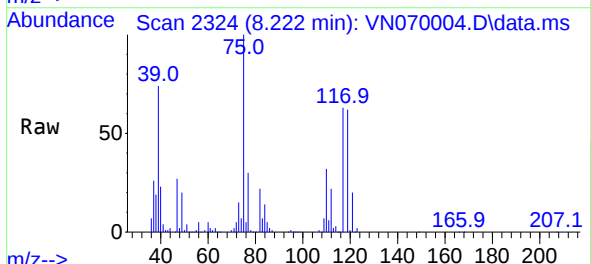
Tgt Ion:113 Resp: 48262
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.8 16.9 25.3

Manual Integrations
APPROVED

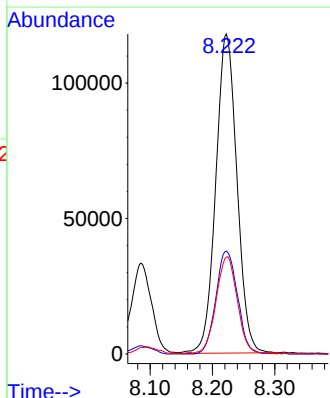
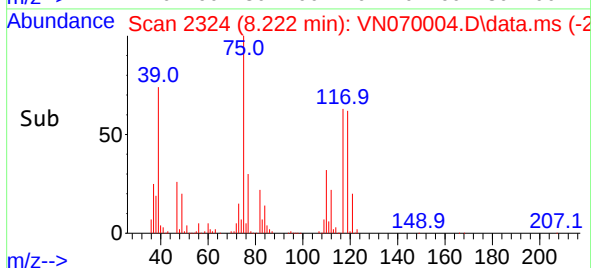
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

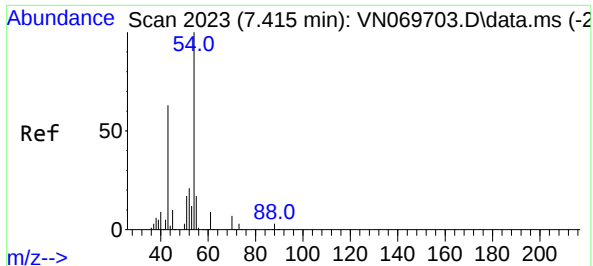


#36
1,1-Dichloropropene
Concen: 20.649 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



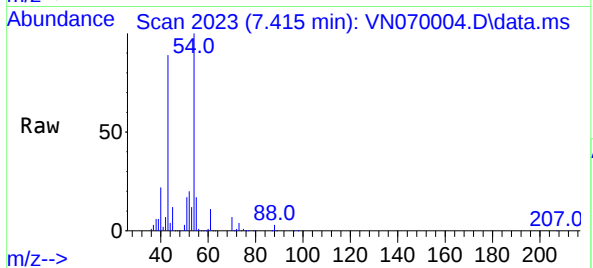
Tgt Ion: 75 Resp: 278056
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 20.944 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

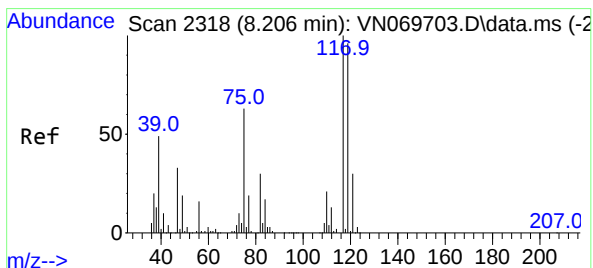
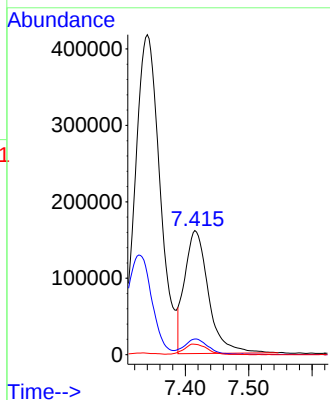
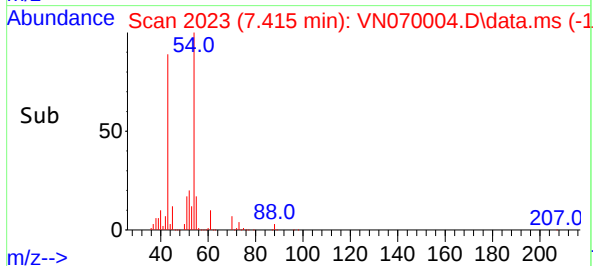
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



Tgt Ion: 43 Resp: 41975
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.0 7.9 11.9

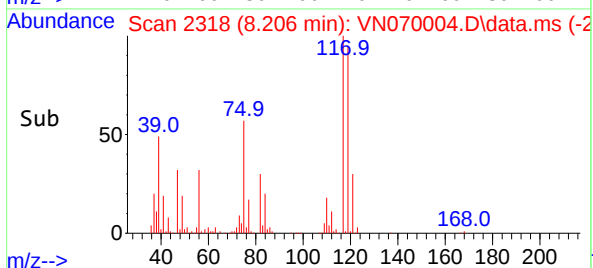
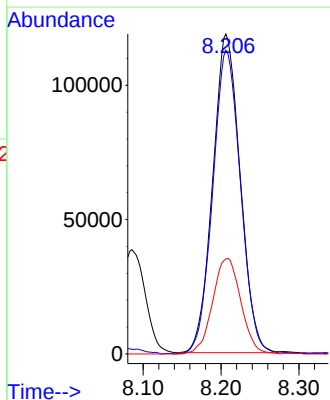
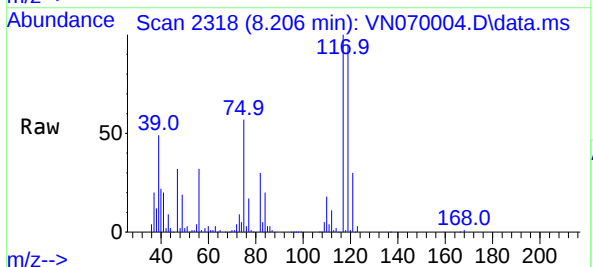
Manual Integrations
APPROVED

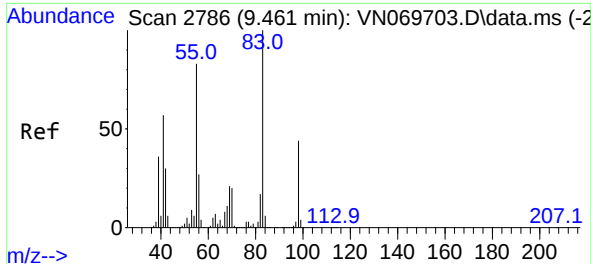
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 21.958 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion:117 Resp: 289945
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 29.8 24.2 36.2





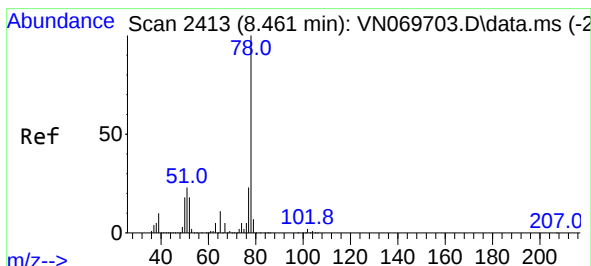
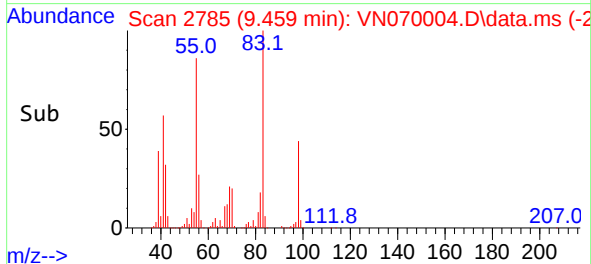
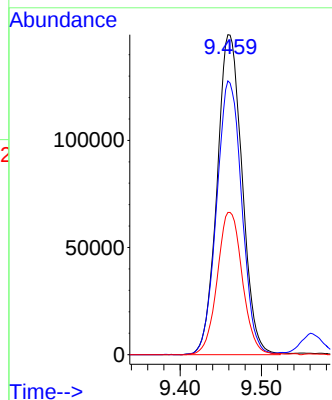
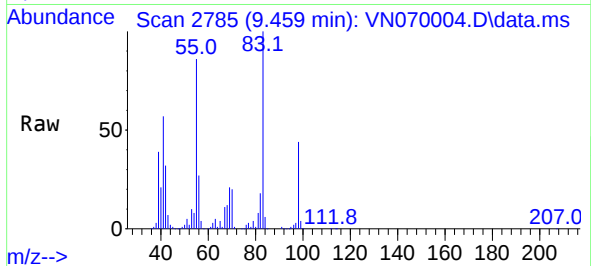
#39
Methylcyclohexane
Concen: 19.996 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 83 Resp: 32027
Ion Ratio Lower Upper
83 100
55 85.5 58.1 87.1
98 44.4 38.4 57.6

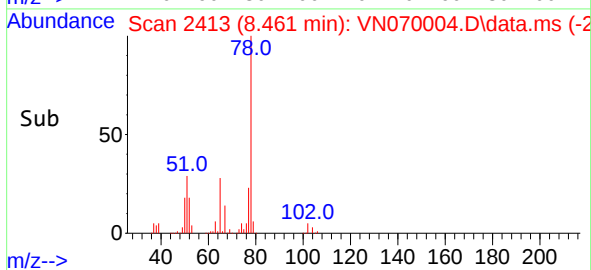
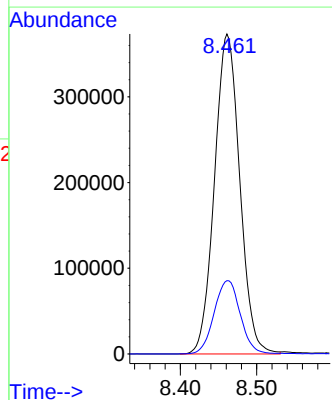
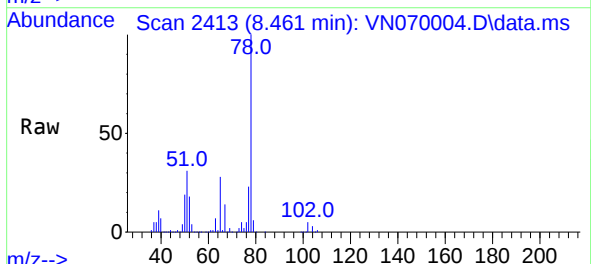
Manual Integrations
APPROVED

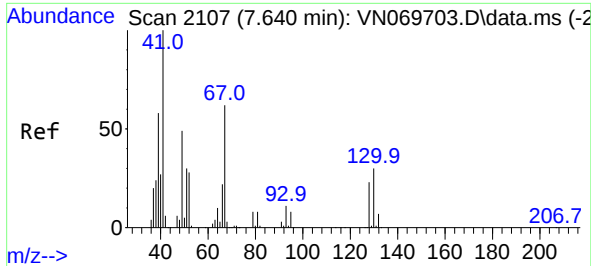
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#40
Benzene
Concen: 20.861 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

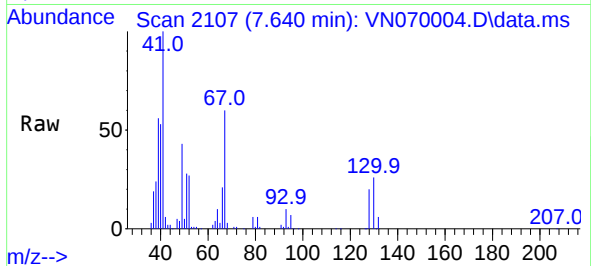
Tgt Ion: 78 Resp: 858612
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8





#41
Methacrylonitrile
Concen: 21.840 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

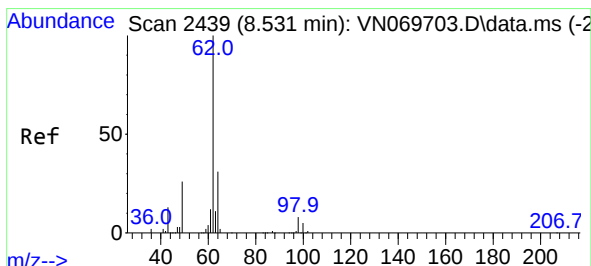
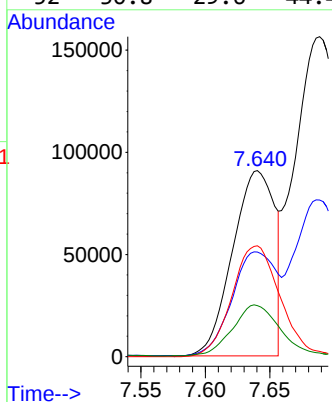
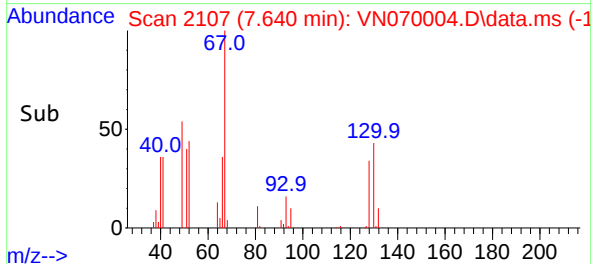
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



Tgt Ion: 41 Resp: 205472
Ion Ratio Lower Upper
41 100
39 61.1 48.1 72.1
67 69.0 68.3 102.5
52 30.8 29.6 44.4

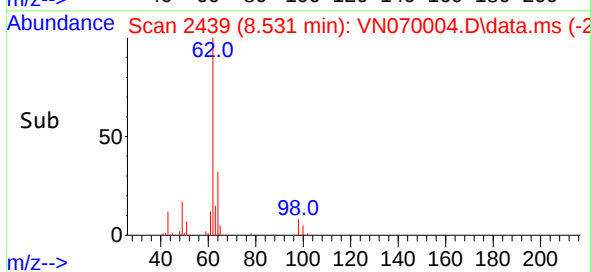
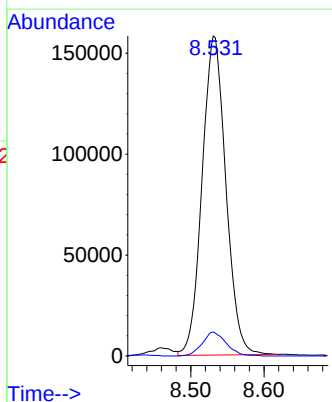
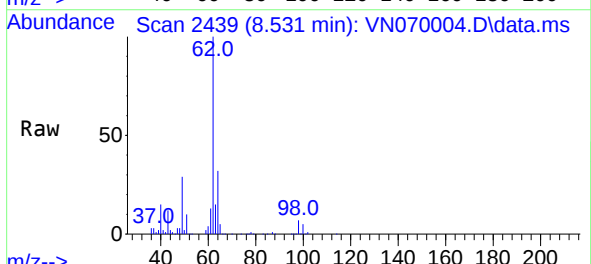
Manual Integrations
APPROVED

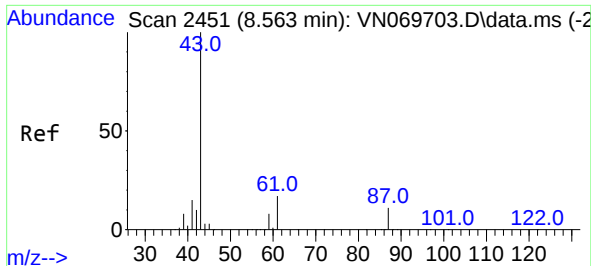
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 21.418 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

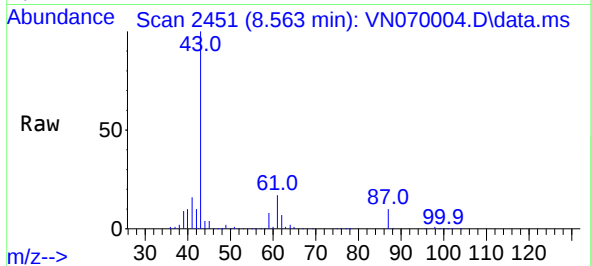
Tgt Ion: 62 Resp: 355868
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.839 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

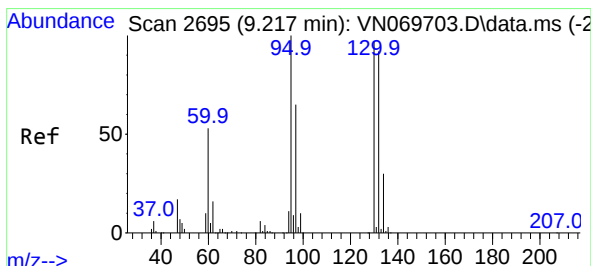
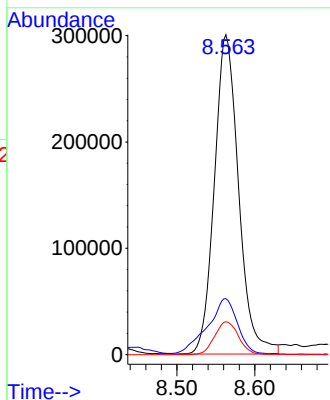
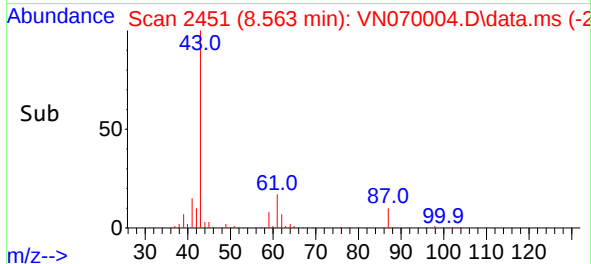
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



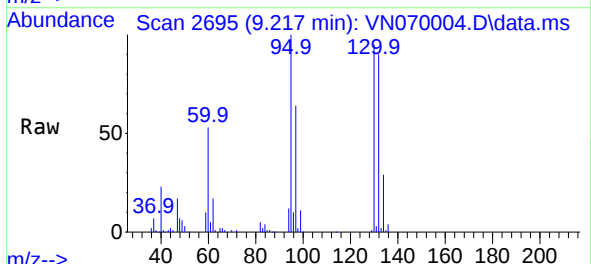
Tgt Ion: 43 Resp: 647702
Ion Ratio Lower Upper
43 100
61 21.5 20.4 30.6
87 10.2 11.2 16.8

Manual Integrations
APPROVED

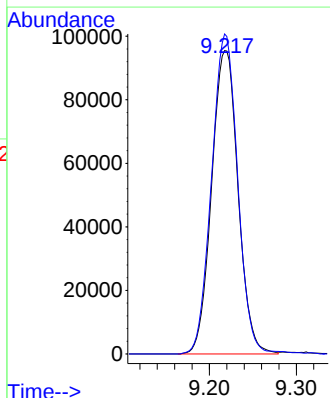
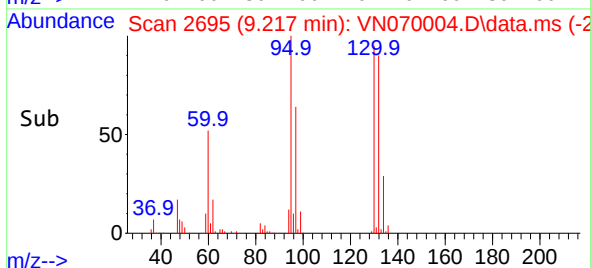
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

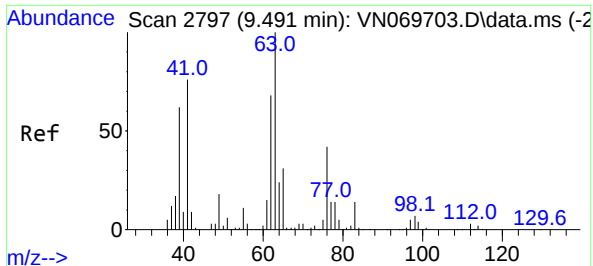


#44
Trichloroethene
Concen: 20.510 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion:130 Resp: 201485
Ion Ratio Lower Upper
130 100
95 105.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.978 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBSD01

Tgt Ion: 63 Resp: 242920

Ion Ratio Lower Upper

63 100

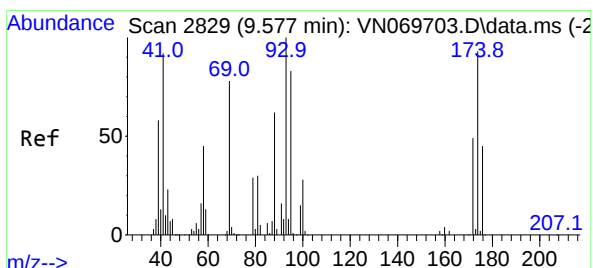
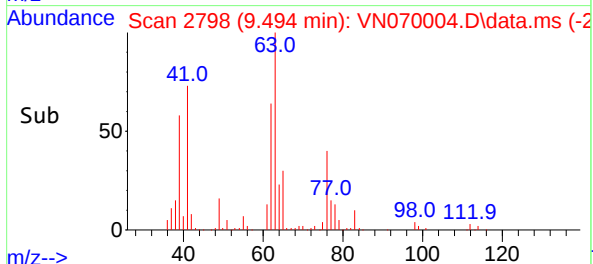
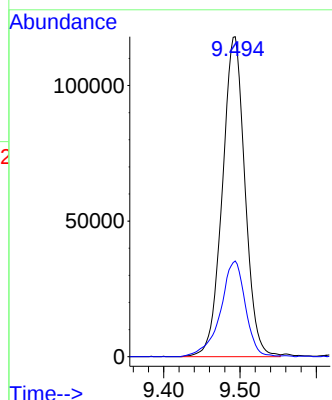
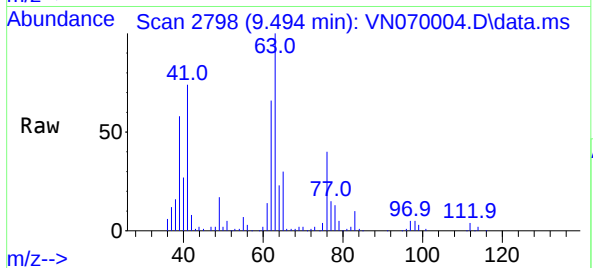
65 29.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 22.011 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN070004.D

Acq: 11 Dec 2021 13:19

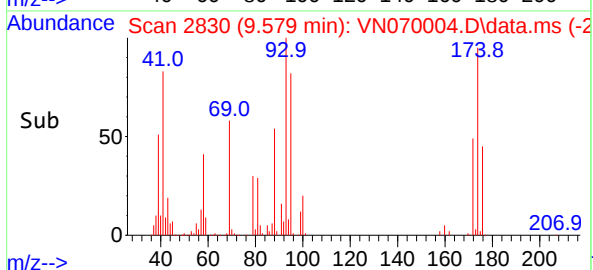
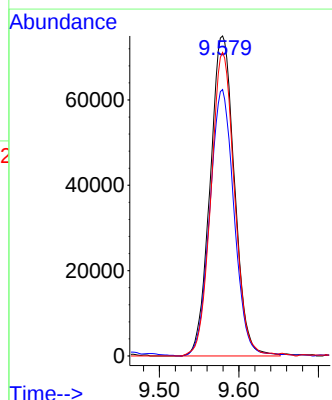
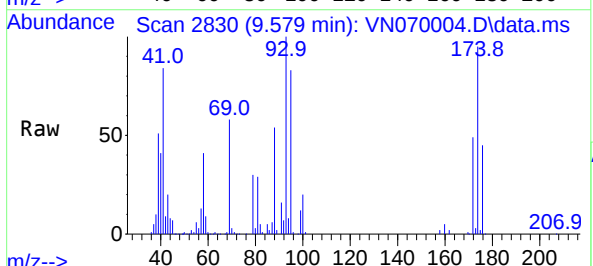
Tgt Ion: 93 Resp: 159549

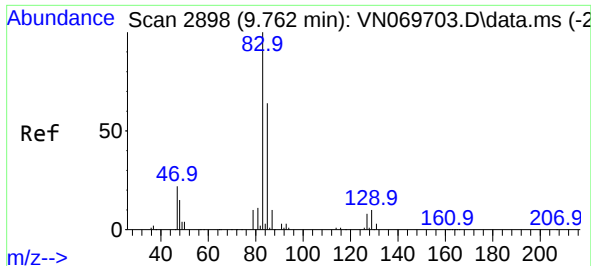
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

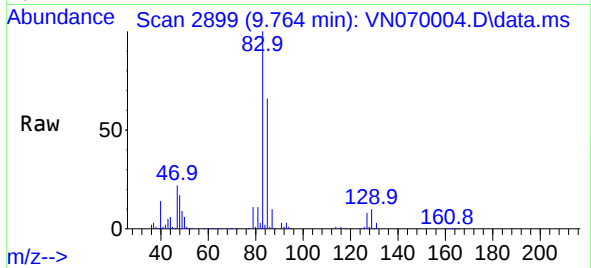
174 91.6 84.6 127.0





#47
Bromodichloromethane
Concen: 24.107 ug/l
RT: 9.764 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

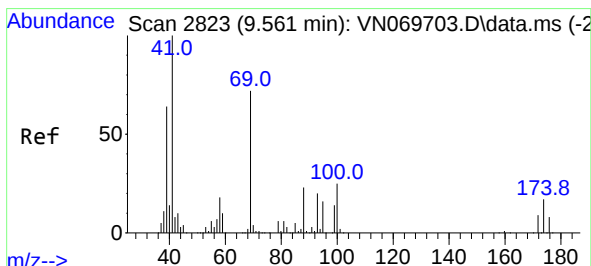
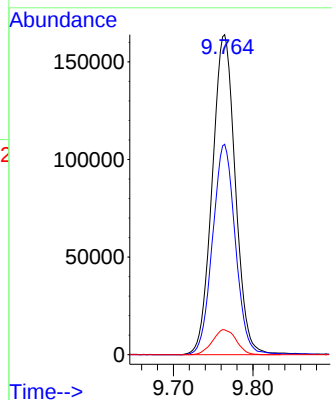
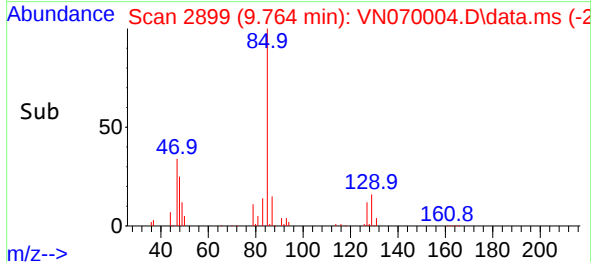
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



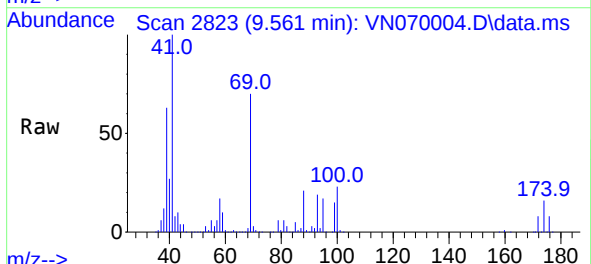
Tgt Ion: 83 Resp: 330849
Ion Ratio Lower Upper
83 100
85 65.8 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

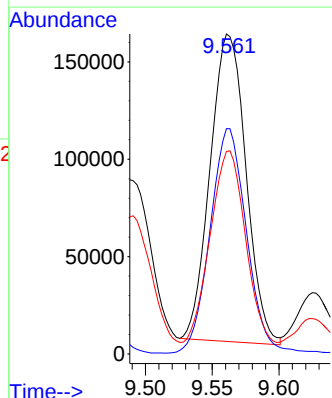
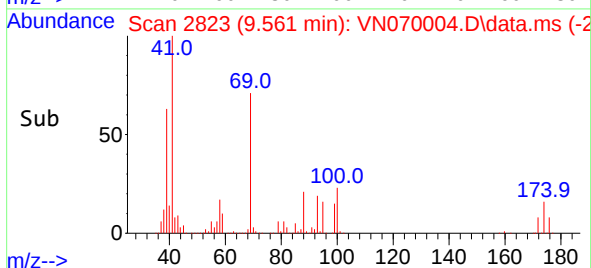
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

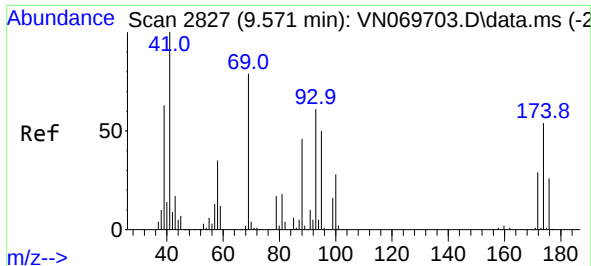


#48
Methyl methacrylate
Concen: 21.314 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



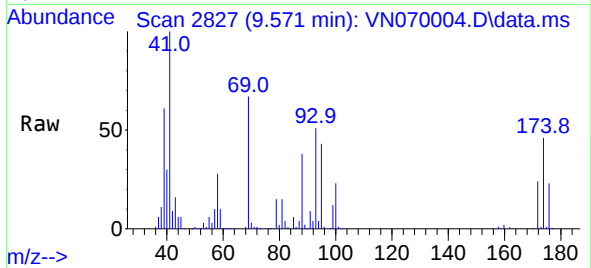
Tgt Ion: 41 Resp: 295002
Ion Ratio Lower Upper
41 100
69 74.3 72.4 108.6
39 68.0 58.4 87.6





#49
1,4-Dioxane
Concen: 415.827 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

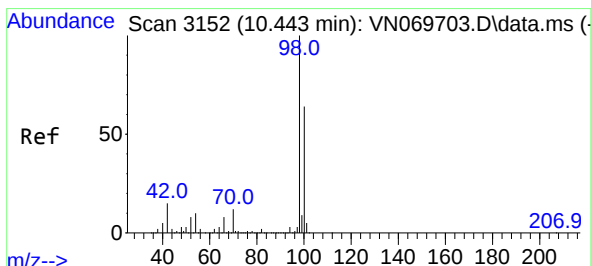
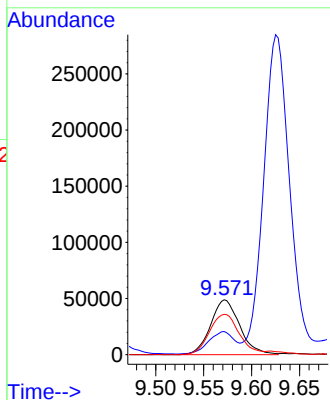
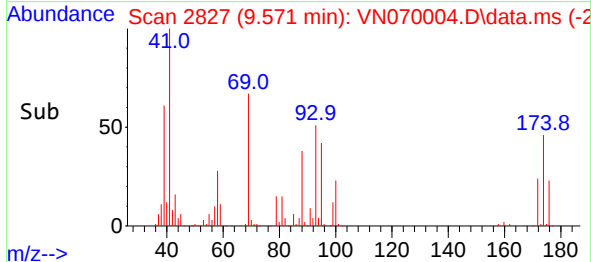
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



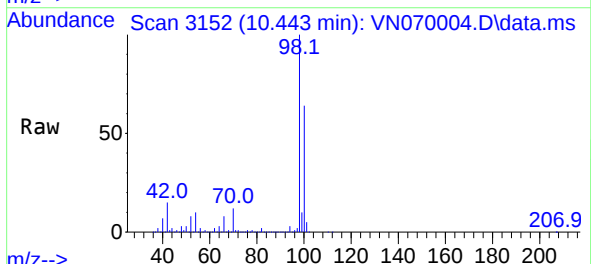
Tgt Ion: 88 Resp: 103270
Ion Ratio Lower Upper
88 100
43 35.8 23.4 35.2
58 75.8 50.6 75.8

Manual Integrations
APPROVED

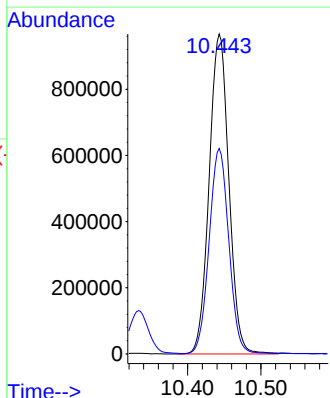
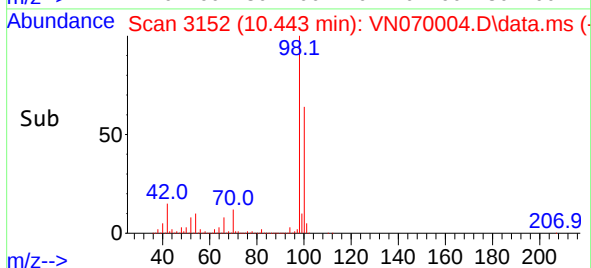
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

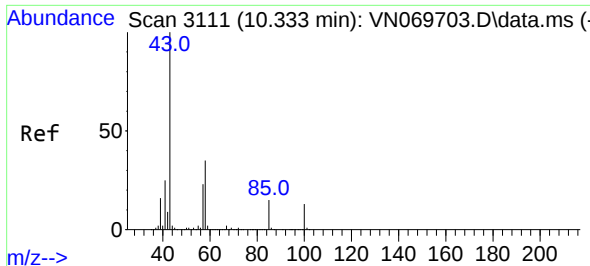


#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion: 98 Resp: 1805788
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





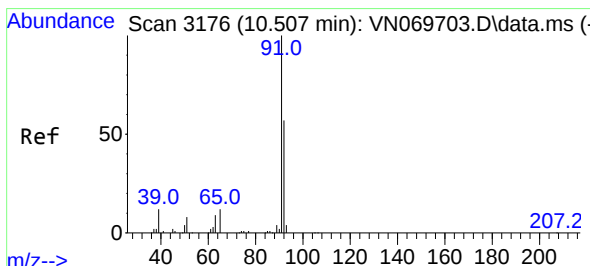
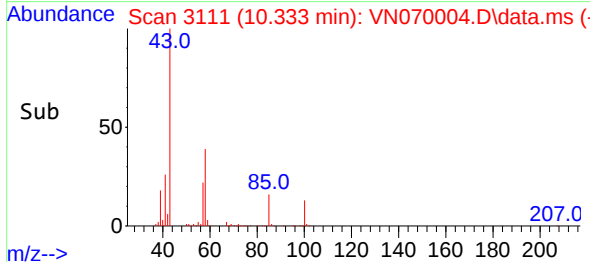
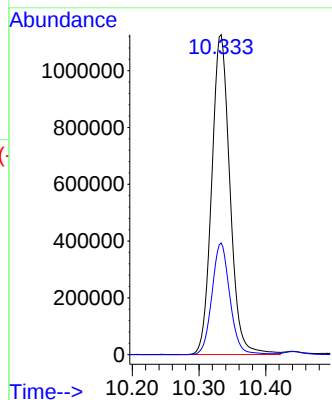
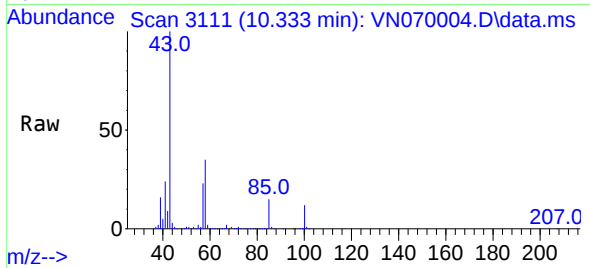
#51
4-Methyl-2-Pentanone
Concen: 110.912 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 43 Resp: 213398
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

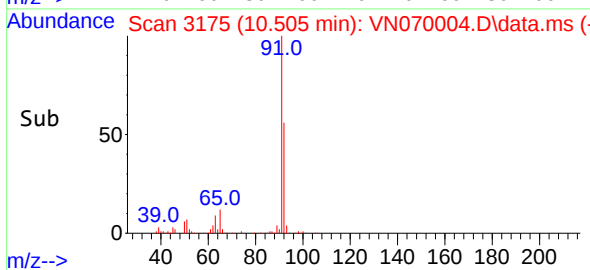
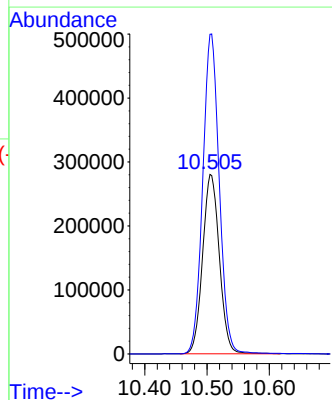
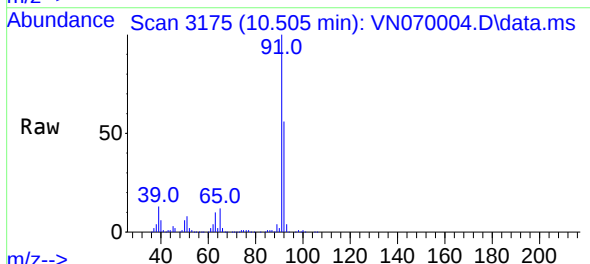
Manual Integrations
APPROVED

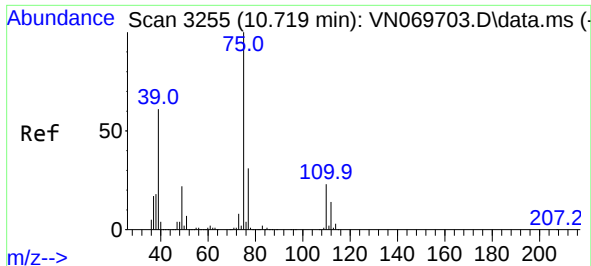
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 20.816 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion: 92 Resp: 523072
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0





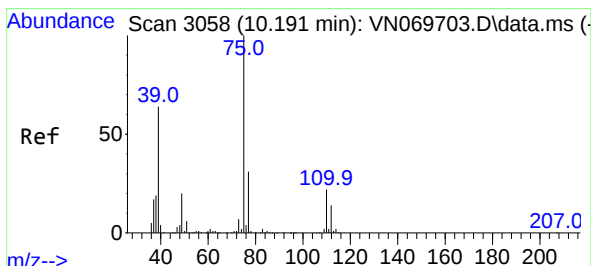
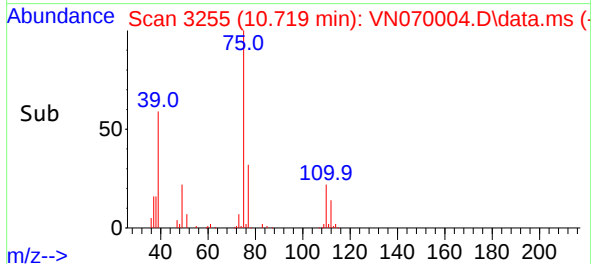
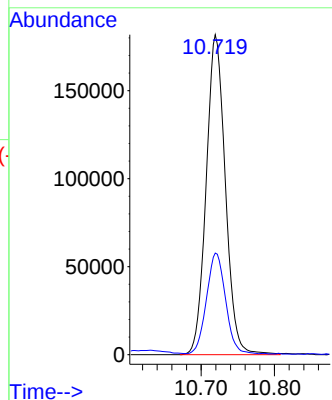
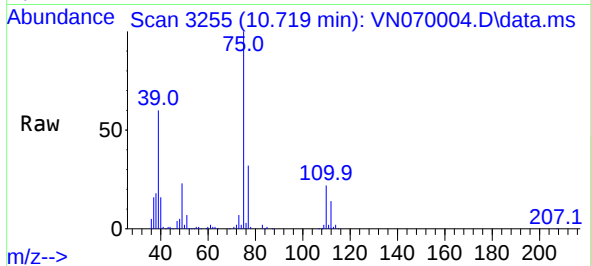
#53
t-1,3-Dichloropropene
Concen: 21.693 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 75 Resp: 330472
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

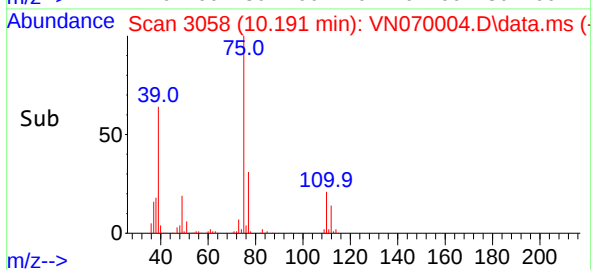
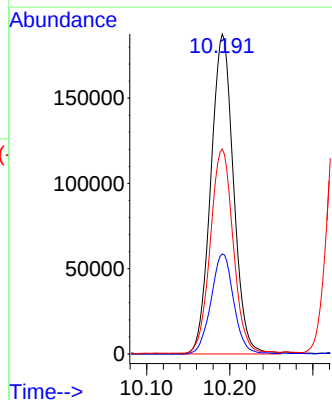
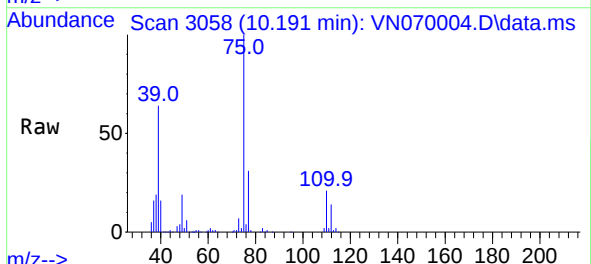
Manual Integrations
APPROVED

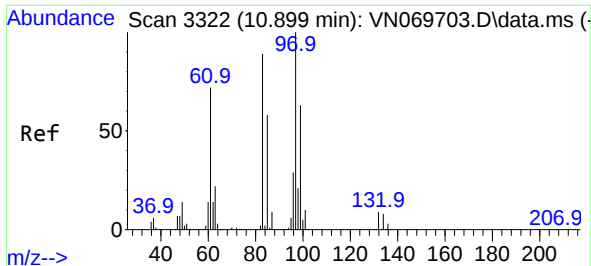
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 21.675 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

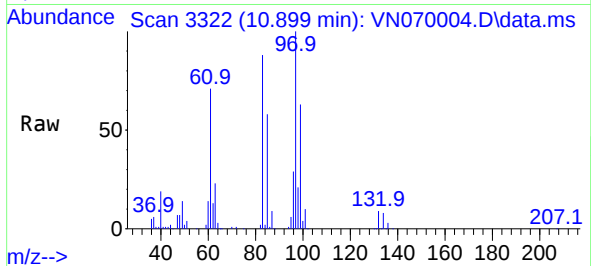
Tgt Ion: 75 Resp: 355124
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 63.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.862 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

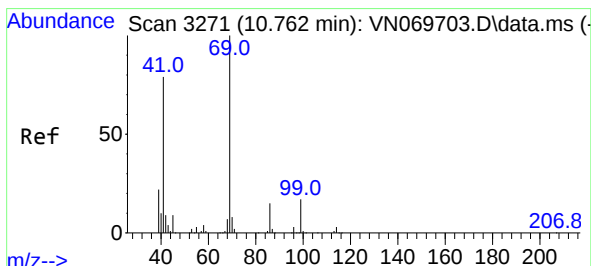
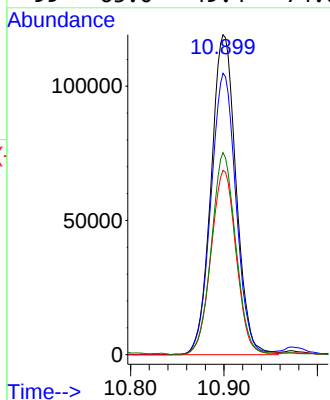
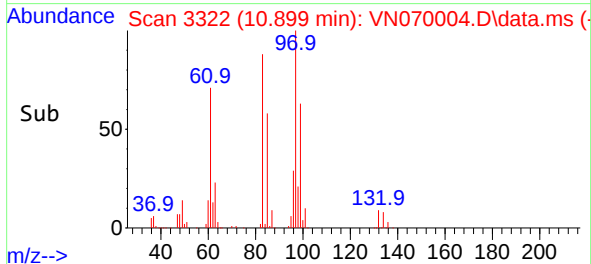
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



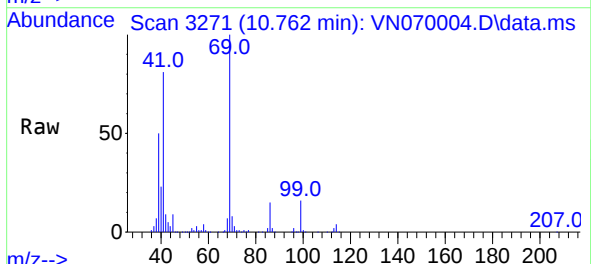
Tgt Ion: 97 Resp: 221650
Ion Ratio Lower Upper
97 100
83 88.0 67.8 101.6
85 57.5 45.4 68.2
99 63.0 49.4 74.0

Manual Integrations
APPROVED

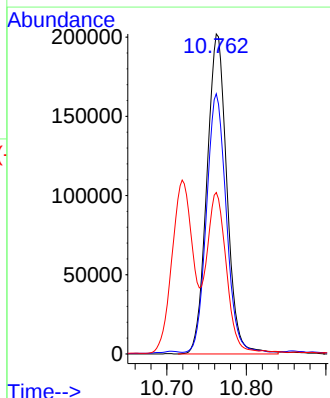
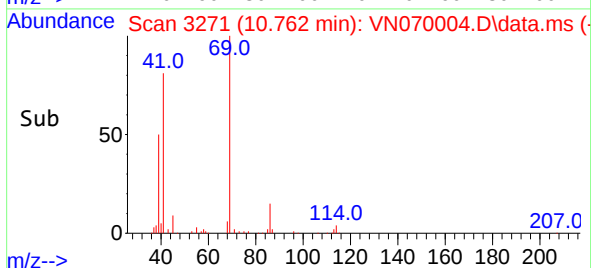
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

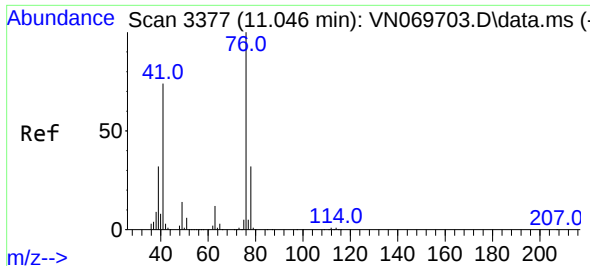


#56
Ethyl methacrylate
Concen: 19.914 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



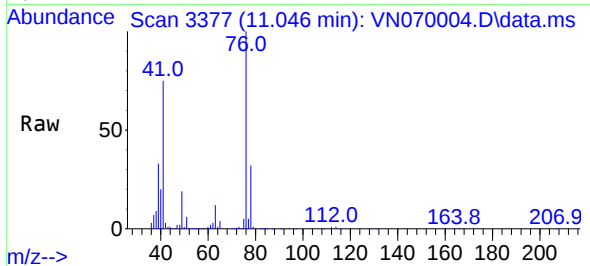
Tgt Ion: 69 Resp: 353475
Ion Ratio Lower Upper
69 100
41 79.7 51.4 77.0#
39 46.8 34.6 52.0





#57
1,3-Dichloropropane
Concen: 21.453 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

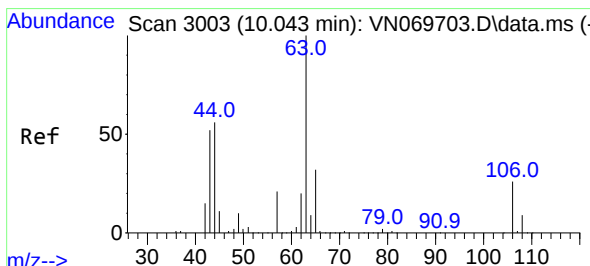
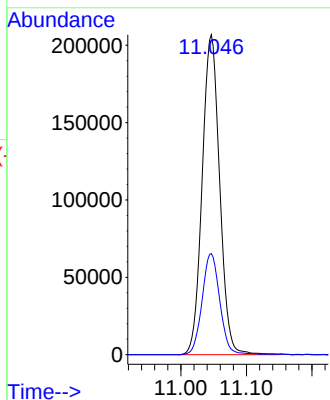
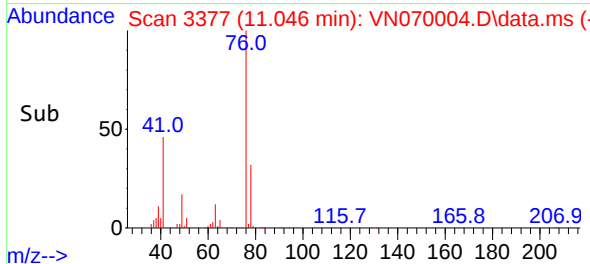
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



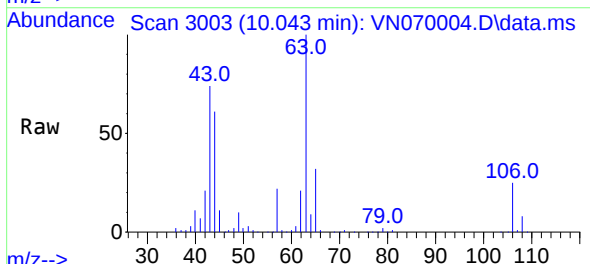
Tgt Ion: 76 Resp: 382980
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
APPROVED

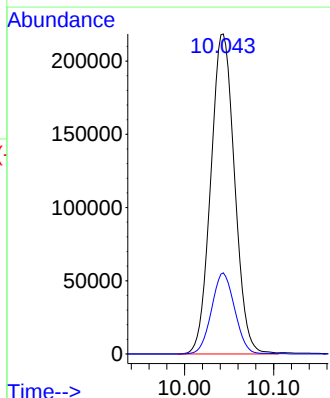
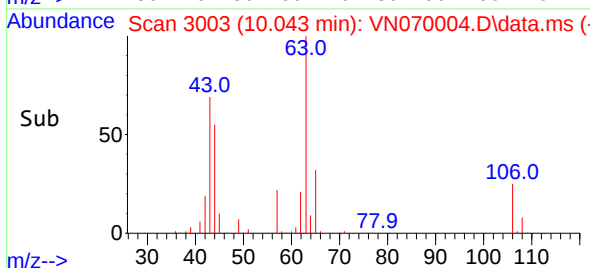
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

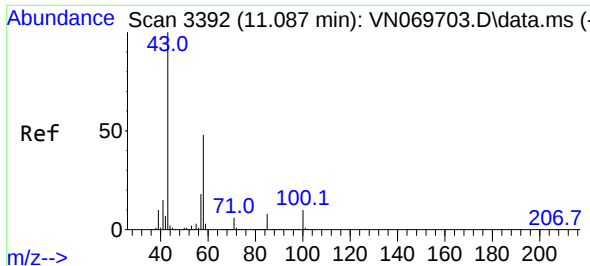


#58
2-Chloroethyl Vinyl ether
Concen: 91.309 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



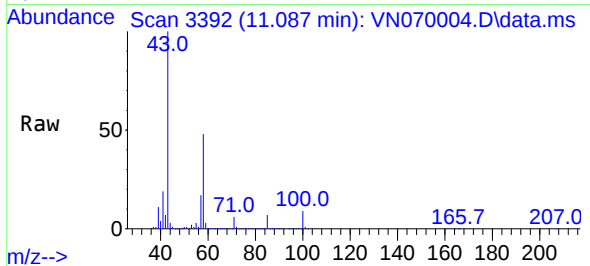
Tgt Ion: 63 Resp: 406621
Ion Ratio Lower Upper
63 100
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 106.396 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

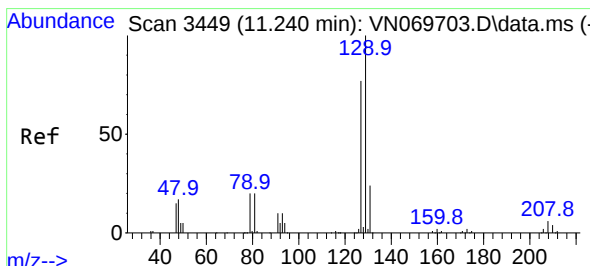
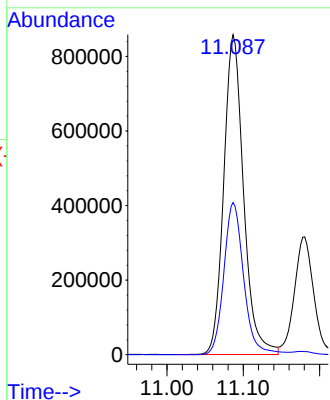
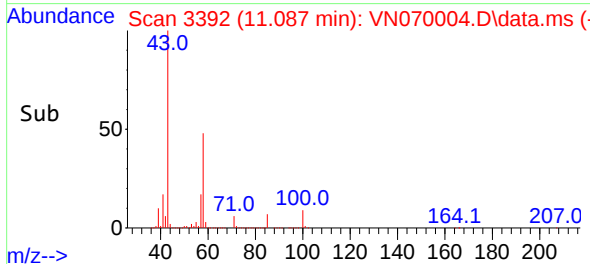
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



Tgt Ion: 43 Resp: 154856
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7

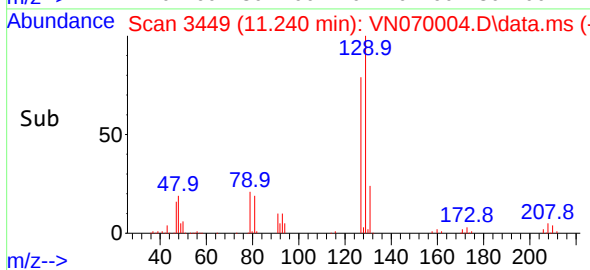
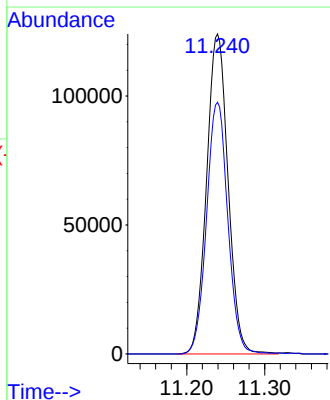
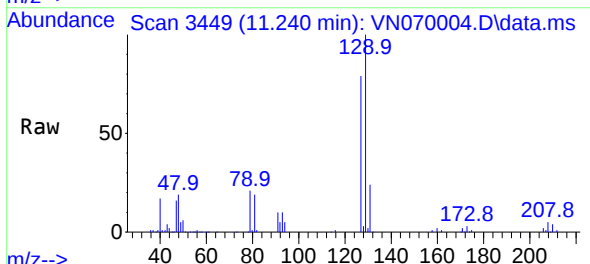
Manual Integrations
APPROVED

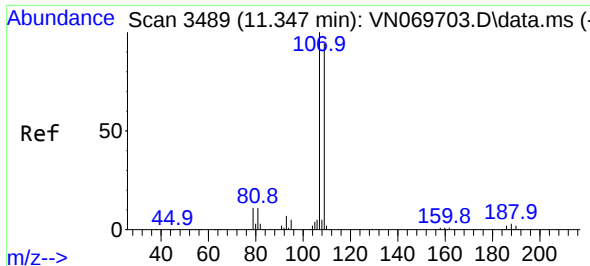
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 23.200 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

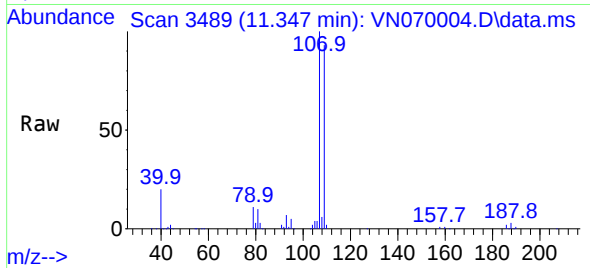
Tgt Ion:129 Resp: 237497
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.951 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

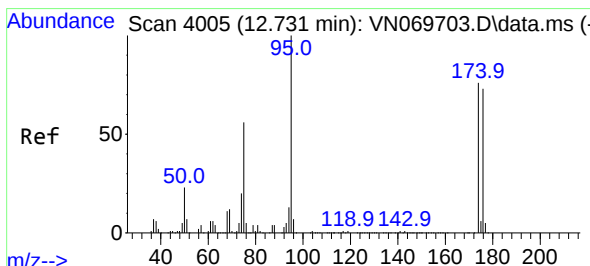
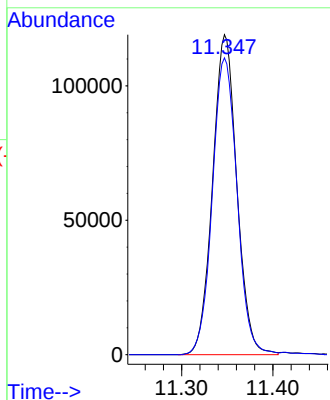
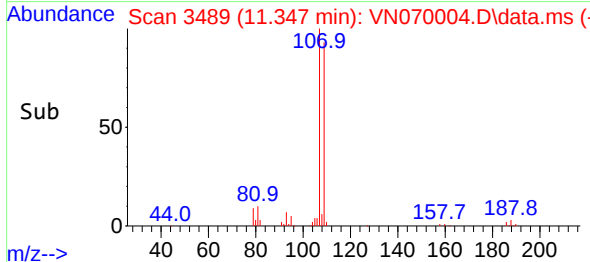
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



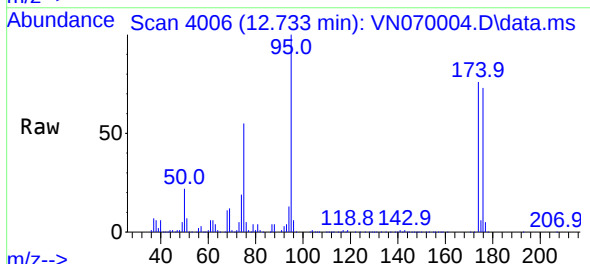
Tgt Ion:107 Resp: 22001
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

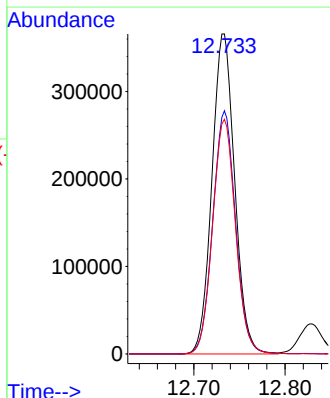
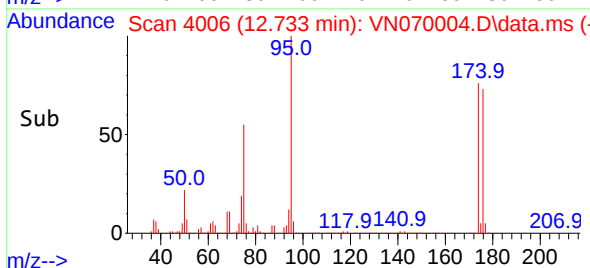
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

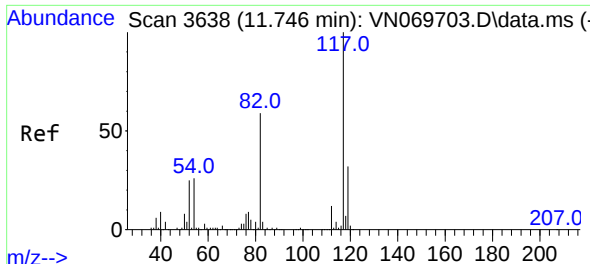


#62
4-Bromofluorobenzene
Concen: 49.196 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



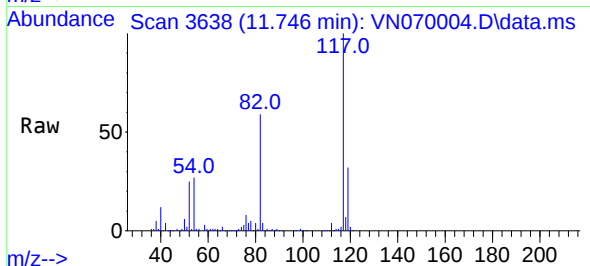
Tgt Ion: 95 Resp: 634063
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

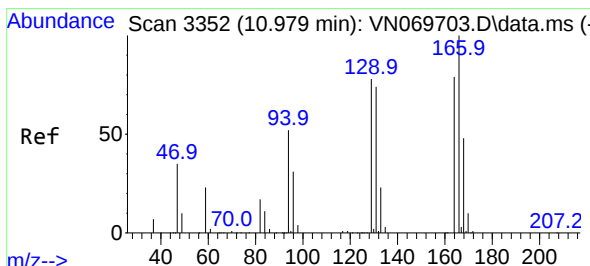
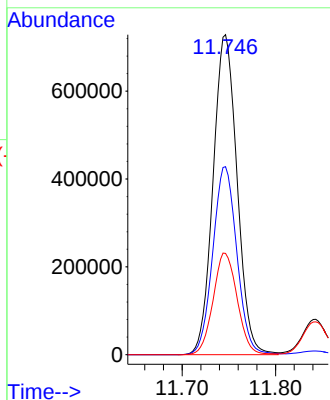
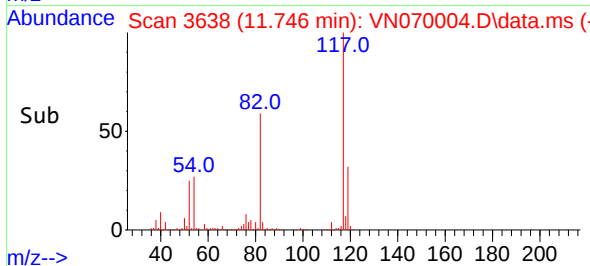
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



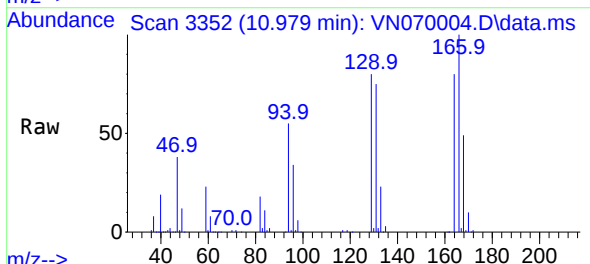
Tgt Ion:117 Resp: 130225
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.7 25.4 38.2

Manual Integrations
APPROVED

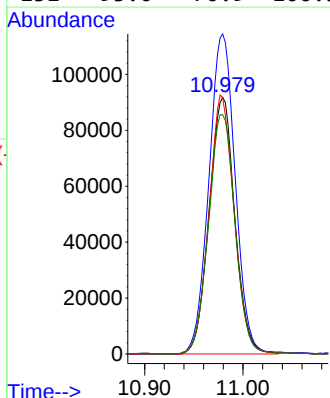
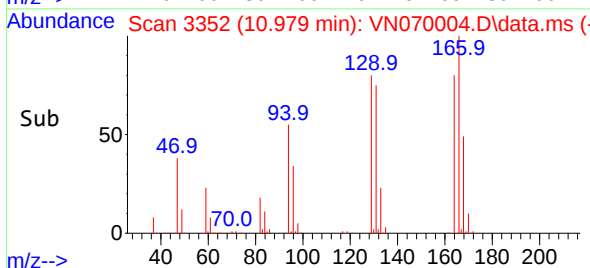
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 18.967 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



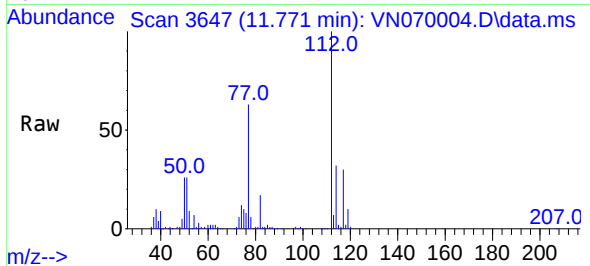
Tgt Ion:164 Resp: 167480
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 99.7 72.0 108.0
131 93.0 70.9 106.3





#65
Chlorobenzene
Concen: 20.597 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

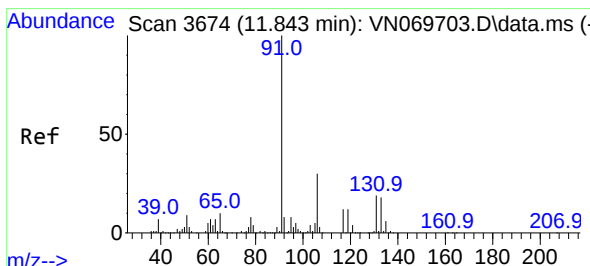
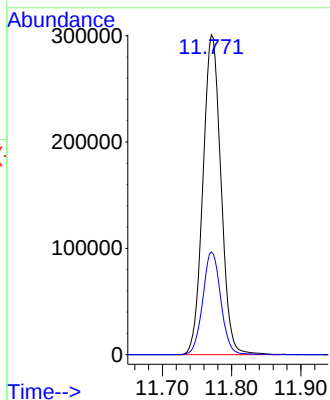
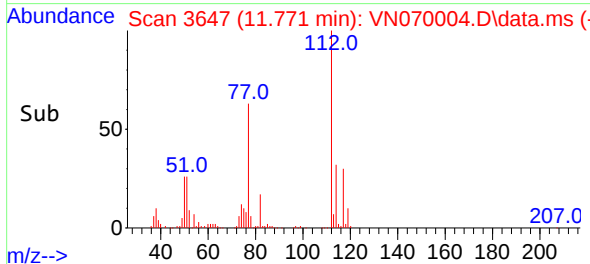
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



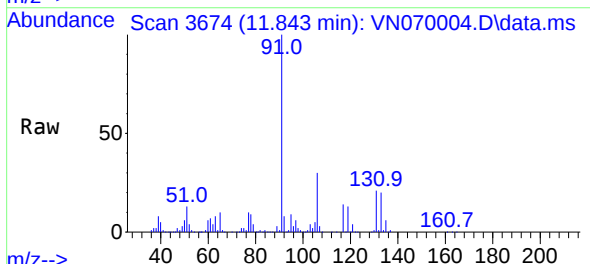
Tgt Ion:112 Resp: 544162
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

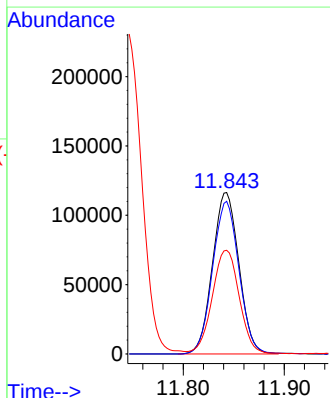
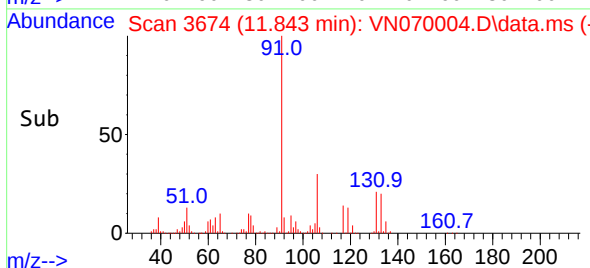
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

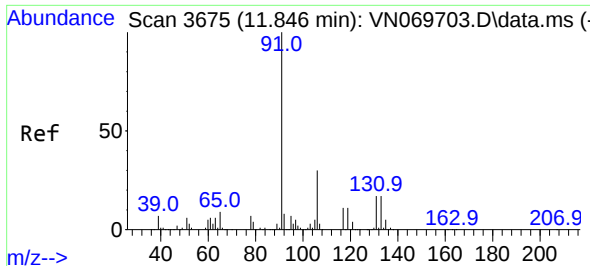


#66
1,1,1,2-Tetrachloroethane
Concen: 22.701 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion:131 Resp: 211089
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 65.9 32.1 96.5





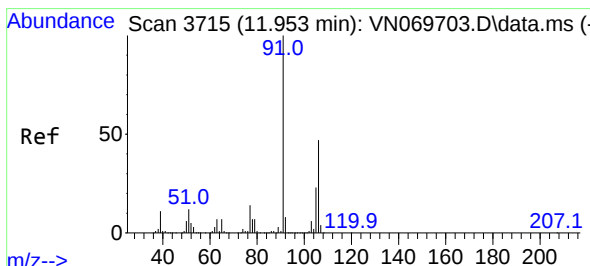
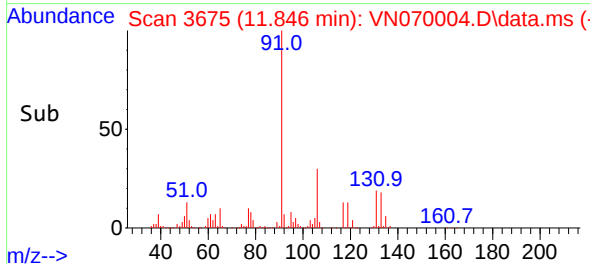
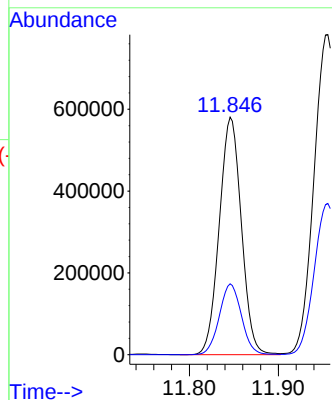
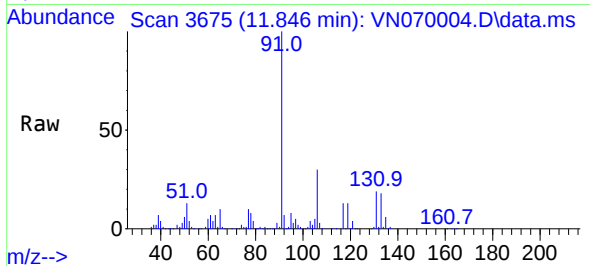
#67
Ethyl Benzene
Concen: 20.889 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 91 Resp: 100245
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

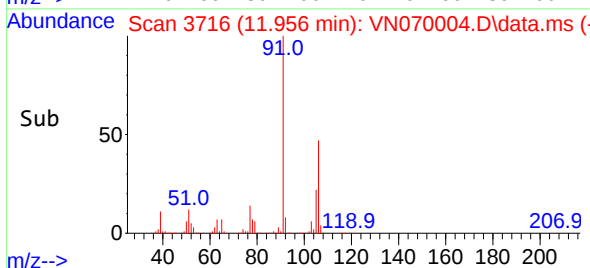
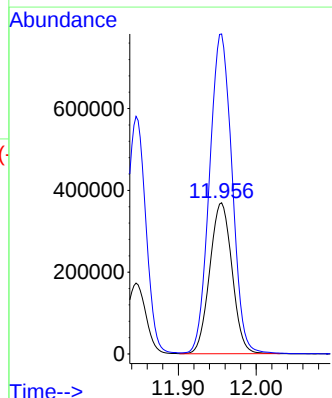
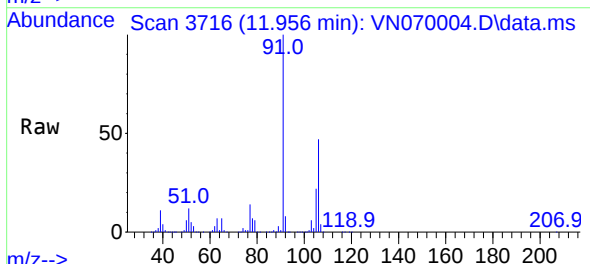
Manual Integrations
APPROVED

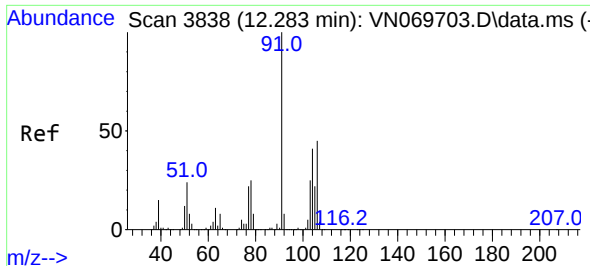
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 42.051 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion:106 Resp: 734768
Ion Ratio Lower Upper
106 100
91 214.5 160.6 240.8





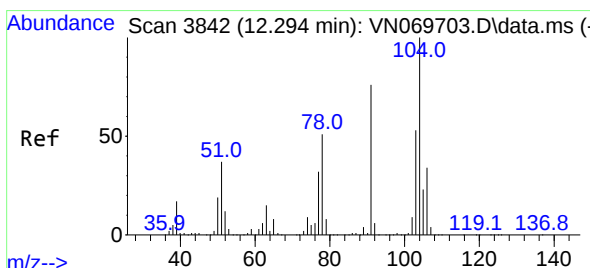
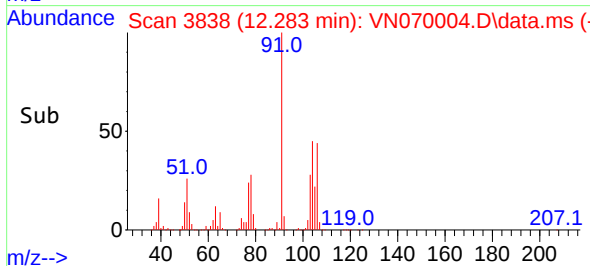
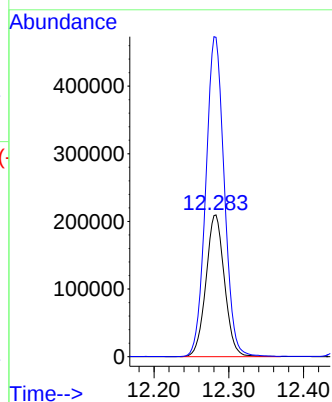
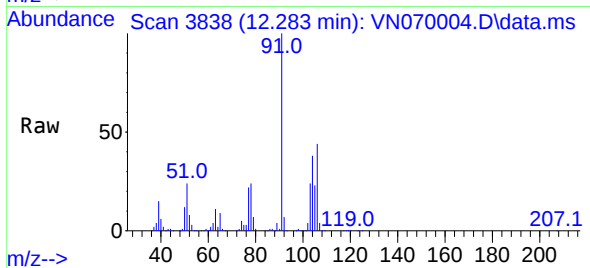
#69
o-Xylene
Concen: 20.518 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:106 Resp: 361128
Ion Ratio Lower Upper
106 100
91 225.5 105.8 317.3

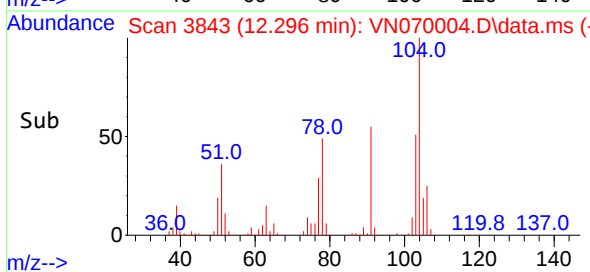
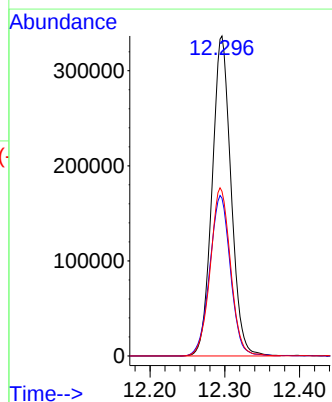
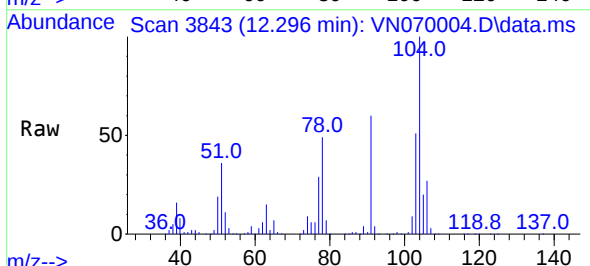
Manual Integrations
APPROVED

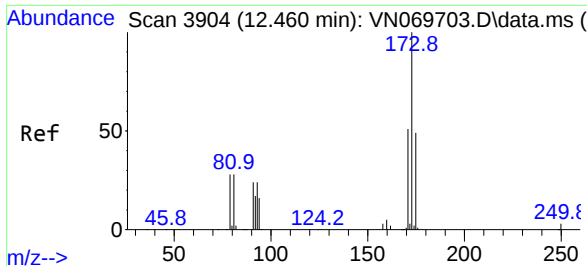
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 21.241 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion:104 Resp: 592813
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.1 45.0 67.6





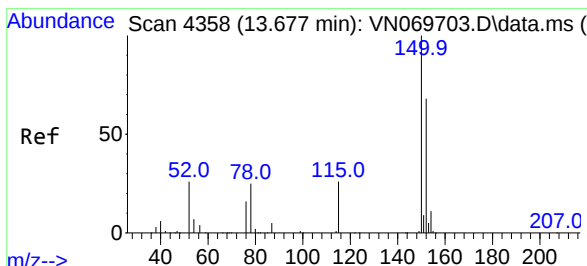
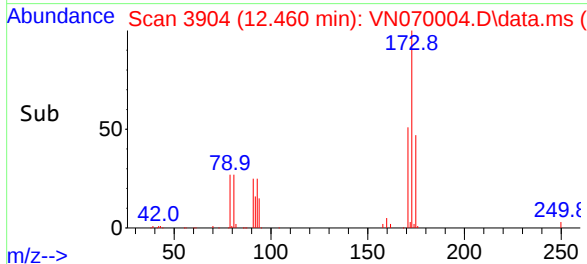
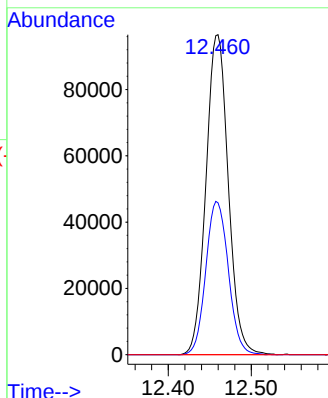
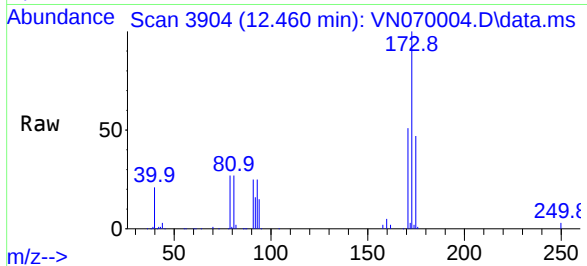
#71
Bromoform
Concen: 24.139 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:173 Resp: 180098
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

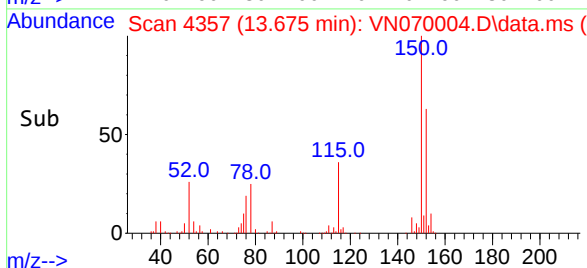
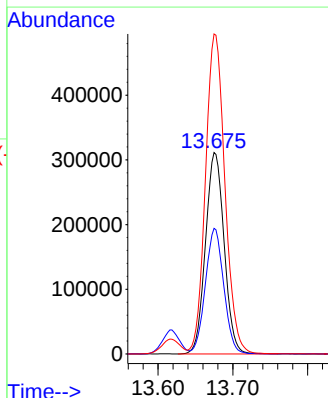
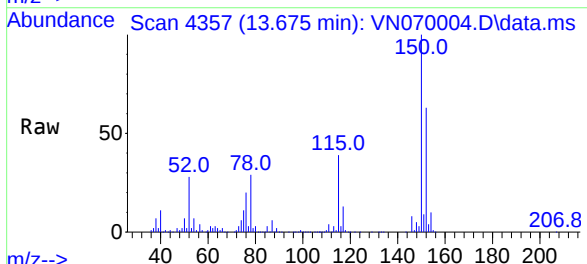
Manual Integrations
APPROVED

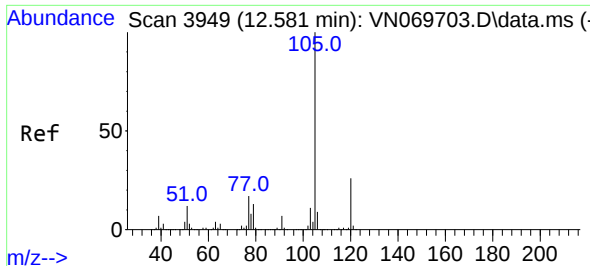
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

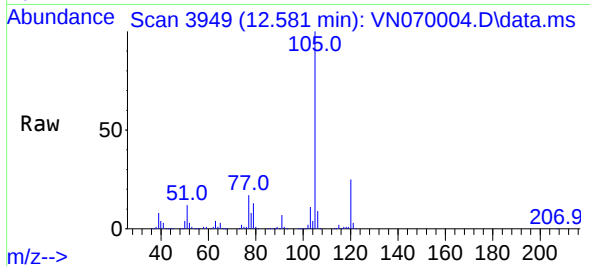
Tgt Ion:152 Resp: 540901
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 165.3 0.0 344.4





#73
Isopropylbenzene
Concen: 19.620 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

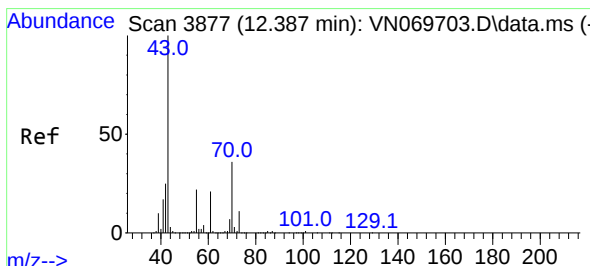
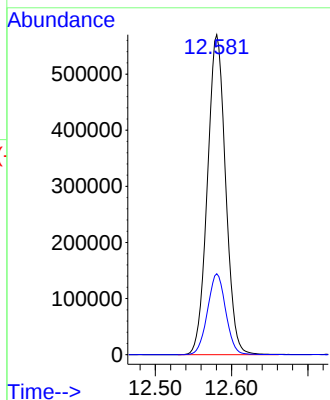
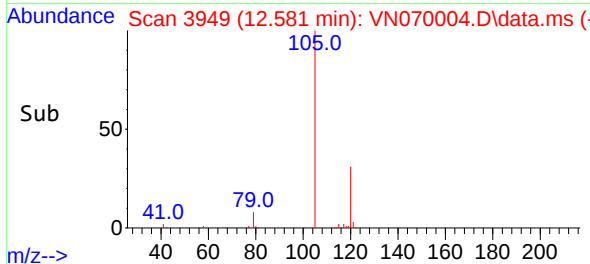
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



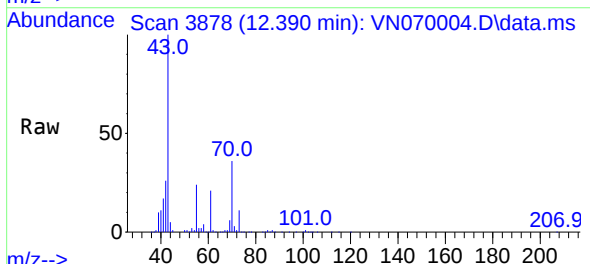
Tgt Ion:105 Resp: 94419
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

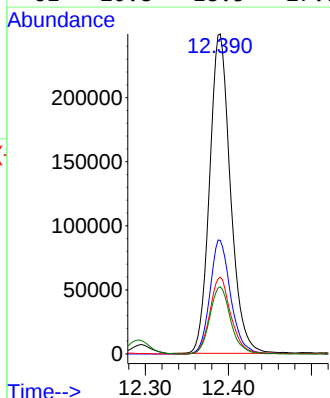
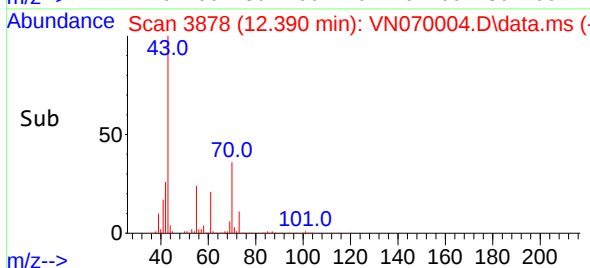
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

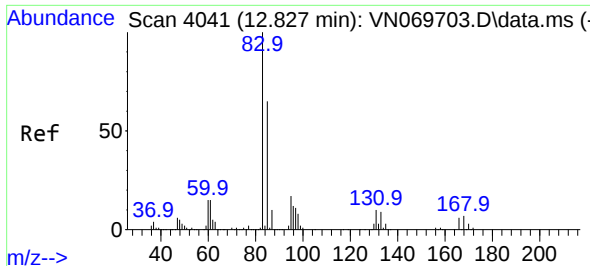


#74
N-ethyl acetate
Concen: 20.397 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



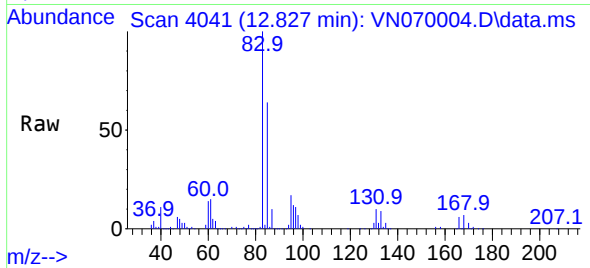
Tgt Ion: 43 Resp: 434098
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 24.3 19.3 28.9
61 20.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.511 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

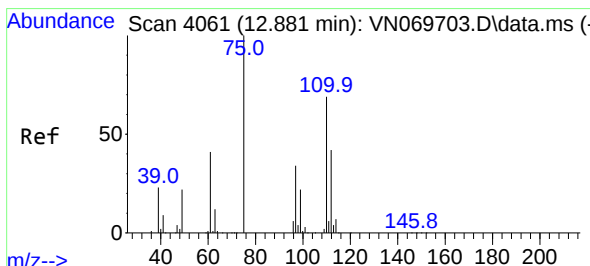
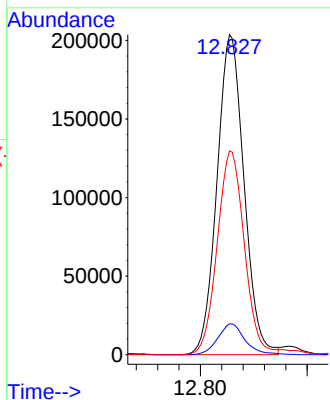
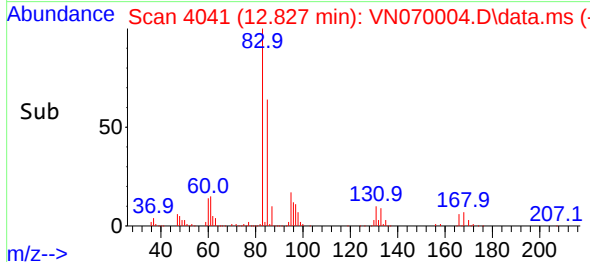
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



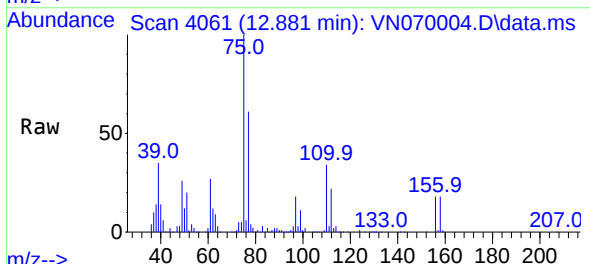
Tgt Ion: 83 Resp: 35798
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 65.0 32.4 97.2

Manual Integrations
APPROVED

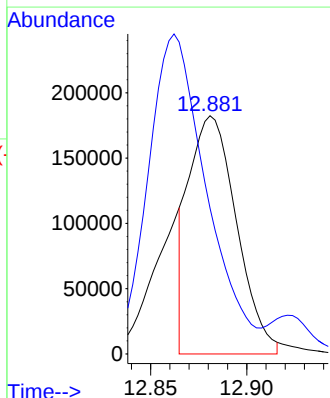
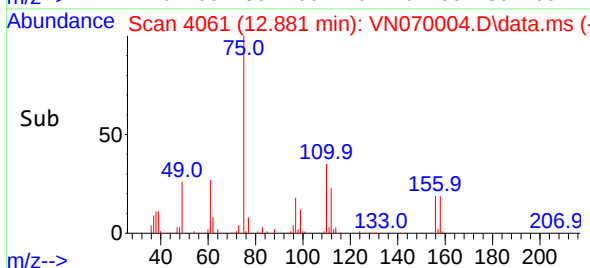
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

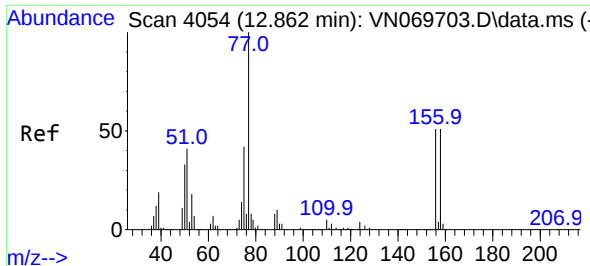


#76
1,2,3-Trichloropropane
Concen: 20.188 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



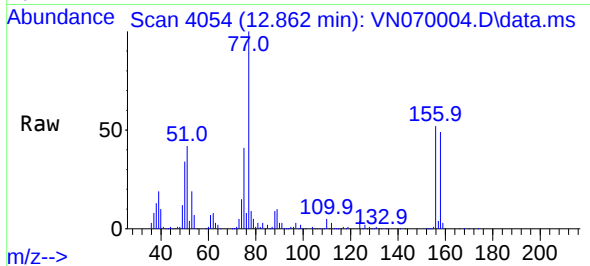
Tgt Ion: 75 Resp: 313148
Ion Ratio Lower Upper
75 100
77 166.6 82.6 247.8





#77
Bromobenzene
Concen: 19.921 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

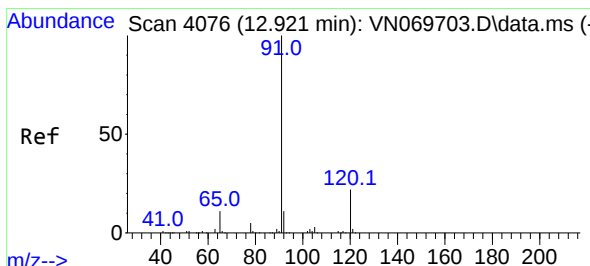
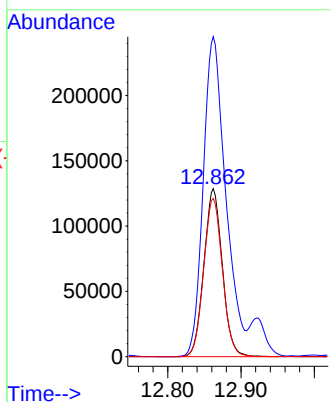
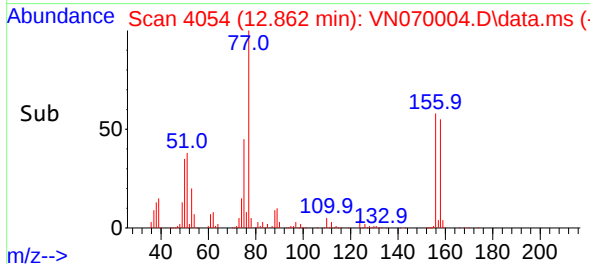
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



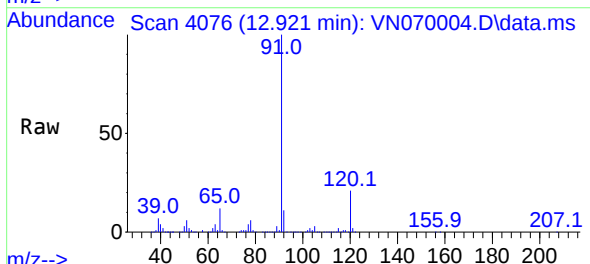
Tgt Ion:156 Resp: 22519
Ion Ratio Lower Upper
156 100
77 231.6 90.6 271.8
158 95.9 48.9 146.7

Manual Integrations
APPROVED

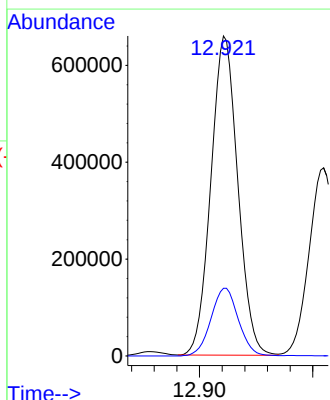
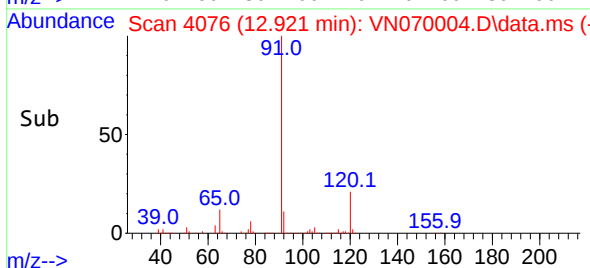
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

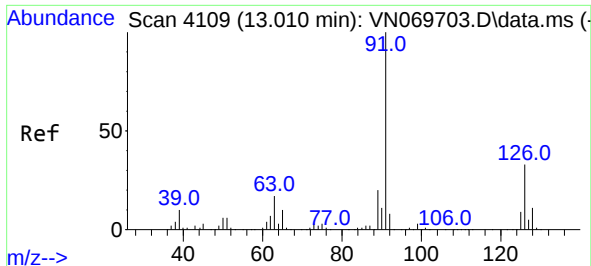


#78
n-propylbenzene
Concen: 20.267 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion: 91 Resp: 1085375
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





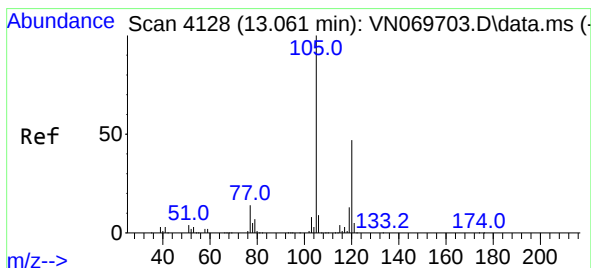
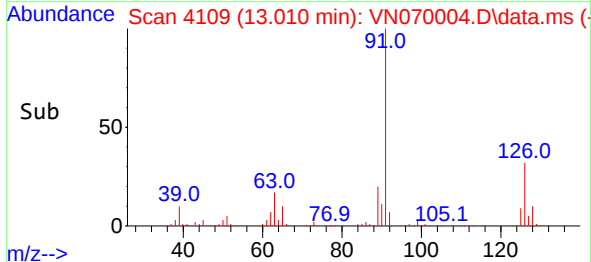
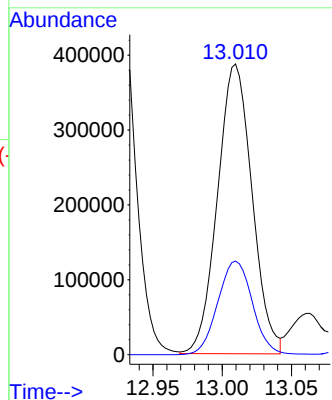
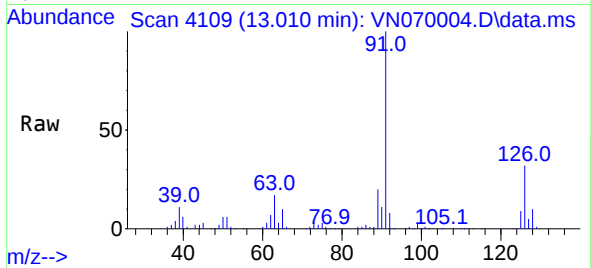
#79
2-Chlorotoluene
Concen: 19.857 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 91 Resp: 671935
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

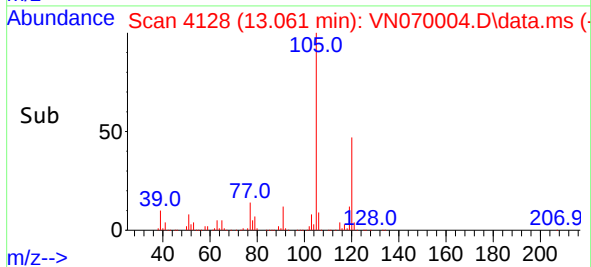
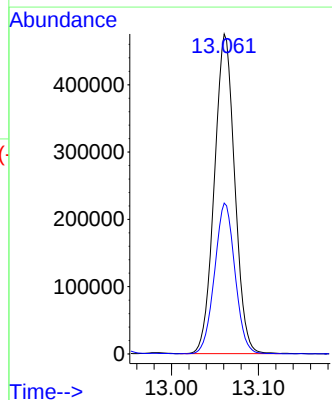
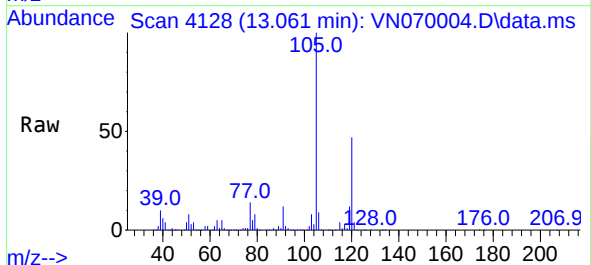
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.956 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

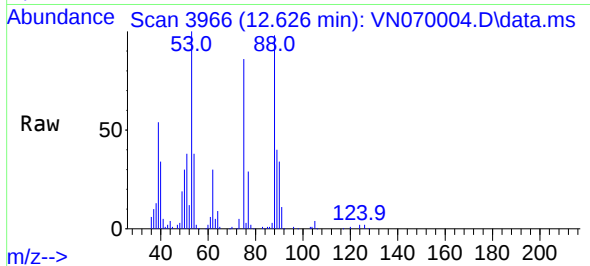
Tgt Ion:105 Resp: 772986
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 23.013 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

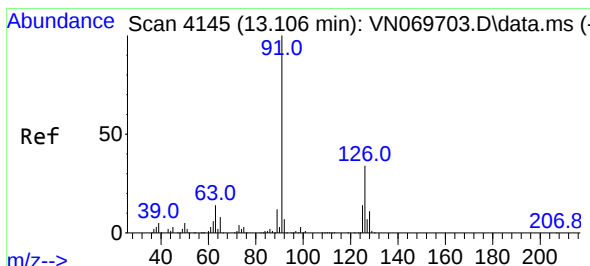
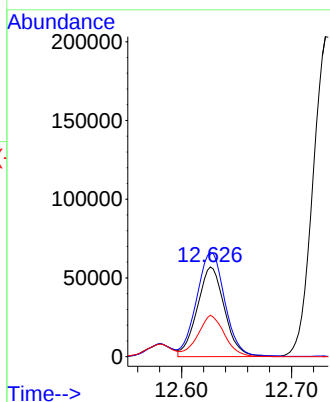
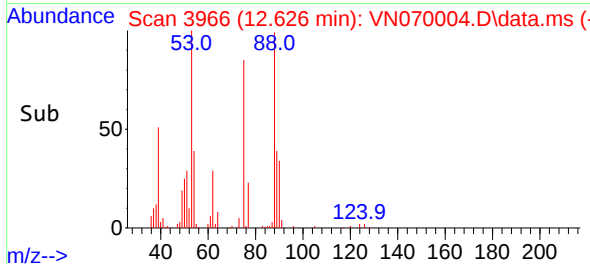
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



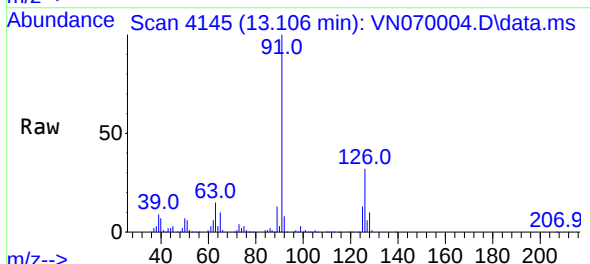
Tgt Ion: 75 Resp: 97760
Ion Ratio Lower Upper
75 100
53 121.8 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
APPROVED

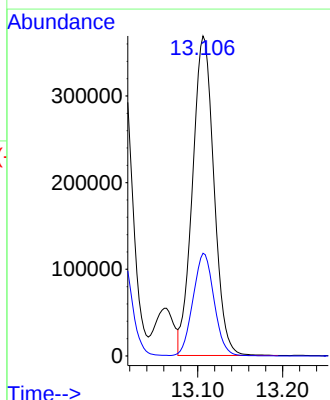
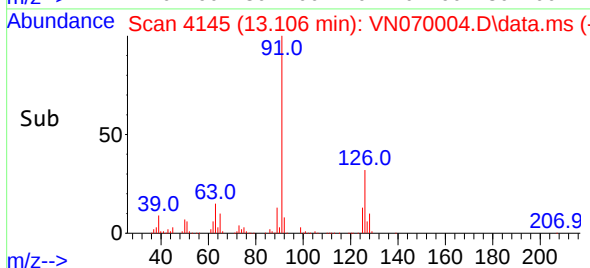
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 20.258 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion: 91 Resp: 644657
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





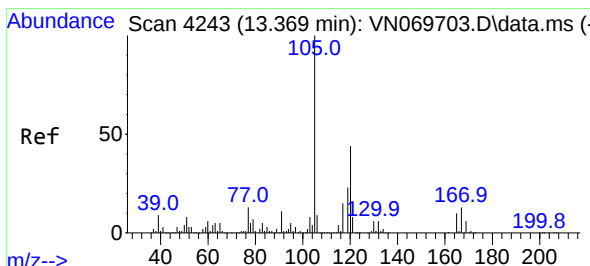
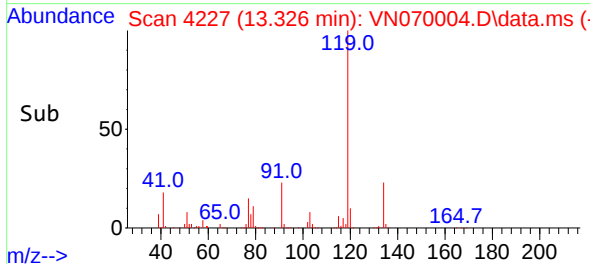
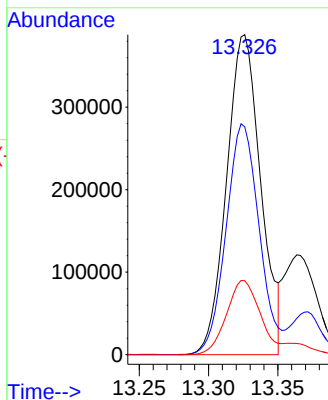
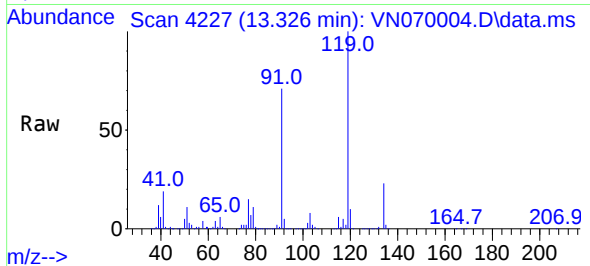
#83
tert-Butylbenzene
Concen: 19.411 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:119 Resp: 66578
Ion Ratio Lower Upper
119 100
91 70.0 31.5 94.5
134 23.0 12.4 37.4

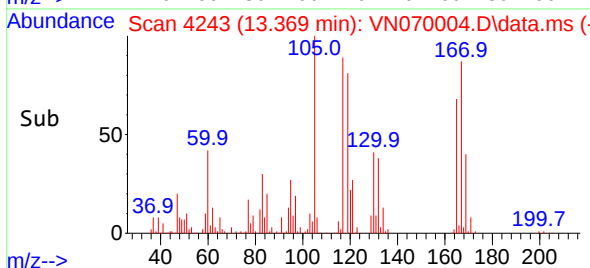
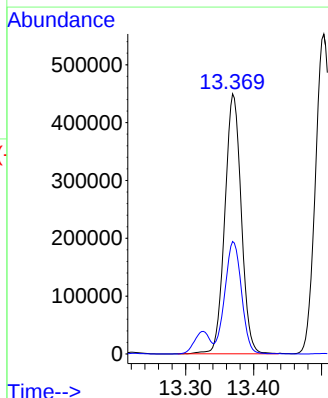
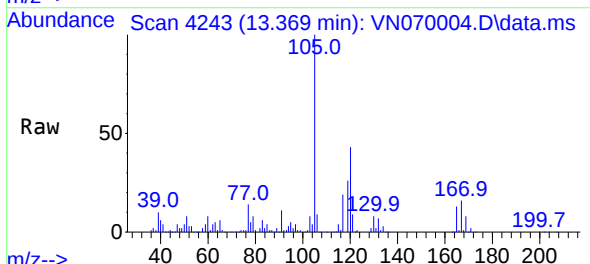
Manual Integrations
APPROVED

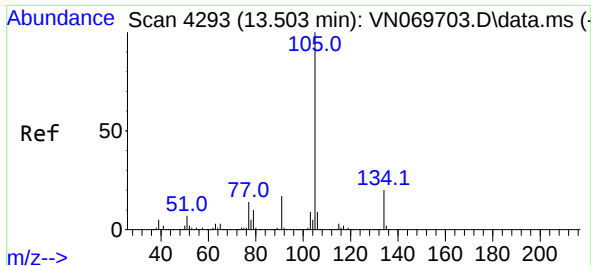
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.461 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion:105 Resp: 754807
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





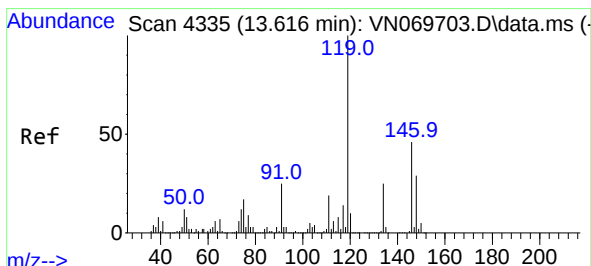
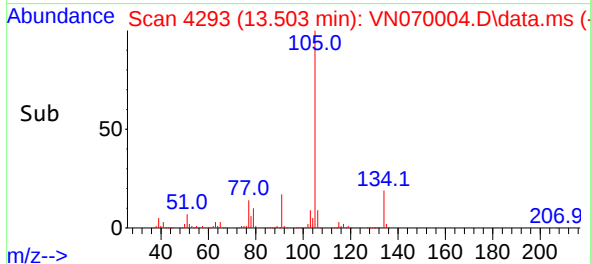
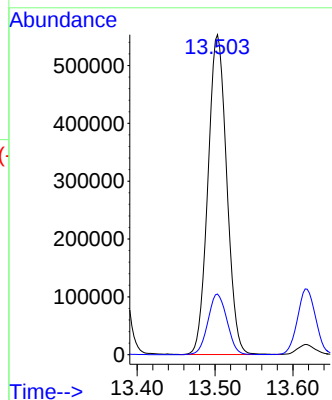
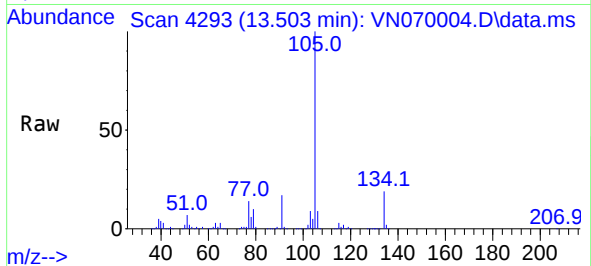
#85
 sec-Butylbenzene
 Concen: 19.896 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070004.D
 Acq: 11 Dec 2021 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBSD01

Tgt Ion:105 Resp: 92560
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

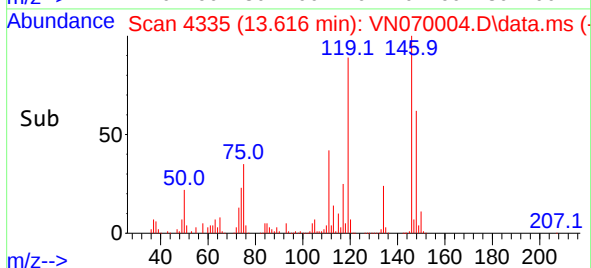
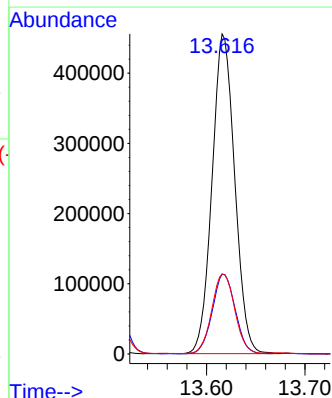
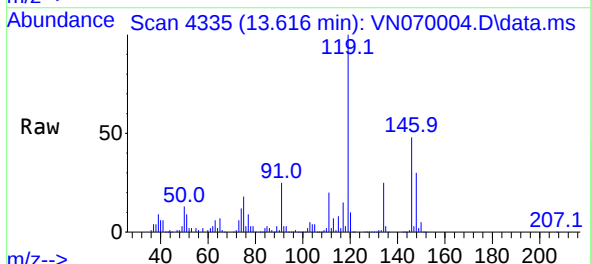
Manual Integrations
 APPROVED

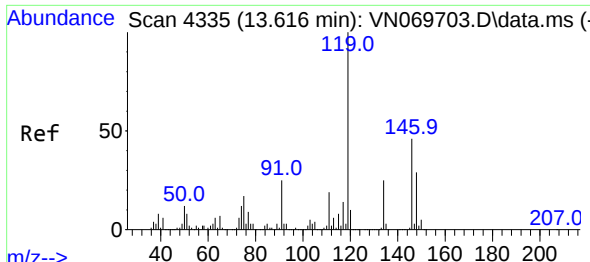
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 20.030 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070004.D
 Acq: 11 Dec 2021 13:19

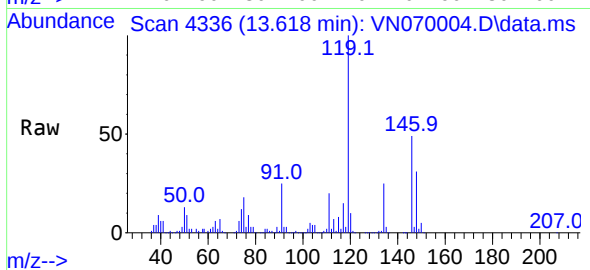
Tgt Ion:119 Resp: 728380
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.511 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

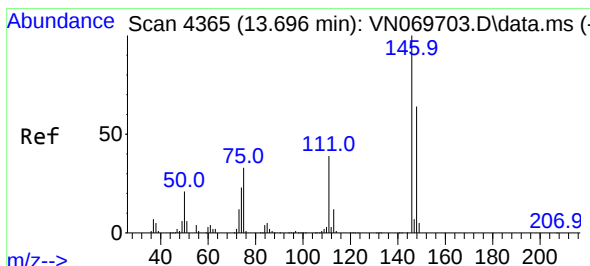
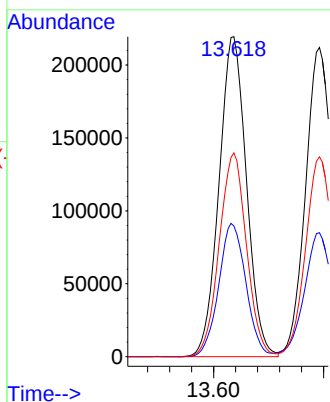
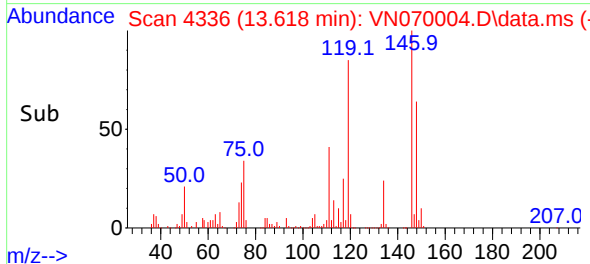
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



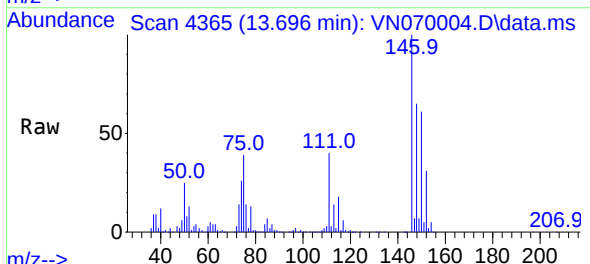
Tgt Ion:146 Resp: 38090
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.2 31.6 95.0

Manual Integrations
APPROVED

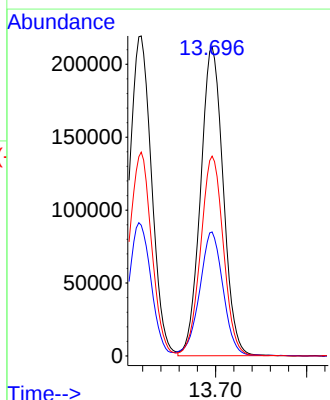
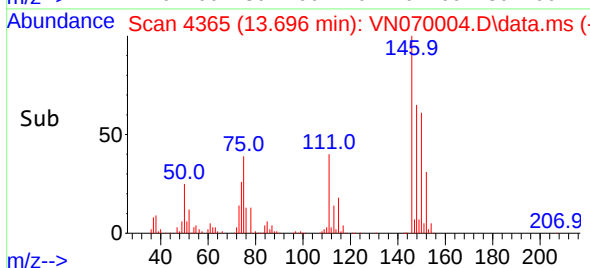
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 20.022 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion:146 Resp: 365394
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 65.2 31.8 95.4





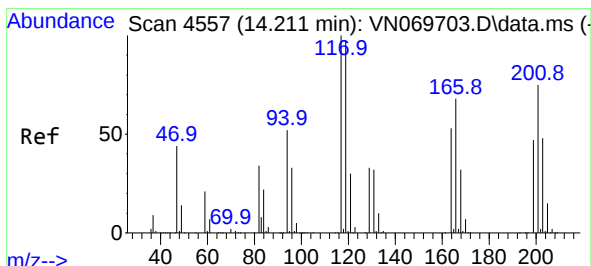
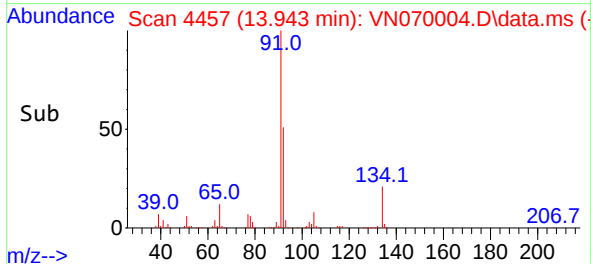
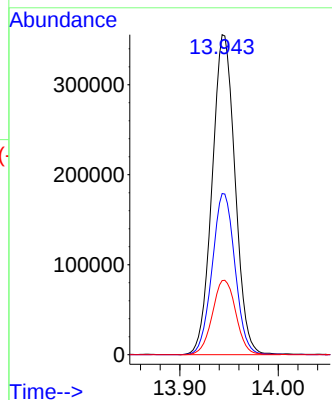
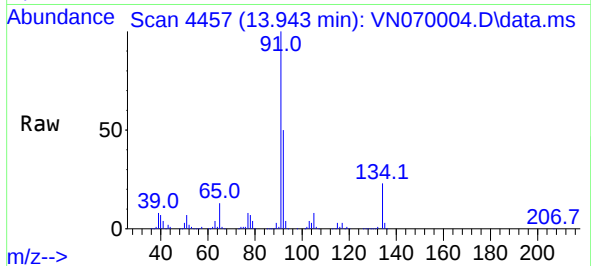
#89
n-Butylbenzene
Concen: 19.537 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion: 91 Resp: 576309
Ion Ratio Lower Upper
91 100
92 50.4 25.4 76.0
134 23.9 13.6 40.8

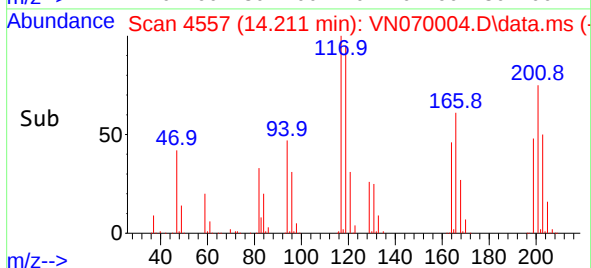
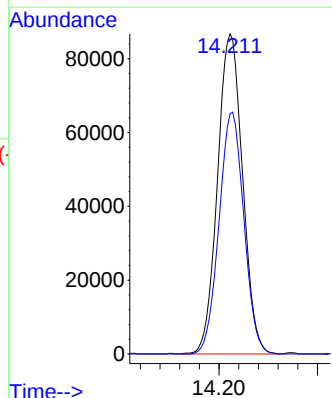
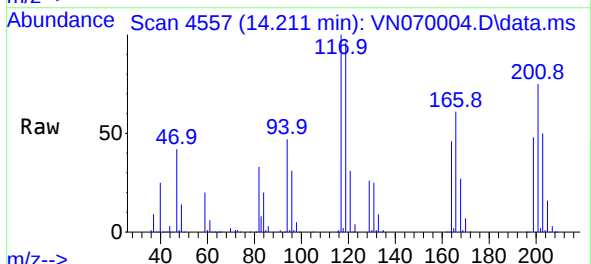
Manual Integrations
APPROVED

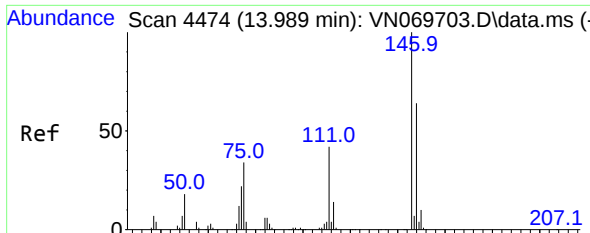
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 24.026 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

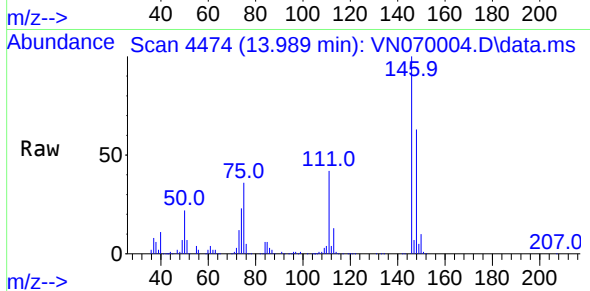
Tgt Ion:117 Resp: 153396
Ion Ratio Lower Upper
117 100
201 74.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.760 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

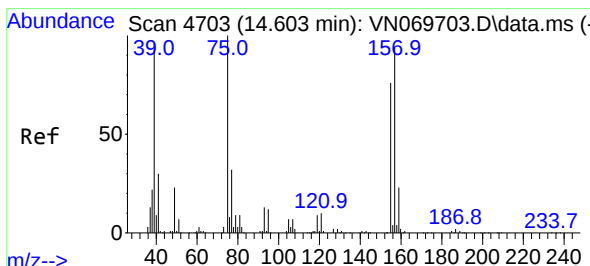
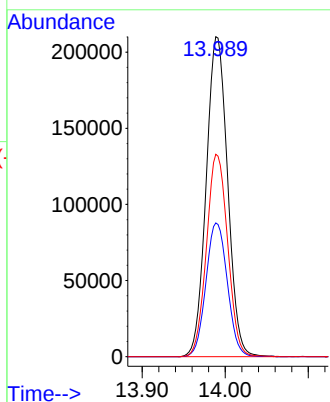
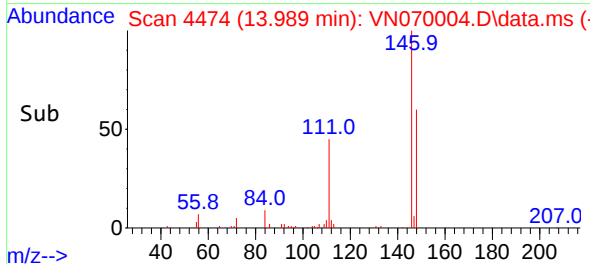
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



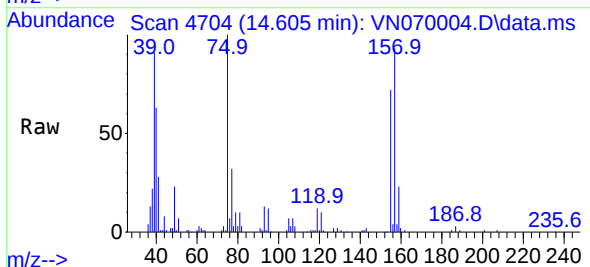
Tgt Ion:146 Resp: 375639
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 62.8 32.1 96.3

Manual Integrations
APPROVED

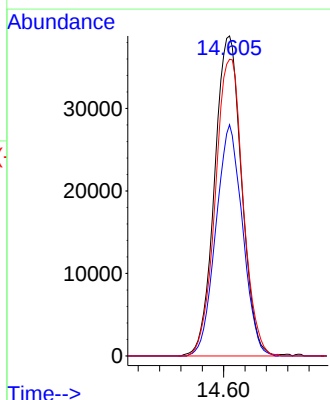
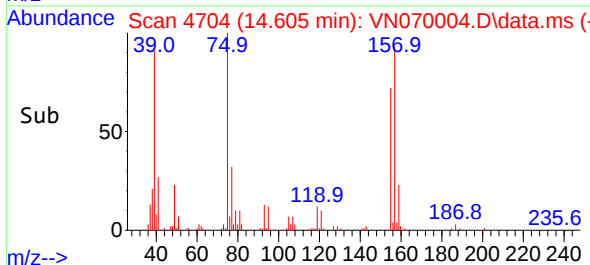
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.706 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



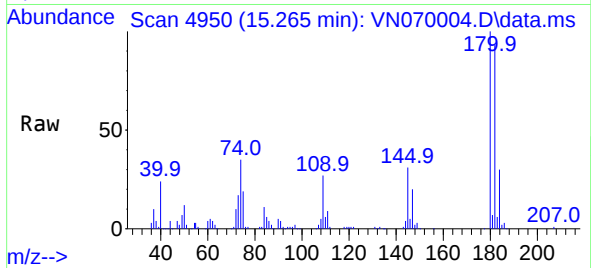
Tgt Ion: 75 Resp: 68280
Ion Ratio Lower Upper
75 100
155 71.2 46.9 140.7
157 94.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.088 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

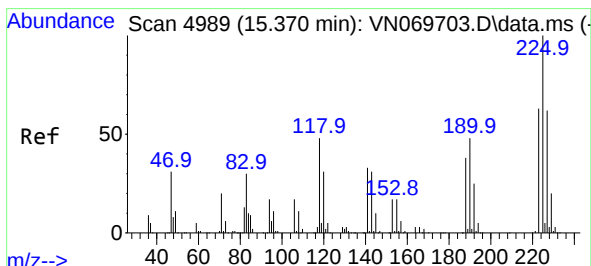
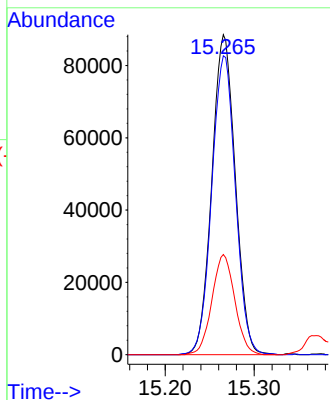
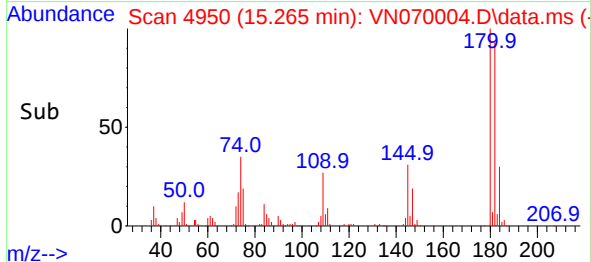
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01



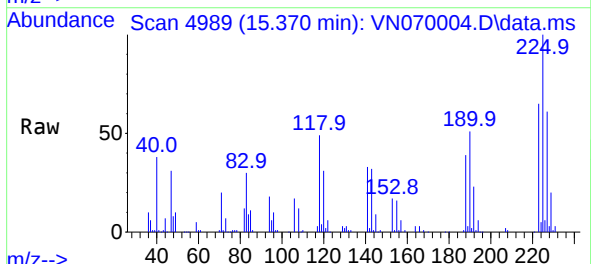
Tgt Ion:180 Resp: 16206
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
APPROVED

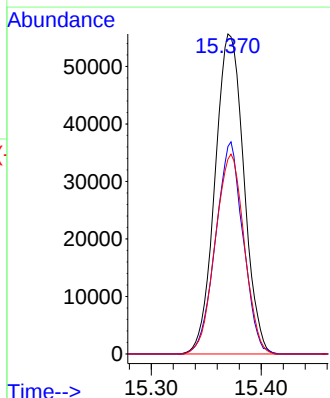
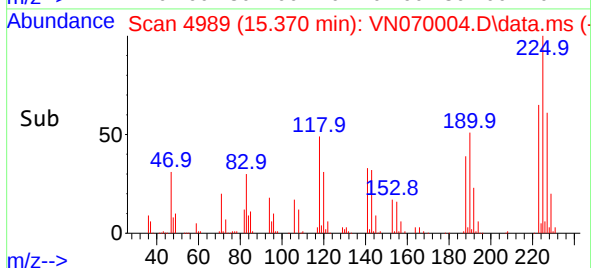
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

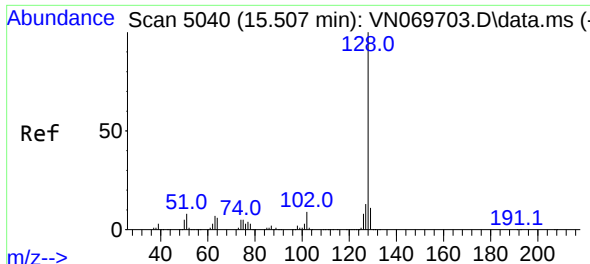


#94
Hexachlorobutadiene
Concen: 21.140 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19



Tgt Ion:225 Resp: 101376
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 62.9 32.1 96.3





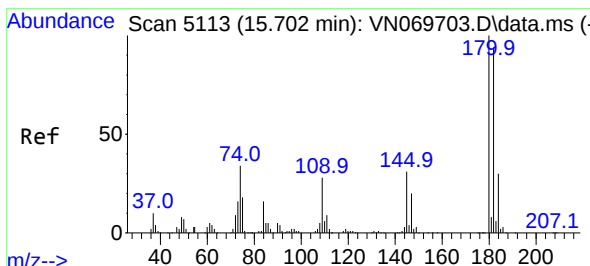
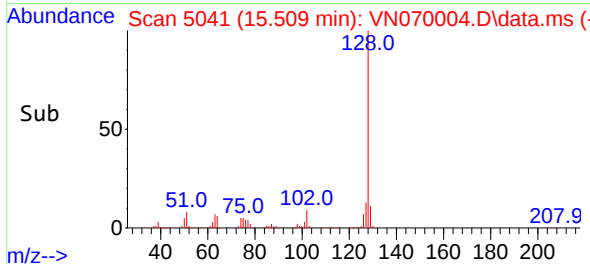
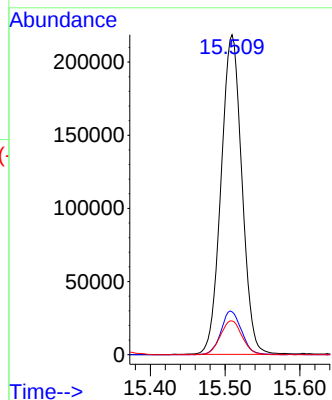
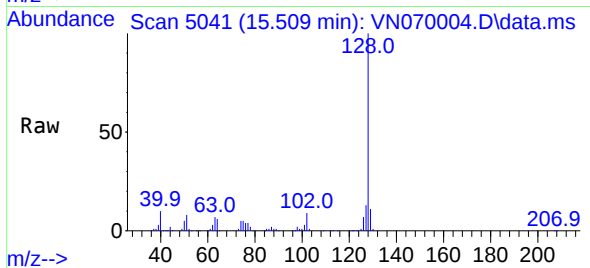
#95
Naphthalene
Concen: 18.695 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBSD01

Tgt Ion:128 Resp: 42252
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.211 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070004.D
Acq: 11 Dec 2021 13:19

Tgt Ion:180 Resp: 161611
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.2 15.0 45.1

