

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070066.D
 Acq On : 14 Dec 2021 13:01
 Operator : JC/MD
 Sample : VN1214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 14 17:10:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	894954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1455652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1320556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	563107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	684906	49.566	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.140%		
35) Dibromofluoromethane	8.021	113	466746	51.190	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.380%		
50) Toluene-d8	10.440	98	1787746	48.830	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.731	95	624931	47.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	193472	18.535	ug/l	99
3) Chloromethane	2.303	50	237358	18.150	ug/l	100
4) Vinyl Chloride	2.445	62	210805	17.531	ug/l	98
5) Bromomethane	2.858	94	122051	18.683	ug/l	100
6) Chloroethane	3.019	64	133388	18.102	ug/l	97
7) Trichlorofluoromethane	3.373	101	284505	18.028	ug/l	99
8) Diethyl Ether	3.819	74	123158	20.262	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	178138	20.137	ug/l	96
10) Methyl Iodide	4.419	142	227130	18.794	ug/l	98
11) Tert butyl alcohol	5.374	59	219743	84.130	ug/l	98
12) 1,1-Dichloroethene	4.178	96	159622	18.724	ug/l	86
13) Acrolein	4.039	56	175395	78.854	ug/l	97
14) Allyl chloride	4.838	41	375789	19.563	ug/l #	91
15) Acrylonitrile	5.554	53	672835	95.596	ug/l	99
16) Acetone	4.288	43	775937	93.349	ug/l	98
17) Carbon Disulfide	4.527	76	415890	18.884	ug/l	99
18) Methyl Acetate	4.857	43	472264	18.823	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	654926	19.758	ug/l	95
20) Methylene Chloride	5.093	84	208427	18.862	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	172608	18.642	ug/l #	84
22) Diisopropyl ether	6.498	45	790013	21.041	ug/l	95
23) Vinyl Acetate	6.434	43	3072792	100.596	ug/l #	93
24) 1,1-Dichloroethane	6.385	63	392988	20.206	ug/l	99
25) 2-Butanone	7.337	43	1027362	90.966	ug/l	91
26) 2,2-Dichloropropane	7.327	77	275971	18.250	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	213339	19.070	ug/l	84
28) Bromochloromethane	7.656	49	201347	19.908	ug/l #	76
29) Tetrahydrofuran	7.686	42	651956	95.066	ug/l	87
30) Chloroform	7.817	83	393713	20.044	ug/l	98
31) Cyclohexane	8.094	56	370734	19.279	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	319781	19.112	ug/l	95
36) 1,1-Dichloropropene	8.220	75	276839	19.978	ug/l	96
37) Ethyl Acetate	7.415	43	388424	18.833	ug/l	95
38) Carbon Tetrachloride	8.206	117	267255	19.667	ug/l	100
39) Methylcyclohexane	9.459	83	315094	19.116	ug/l	89
40) Benzene	8.458	78	852820	20.134	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070066.D
 Acq On : 14 Dec 2021 13:01
 Operator : JC/MD
 Sample : VN1214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 14 17:10:48 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	7.638	41	204632	21.135	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	351872	20.579	ug/l	96
43) Isopropyl Acetate	8.560	43	589900	19.327	ug/l #	94
44) Trichloroethene	9.215	130	194170	19.206	ug/l	91
45) 1,2-Dichloropropane	9.491	63	235804	20.731	ug/l	100
46) Dibromomethane	9.577	93	152785	20.482	ug/l	92
47) Bromodichloromethane	9.762	83	306400	21.694	ug/l	99
48) Methyl methacrylate	9.558	41	272542	19.134	ug/l	84
49) 1,4-Dioxane	9.571	88	94470	369.637	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1988208	100.414	ug/l	94
52) Toluene	10.505	92	515031	19.917	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	295361	19.207	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	328542	19.688	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	212898	20.405	ug/l	97
56) Ethyl methacrylate	10.762	69	333286	18.437	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	373090	20.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	329896	75.877	ug/l	91
59) 2-Hexanone	11.087	43	1402614	93.644	ug/l	92
60) Dibromochloromethane	11.237	129	211983	20.437	ug/l	99
61) 1,2-Dibromoethane	11.347	107	207982	19.245	ug/l	98
64) Tetrachloroethene	10.977	164	176144	19.672	ug/l	96
65) Chlorobenzene	11.771	112	533073	19.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	192661	20.432	ug/l	100
67) Ethyl Benzene	11.843	91	988752	20.318	ug/l	95
68) m/p-Xylenes	11.953	106	724454	40.886	ug/l	92
69) o-Xylene	12.280	106	356627	19.982	ug/l	91
70) Styrene	12.294	104	572849	20.241	ug/l	95
71) Bromoform	12.457	173	152263	20.580	ug/l #	100
73) Isopropylbenzene	12.578	105	945272	18.867	ug/l	98
74) N-amyl acetate	12.387	43	396697	17.904	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	334994	19.336	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	300994m	18.639	ug/l	
77) Bromobenzene	12.862	156	216283	18.379	ug/l	77
78) n-propylbenzene	12.921	91	1073666	19.258	ug/l	95
79) 2-Chlorotoluene	13.007	91	667123	18.938	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	771670	19.136	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	76226	18.255	ug/l	87
82) 4-Chlorotoluene	13.106	91	646668	19.520	ug/l	92
83) tert-Butylbenzene	13.323	119	671118	18.795	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	757283	19.719	ug/l	97
85) sec-Butylbenzene	13.501	105	921828	19.033	ug/l	97
86) p-Isopropyltoluene	13.616	119	724913	19.148	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	377209	19.511	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	366207	19.275	ug/l	97
89) n-Butylbenzene	13.943	91	573540	18.676	ug/l	98
90) Hexachloroethane	14.211	117	122953	18.498	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	369172	19.598	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56747	18.126	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	160654	19.266	ug/l	97
94) Hexachlorobutadiene	15.370	225	100804	20.192	ug/l	98
95) Naphthalene	15.507	128	417985	17.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	160422	19.384	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
Data File : VN070066.D
Acq On : 14 Dec 2021 13:01
Operator : JC/MD
Sample : VN1214MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

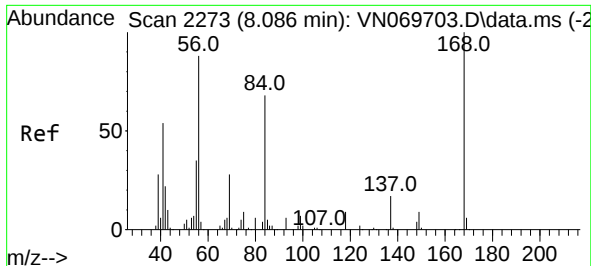
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

Quant Time: Dec 14 17:10:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

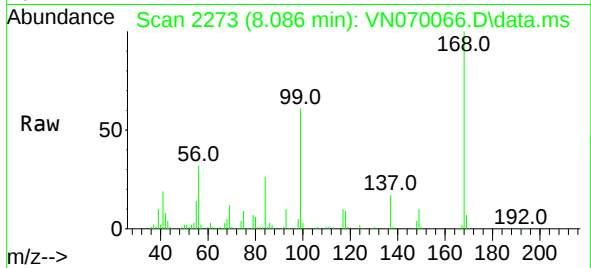
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

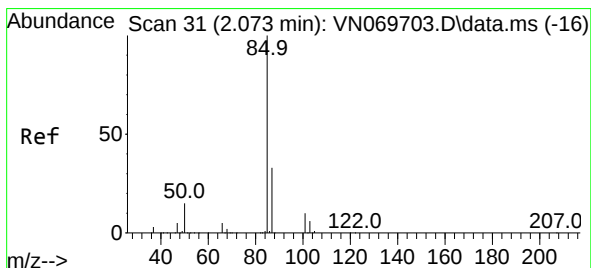
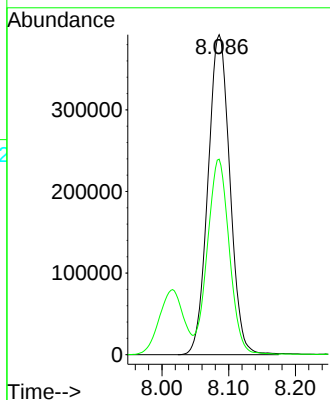
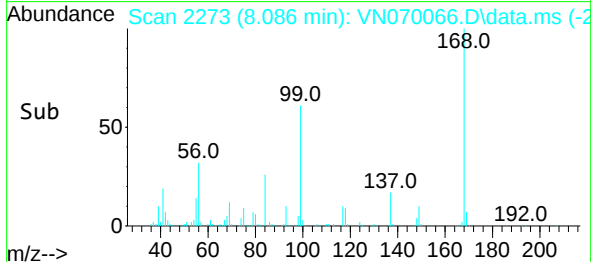
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion:168 Resp: 894954
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

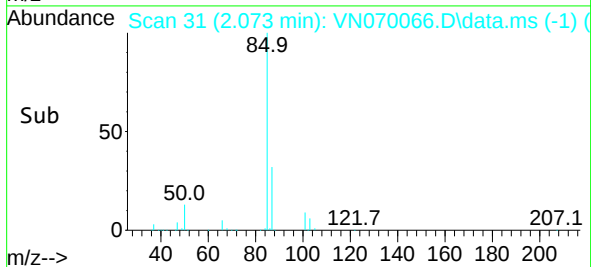
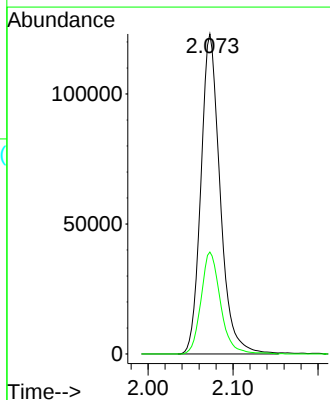
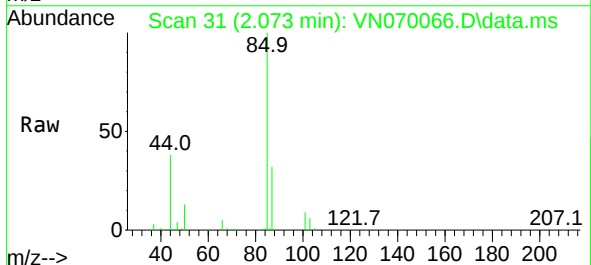
Manual Integrations
APPROVED

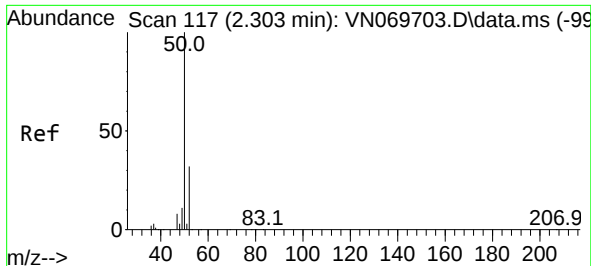
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#2
Dichlorodifluoromethane
Concen: 18.535 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

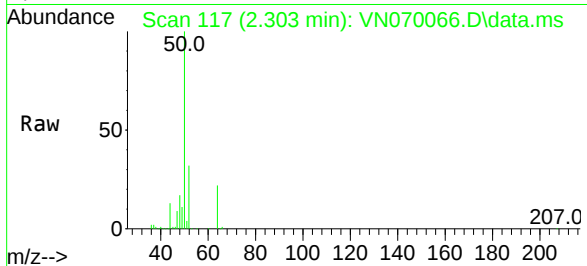
Tgt Ion: 85 Resp: 193472
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 18.150 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

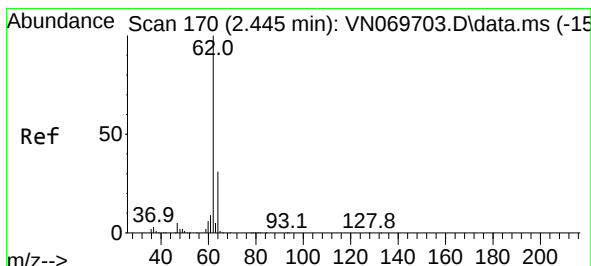
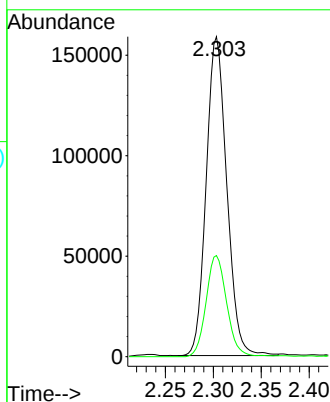
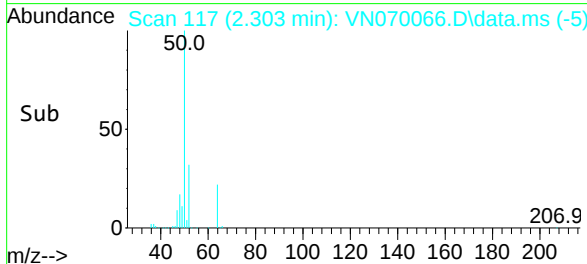
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



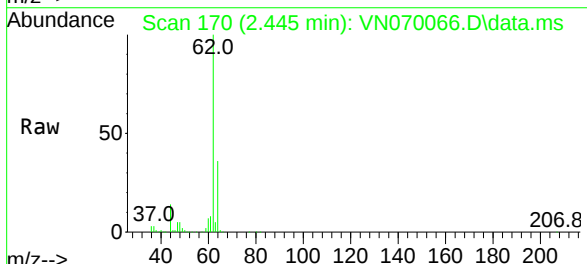
Tgt Ion: 50 Resp: 237358
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

Manual Integrations
APPROVED

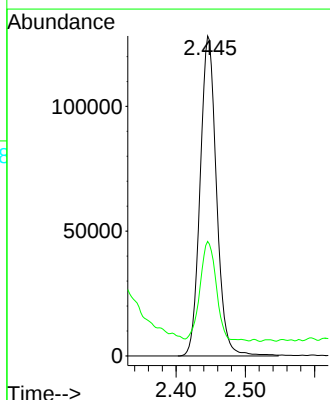
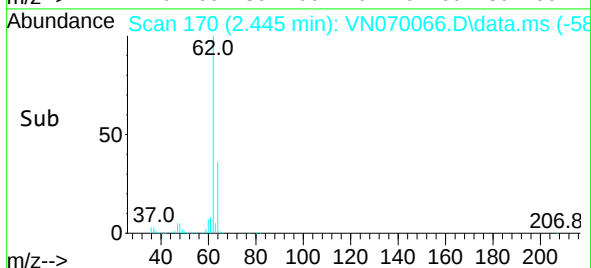
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

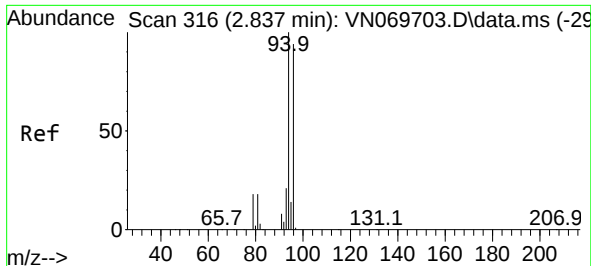


#4
Vinyl Chloride
Concen: 17.531 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



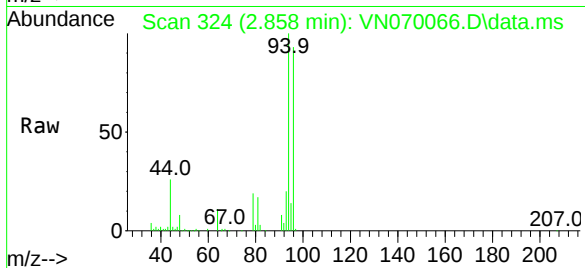
Tgt Ion: 62 Resp: 210805
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 18.683 ug/l
RT: 2.858 min Scan# 316
Delta R.T. 0.022 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

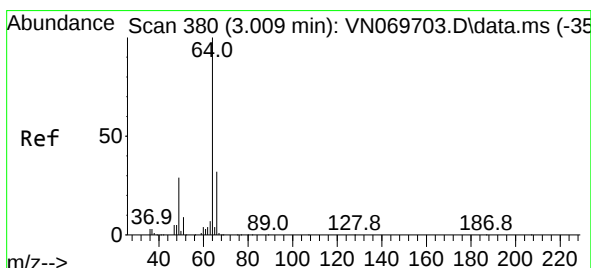
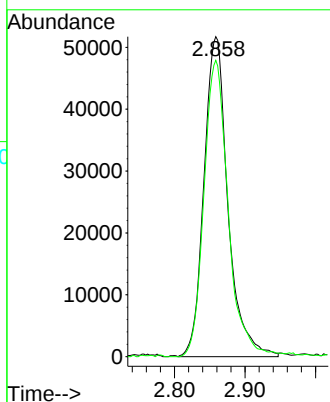
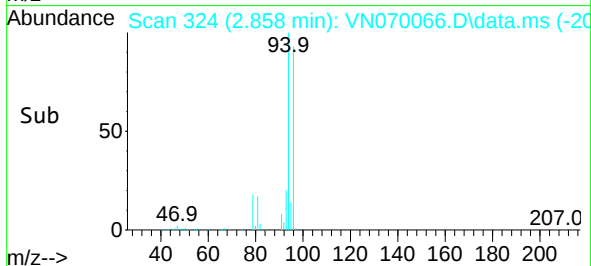
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 94 Resp: 12205
Ion Ratio Lower Upper
94 100
96 92.6 73.8 110.8

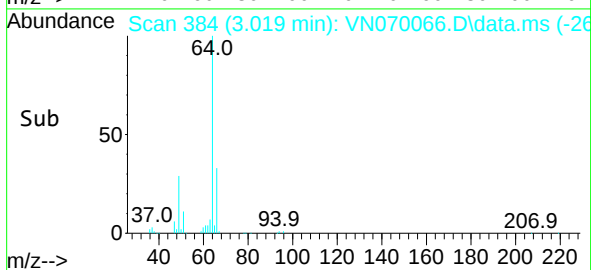
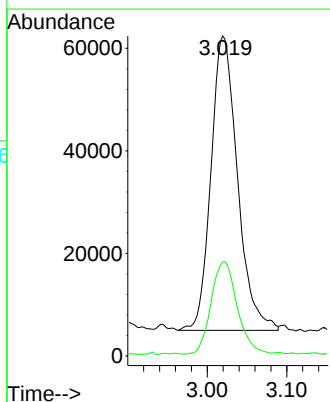
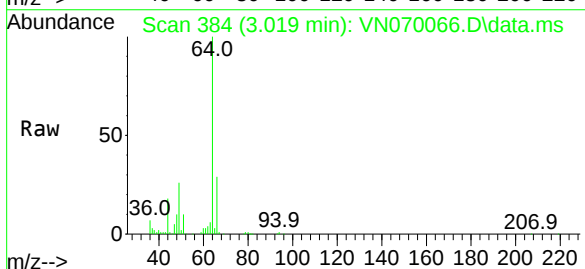
Manual Integrations
APPROVED

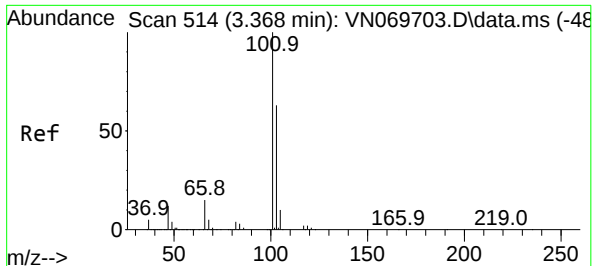
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#6
Chloroethane
Concen: 18.102 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion: 64 Resp: 133388
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





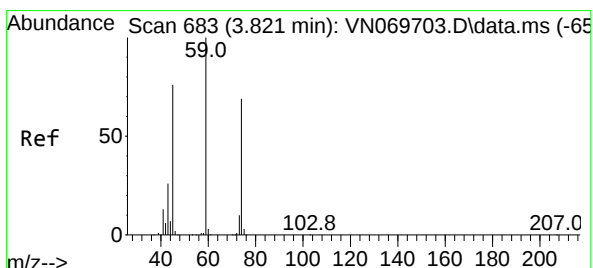
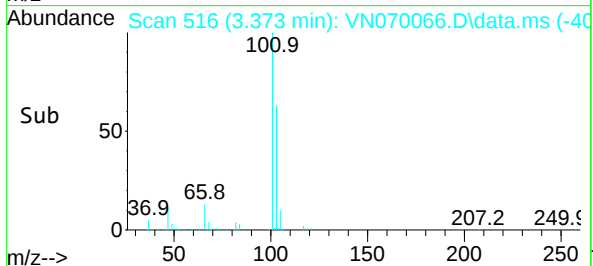
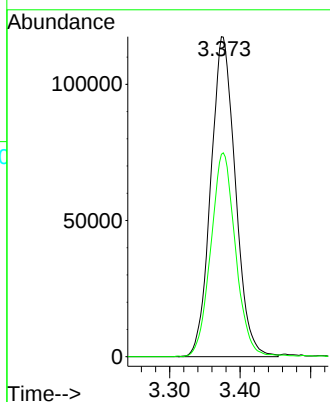
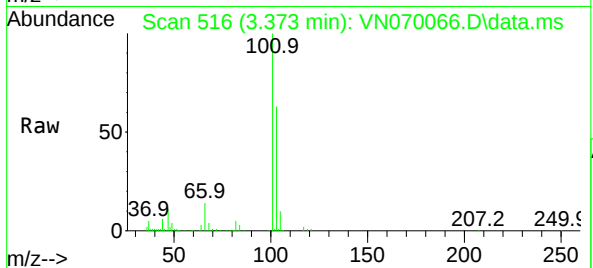
#7
Trichlorofluoromethane
Concen: 18.028 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.005 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:101 Resp: 28450
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

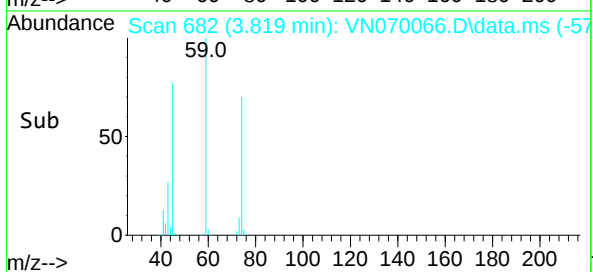
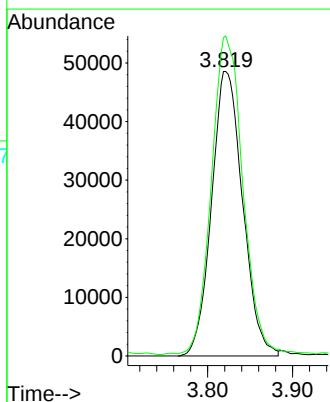
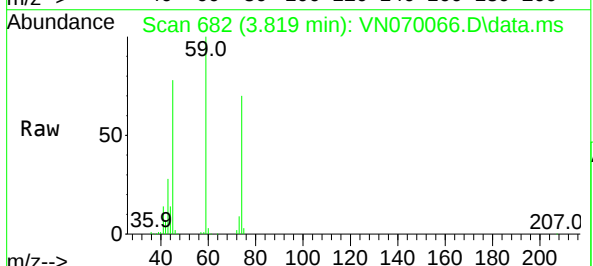
Manual Integrations
APPROVED

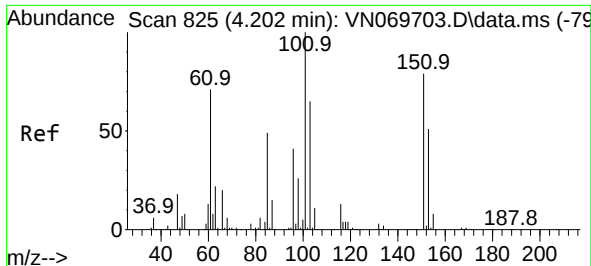
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#8
Diethyl Ether
Concen: 20.262 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion: 74 Resp: 123158
Ion Ratio Lower Upper
74 100
45 112.2 47.0 141.2





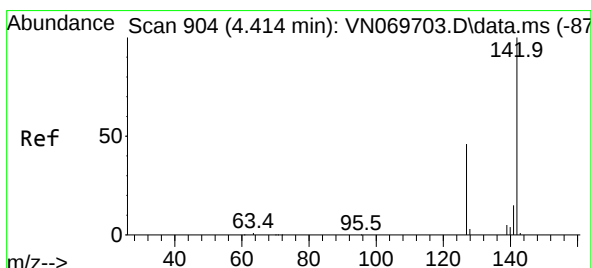
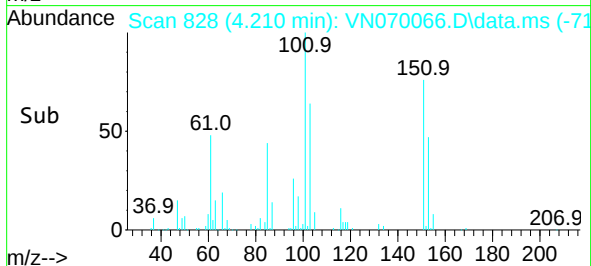
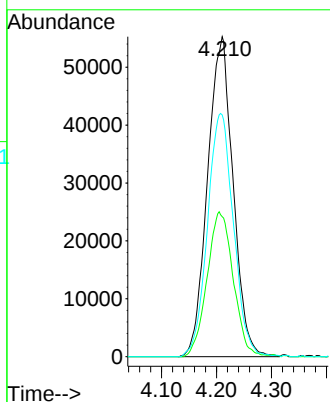
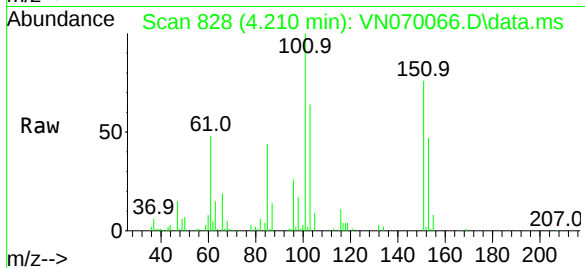
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.137 ug/l
RT: 4.210 min Scan# 825
Delta R.T. 0.008 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:101 Resp: 17813
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 77.5 65.9 98.9

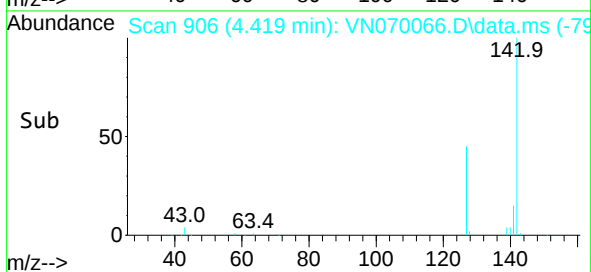
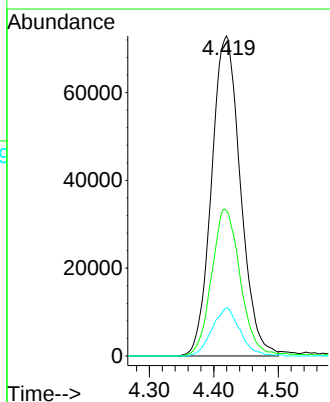
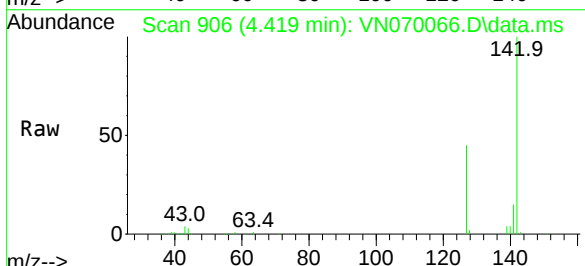
Manual Integrations
APPROVED

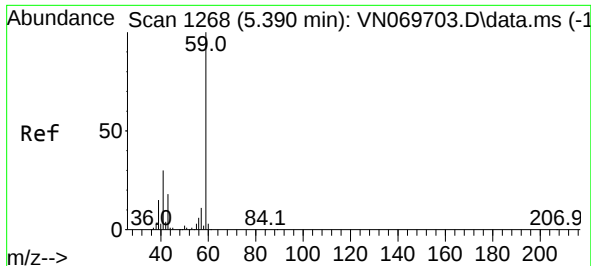
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 18.794 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

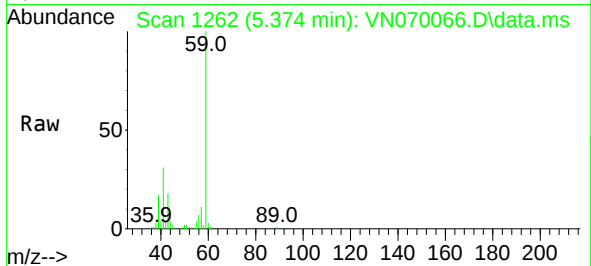
Tgt Ion:142 Resp: 227130
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.130 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

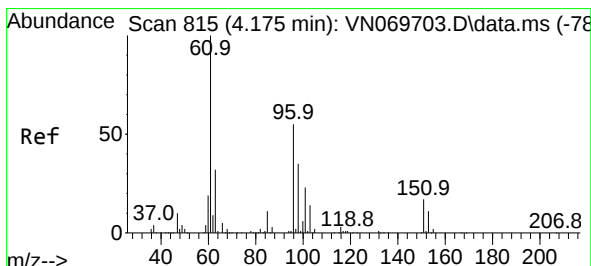
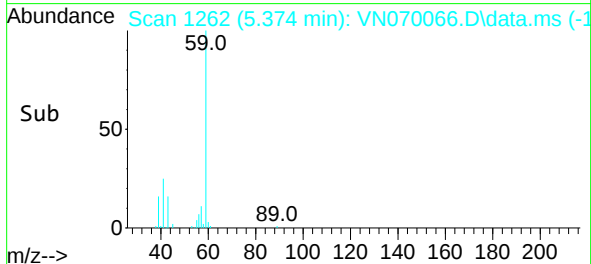
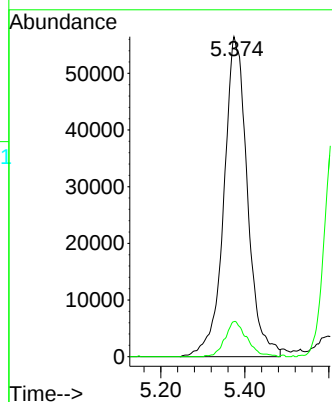
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 59 Resp: 21974
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

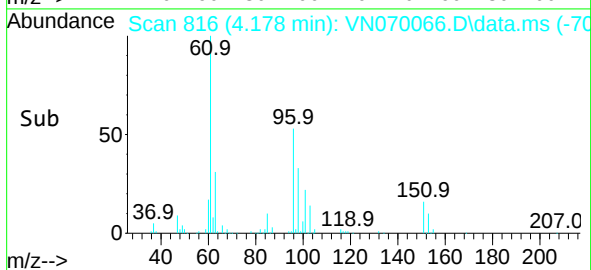
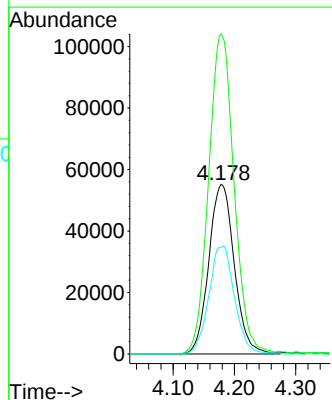
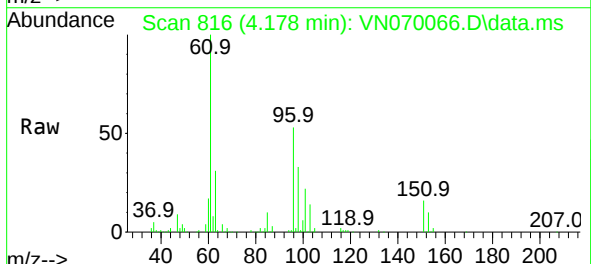
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 18.724 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

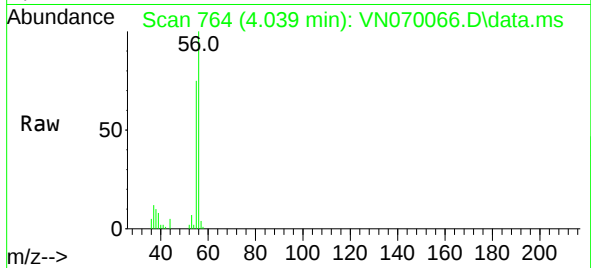
Tgt Ion: 96 Resp: 159622
Ion Ratio Lower Upper
96 100
61 188.9 131.0 196.6
98 62.9 52.4 78.6





#13
Acrolein
Concen: 78.854 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

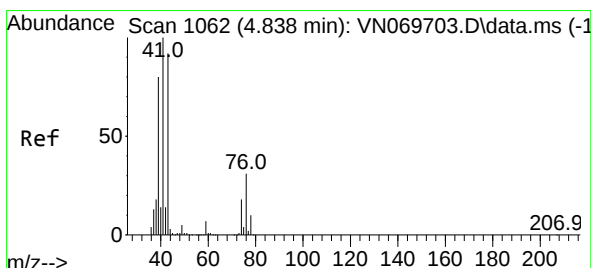
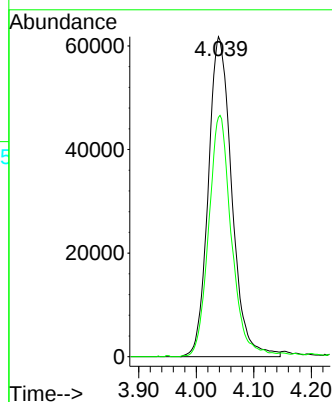
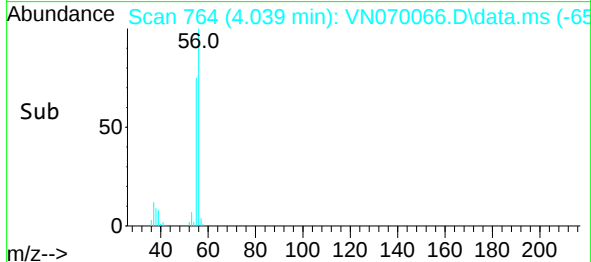
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



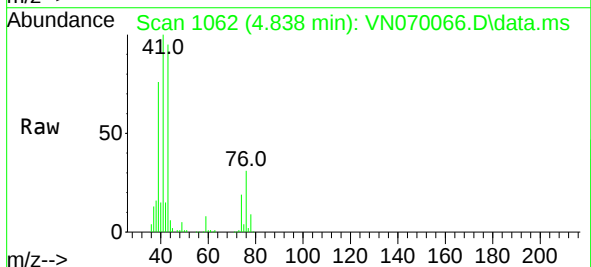
Tgt Ion: 56 Resp: 17539
Ion Ratio Lower Upper
56 100
55 73.0 56.6 85.0

Manual Integrations
APPROVED

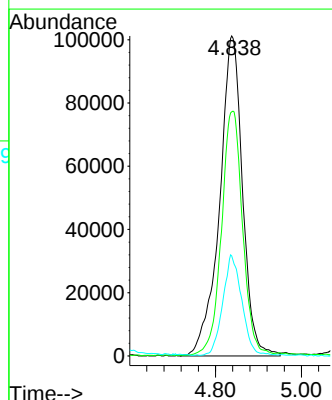
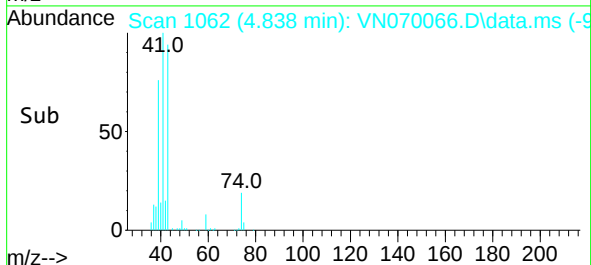
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

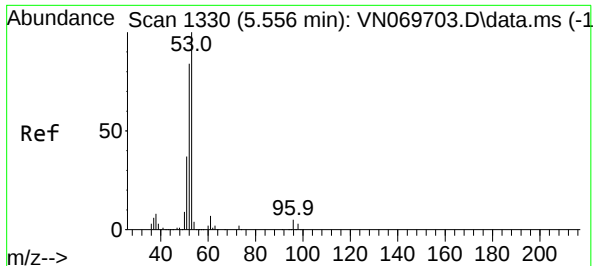


#14
Allyl chloride
Concen: 19.563 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



Tgt Ion: 41 Resp: 375789
Ion Ratio Lower Upper
41 100
39 70.0 61.2 91.8
76 25.9 26.0 39.0





#15

Acrylonitrile

Concen: 95.596 ug/l

RT: 5.554 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 53 Resp: 67283

Ion Ratio Lower Upper

53 100

52 84.1 66.2 99.2

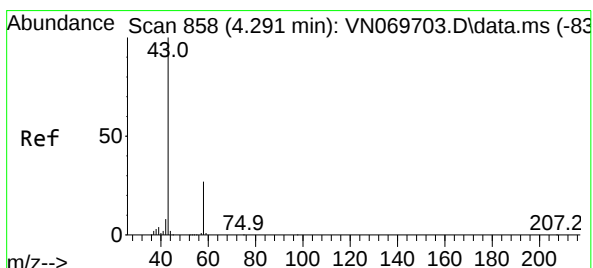
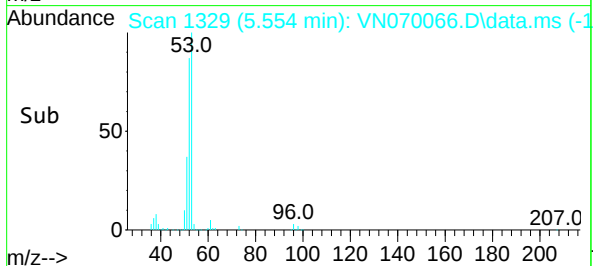
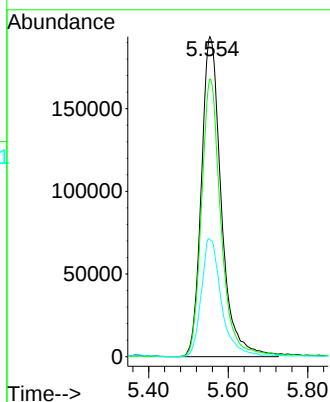
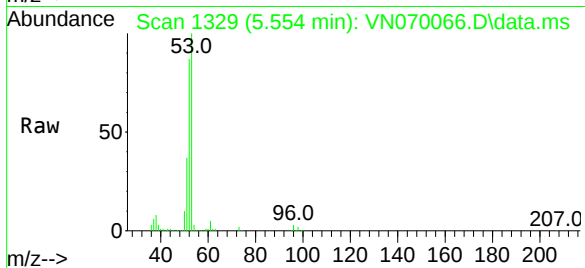
51 37.0 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#16

Acetone

Concen: 93.349 ug/l

RT: 4.288 min Scan# 857

Delta R.T. -0.003 min

Lab File: VN070066.D

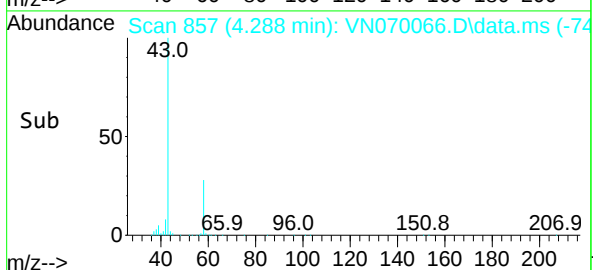
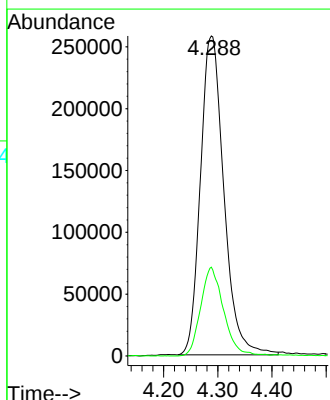
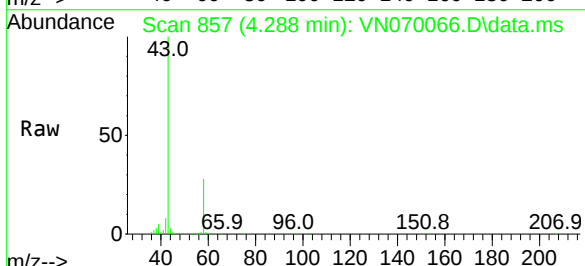
Acq: 14 Dec 2021 13:01

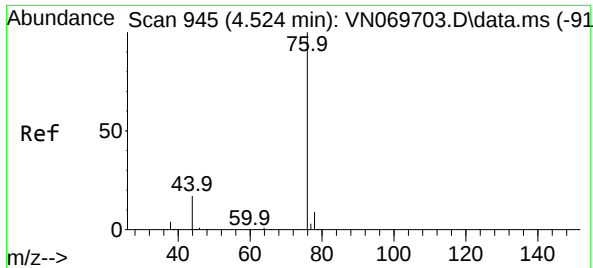
Tgt Ion: 43 Resp: 775937

Ion Ratio Lower Upper

43 100

58 27.9 23.1 34.7





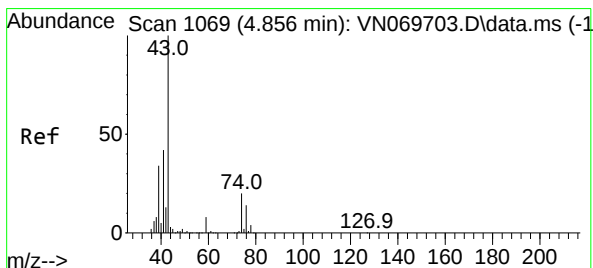
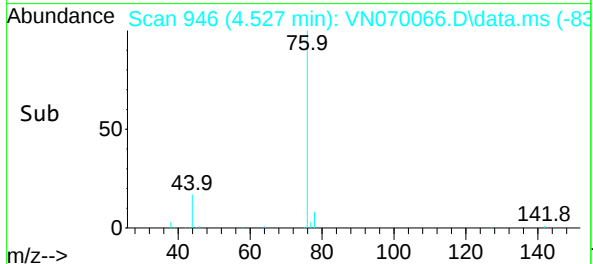
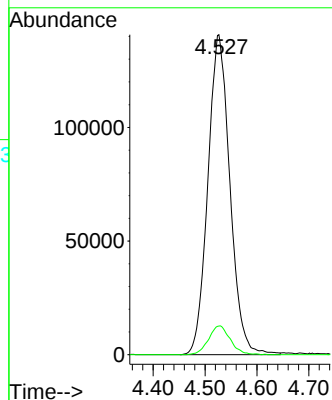
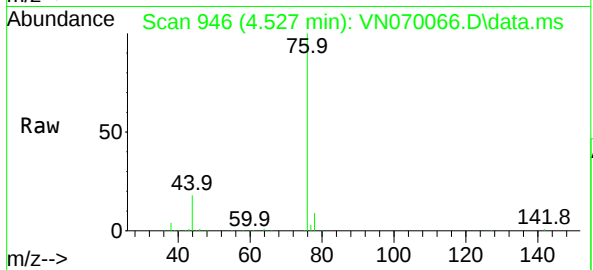
#17
Carbon Disulfide
Concen: 18.884 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 76 Resp: 415890
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

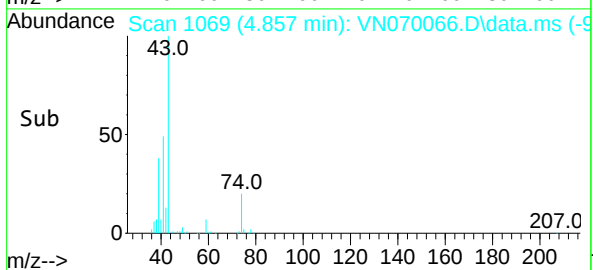
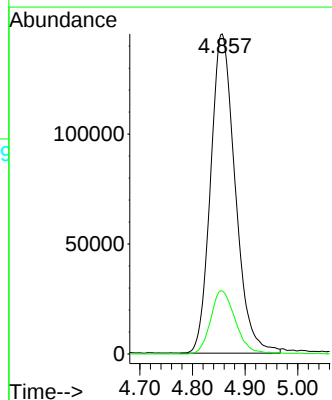
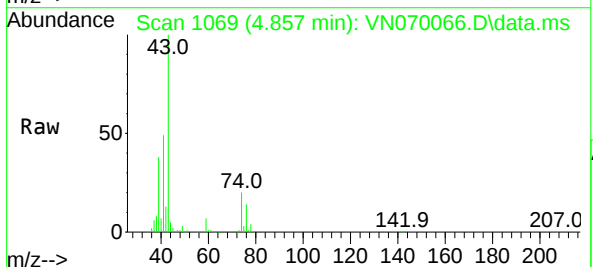
Manual Integrations
APPROVED

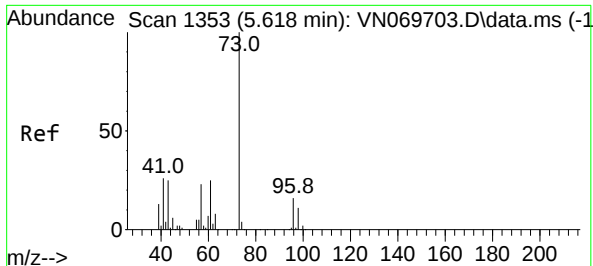
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#18
Methyl Acetate
Concen: 18.823 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

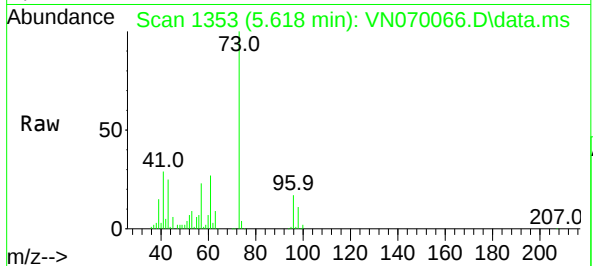
Tgt Ion: 43 Resp: 472264
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.758 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

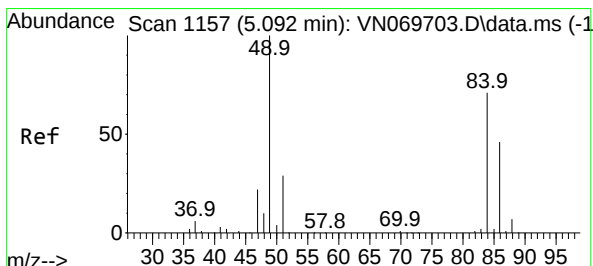
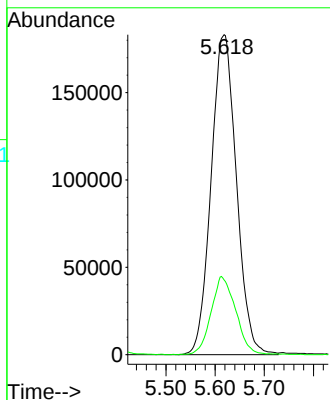
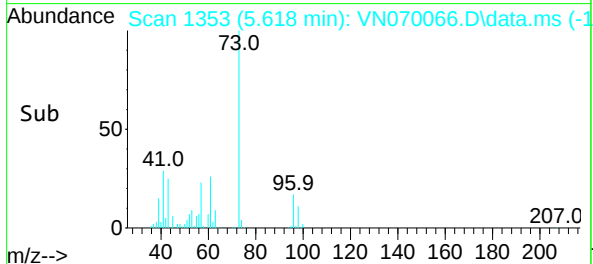
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



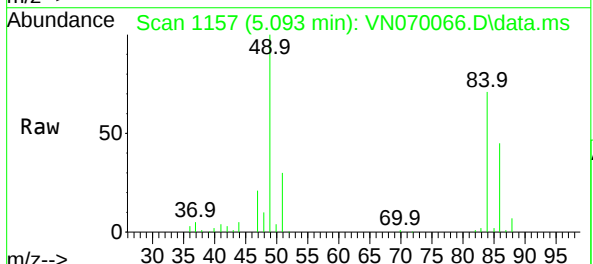
Tgt Ion: 73 Resp: 654920
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

Manual Integrations
APPROVED

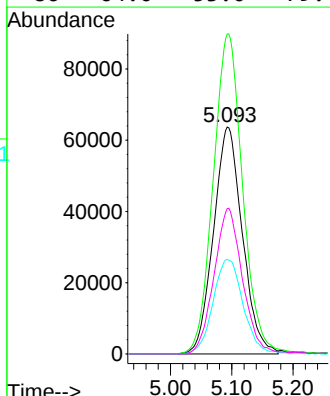
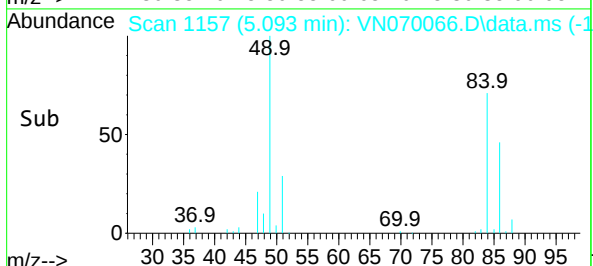
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 18.862 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



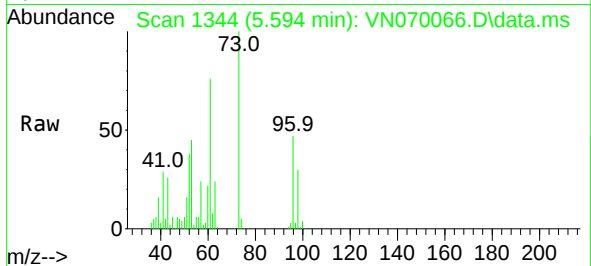
Tgt Ion: 84 Resp: 208427
Ion Ratio Lower Upper
84 100
49 140.8 93.5 140.3#
51 41.7 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.642 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

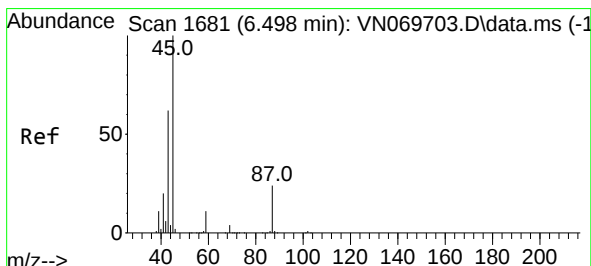
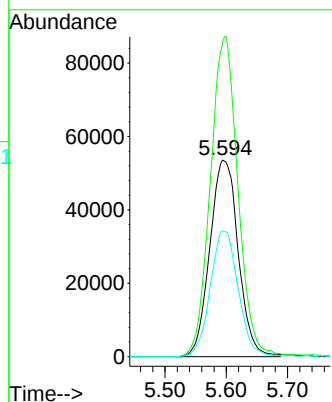
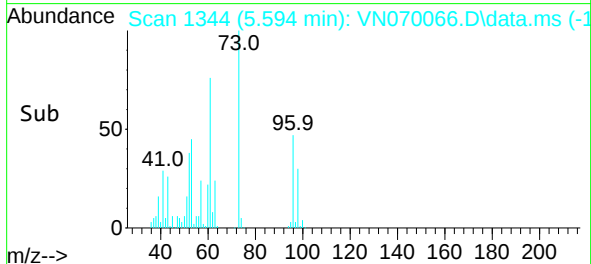
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



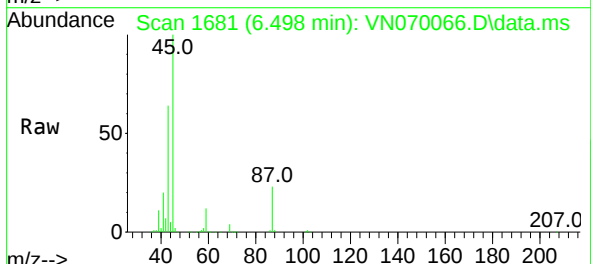
Tgt Ion: 96 Resp: 172608
Ion Ratio Lower Upper
96 100
61 159.5 105.8 158.6
98 64.0 52.0 78.0

Manual Integrations
APPROVED

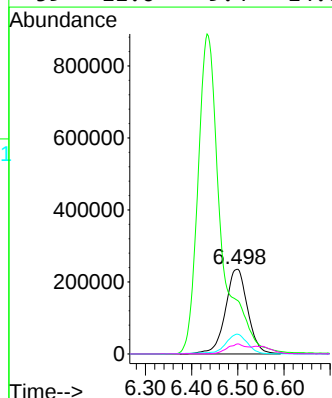
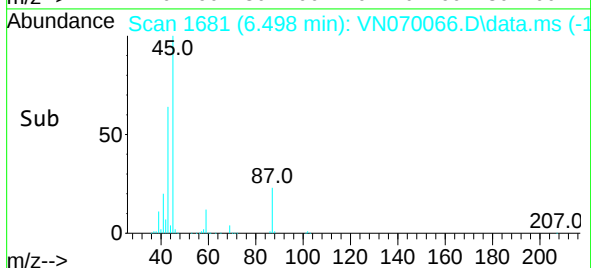
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

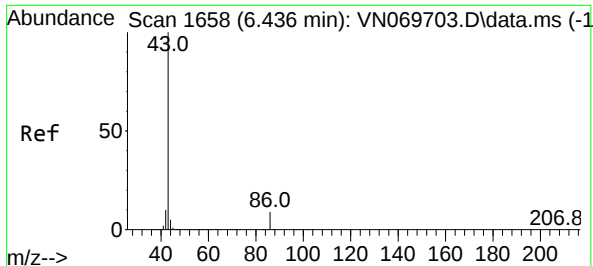


#22
Diisopropyl ether
Concen: 21.041 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



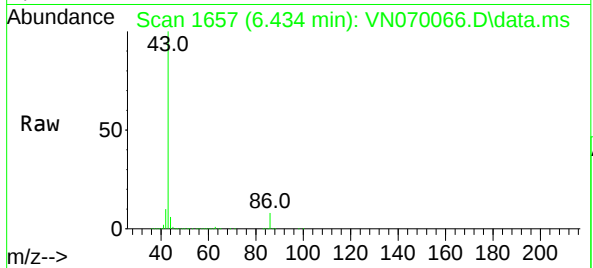
Tgt Ion: 45 Resp: 790013
Ion Ratio Lower Upper
45 100
43 61.9 51.7 77.5
87 23.3 23.2 34.8
59 11.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 100.596 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070066.D
 Acq: 14 Dec 2021 13:01

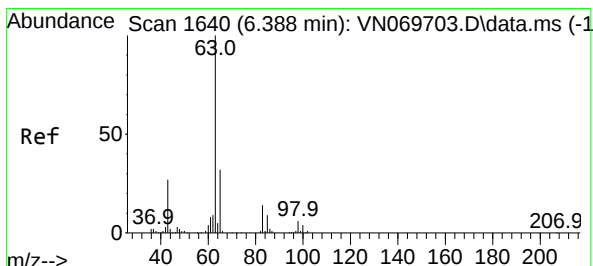
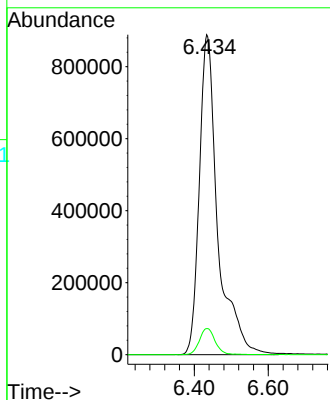
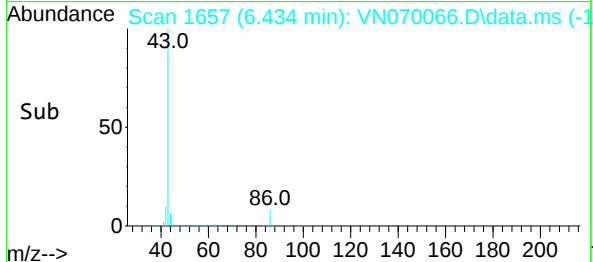
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01



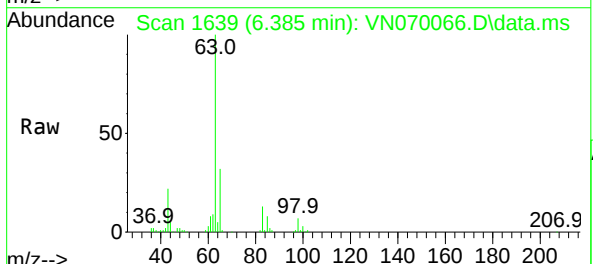
Tgt Ion: 43 Resp: 307279
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
 APPROVED

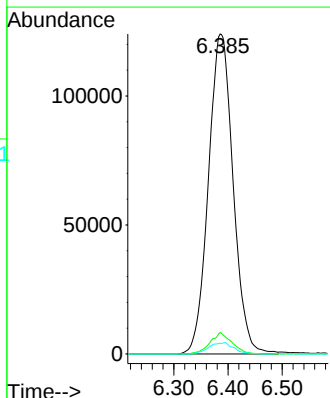
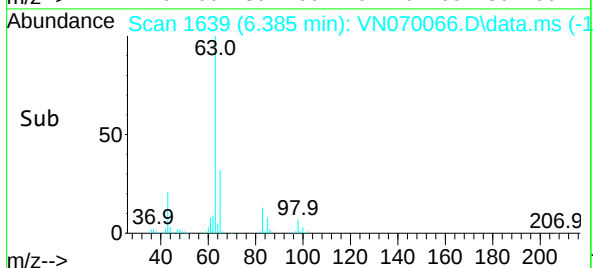
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

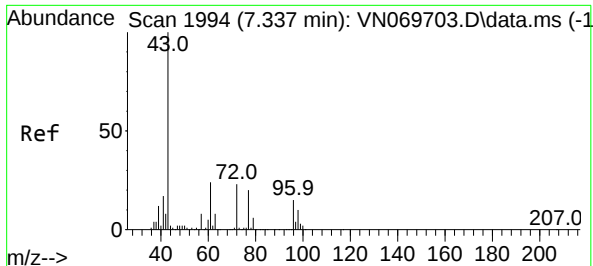


#24
 1,1-Dichloroethane
 Concen: 20.206 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070066.D
 Acq: 14 Dec 2021 13:01



Tgt Ion: 63 Resp: 392988
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 3.3 2.1 6.5





#25

2-Butanone

Concen: 90.966 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 43 Resp: 1027362

Ion Ratio Lower Upper

43 100

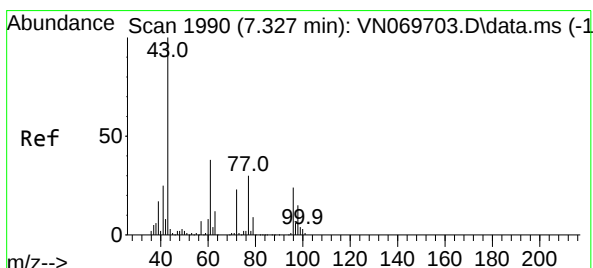
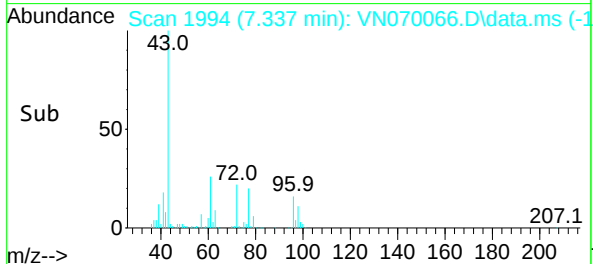
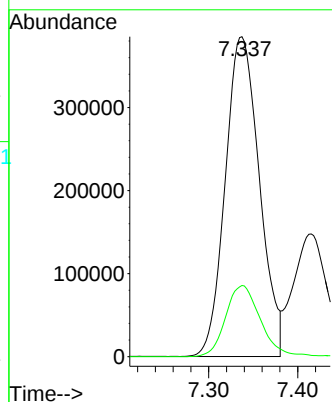
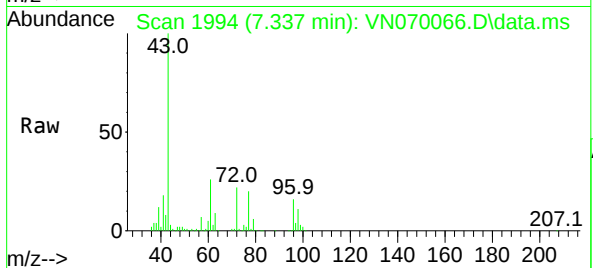
72 22.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 18.250 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070066.D

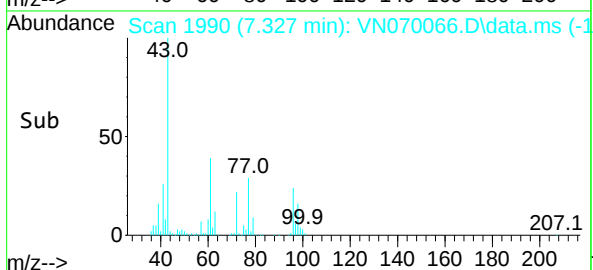
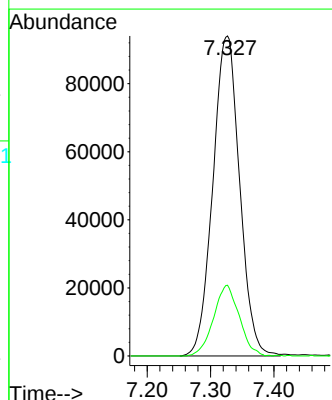
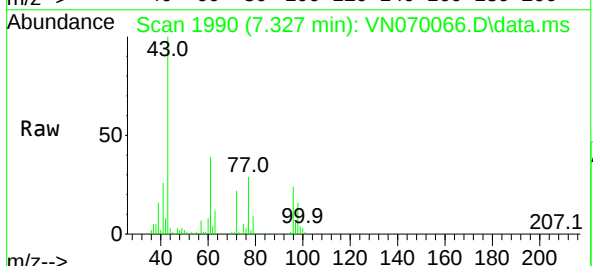
Acq: 14 Dec 2021 13:01

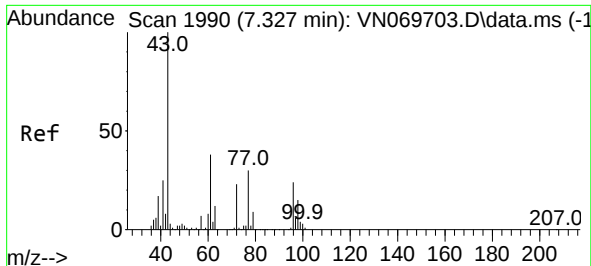
Tgt Ion: 77 Resp: 275971

Ion Ratio Lower Upper

77 100

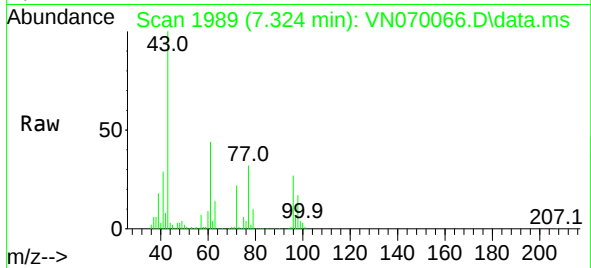
97 21.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.070 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

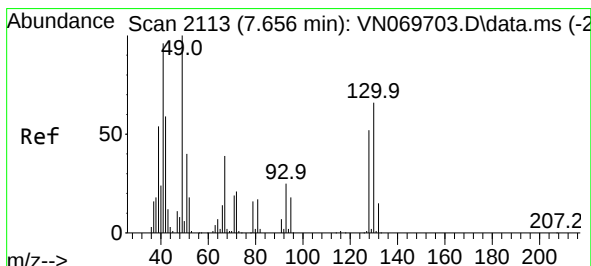
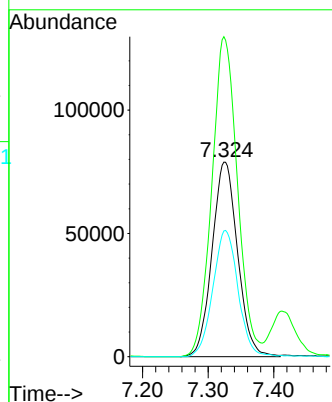
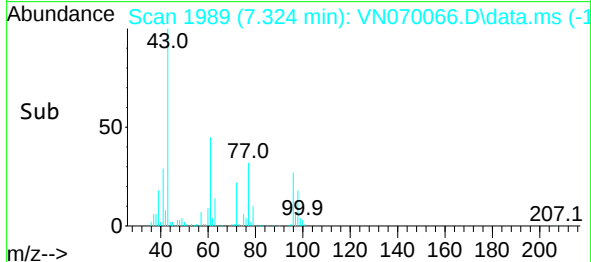
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 96 Resp: 213339
Ion Ratio Lower Upper
96 100
61 165.2 0.0 275.0
98 64.0 0.0 129.6

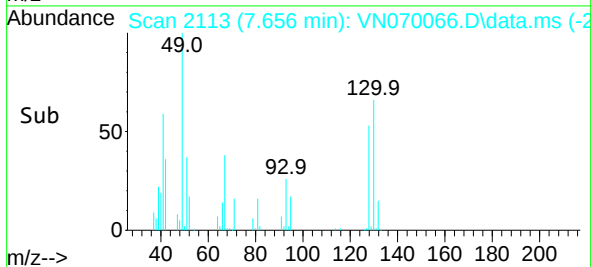
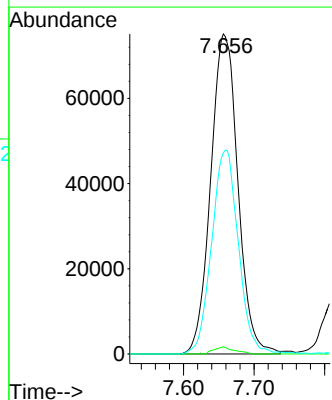
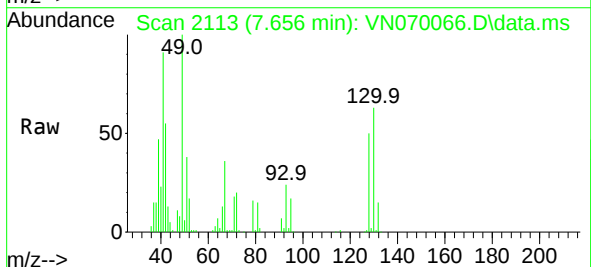
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#28
Bromochloromethane
Concen: 19.908 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion: 49 Resp: 201347
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 62.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 95.066 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070066.D

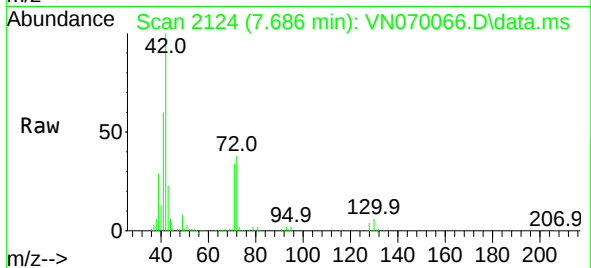
Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

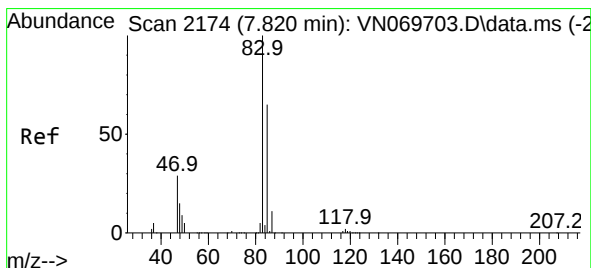
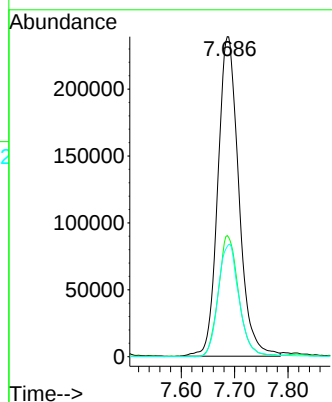
VN1214MBS01



Tgt Ion:	42	Resp:	65195
Ion Ratio	Lower	Upper	
42	100		
72	36.5	36.3	54.5
71	35.3	34.7	52.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 20.044 ug/l

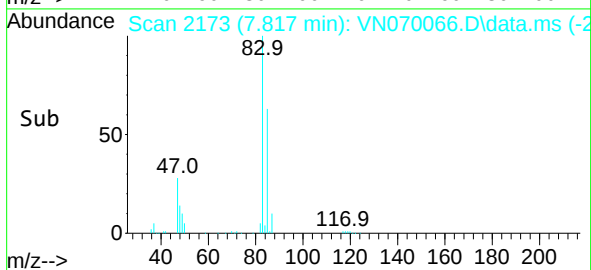
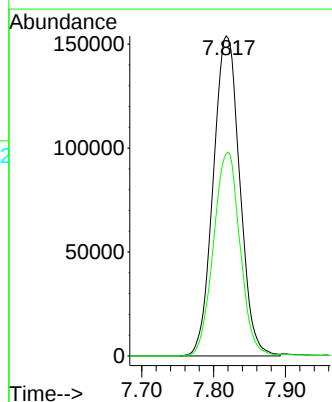
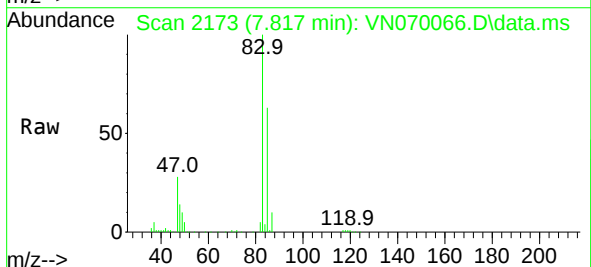
RT: 7.817 min Scan# 2173

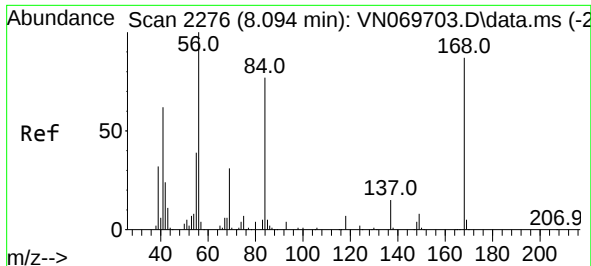
Delta R.T. -0.003 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

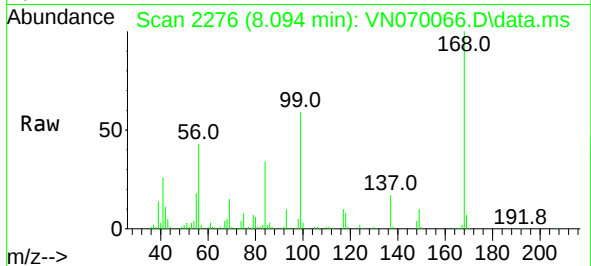
Tgt Ion:	83	Resp:	393713
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.9	77.9





#31
Cyclohexane
Concen: 19.279 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

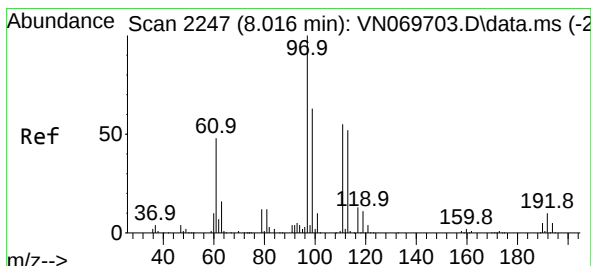
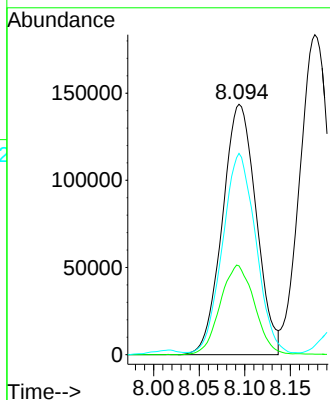
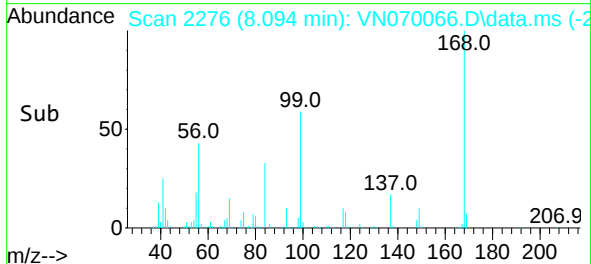
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 56 Resp: 370734
Ion Ratio Lower Upper
56 100
69 35.5 27.1 40.7
84 79.0 73.4 110.0

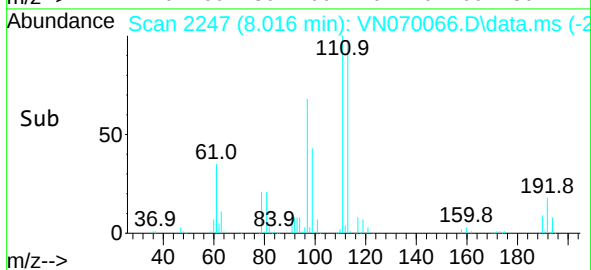
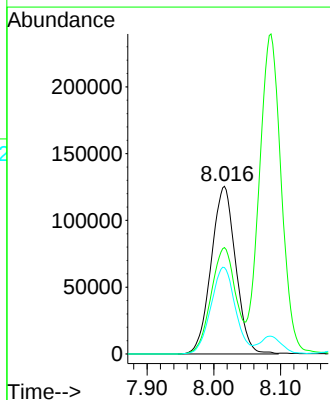
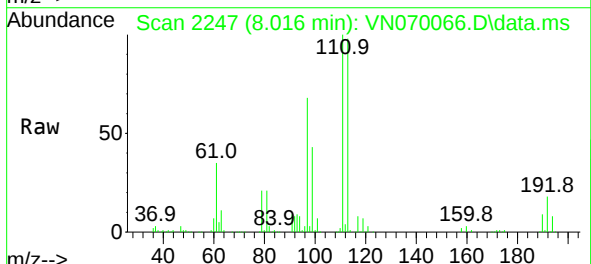
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#32
1,1,1-Trichloroethane
Concen: 19.112 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion: 97 Resp: 319781
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 51.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.566 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 65 Resp: 684900

Ion Ratio Lower Upper

65 100

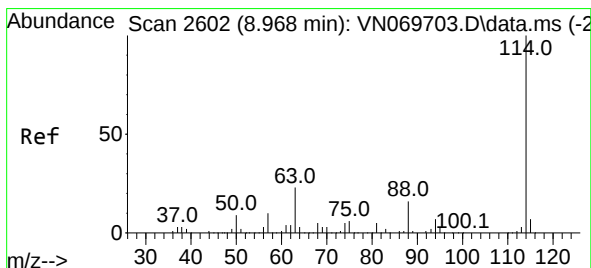
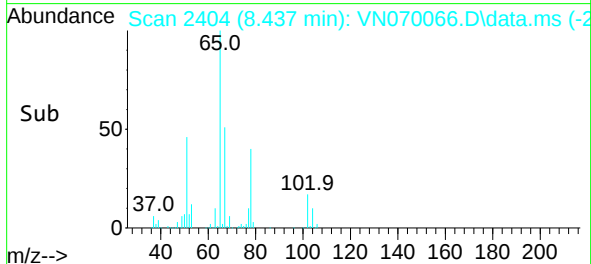
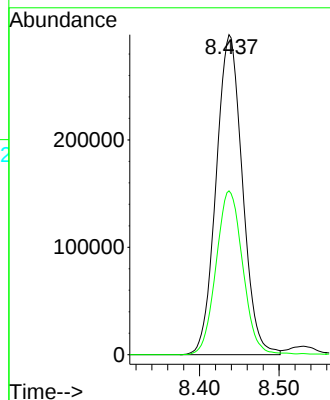
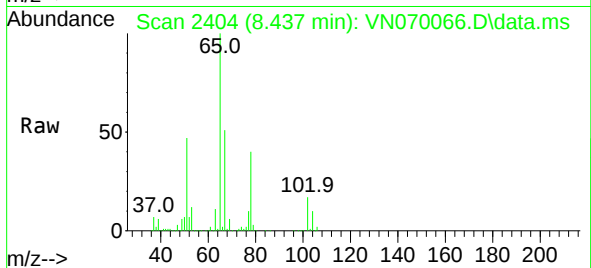
67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

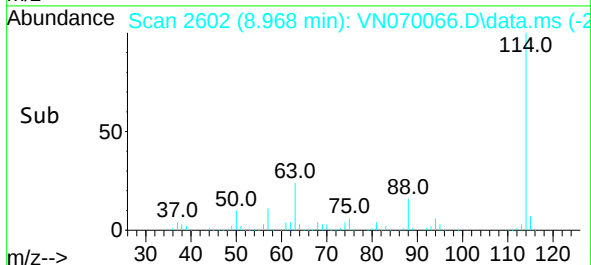
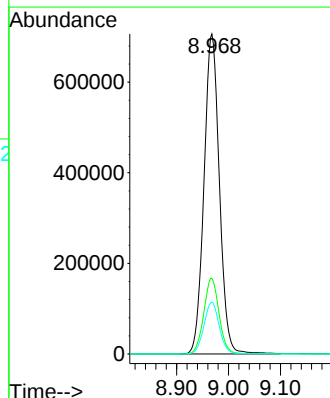
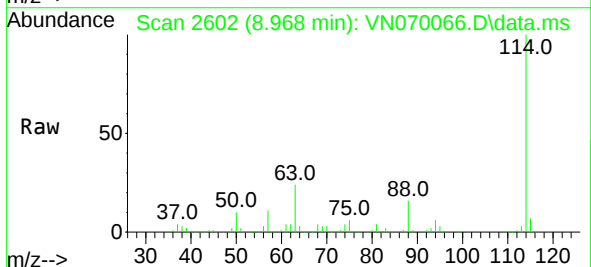
Tgt Ion:114 Resp: 1455652

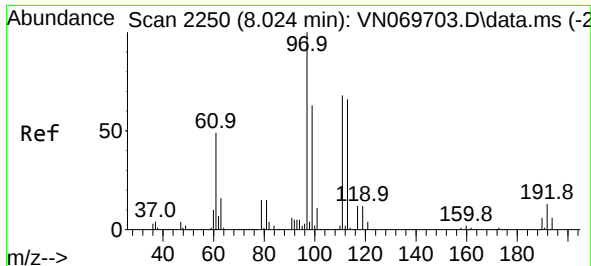
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

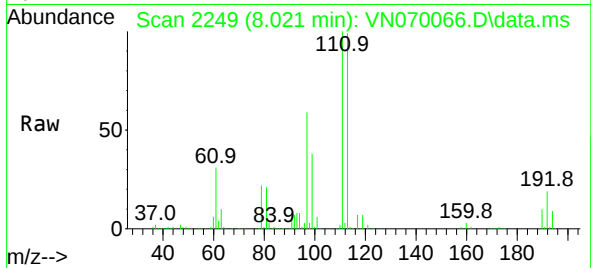
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.190 ug/l
RT: 8.021 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

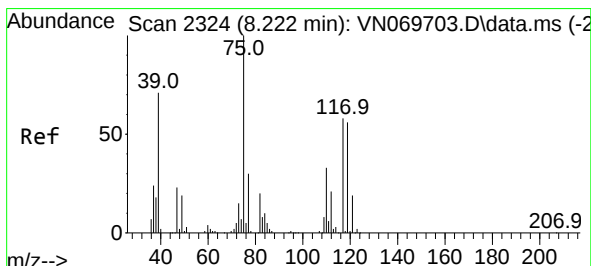
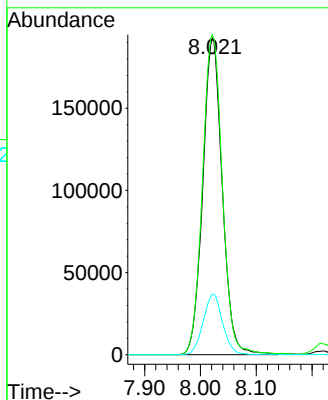
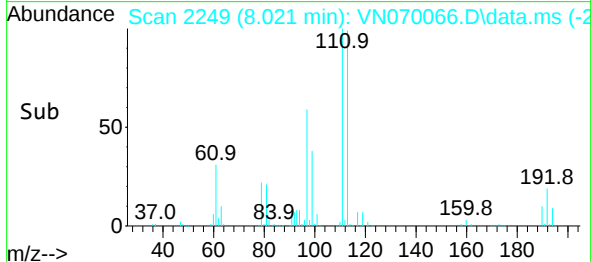
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



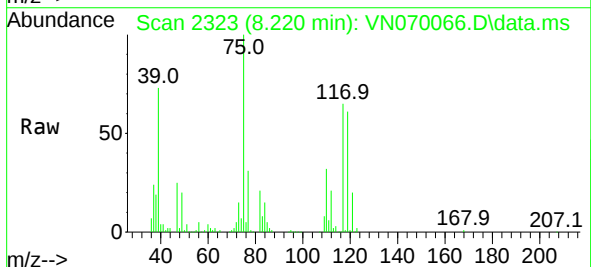
Tgt Ion: 113 Resp: 466740
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations
APPROVED

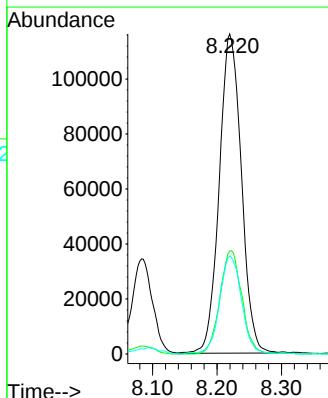
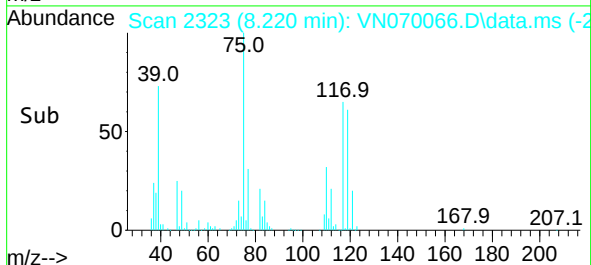
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

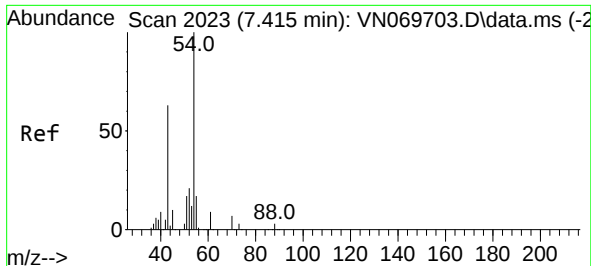


#36
1,1-Dichloropropene
Concen: 19.978 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



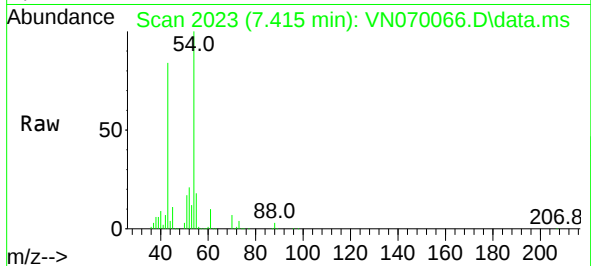
Tgt Ion: 75 Resp: 276839
Ion Ratio Lower Upper
75 100
110 32.2 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 18.833 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

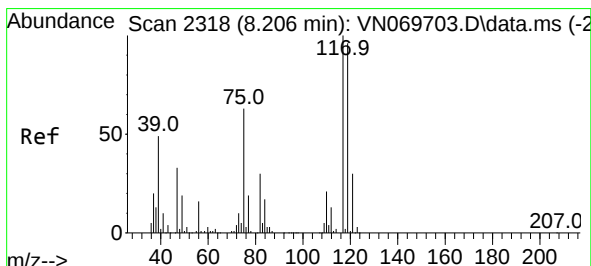
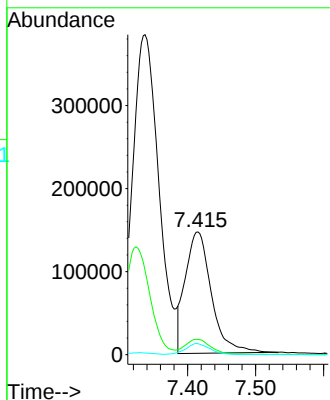
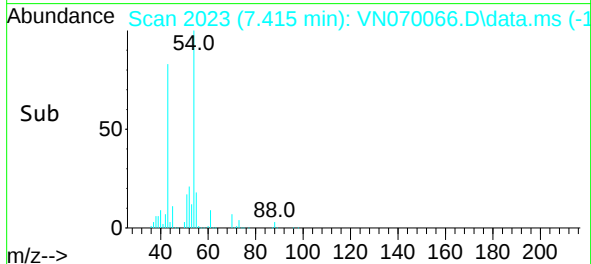
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 43 Resp: 388424
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.4 7.9 11.9

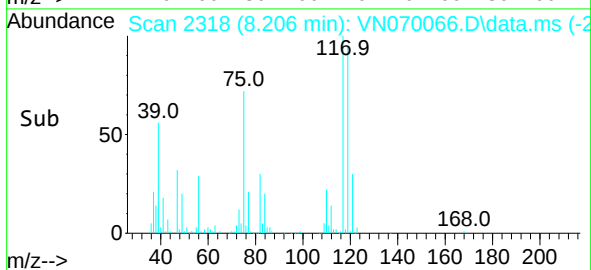
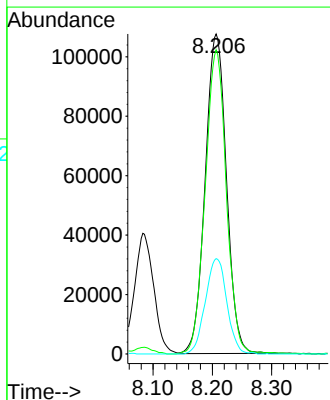
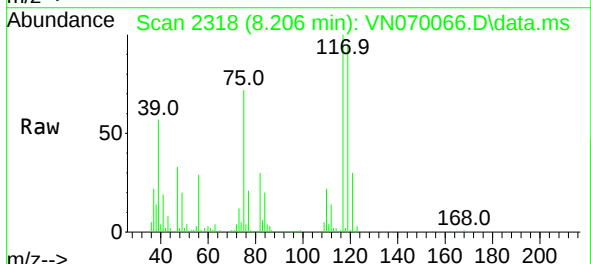
Manual Integrations
APPROVED

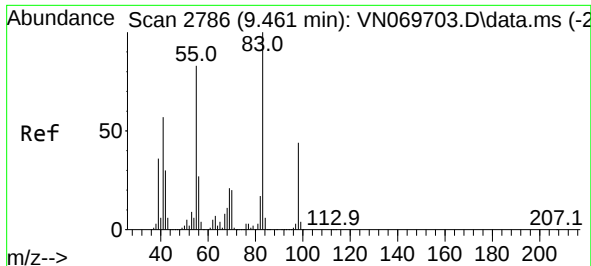
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#38
Carbon Tetrachloride
Concen: 19.667 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

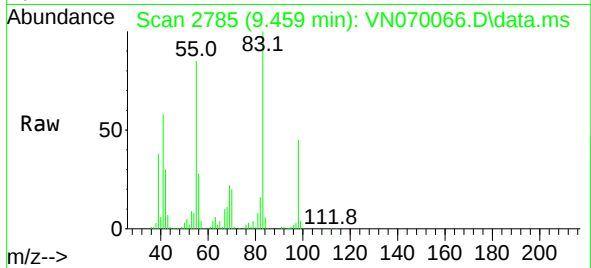
Tgt Ion:117 Resp: 267255
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 19.116 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

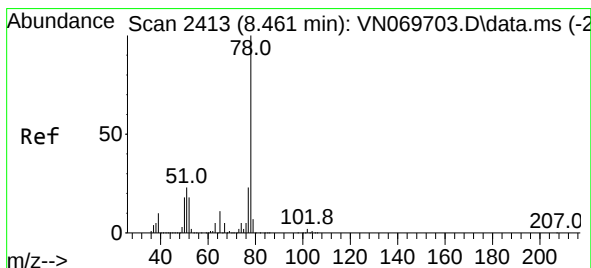
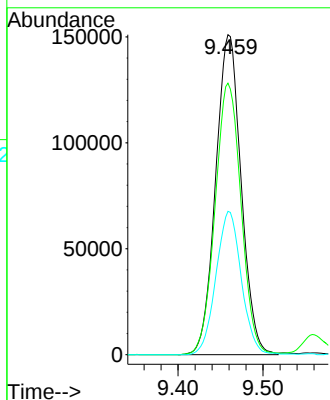
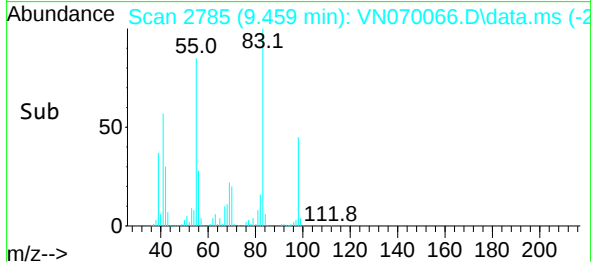
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 83 Resp: 315094
Ion Ratio Lower Upper
83 100
55 84.9 58.1 87.1
98 44.8 38.4 57.6

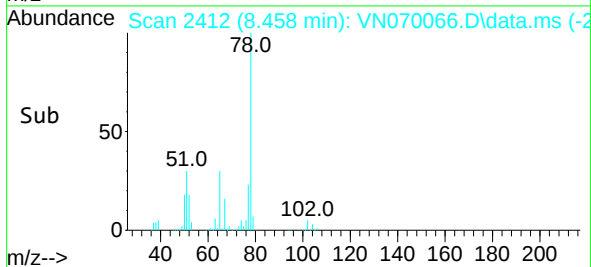
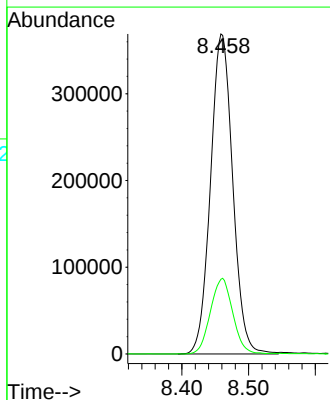
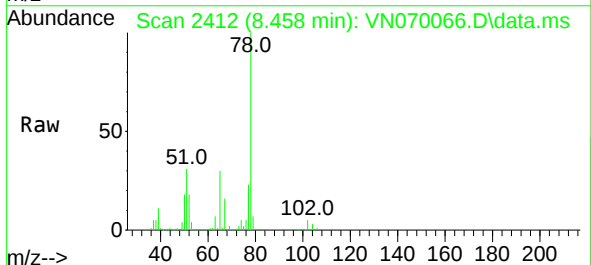
Manual Integrations
APPROVED

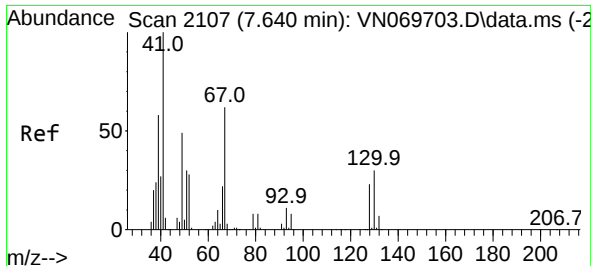
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#40
Benzene
Concen: 20.134 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

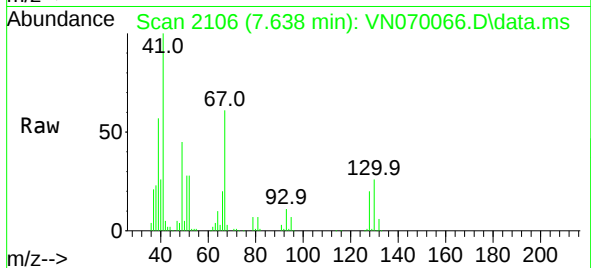
Tgt Ion: 78 Resp: 852820
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 21.135 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

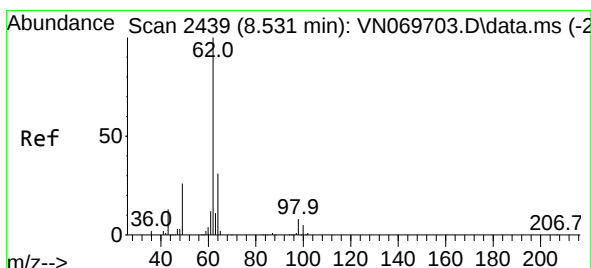
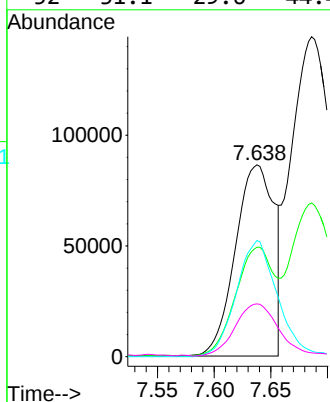
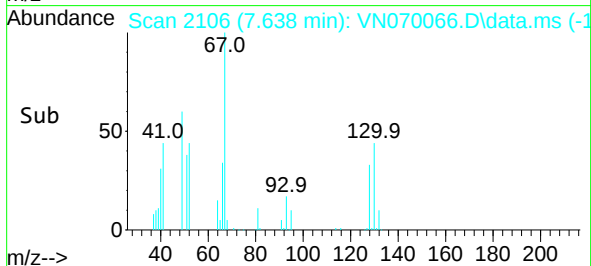
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 41 Resp: 204632
Ion Ratio Lower Upper
41 100
39 56.2 48.1 72.1
67 65.5 68.3 102.5
52 31.1 29.6 44.4

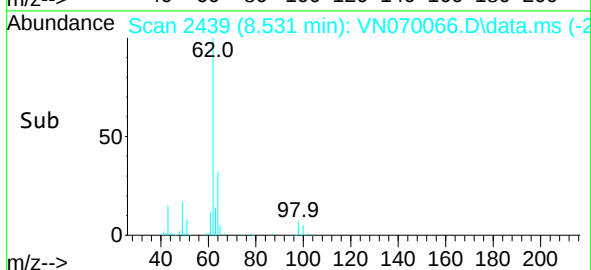
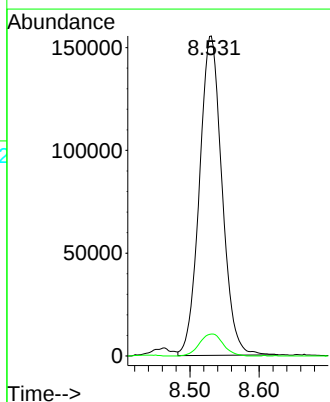
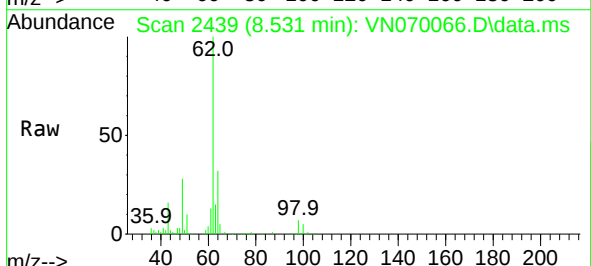
Manual Integrations
APPROVED

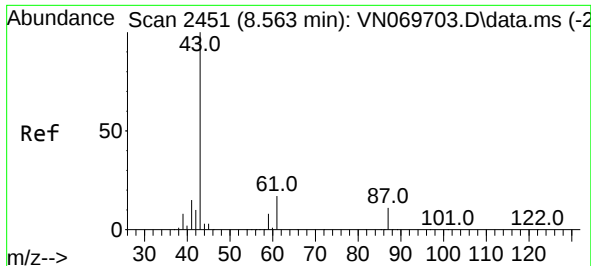
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 20.579 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

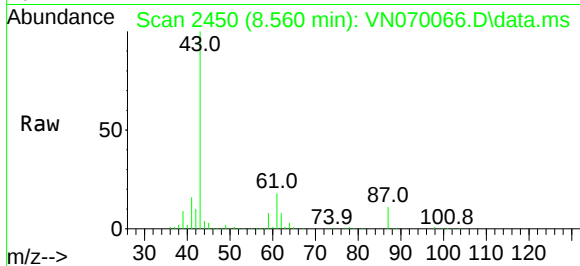
Tgt Ion: 62 Resp: 351872
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.327 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

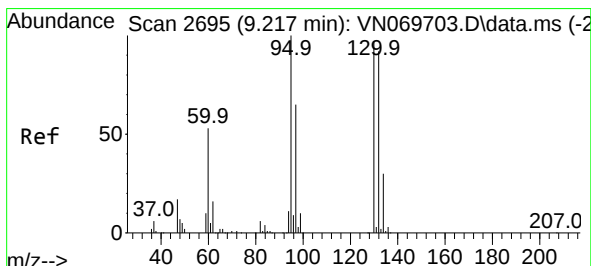
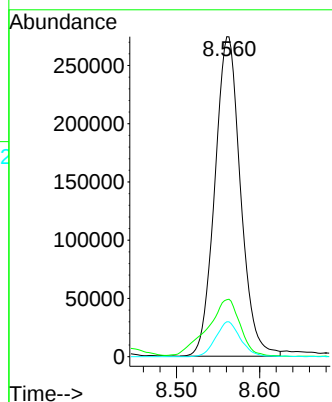
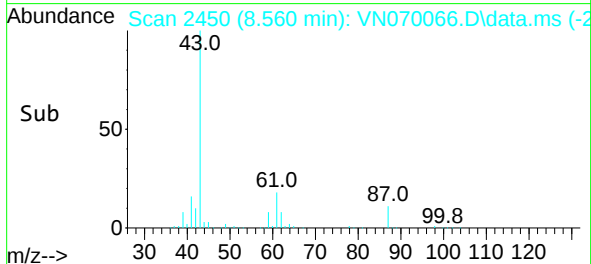
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 43 Resp: 589900
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 10.6 11.2 16.8

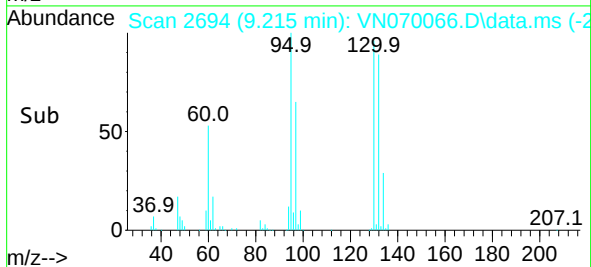
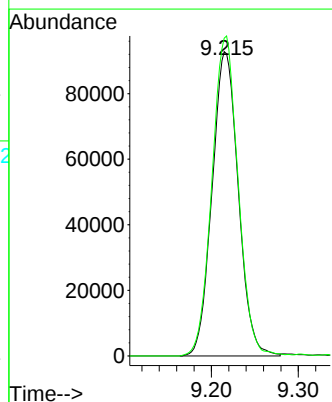
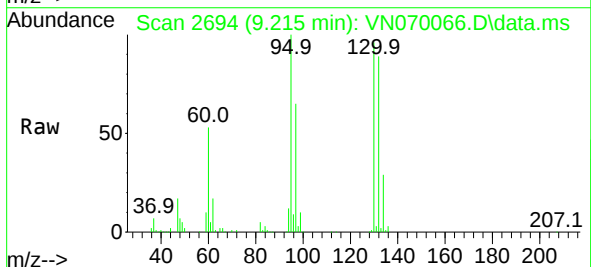
Manual Integrations
APPROVED

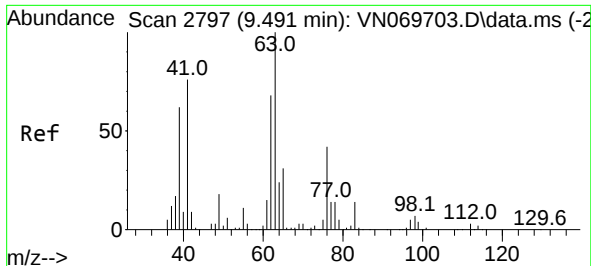
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 19.206 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

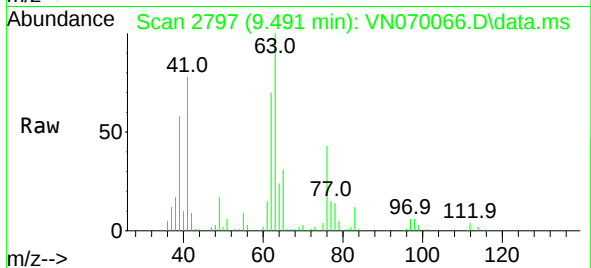
Tgt Ion:130 Resp: 194170
Ion Ratio Lower Upper
130 100
95 104.4 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.731 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

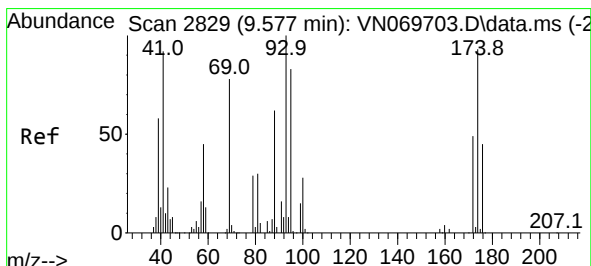
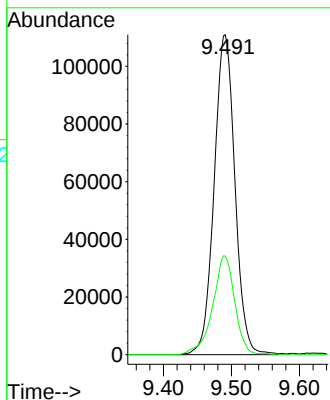
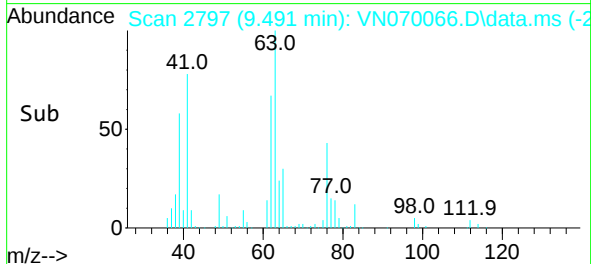
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



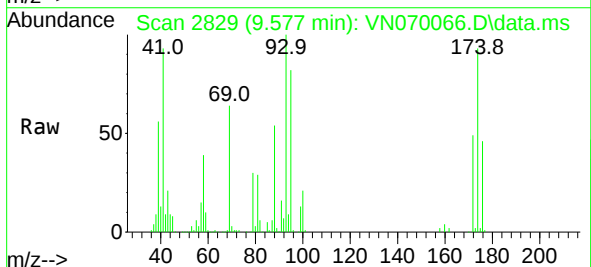
Tgt Ion: 63 Resp: 235804
Ion Ratio Lower Upper
63 100
65 30.8 24.7 37.1

Manual Integrations
APPROVED

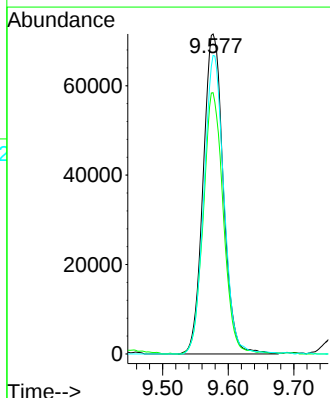
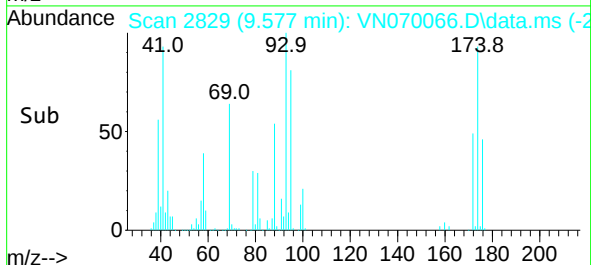
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

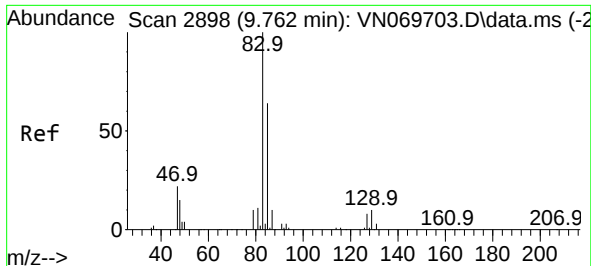


#46
Dibromomethane
Concen: 20.482 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



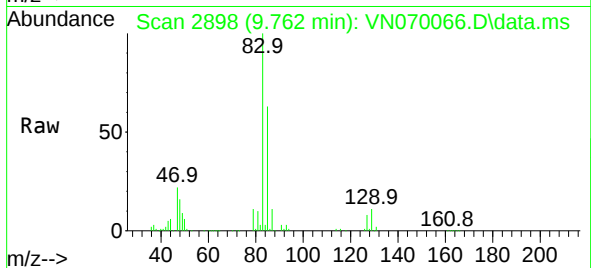
Tgt Ion: 93 Resp: 152785
Ion Ratio Lower Upper
93 100
95 80.7 65.9 98.9
174 92.1 84.6 127.0





#47
Bromodichloromethane
Concen: 21.694 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

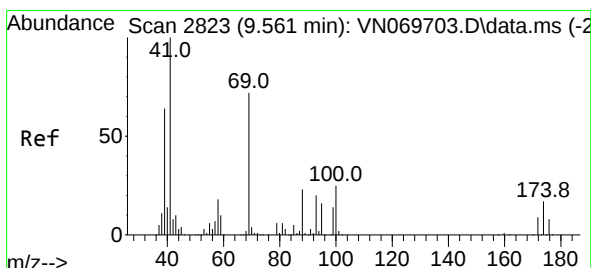
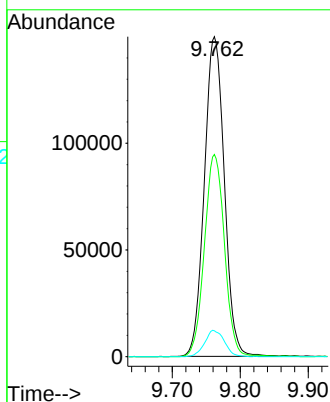
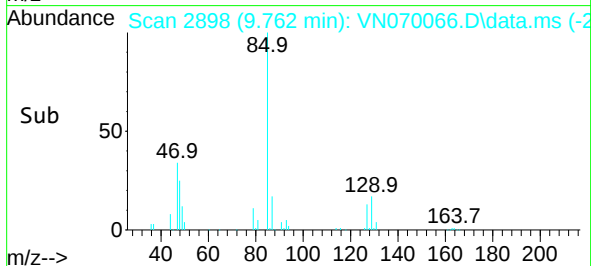
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 83 Resp: 306400
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.1 7.1 10.7

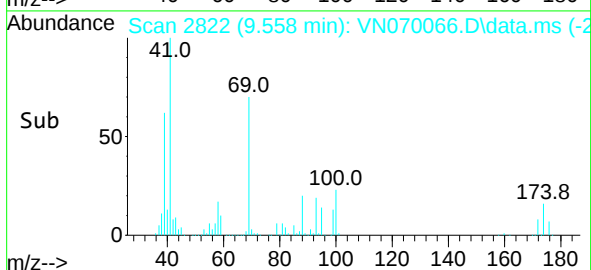
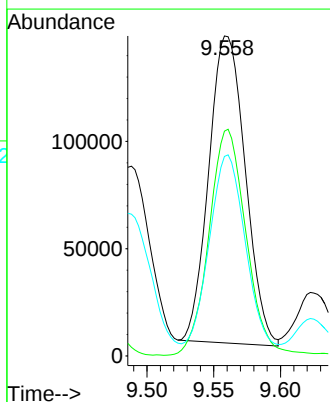
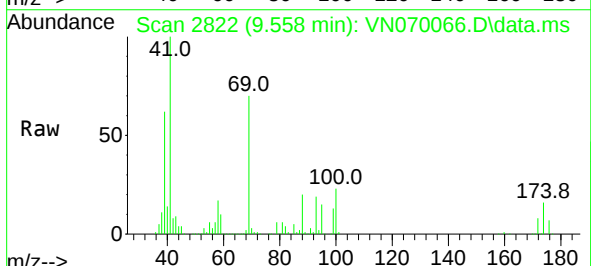
Manual Integrations
APPROVED

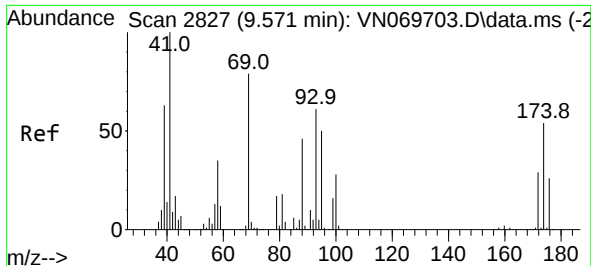
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 19.134 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion: 41 Resp: 272542
Ion Ratio Lower Upper
41 100
69 74.8 72.4 108.6
39 60.2 58.4 87.6





#49

1,4-Dioxane

Concen: 369.637 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 88 Resp: 94470

Ion Ratio Lower Upper

88 100

43 37.9 23.4 35.2

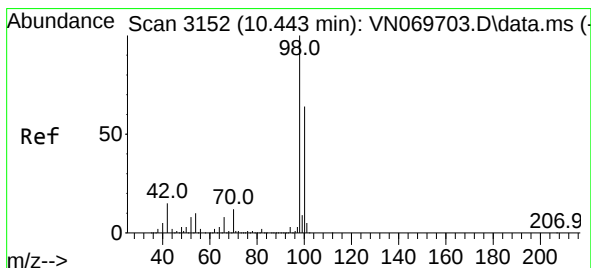
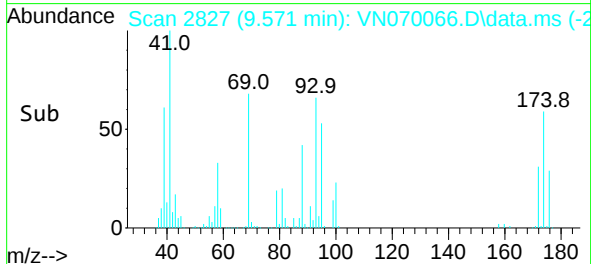
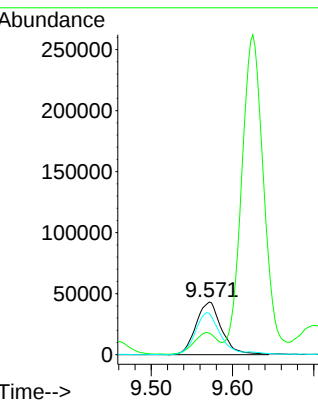
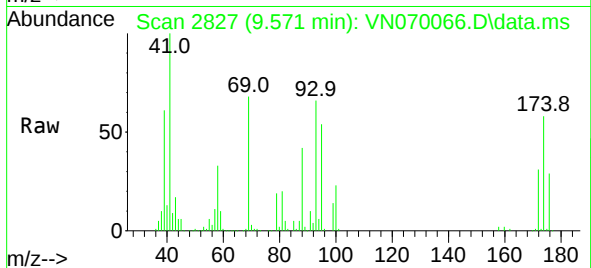
58 76.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 48.830 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070066.D

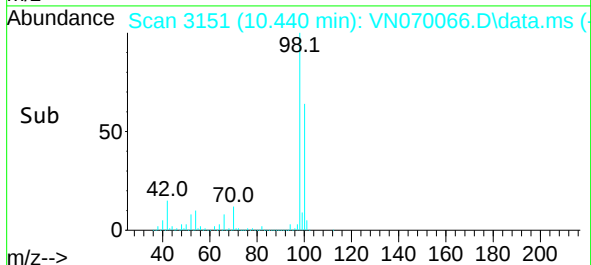
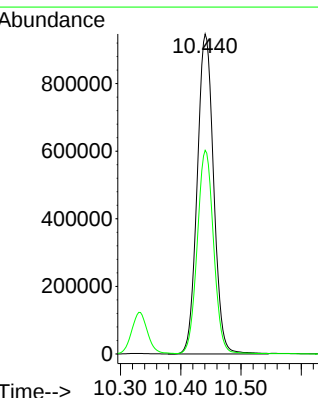
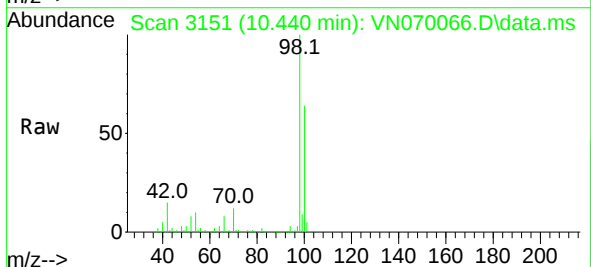
Acq: 14 Dec 2021 13:01

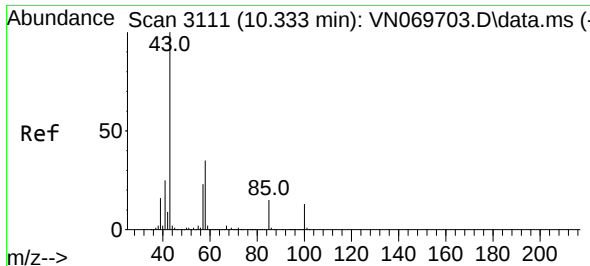
Tgt Ion: 98 Resp: 1787746

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6





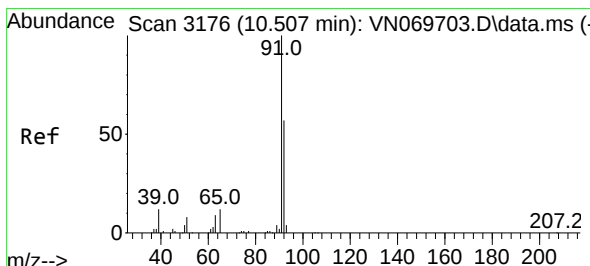
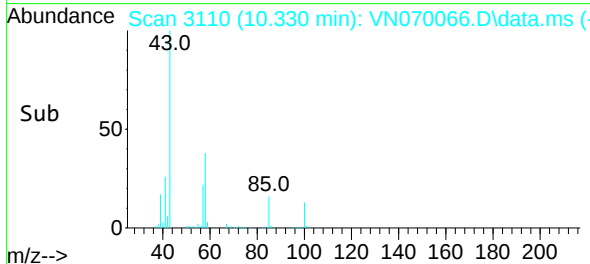
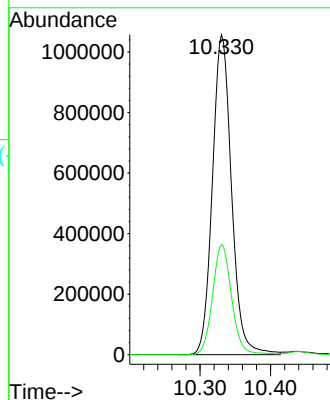
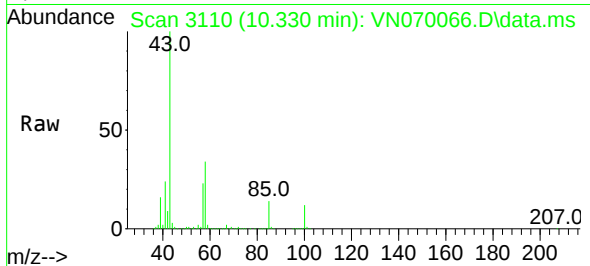
#51
4-Methyl-2-Pentanone
Concen: 100.414 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 43 Resp: 1988208
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

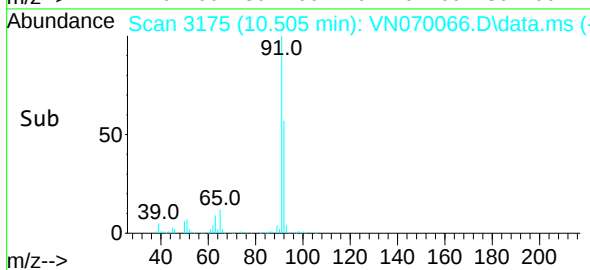
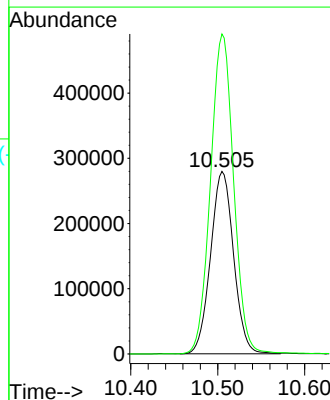
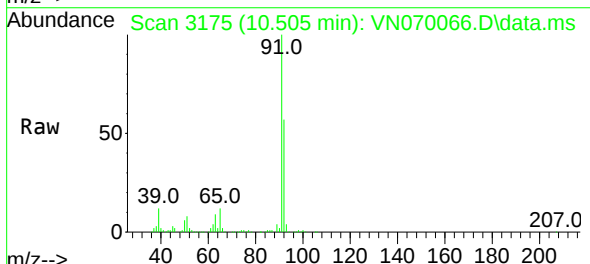
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 19.917 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

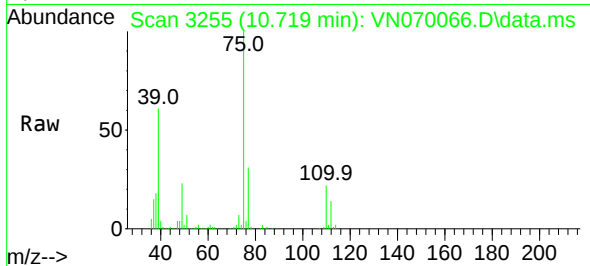
Tgt Ion: 92 Resp: 515031
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.207 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

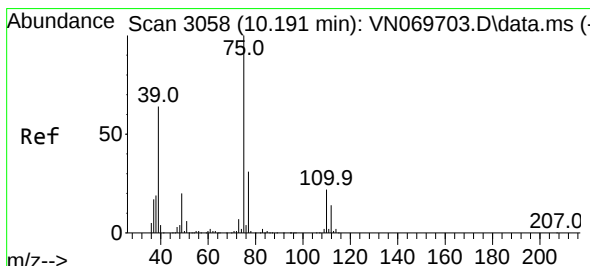
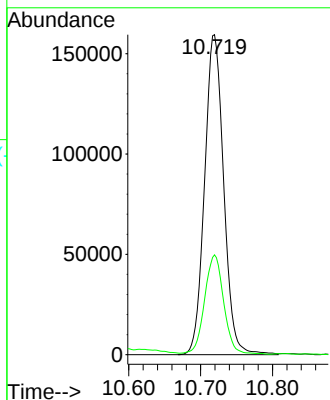
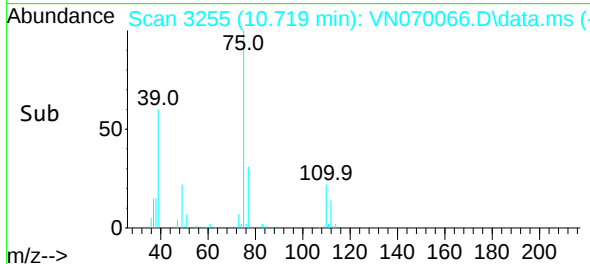
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



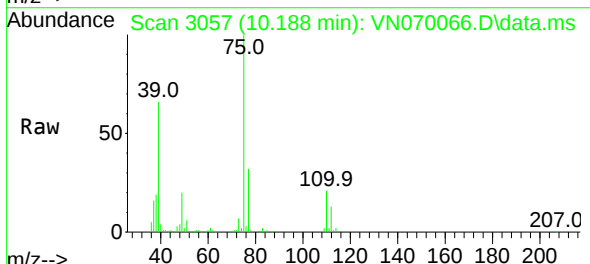
Tgt Ion: 75 Resp: 29536
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

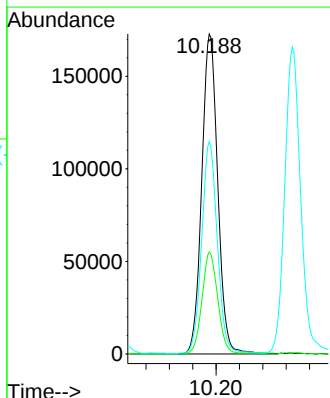
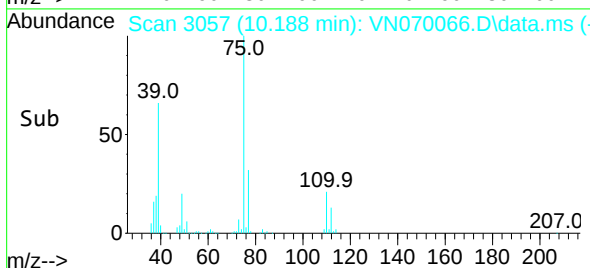
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

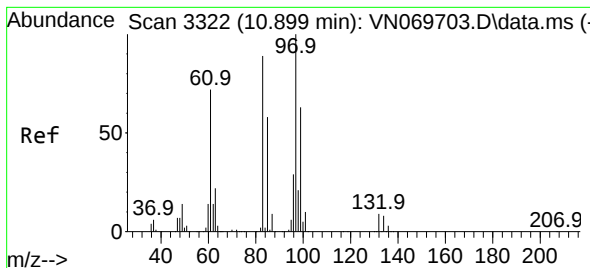


#54
cis-1,3-Dichloropropene
Concen: 19.688 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



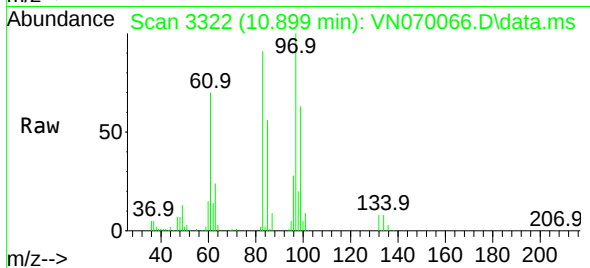
Tgt Ion: 75 Resp: 328542
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 66.2 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.405 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

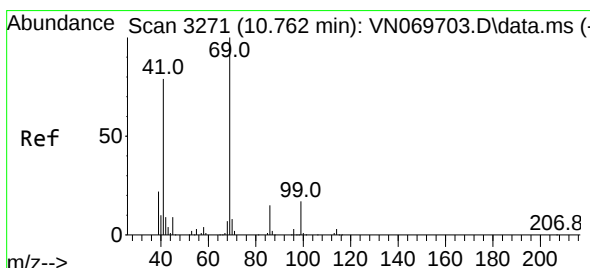
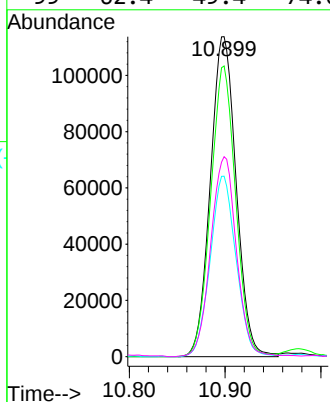
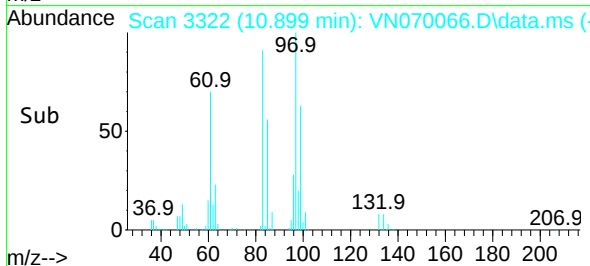
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



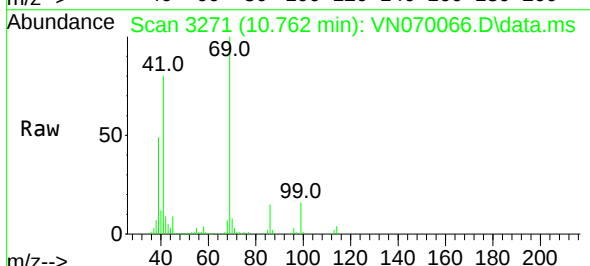
Tgt Ion: 97 Resp: 212898
Ion Ratio Lower Upper
97 100
83 90.9 67.8 101.6
85 56.4 45.4 68.2
99 62.4 49.4 74.0

Manual Integrations
APPROVED

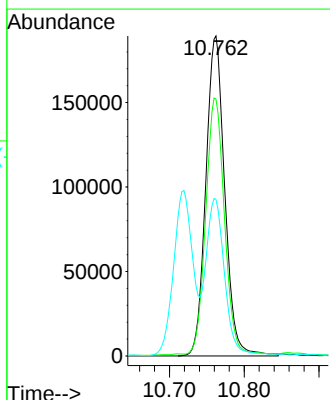
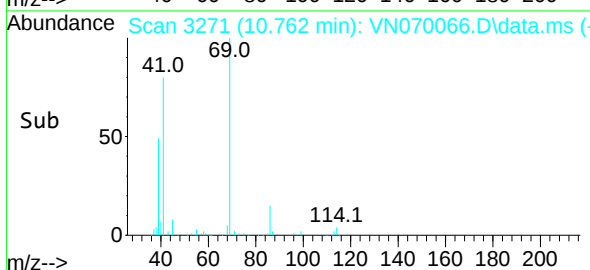
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 18.437 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



Tgt Ion: 69 Resp: 333286
Ion Ratio Lower Upper
69 100
41 78.9 51.4 77.0#
39 47.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.308 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 76 Resp: 373090

Ion Ratio Lower Upper

76 100

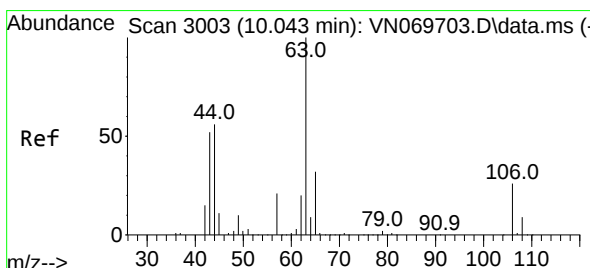
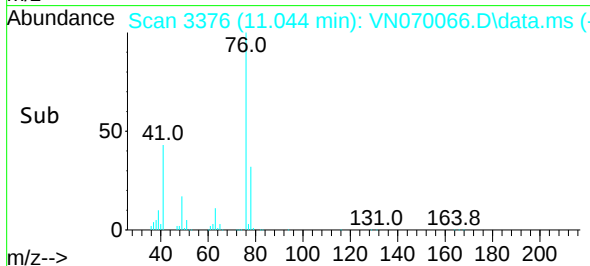
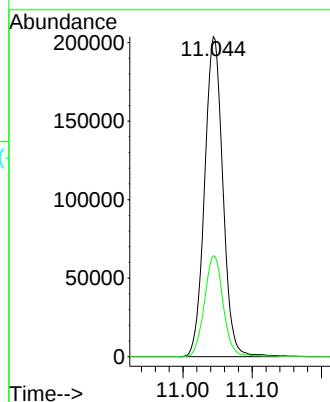
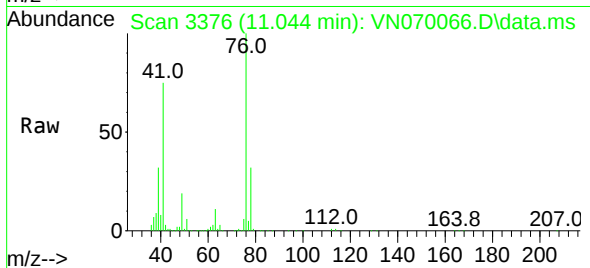
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 75.877 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070066.D

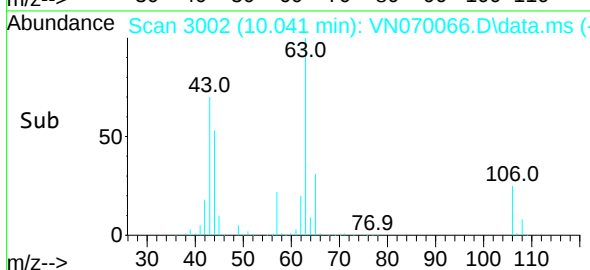
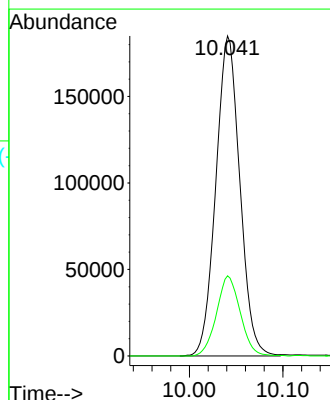
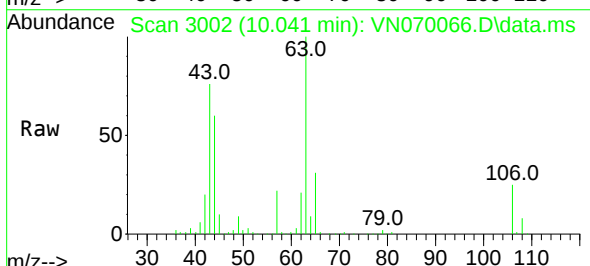
Acq: 14 Dec 2021 13:01

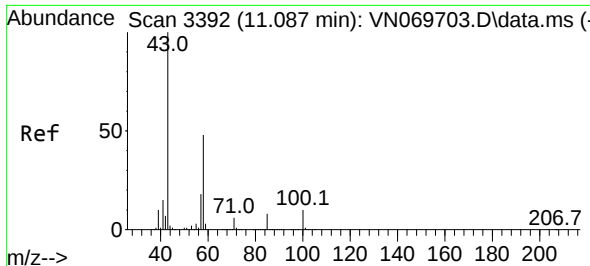
Tgt Ion: 63 Resp: 329896

Ion Ratio Lower Upper

63 100

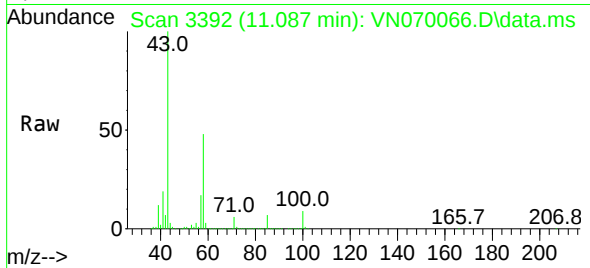
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 93.644 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

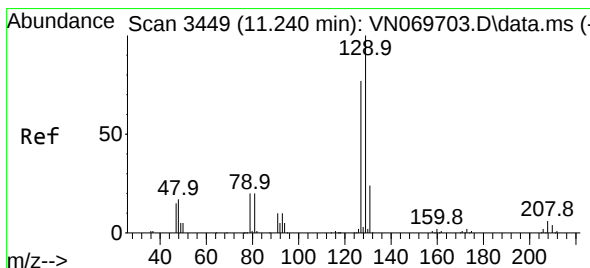
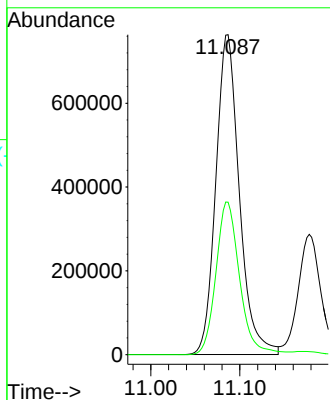
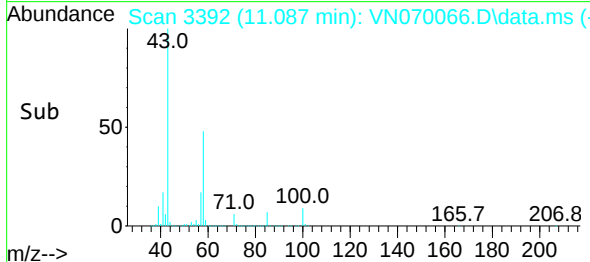
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 43 Resp: 1402614
Ion Ratio Lower Upper
43 100
58 48.2 26.9 80.7

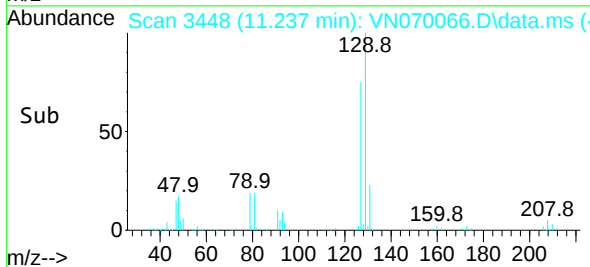
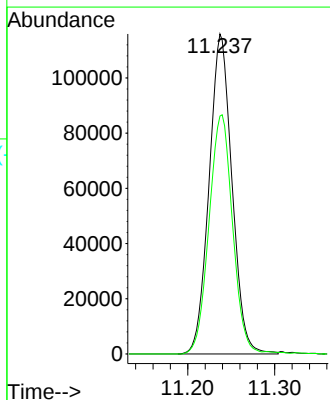
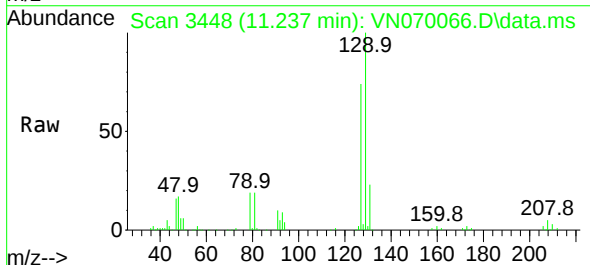
Manual Integrations
APPROVED

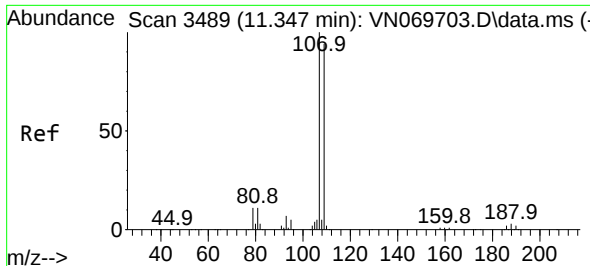
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 20.437 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

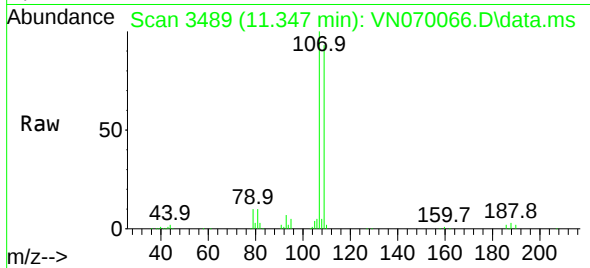
Tgt Ion:129 Resp: 211983
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.245 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

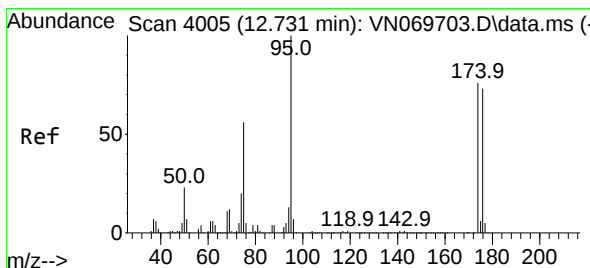
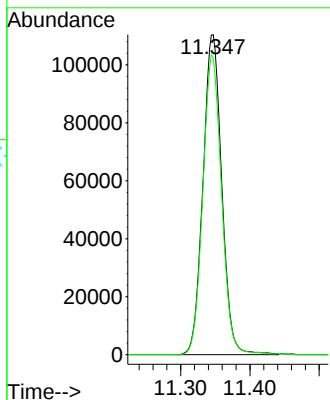
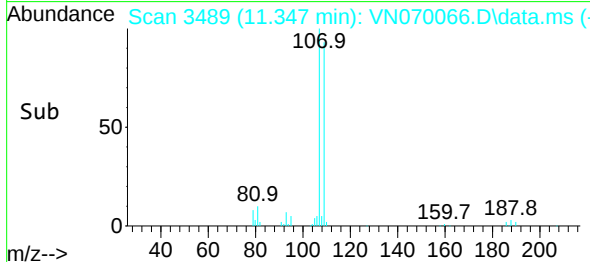
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



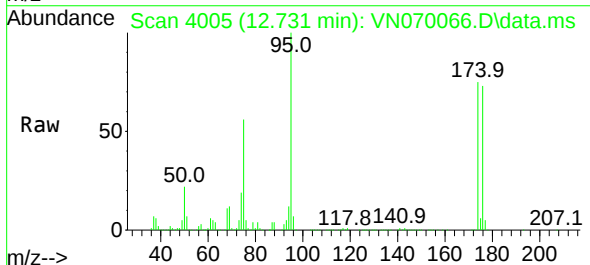
Tgt Ion:107 Resp: 207982
Ion Ratio Lower Upper
107 100
109 92.8 75.7 113.5

Manual Integrations
APPROVED

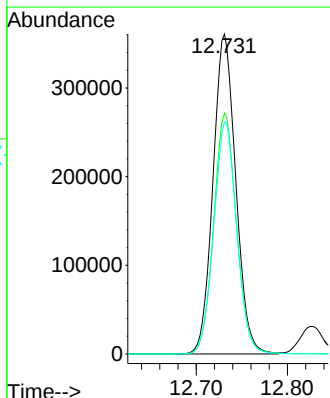
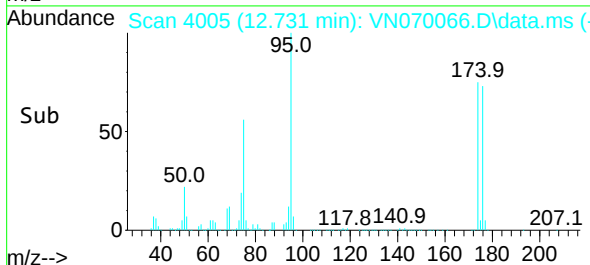
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

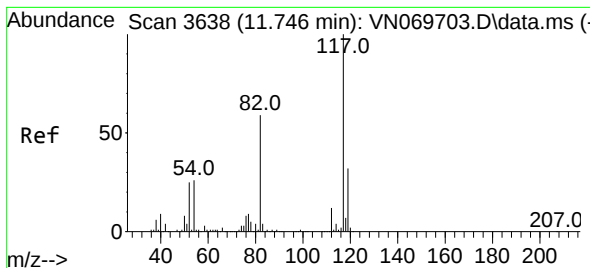


#62
4-Bromofluorobenzene
Concen: 47.117 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



Tgt Ion: 95 Resp: 624931
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 73.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion:117 Resp: 132055

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

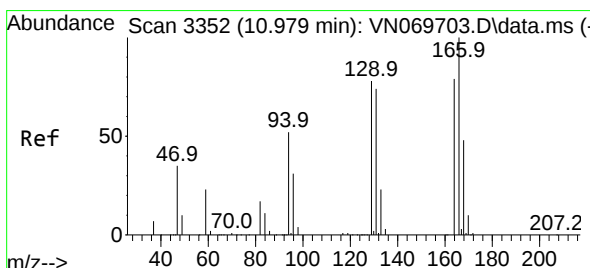
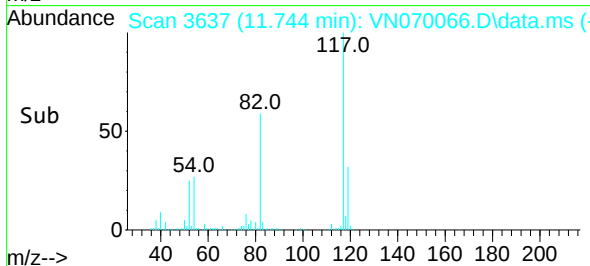
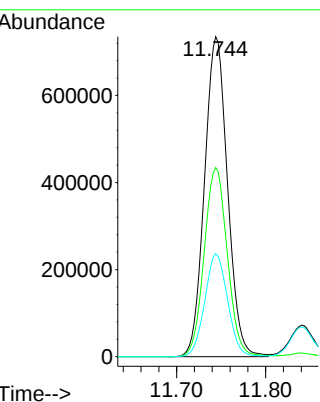
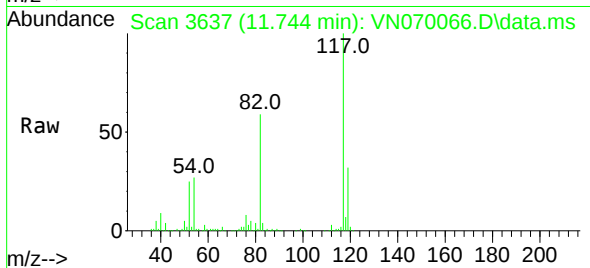
119 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#64

Tetrachloroethene

Concen: 19.672 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Tgt Ion:164 Resp: 176144

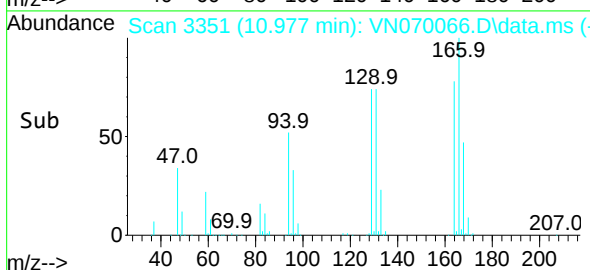
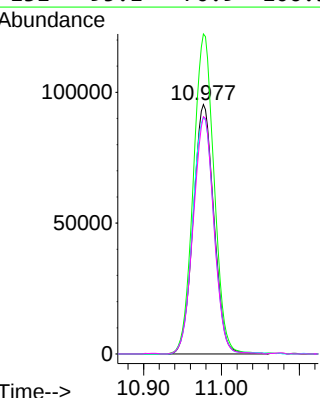
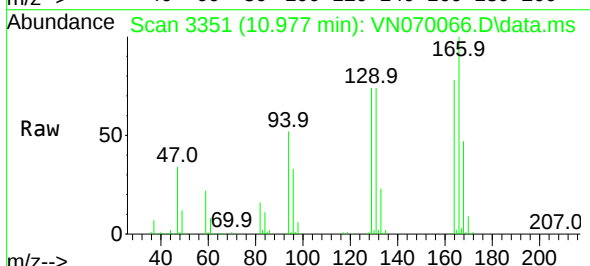
Ion Ratio Lower Upper

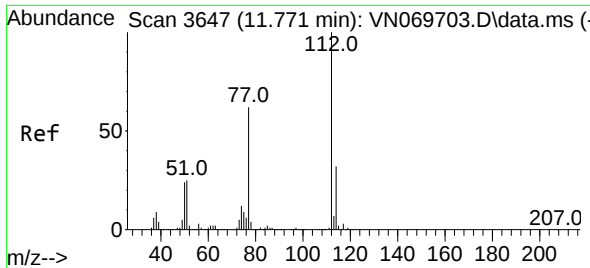
164 100

166 128.3 101.9 152.9

129 94.9 72.0 108.0

131 95.1 70.9 106.3





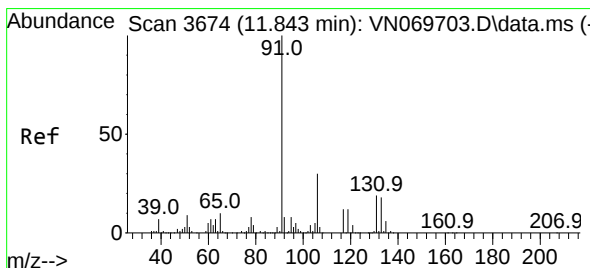
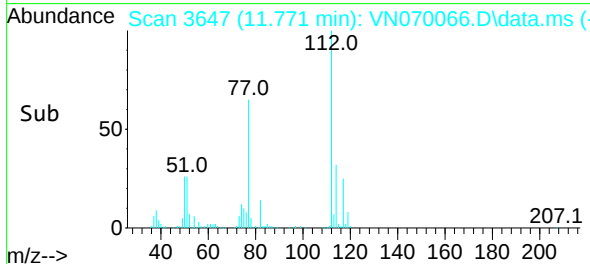
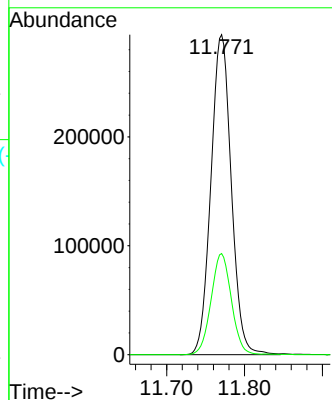
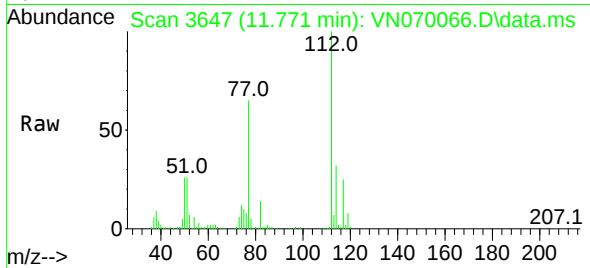
#65
Chlorobenzene
Concen: 19.898 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:112 Resp: 53307
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

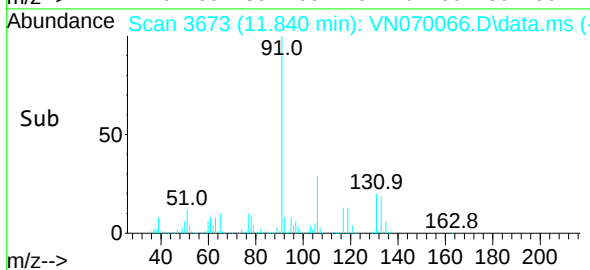
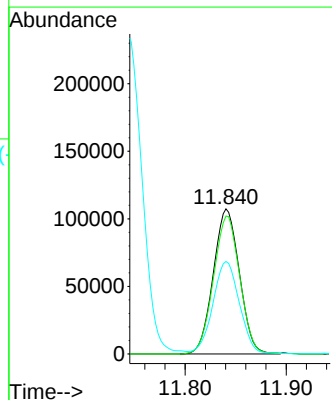
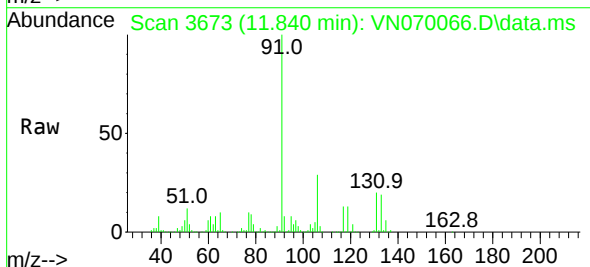
Manual Integrations
APPROVED

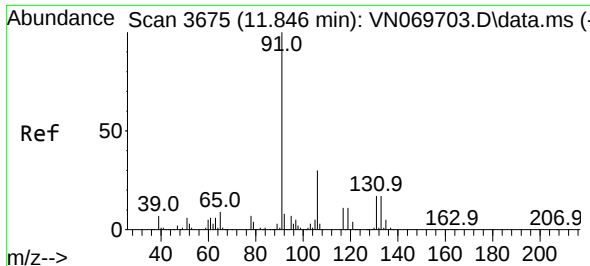
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.432 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

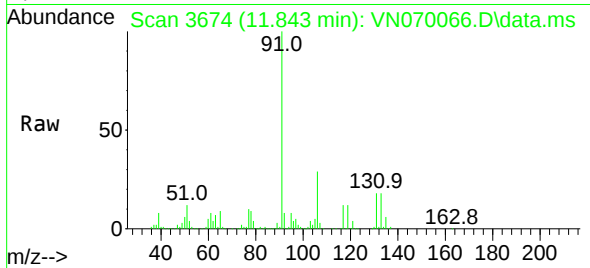
Tgt Ion:131 Resp: 192661
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 20.318 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

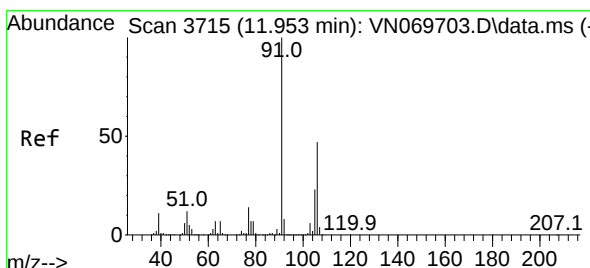
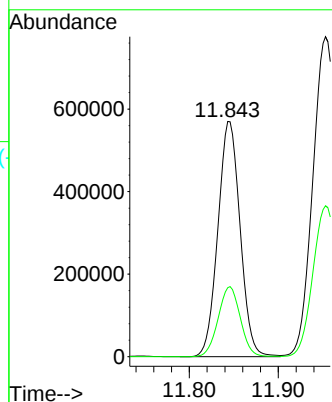
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 91 Resp: 988752
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

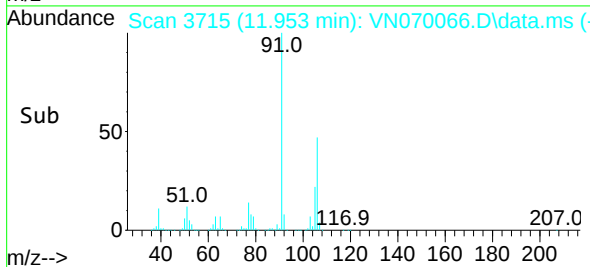
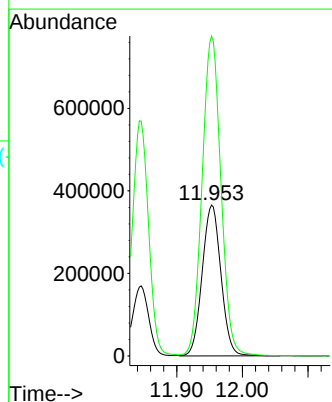
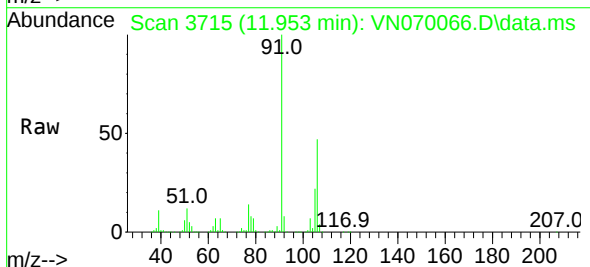
Manual Integrations
APPROVED

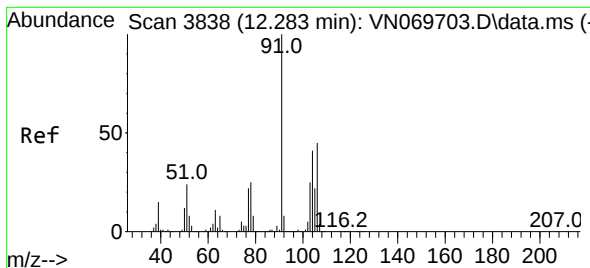
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 40.886 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion:106 Resp: 724454
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8





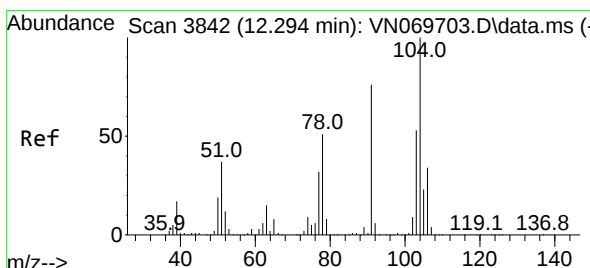
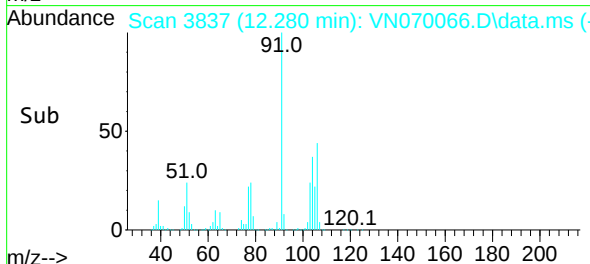
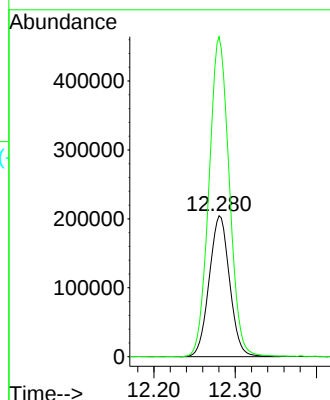
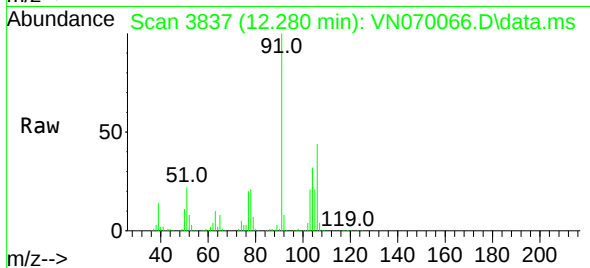
#69
o-Xylene
Concen: 19.982 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:106 Resp: 35662
Ion Ratio Lower Upper
106 100
91 226.3 105.8 317.3

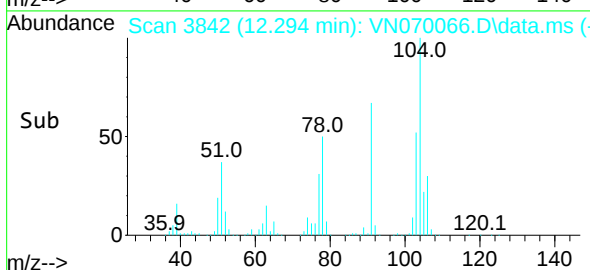
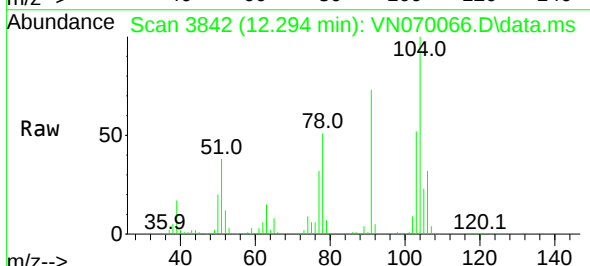
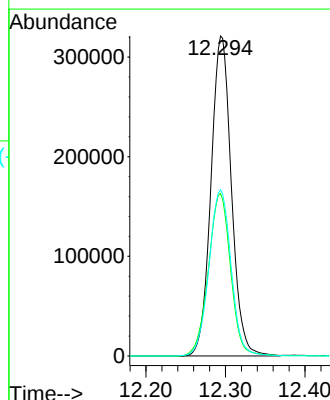
Manual Integrations
APPROVED

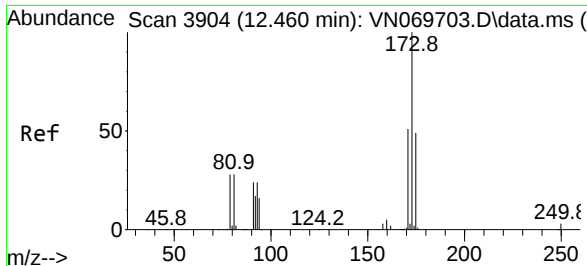
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 20.241 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

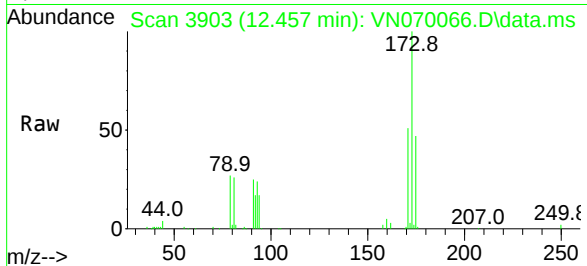
Tgt Ion:104 Resp: 572849
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 20.580 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

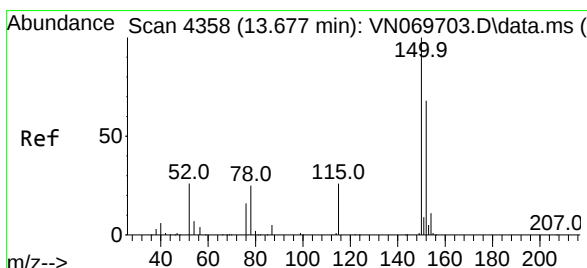
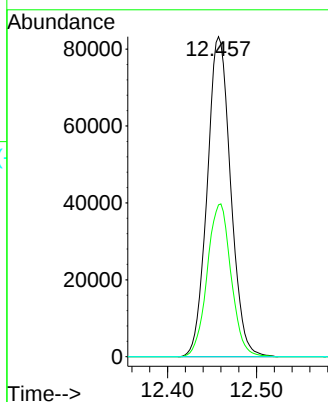
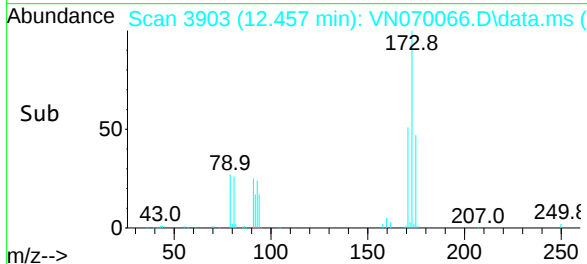
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



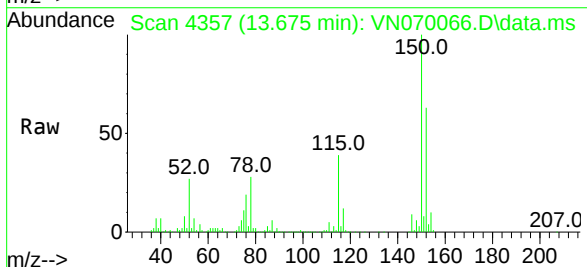
Tgt Ion:173 Resp: 15226
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

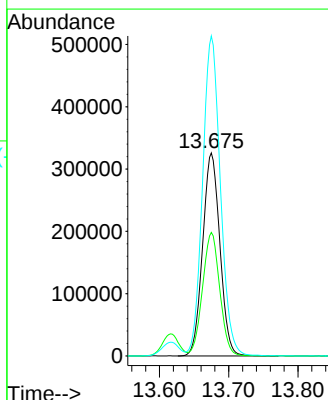
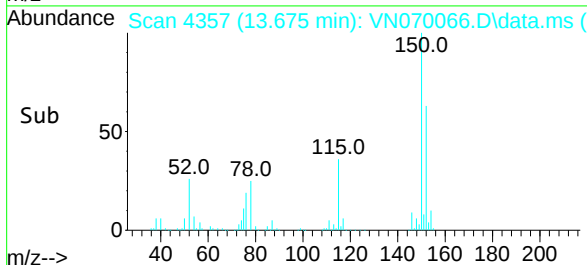
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

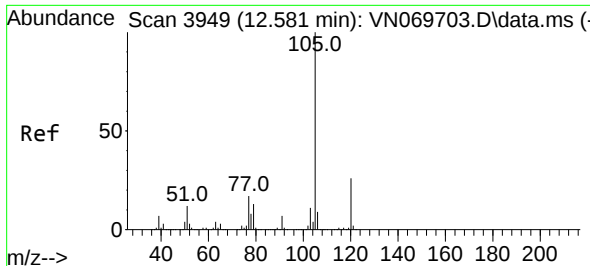


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



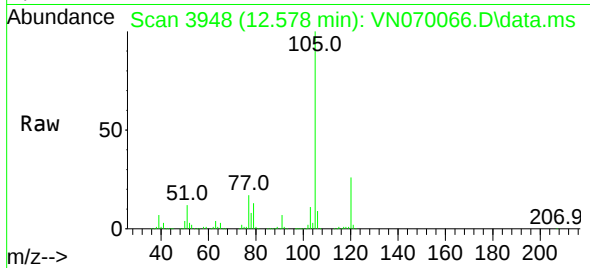
Tgt Ion:152 Resp: 563107
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 162.7 0.0 344.4





#73
Isopropylbenzene
Concen: 18.867 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

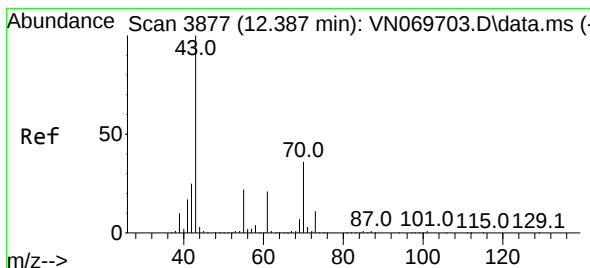
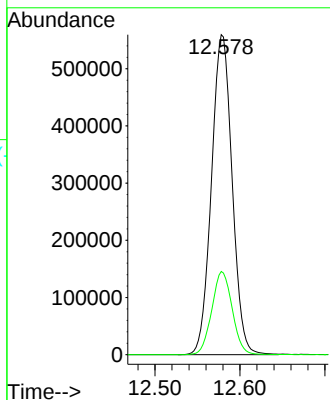
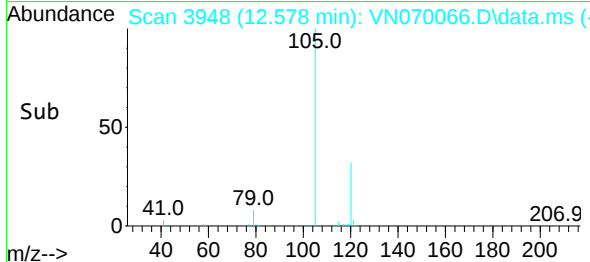
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



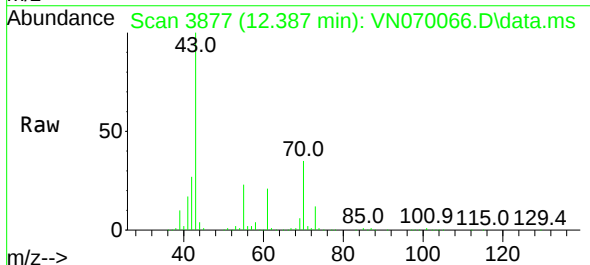
Tgt Ion: 105 Resp: 945272
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

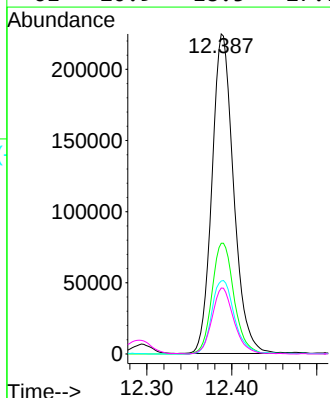
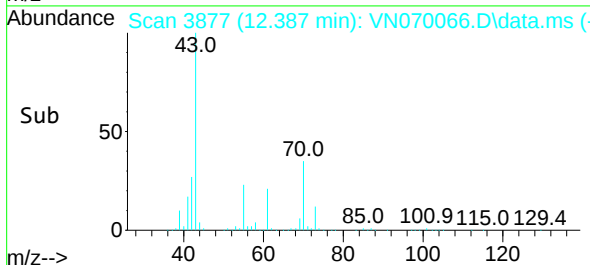
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

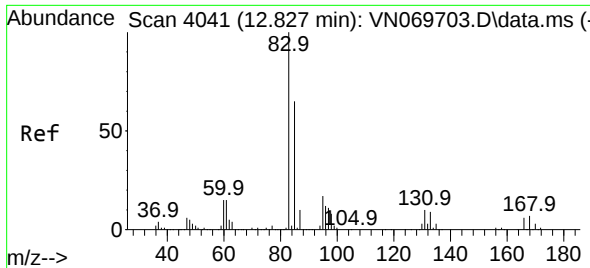


#74
N-ethyl acetate
Concen: 17.904 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



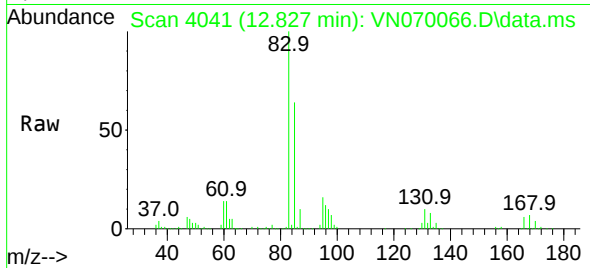
Tgt Ion: 43 Resp: 396697
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 24.2 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.336 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

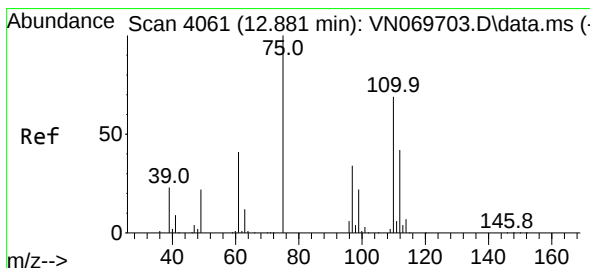
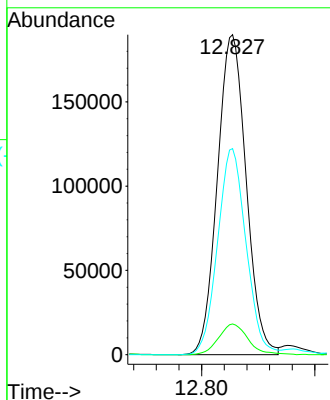
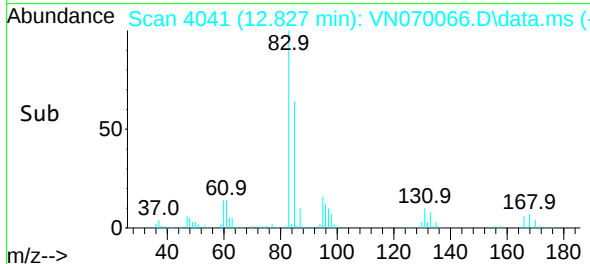
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



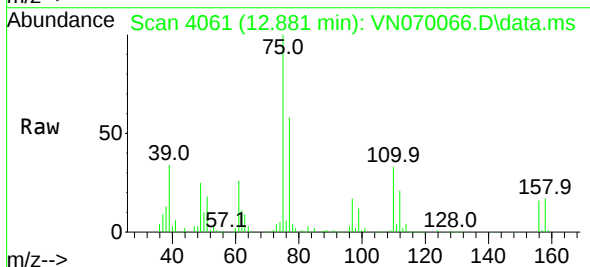
Tgt Ion: 83 Resp: 334994
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
APPROVED

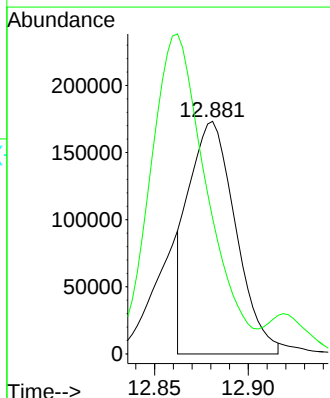
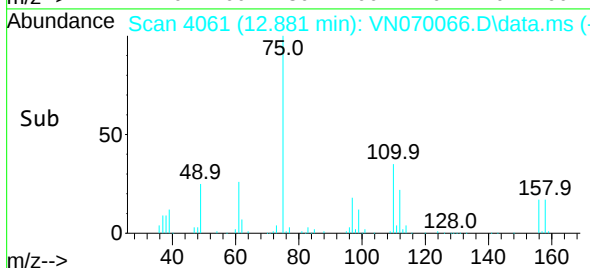
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

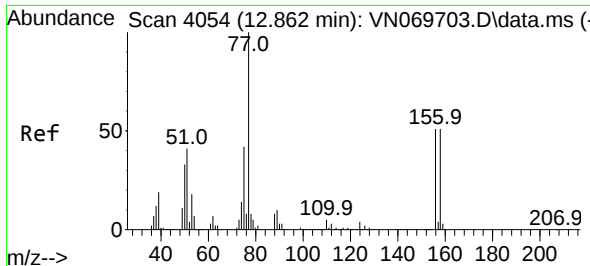


#76
1,2,3-Trichloropropane
Concen: 18.639 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



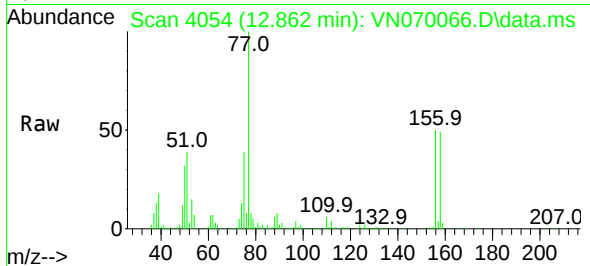
Tgt Ion: 75 Resp: 300994
Ion Ratio Lower Upper
75 100
77 166.5 82.6 247.8





#77
Bromobenzene
Concen: 18.379 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

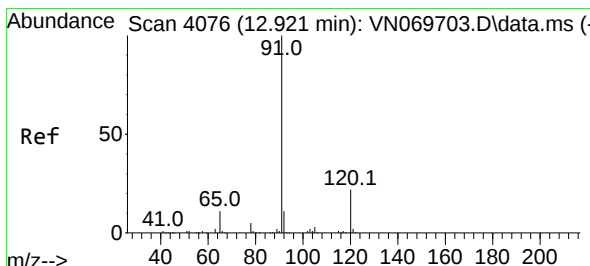
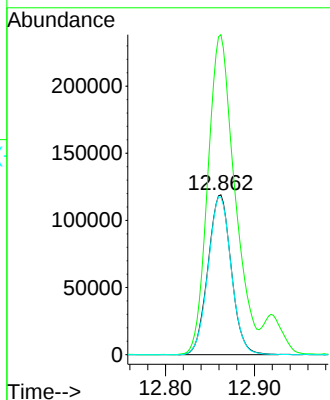
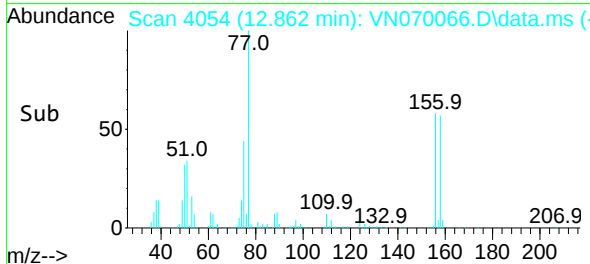
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



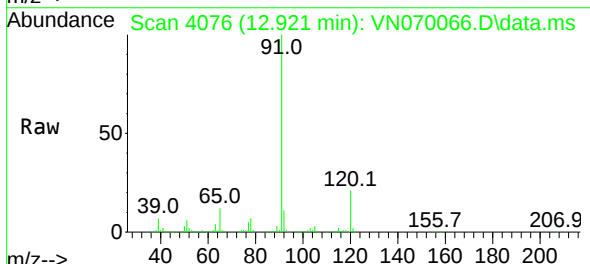
Tgt Ion:156 Resp: 21628
Ion Ratio Lower Upper
156 100
77 231.7 90.6 271.8
158 98.5 48.9 146.7

Manual Integrations
APPROVED

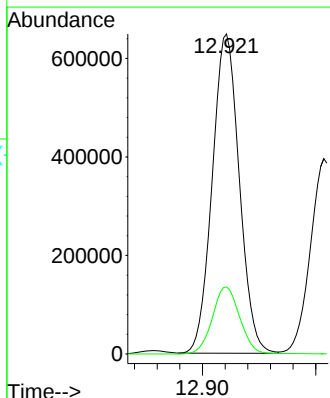
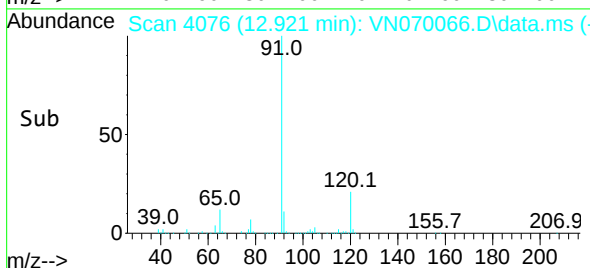
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

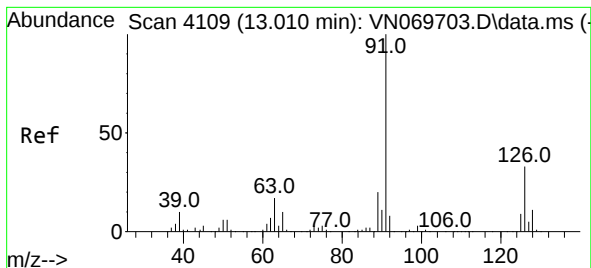


#78
n-propylbenzene
Concen: 19.258 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



Tgt Ion: 91 Resp: 1073666
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9





#79

2-Chlorotoluene

Concen: 18.938 ug/l

RT: 13.007 min Scan# 4109

Delta R.T. -0.003 min

Lab File: VN070066.D

Acq: 14 Dec 2021 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 91 Resp: 66712

Ion Ratio Lower Upper

91 100

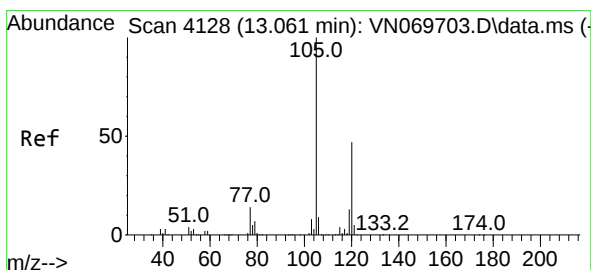
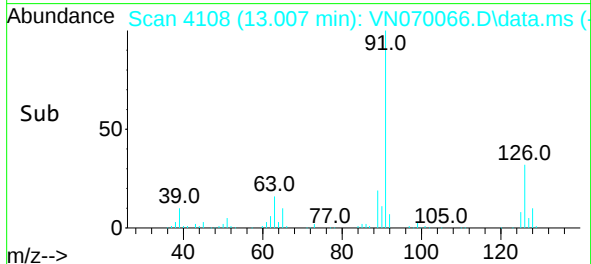
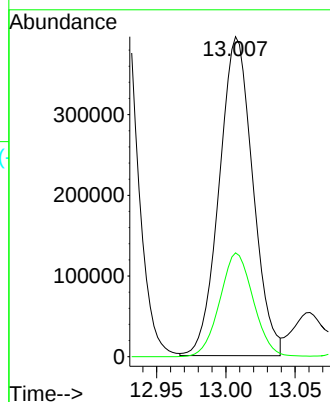
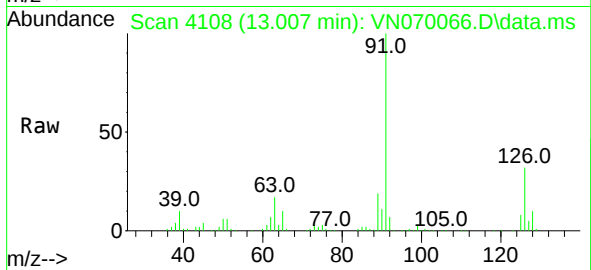
126 32.6 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#80

1,3,5-Trimethylbenzene

Concen: 19.136 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN070066.D

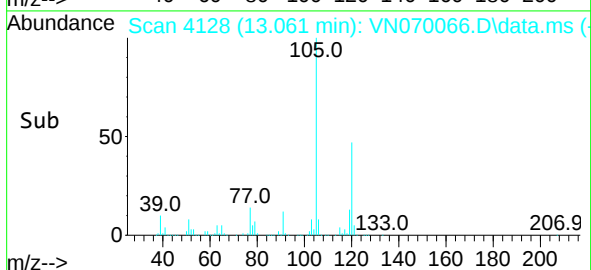
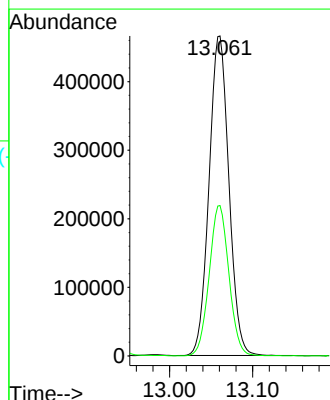
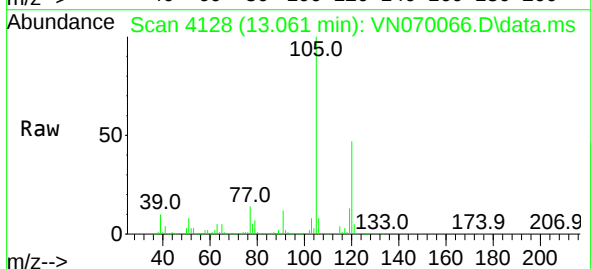
Acq: 14 Dec 2021 13:01

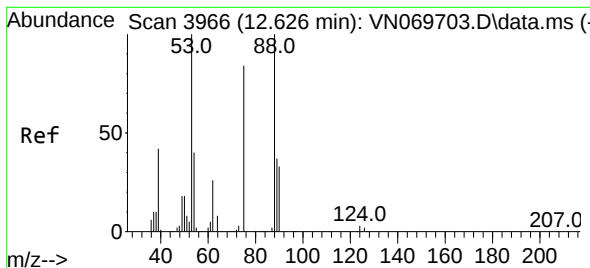
Tgt Ion:105 Resp: 771670

Ion Ratio Lower Upper

105 100

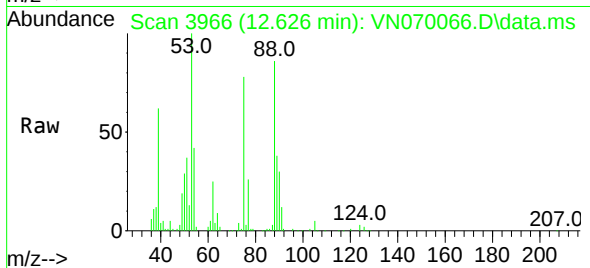
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.255 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

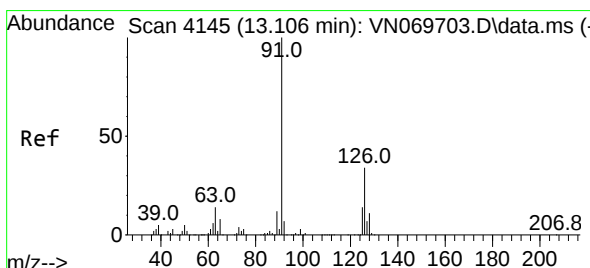
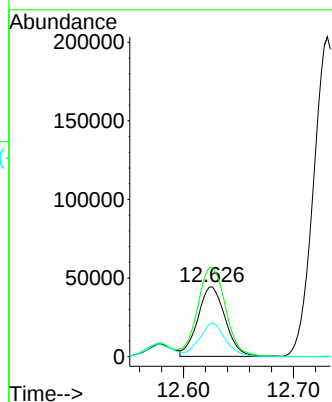
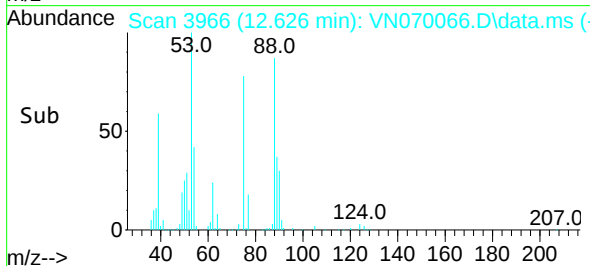
Instrument :
MSVOA_N
Client Sample Id :
VN1214MBS01



Tgt Ion: 75 Resp: 76220
Ion Ratio Lower Upper
75 100
53 132.7 90.5 135.7
89 46.6 38.2 57.4

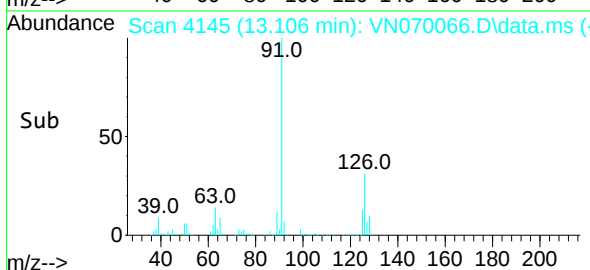
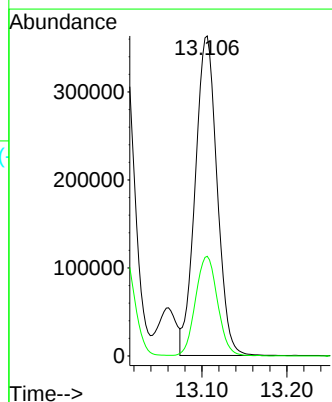
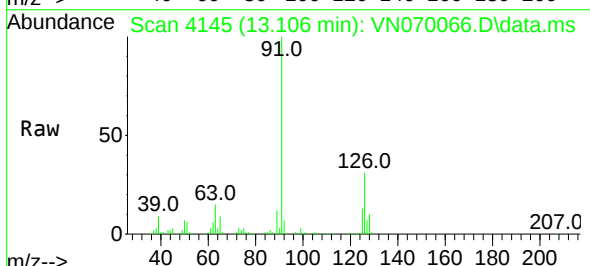
Manual Integrations
APPROVED

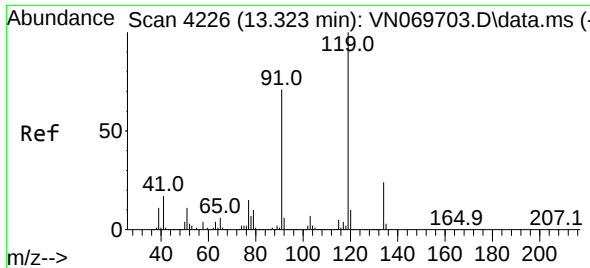
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 19.520 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

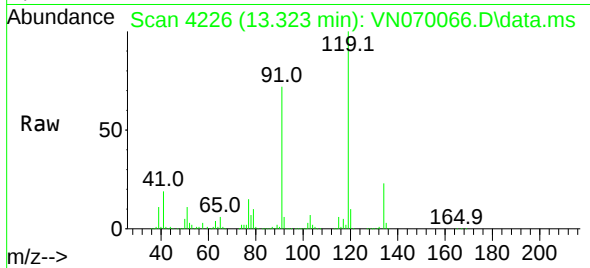
Tgt Ion: 91 Resp: 646668
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.795 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

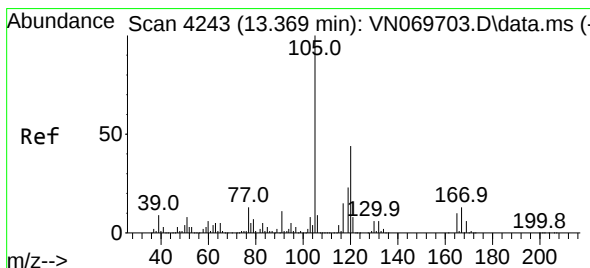
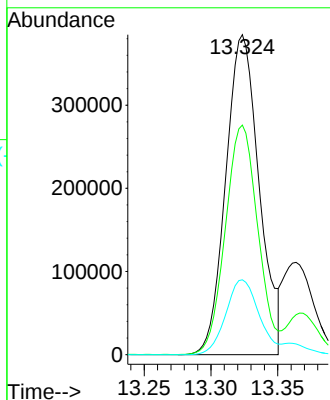
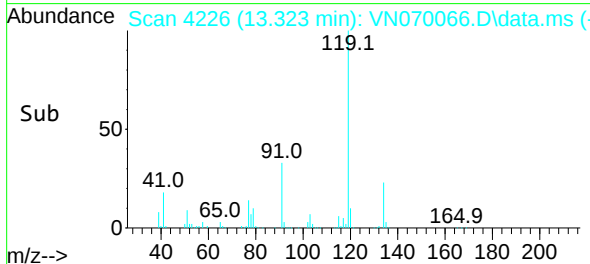
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



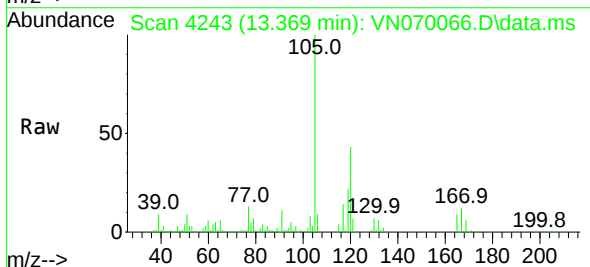
Tgt Ion:119 Resp: 671118
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 23.5 12.4 37.4

Manual Integrations
APPROVED

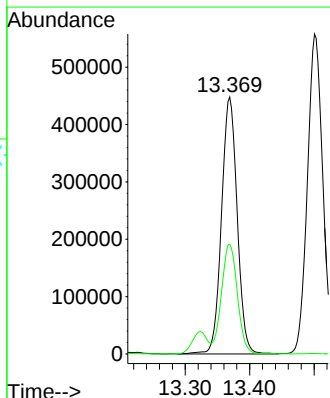
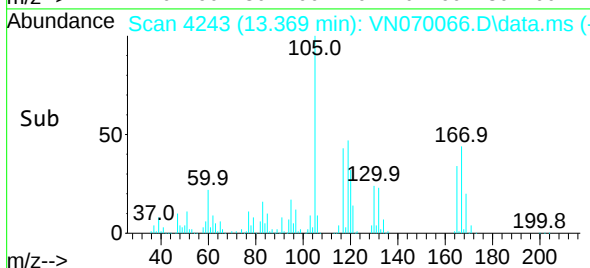
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

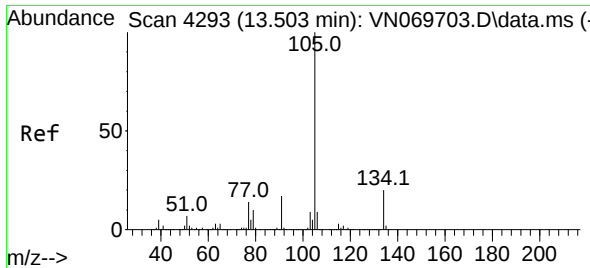


#84
1,2,4-Trimethylbenzene
Concen: 19.719 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01



Tgt Ion:105 Resp: 757283
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





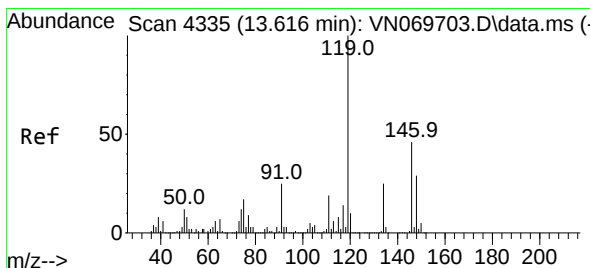
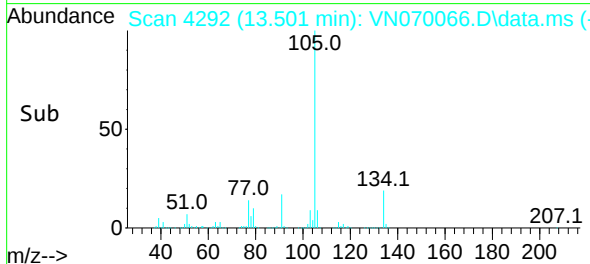
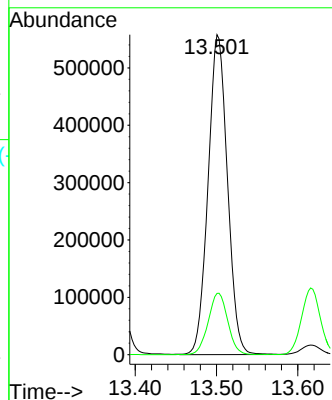
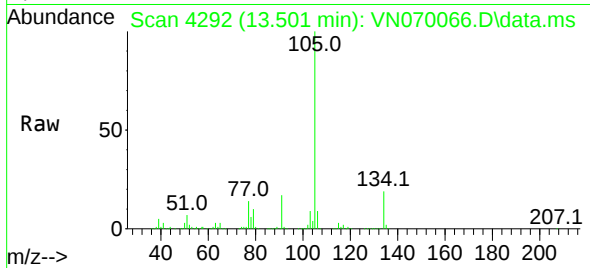
#85
 sec-Butylbenzene
 Concen: 19.033 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070066.D
 Acq: 14 Dec 2021 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Tgt Ion:105 Resp: 921828
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

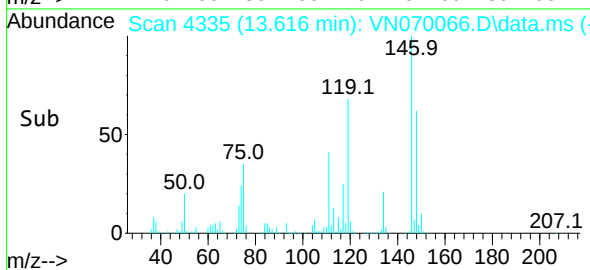
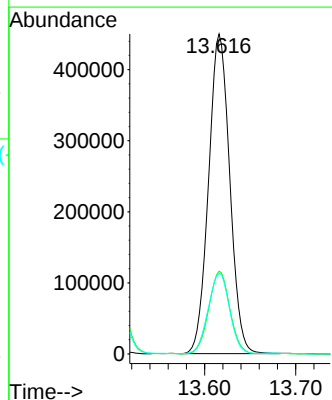
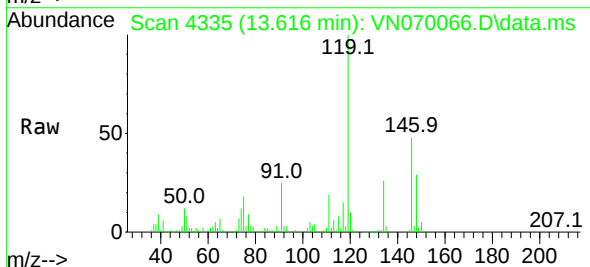
Manual Integrations
 APPROVED

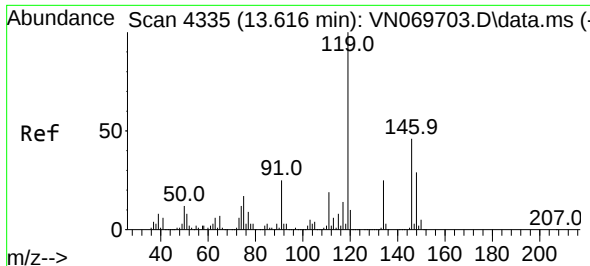
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 19.148 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070066.D
 Acq: 14 Dec 2021 13:01

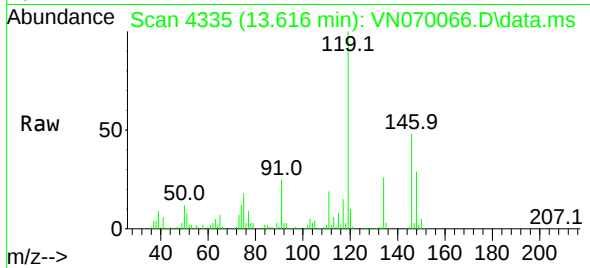
Tgt Ion:119 Resp: 724913
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.5 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 19.511 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070066.D
 Acq: 14 Dec 2021 13:01

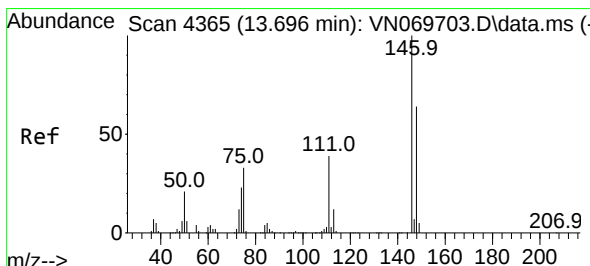
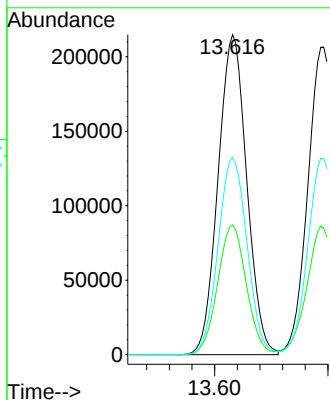
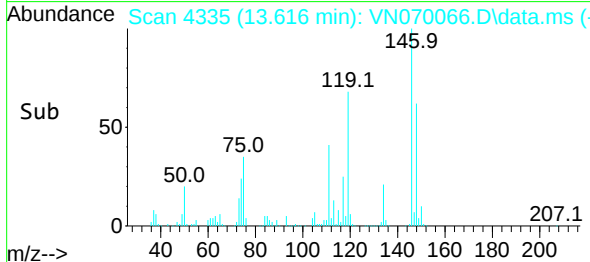
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01



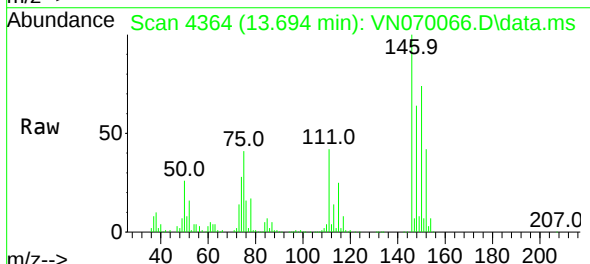
Tgt Ion:146 Resp: 377209
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.6 55.6
 148 62.5 31.6 95.0

Manual Integrations
 APPROVED

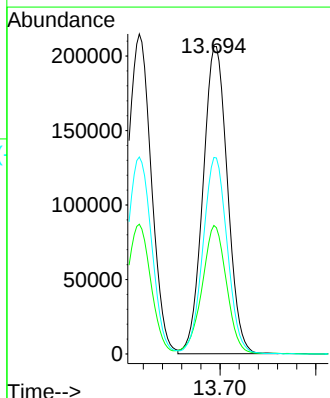
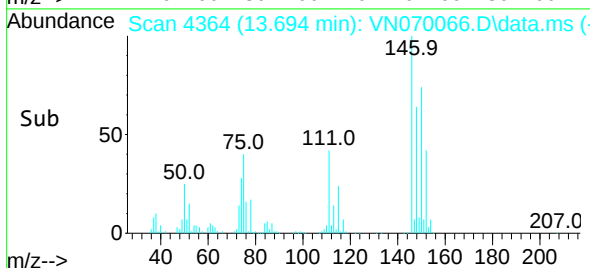
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#88
 1,4-Dichlorobenzene
 Concen: 19.275 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. -0.003 min
 Lab File: VN070066.D
 Acq: 14 Dec 2021 13:01



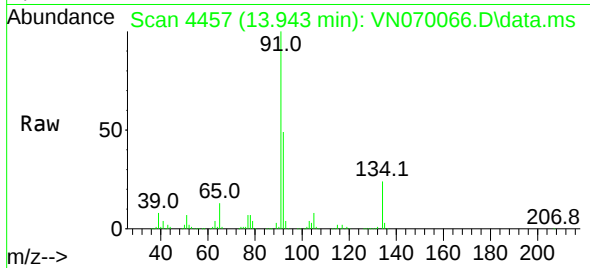
Tgt Ion:146 Resp: 366207
 Ion Ratio Lower Upper
 146 100
 111 41.6 18.3 54.8
 148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 18.676 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

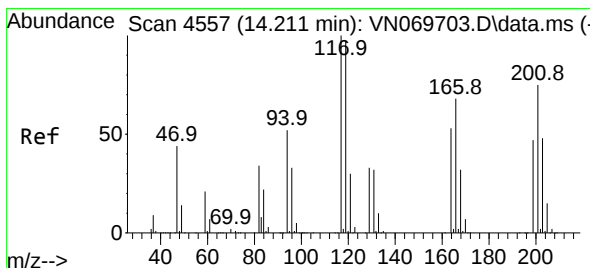
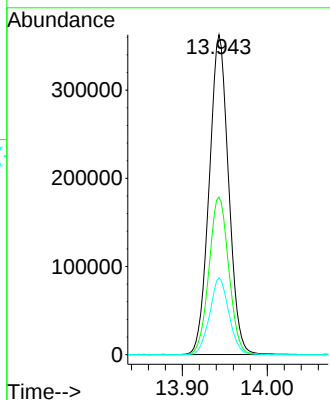
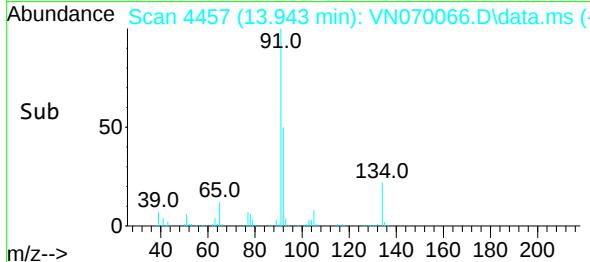
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 91 Resp: 573540
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.0
134 24.0 13.6 40.8

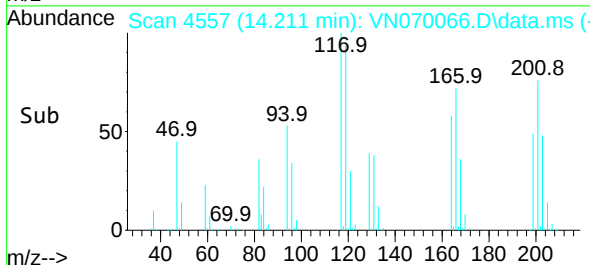
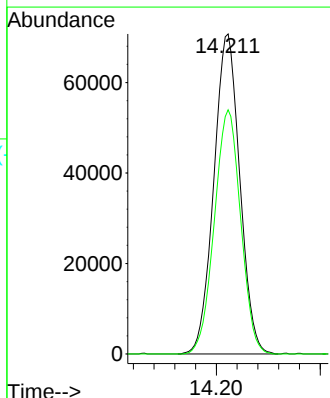
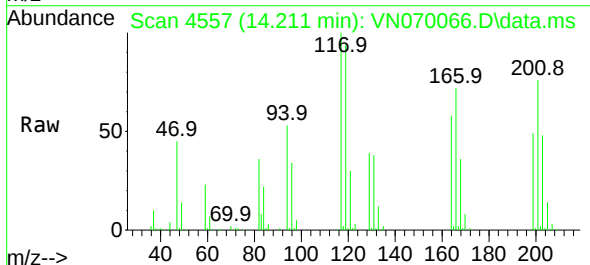
Manual Integrations
APPROVED

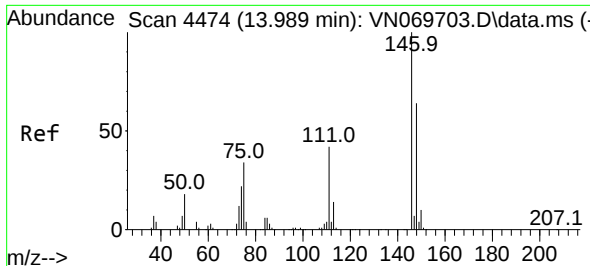
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 18.498 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

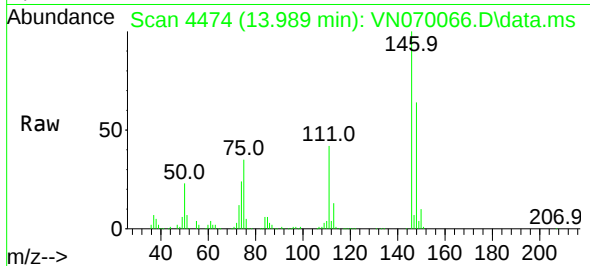
Tgt Ion:117 Resp: 122953
Ion Ratio Lower Upper
117 100
201 77.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.598 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

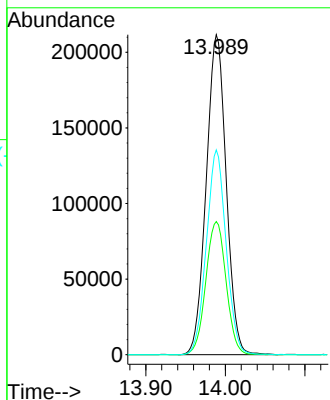
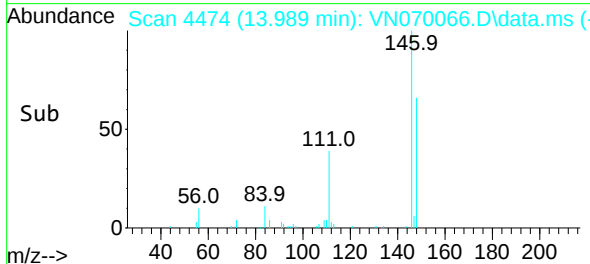
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion:146 Resp: 369172
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 63.4 32.1 96.3

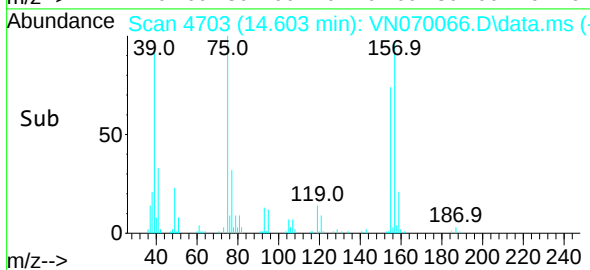
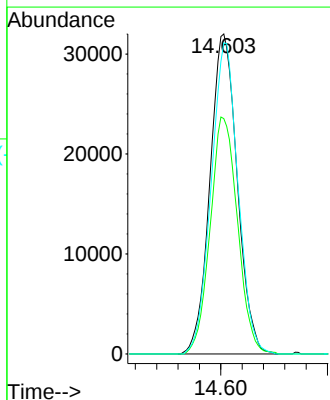
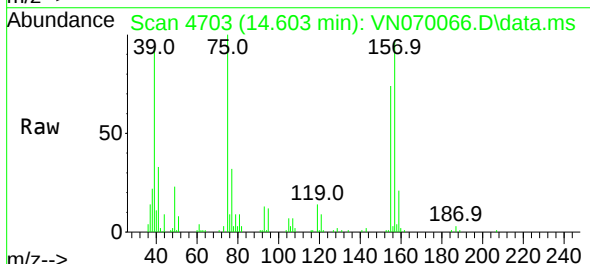
Manual Integrations
APPROVED

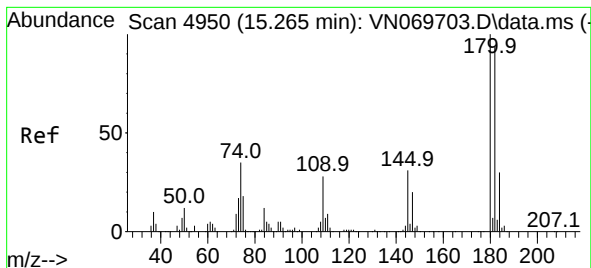
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.126 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

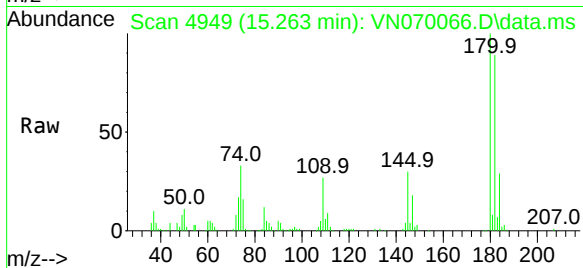
Tgt Ion: 75 Resp: 56747
Ion Ratio Lower Upper
75 100
155 74.2 46.9 140.7
157 95.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.266 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

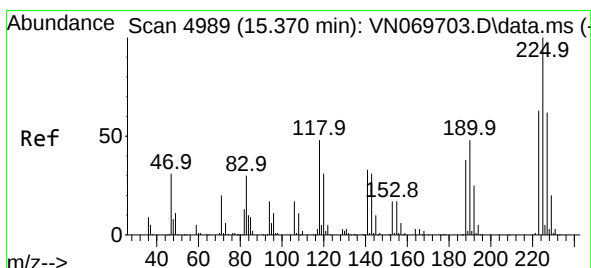
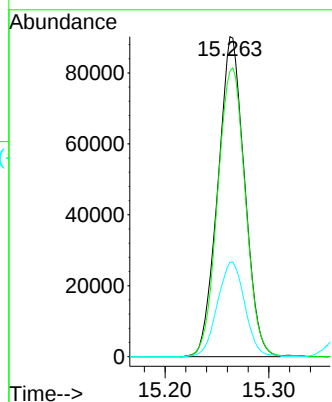
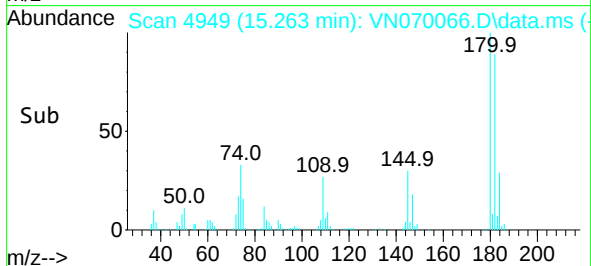
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion:180 Resp: 160654
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.9
145 30.4 14.5 43.5

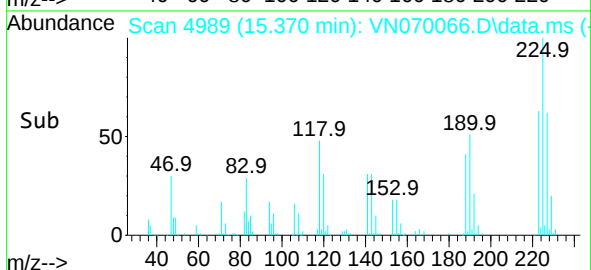
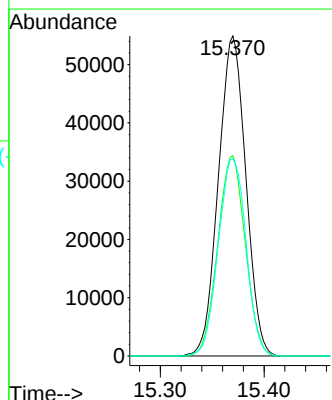
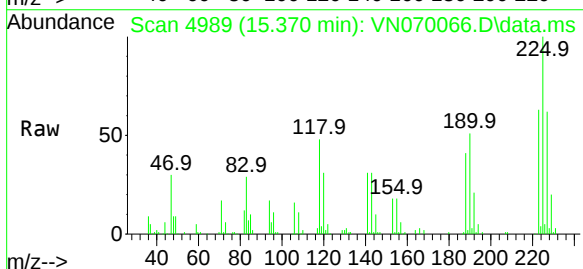
Manual Integrations
APPROVED

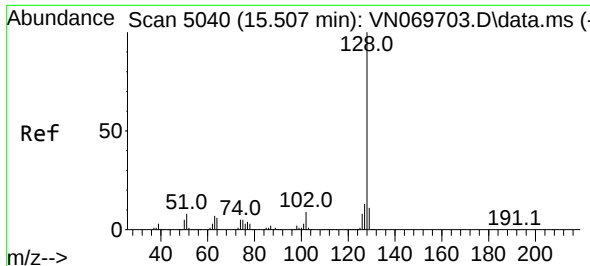
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#94
Hexachlorobutadiene
Concen: 20.192 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion:225 Resp: 100804
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 62.6 32.1 96.3





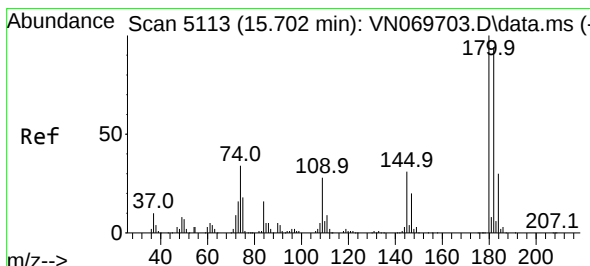
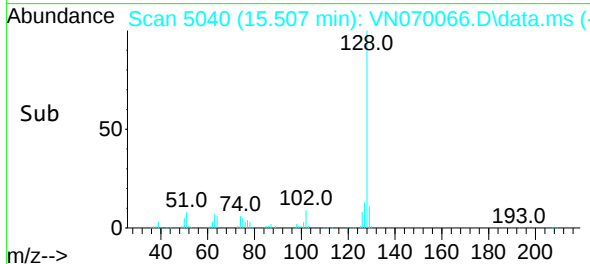
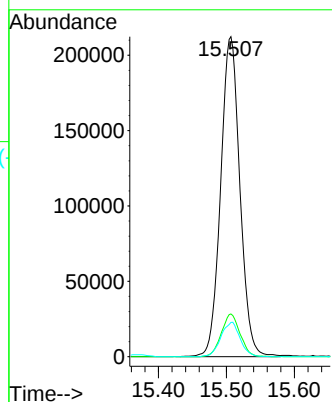
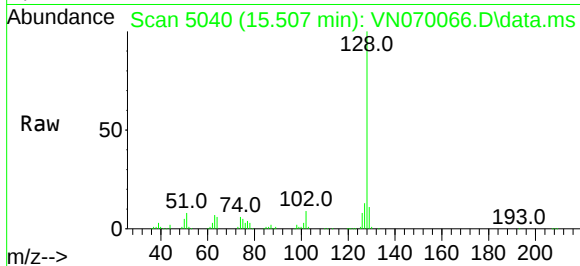
#95
Naphthalene
Concen: 17.963 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:128 Resp: 41798
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.384 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070066.D
Acq: 14 Dec 2021 13:01

Tgt Ion:180 Resp: 160422
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 32.5 15.0 45.1

