

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070183.D
 Acq On : 18 Dec 2021 00:16
 Operator : JC/MD
 Sample : VN1217WBSD03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 06:01:45 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	964481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1616009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1473726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	577186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	686217	46.081	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.160%		
35) Dibromofluoromethane	8.021	113	468269	46.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.520%		
50) Toluene-d8	10.440	98	1810846	44.553	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.731	95	648842	44.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	154736	13.755	ug/l	99
3) Chloromethane	2.303	50	198806	14.107	ug/l	98
4) Vinyl Chloride	2.445	62	188358	14.535	ug/l	98
5) Bromomethane	2.848	94	106103	15.071	ug/l	99
6) Chloroethane	3.017	64	116402	14.658	ug/l	100
7) Trichlorofluoromethane	3.373	101	252717	14.859	ug/l	97
8) Diethyl Ether	3.824	74	115702	17.663	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	152715	16.018	ug/l	97
10) Methyl Iodide	4.419	142	197500	15.164	ug/l	98
11) Tert butyl alcohol	5.382	59	242418	86.120	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	145743	15.864	ug/l	90
13) Acrolein	4.041	56	232614	97.039	ug/l	99
14) Allyl chloride	4.840	41	341945	16.518	ug/l #	91
15) Acrylonitrile	5.559	53	652388	86.009	ug/l	99
16) Acetone	4.291	43	631629	70.510	ug/l	99
17) Carbon Disulfide	4.527	76	314683	13.258	ug/l	99
18) Methyl Acetate	4.859	43	462622	17.109	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	638918	17.886	ug/l	96
20) Methylene Chloride	5.092	84	192825	16.192	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	155421	15.575	ug/l	88
22) Diisopropyl ether	6.498	45	747233	18.467	ug/l	96
23) Vinyl Acetate	6.436	43	2887550	87.717	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	362402	17.290	ug/l	97
25) 2-Butanone	7.340	43	978472	80.392	ug/l	91
26) 2,2-Dichloropropane	7.327	77	231926	14.231	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	200017	16.591	ug/l	87
28) Bromochloromethane	7.656	49	169658	15.566	ug/l #	78
29) Tetrahydrofuran	7.689	42	647483	87.608	ug/l	87
30) Chloroform	7.820	83	367378	17.355	ug/l	99
31) Cyclohexane	8.096	56	328350	15.844	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	305613	16.949	ug/l	96
36) 1,1-Dichloropropene	8.222	75	246671	16.034	ug/l	97
37) Ethyl Acetate	7.415	43	383330	16.741	ug/l	96
38) Carbon Tetrachloride	8.206	117	239106	15.850	ug/l	98
39) Methylcyclohexane	9.459	83	269658	14.736	ug/l	87
40) Benzene	8.461	78	785058	16.695	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189928	17.670	ug/l	90
42) 1,2-Dichloroethane	8.531	62	321261	16.924	ug/l	97
43) Isopropyl Acetate	8.563	43	587506	17.339	ug/l	94
44) Trichloroethene	9.217	130	181326	16.156	ug/l	94
45) 1,2-Dichloropropane	9.491	63	216943	17.180	ug/l	100
46) Dibromomethane	9.577	93	139155	16.803	ug/l	93
47) Bromodichloromethane	9.762	83	269843	17.210	ug/l	99
48) Methyl methacrylate	9.561	41	289976	18.338	ug/l #	81
49) 1,4-Dioxane	9.571	88	91654	323.033	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2002562	91.103	ug/l	95
52) Toluene	10.505	92	488897	17.030	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	271616	16.390	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	298975	16.499	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	200534	17.313	ug/l	97
56) Ethyl methacrylate	10.762	69	342652	17.243	ug/l	89
57) 1,3-Dichloropropane	11.044	76	352302	17.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	521265	100.212	ug/l	90
59) 2-Hexanone	11.087	43	1435278	86.316	ug/l	93
60) Dibromochloromethane	11.240	129	178368	16.065	ug/l	98
61) 1,2-Dibromoethane	11.344	107	200350	16.699	ug/l	99
64) Tetrachloroethene	10.977	164	169562	16.968	ug/l	95
65) Chlorobenzene	11.771	112	504361	16.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	181659	17.263	ug/l	99
67) Ethyl Benzene	11.846	91	941886	17.343	ug/l	95
68) m/p-Xylenes	11.953	106	687075	34.746	ug/l	92
69) o-Xylene	12.280	106	341906	17.166	ug/l	91
70) Styrene	12.294	104	543357	17.204	ug/l	95
71) Bromoform	12.457	173	130765	16.466	ug/l #	99
73) Isopropylbenzene	12.578	105	895735	17.443	ug/l	98
74) N-amyl acetate	12.390	43	396135	17.443	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	321443	18.101	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	294859m	17.814	ug/l	
77) Bromobenzene	12.859	156	205836	17.065	ug/l	77
78) n-propylbenzene	12.921	91	979714	17.144	ug/l	96
79) 2-Chlorotoluene	13.007	91	631277	17.483	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	725146	17.544	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	69175	16.628	ug/l	89
82) 4-Chlorotoluene	13.106	91	584199	17.204	ug/l	92
83) tert-Butylbenzene	13.323	119	646142	17.654	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	711779	18.082	ug/l	98
85) sec-Butylbenzene	13.503	105	857008	17.263	ug/l	98
86) p-Isopropyltoluene	13.616	119	669304	17.248	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	338576	17.086	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	324746	16.676	ug/l	96
89) n-Butylbenzene	13.943	91	500949	15.914	ug/l	97
90) Hexachloroethane	14.211	117	108467	15.921	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	333594	17.278	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55499	17.295	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	153249	18.129	ug/l	97
94) Hexachlorobutadiene	15.370	225	91901	17.960	ug/l	97
95) Naphthalene	15.507	128	479735	19.637	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	155799	18.495	ug/l	97

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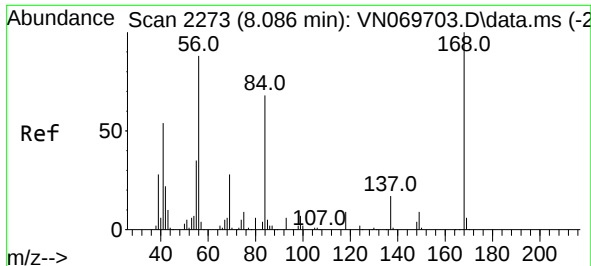
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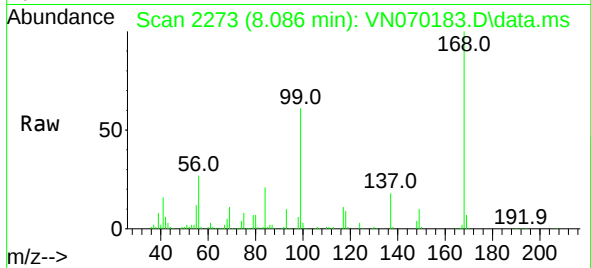
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070183.D
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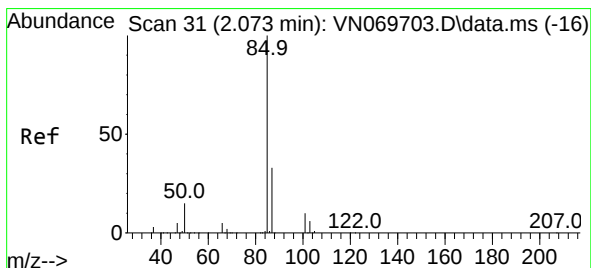
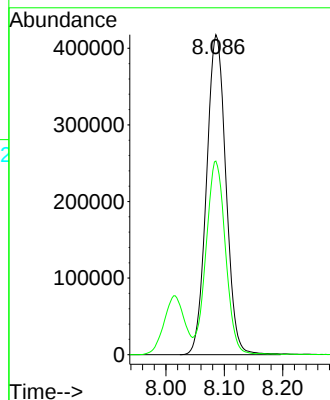
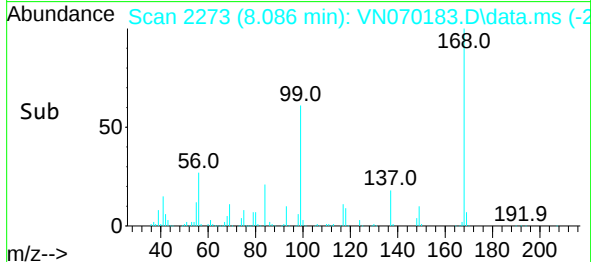
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VN1217WBSD03



Tgt Ion:168 Resp: 96448
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

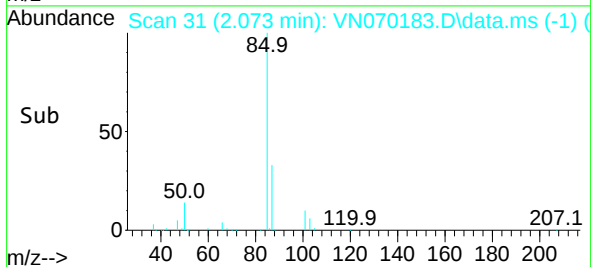
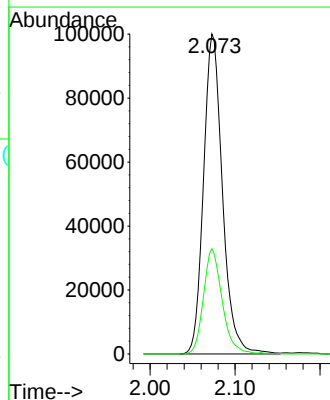
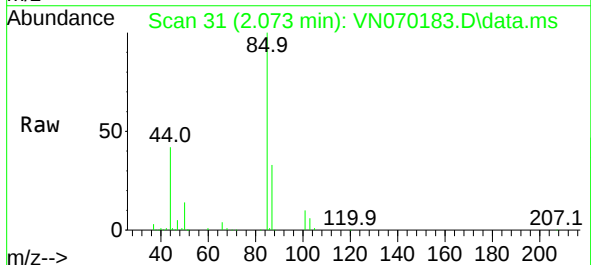
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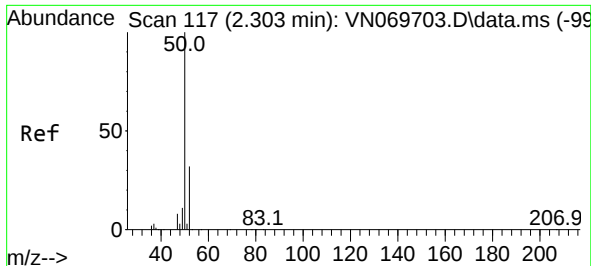
Reviewed By :John Carlone 12/20/2021
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#2
Dichlorodifluoromethane
Concen: 13.755 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

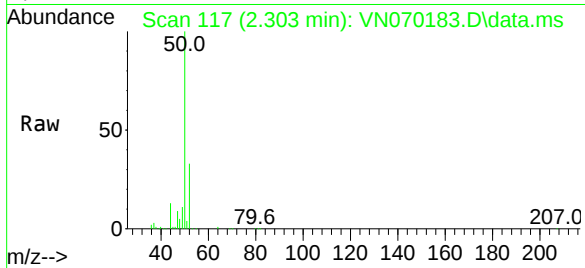
Tgt Ion: 85 Resp: 154736
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





#3
Chloromethane
Concen: 14.107 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

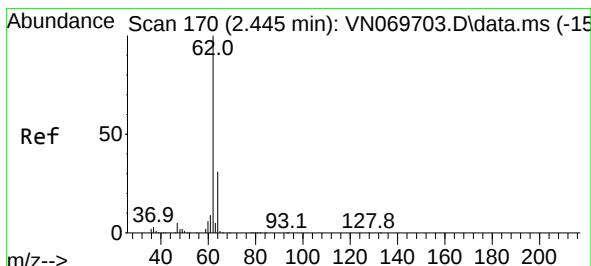
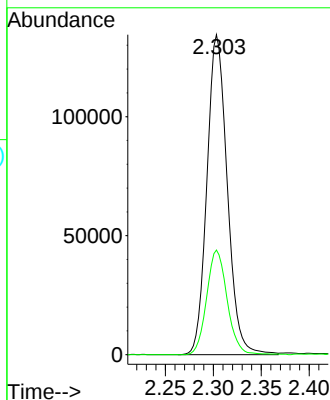
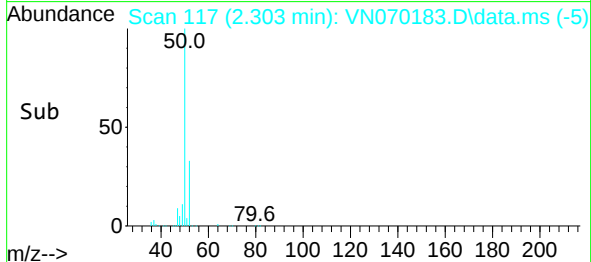
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Tgt Ion: 50 Resp: 198800
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

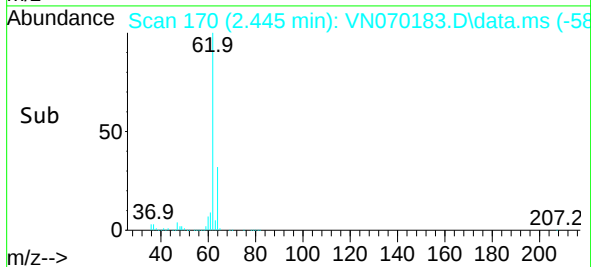
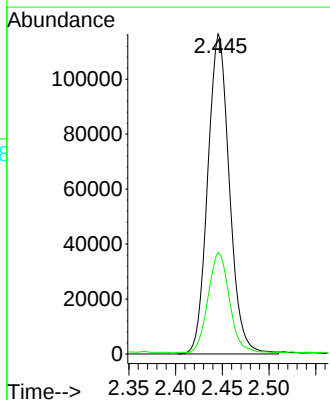
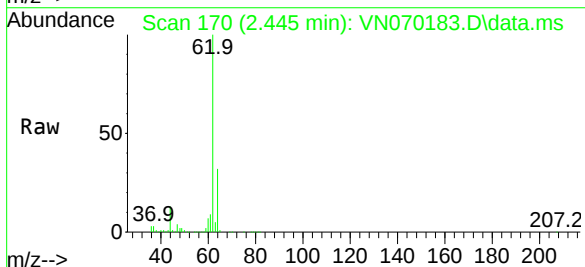
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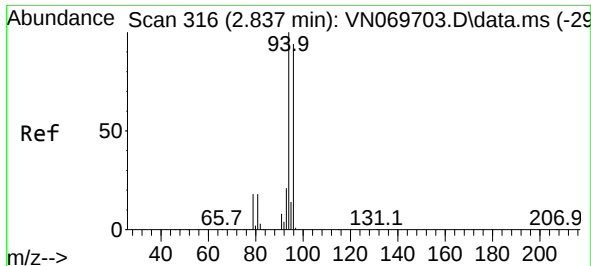
Reviewed By :John Carlone 12/20/2021
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#4
Vinyl Chloride
Concen: 14.535 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

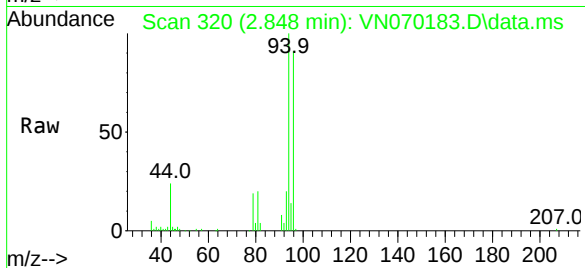
Tgt Ion: 62 Resp: 188358
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 15.071 ug/l
RT: 2.848 min Scan# 316
Delta R.T. 0.011 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

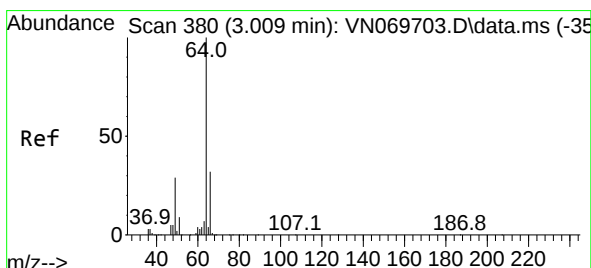
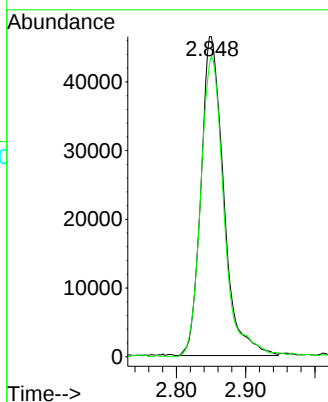
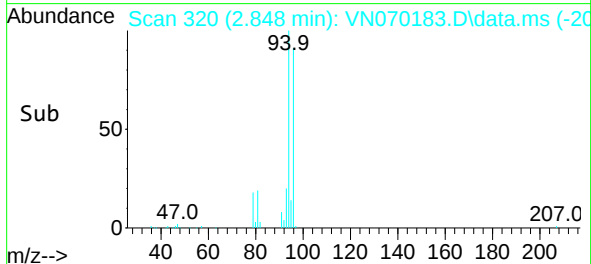
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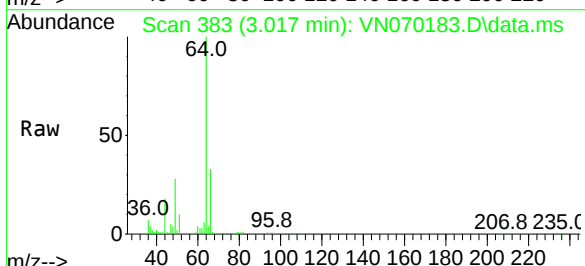
Tgt Ion: 94 Resp: 10610
Ion Ratio Lower Upper
94 100
96 91.7 73.8 110.8

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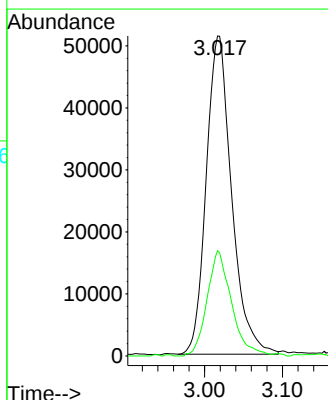
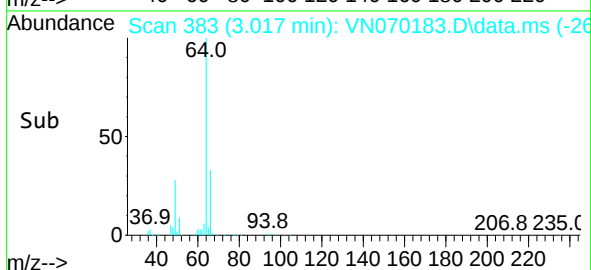
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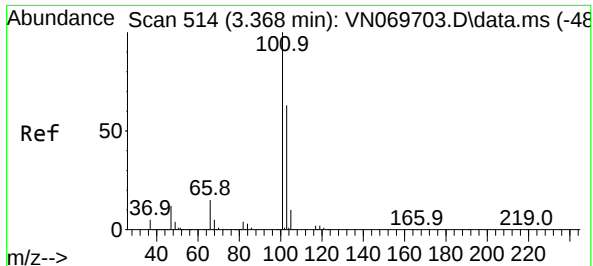


#6
Chloroethane
Concen: 14.658 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070183.D
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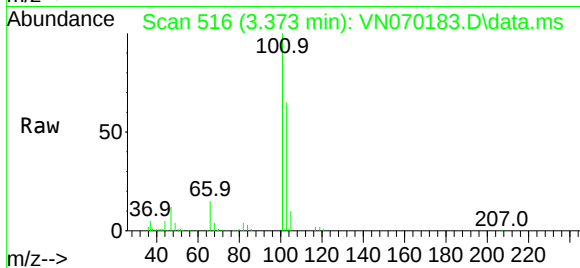
Tgt Ion: 64 Resp: 116402
Ion Ratio Lower Upper
64 100
66 33.1 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 14.859 ug/l
 RT: 3.373 min Scan# 514
 Delta R.T. 0.005 min
 Lab File: VN070183.D
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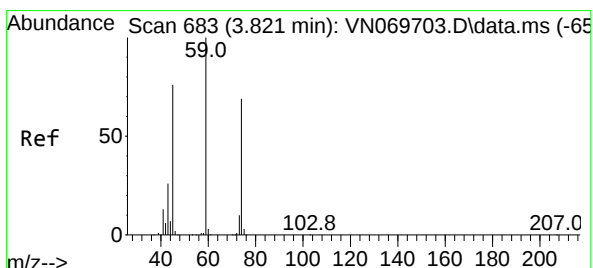
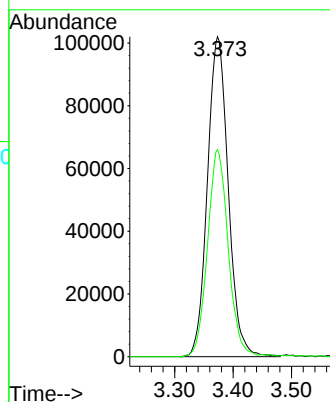
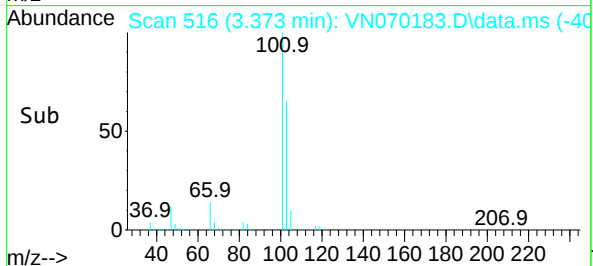
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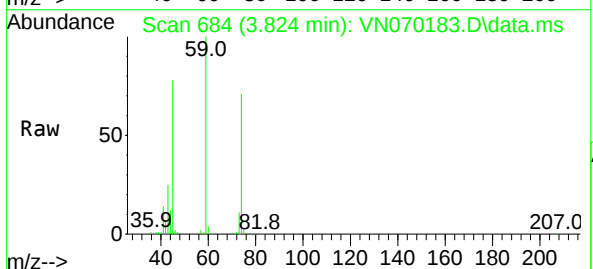
Tgt Ion:101 Resp: 25271
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1

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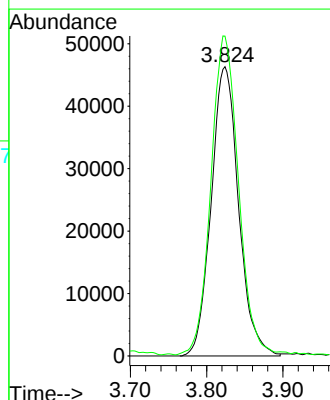
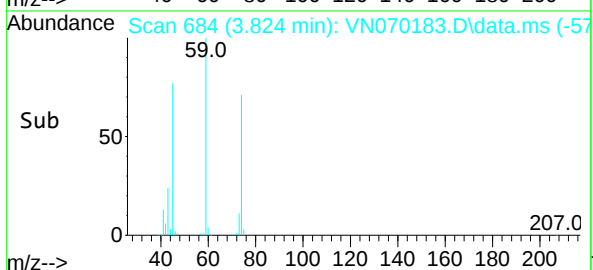
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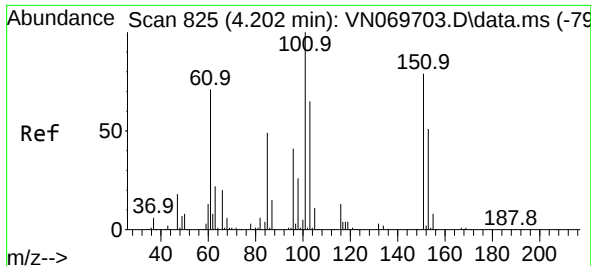


#8
 Diethyl Ether
 Concen: 17.663 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 115702
 Ion Ratio Lower Upper
 74 100
 45 110.3 47.0 141.2





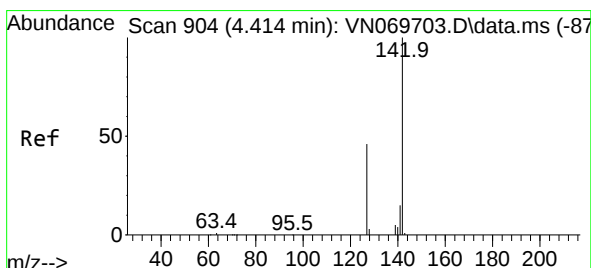
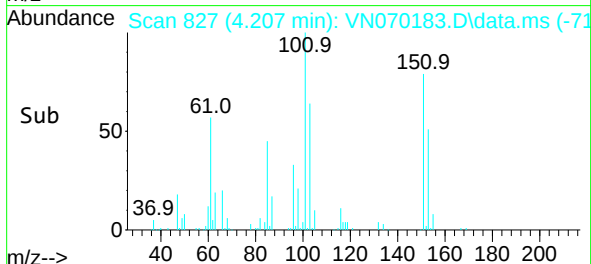
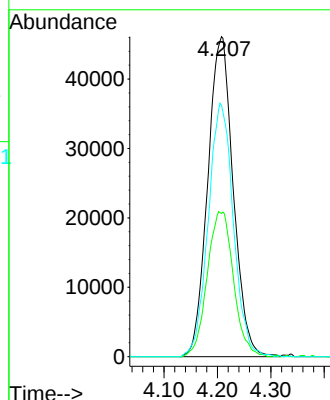
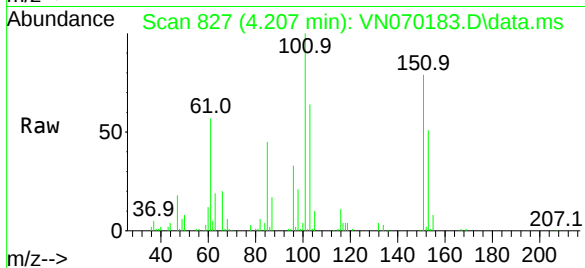
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.018 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

Tgt Ion:101 Resp: 152715
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 78.2 65.9 98.9

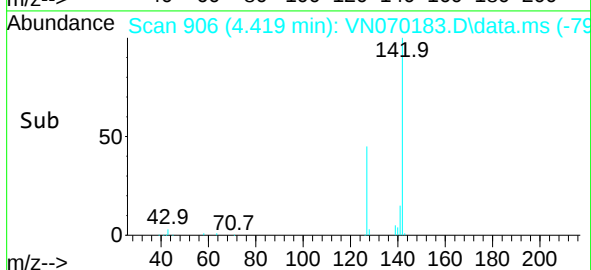
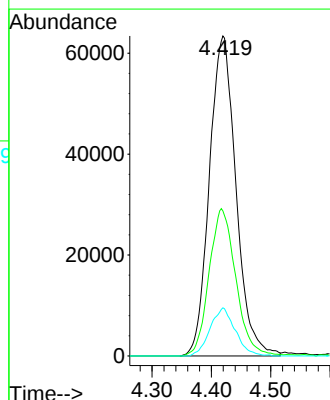
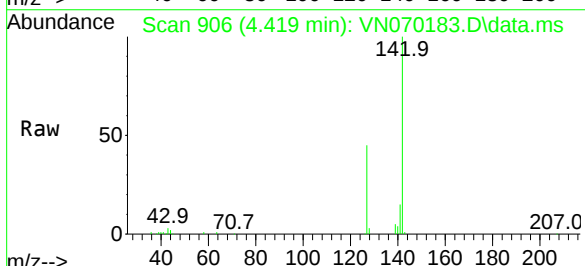
Manual Integrations
APPROVED

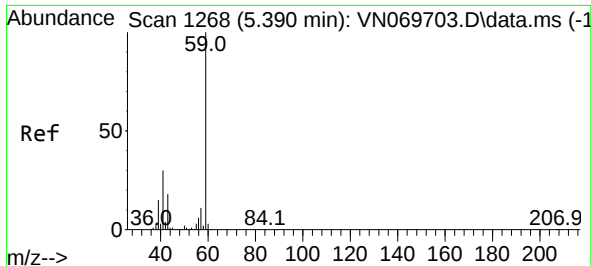
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 15.164 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

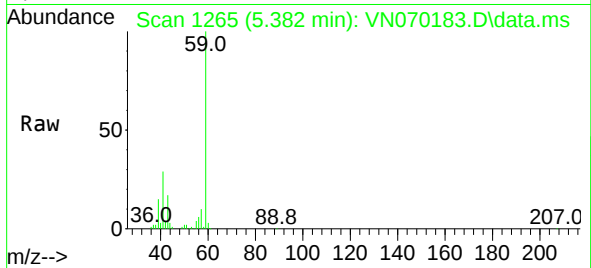
Tgt Ion:142 Resp: 197500
Ion Ratio Lower Upper
142 100
127 46.2 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.120 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

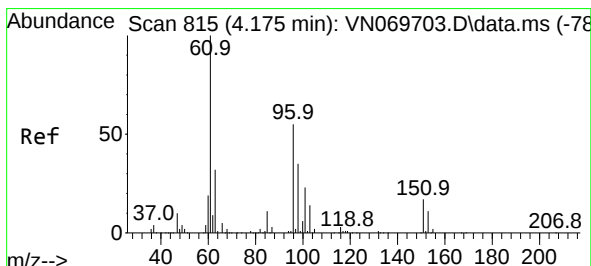
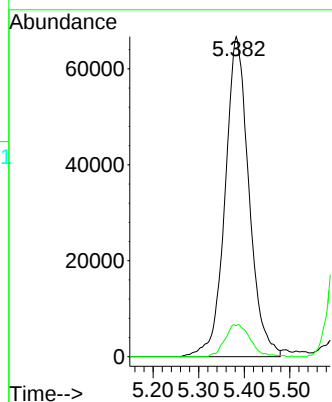
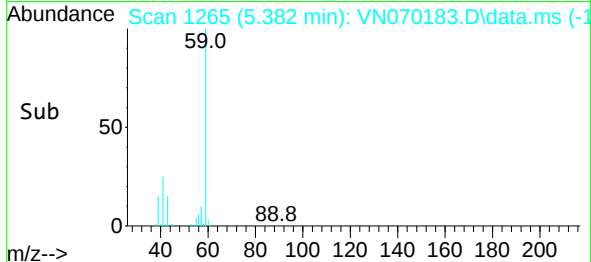
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



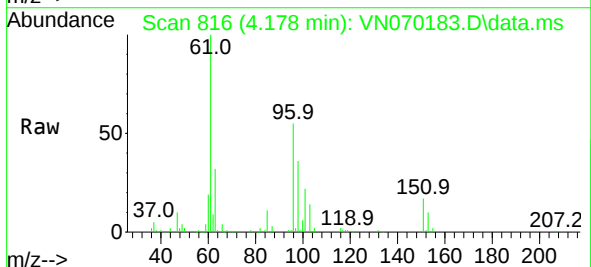
Tgt Ion: 59 Resp: 242418
Ion Ratio Lower Upper
59 100
57 4.9 8.7 13.1

Manual Integrations
APPROVED

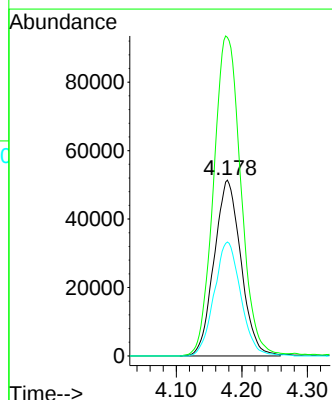
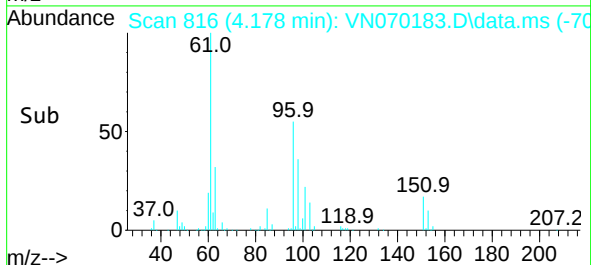
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 15.864 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



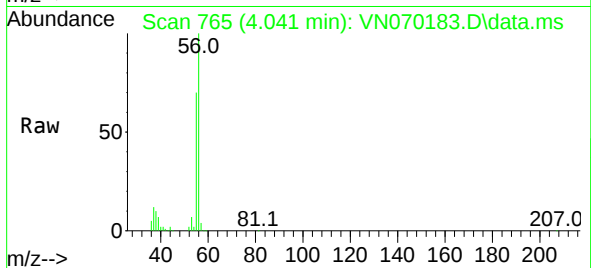
Tgt Ion: 96 Resp: 145743
Ion Ratio Lower Upper
96 100
61 181.1 131.0 196.6
98 64.8 52.4 78.6





#13
Acrolein
Concen: 97.039 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

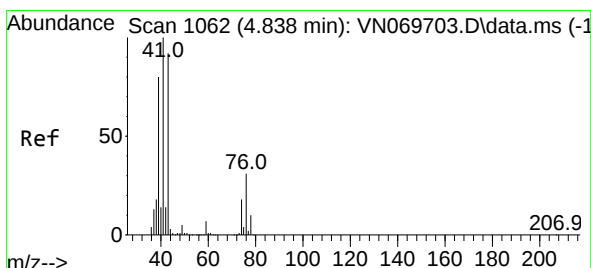
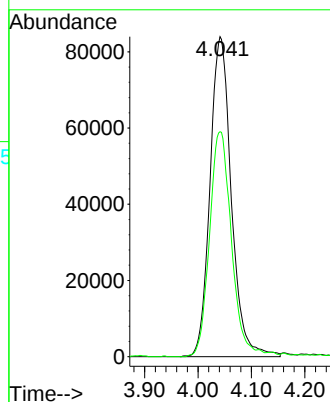
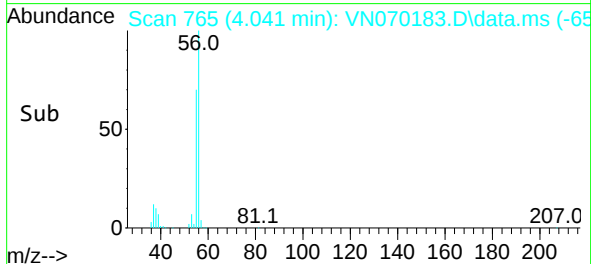
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



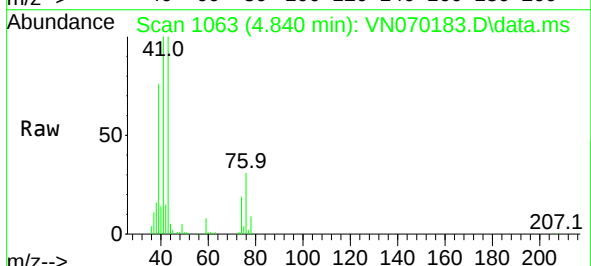
Tgt Ion: 56 Resp: 232614
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
APPROVED

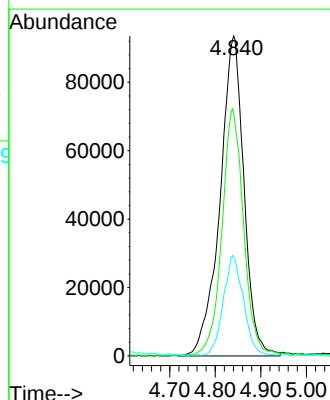
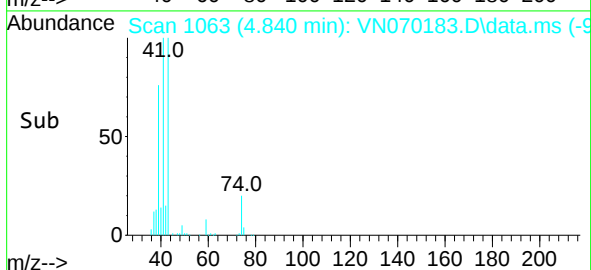
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

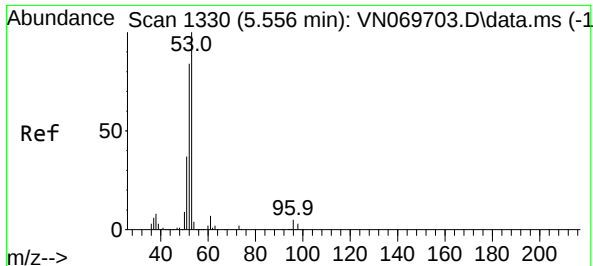


#14
Allyl chloride
Concen: 16.518 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



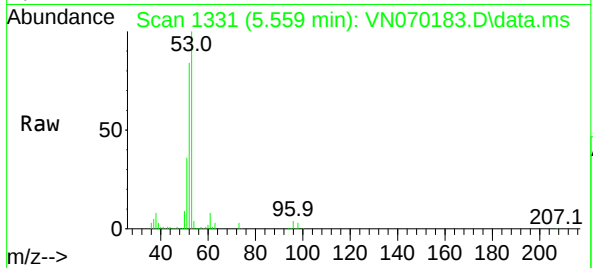
Tgt Ion: 41 Resp: 341945
Ion Ratio Lower Upper
41 100
39 69.4 61.2 91.8
76 25.8 26.0 39.0





#15
Acrylonitrile
Concen: 86.009 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

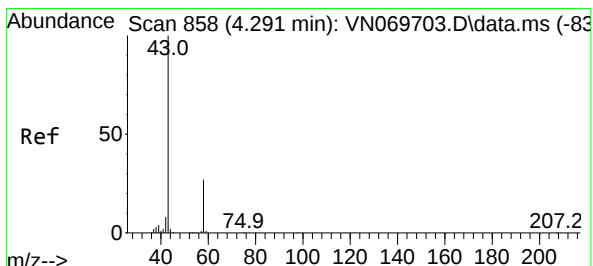
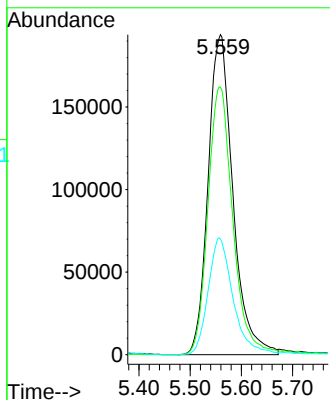
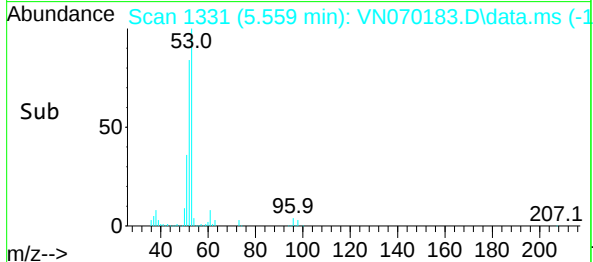
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 53 Resp: 65238
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 36.8 29.6 44.4

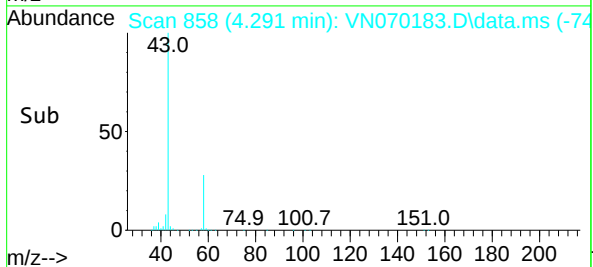
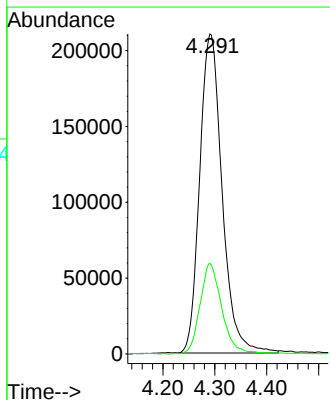
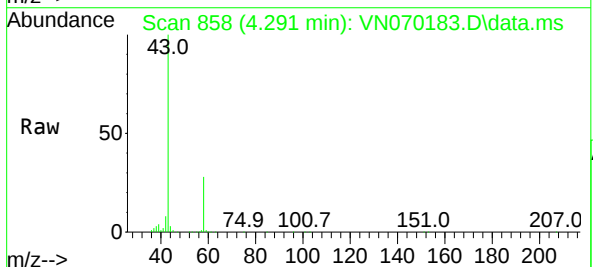
Manual Integrations
APPROVED

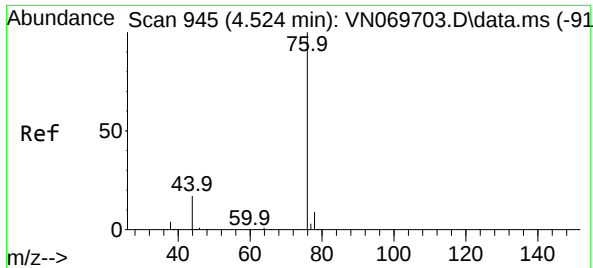
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 70.510 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion: 43 Resp: 631629
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7





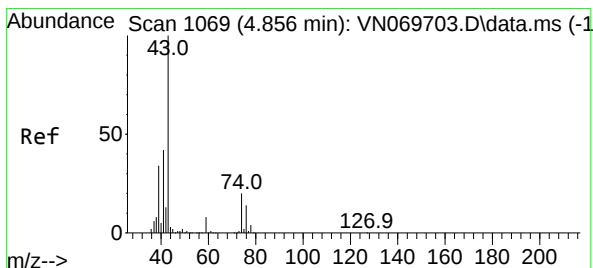
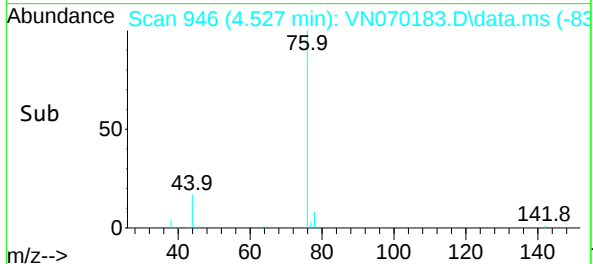
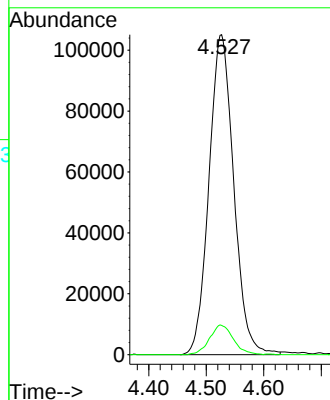
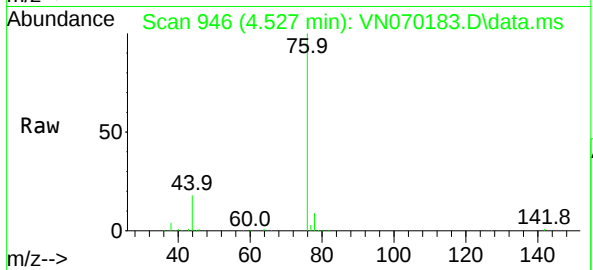
#17
Carbon Disulfide
Concen: 13.258 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

Tgt Ion: 76 Resp: 31468
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

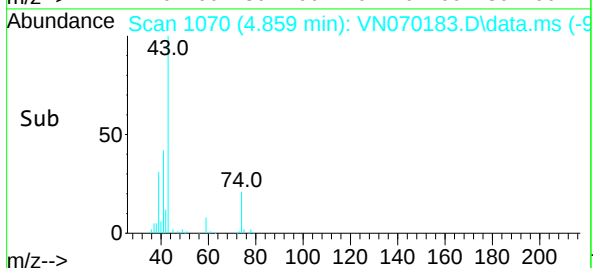
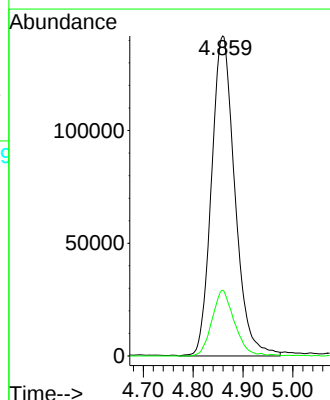
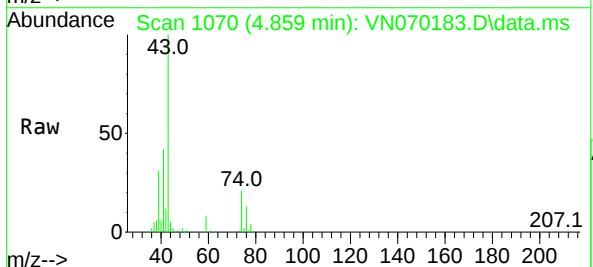
Manual Integrations
APPROVED

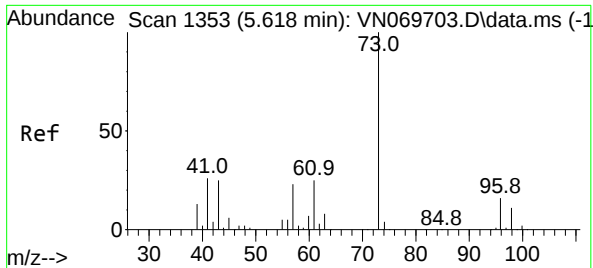
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 17.109 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

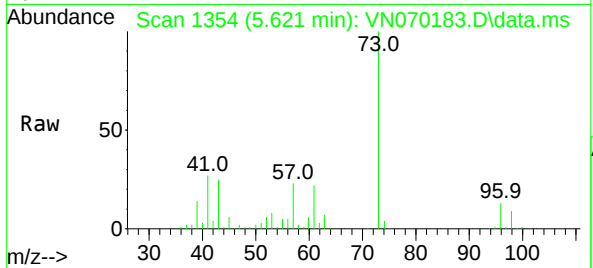
Tgt Ion: 43 Resp: 462622
Ion Ratio Lower Upper
43 100
74 19.4 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 17.886 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

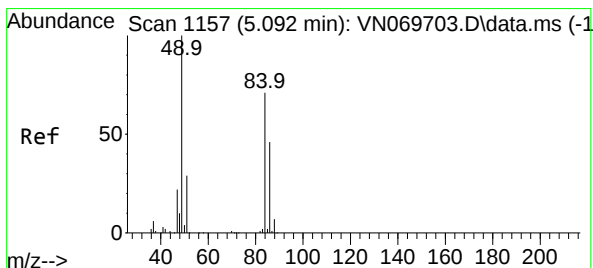
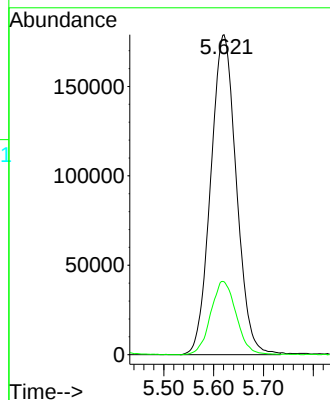
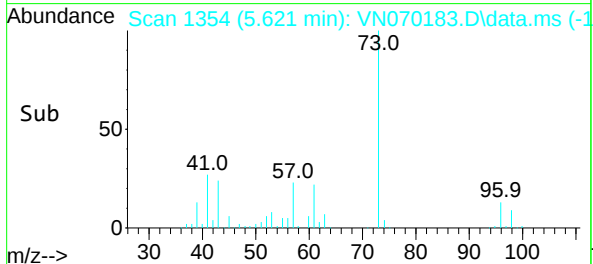
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 73 Resp: 638918
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

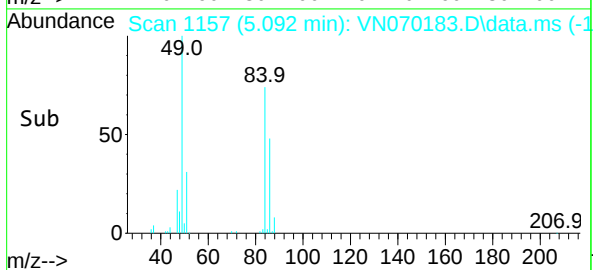
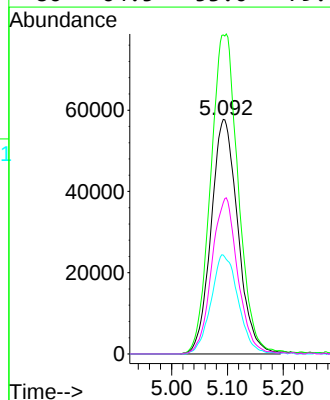
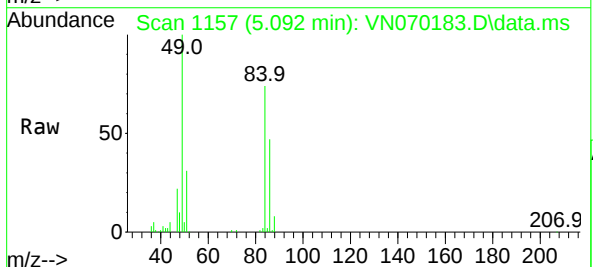
Manual Integrations
APPROVED

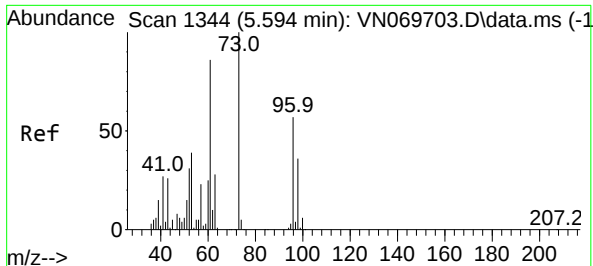
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 16.192 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

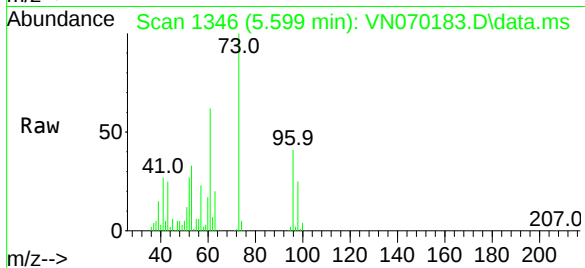
Tgt Ion: 84 Resp: 192825
Ion Ratio Lower Upper
84 100
49 136.0 93.5 140.3
51 42.1 29.4 44.2
86 64.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.575 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

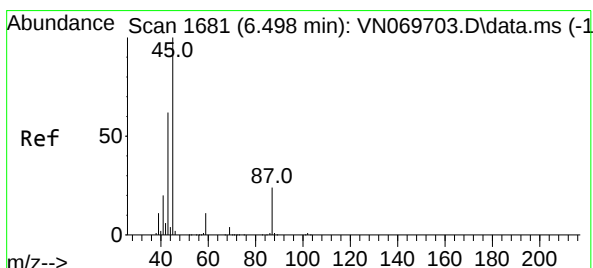
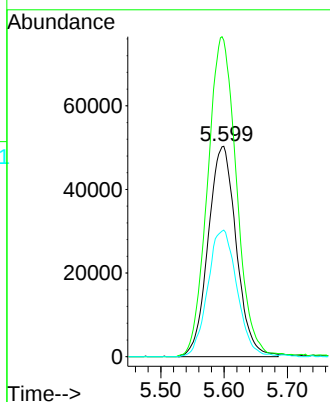
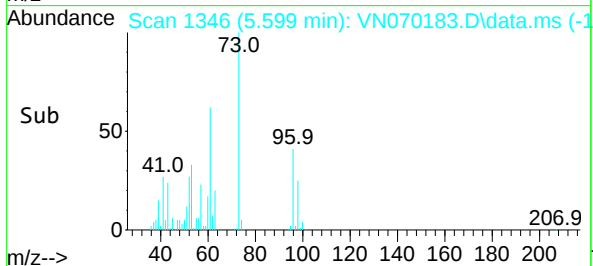
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 96 Resp: 15542
Ion Ratio Lower Upper
96 100
61 149.9 105.8 158.6
98 60.1 52.0 78.0

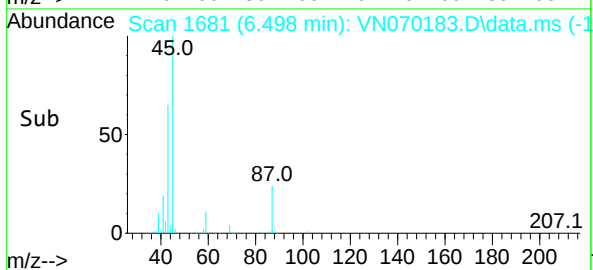
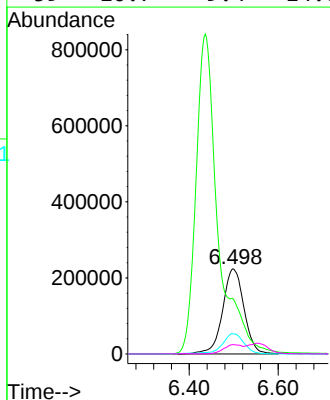
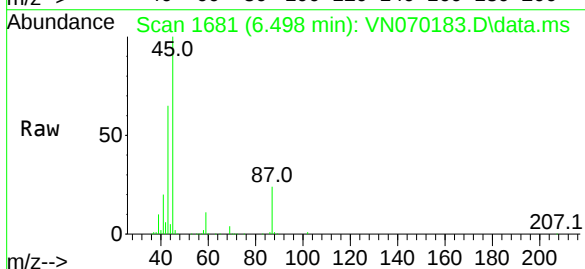
Manual Integrations
APPROVED

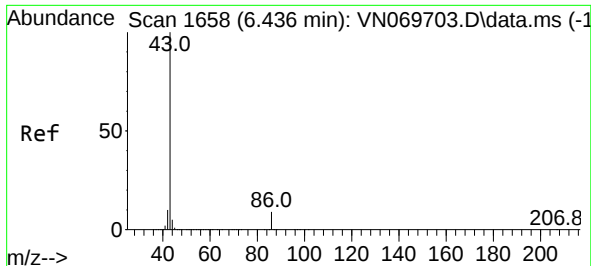
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#22
Diisopropyl ether
Concen: 18.467 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

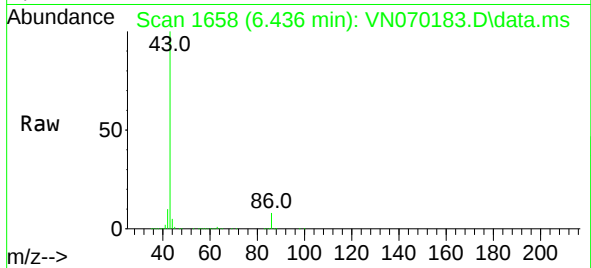
Tgt Ion: 45 Resp: 747233
Ion Ratio Lower Upper
45 100
43 63.4 51.7 77.5
87 23.6 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 87.717 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070183.D
 Acq: 18 Dec 2021 00:16

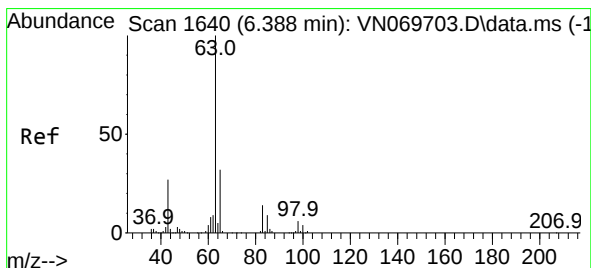
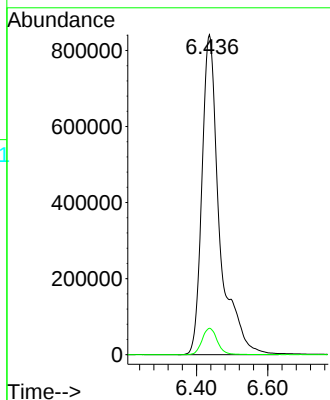
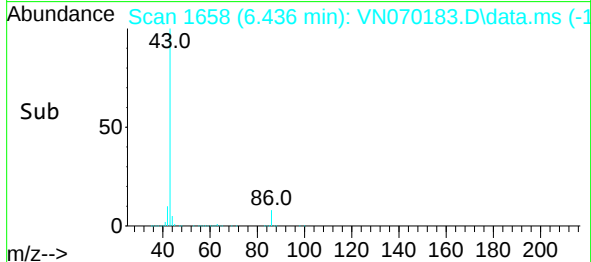
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03



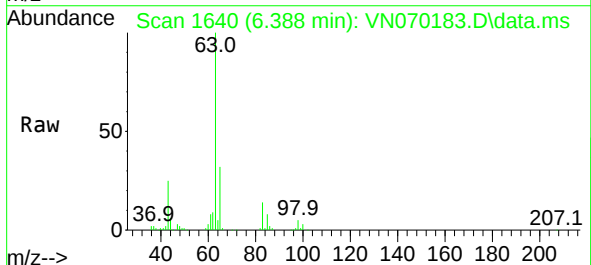
Tgt Ion: 43 Resp: 2887550
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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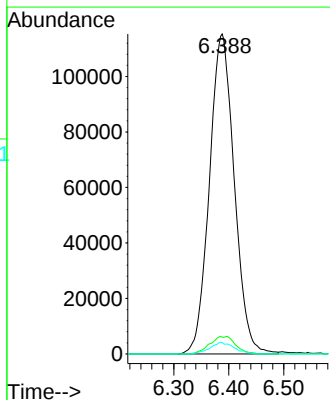
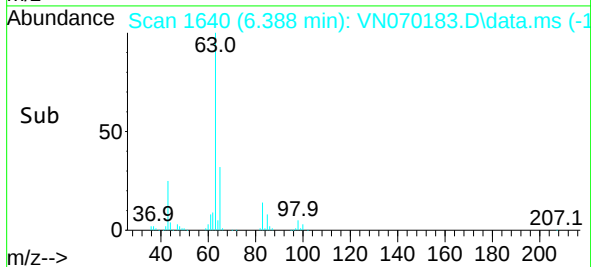
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021

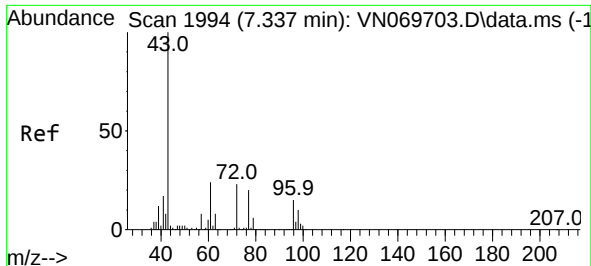


#24
 1,1-Dichloroethane
 Concen: 17.290 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070183.D
 Acq: 18 Dec 2021 00:16



Tgt Ion: 63 Resp: 362402
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 80.392 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion: 43 Resp: 978472

Ion Ratio Lower Upper

43 100

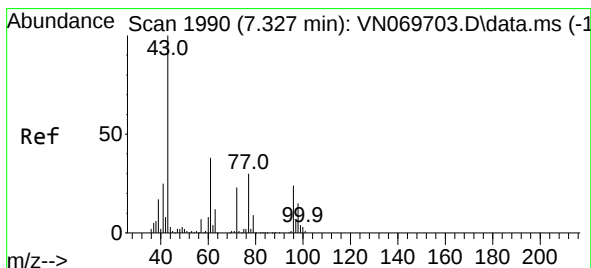
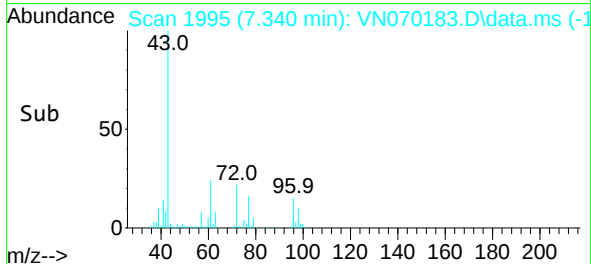
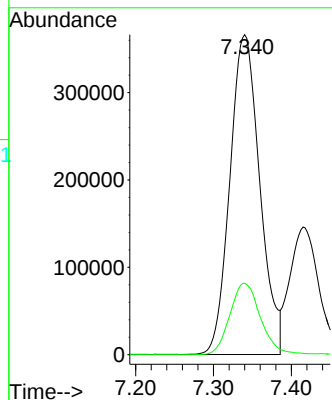
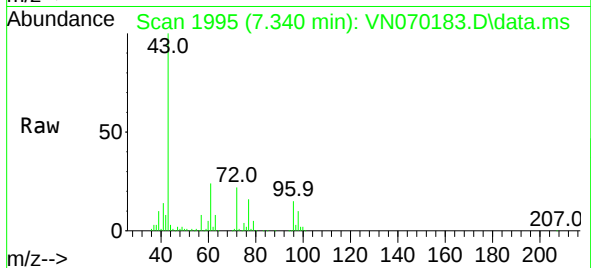
72 22.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 14.231 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070183.D

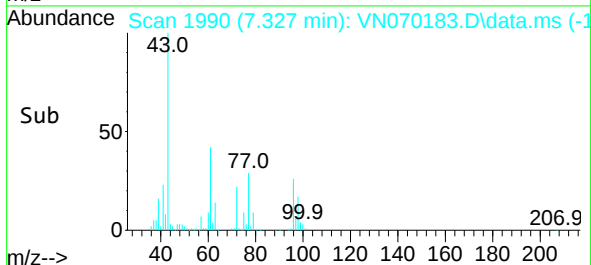
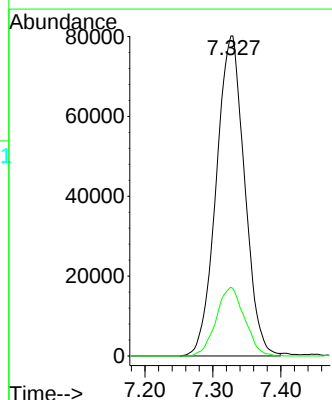
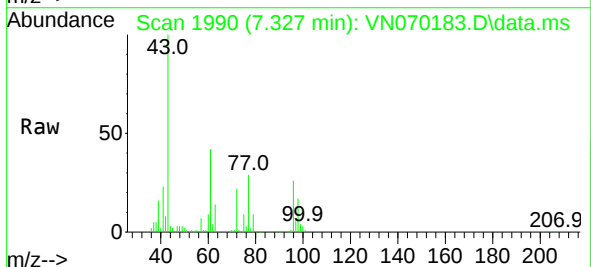
Acq: 18 Dec 2021 00:16

Tgt Ion: 77 Resp: 231926

Ion Ratio Lower Upper

77 100

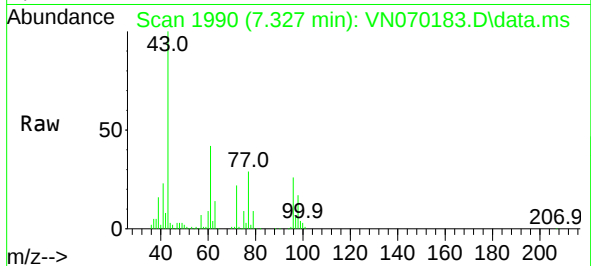
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 16.591 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070183.D
 Acq: 18 Dec 2021 00:16

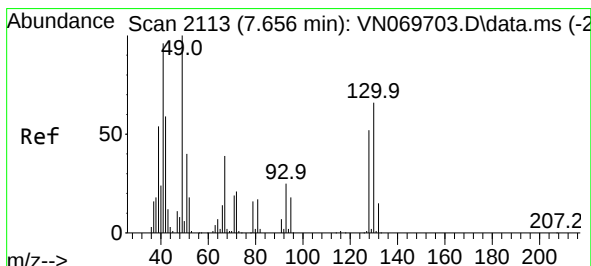
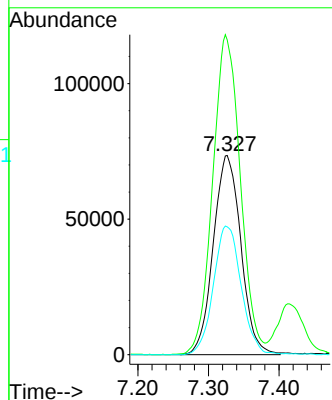
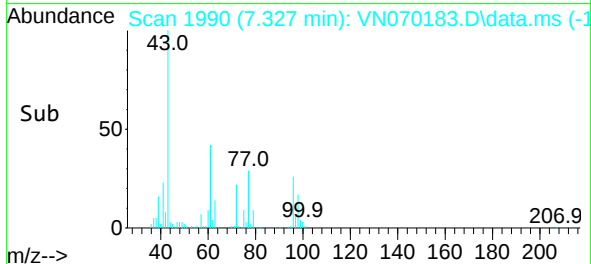
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03



Tgt Ion: 96 Resp: 20001
 Ion Ratio Lower Upper
 96 100
 61 160.4 0.0 275.0
 98 64.9 0.0 129.6

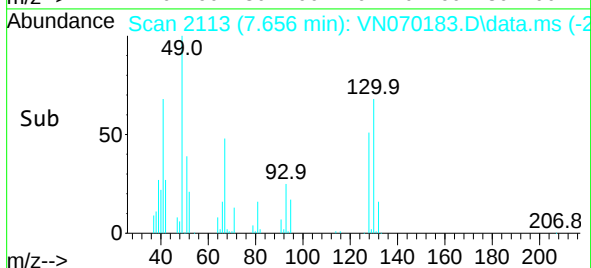
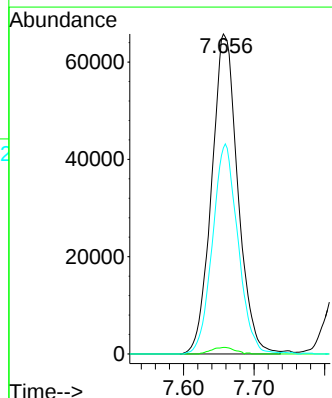
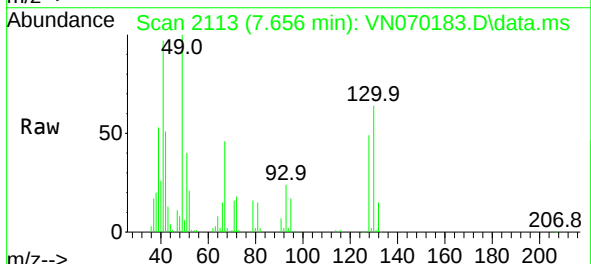
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#28
 Bromochloromethane
 Concen: 15.566 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070183.D
 Acq: 18 Dec 2021 00:16

Tgt Ion: 49 Resp: 169658
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 63.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 87.608 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.003 min

Lab File: VN070183.D

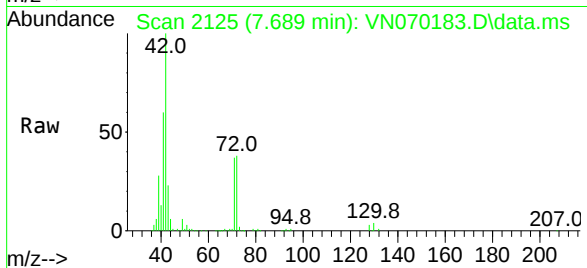
Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03



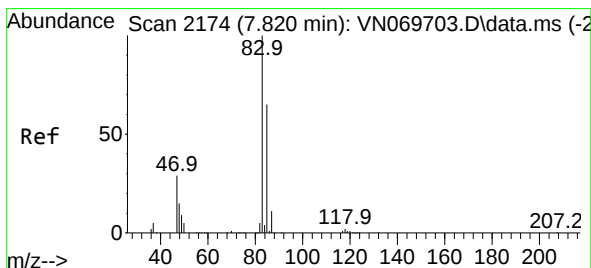
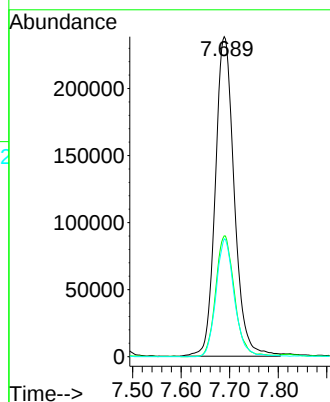
Tgt Ion:	42	Resp:	64748
Ion Ratio	100	Lower	Upper
42	100		
72	37.2	36.3	54.5
71	35.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 17.355 ug/l

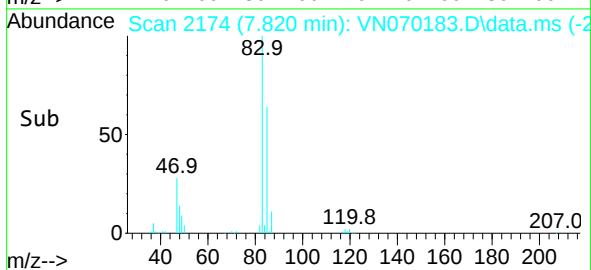
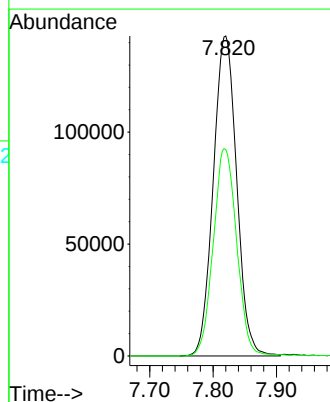
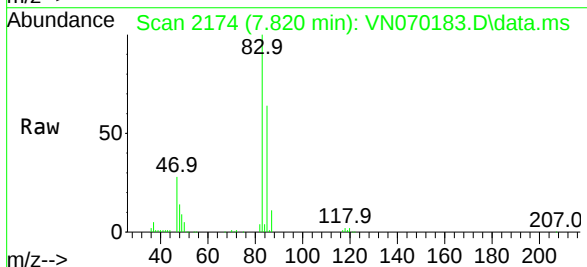
RT: 7.820 min Scan# 2174

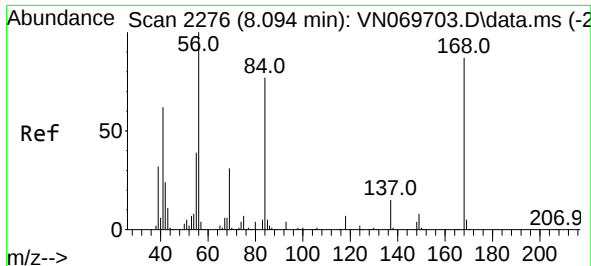
Delta R.T. 0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

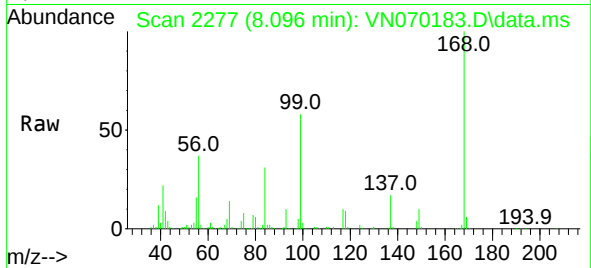
Tgt Ion:	83	Resp:	367378
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.9	77.9





#31
Cyclohexane
Concen: 15.844 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

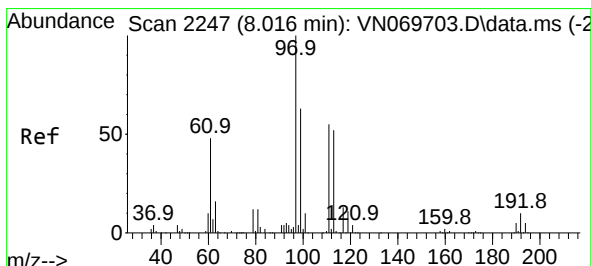
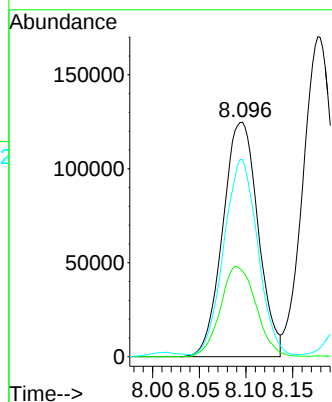
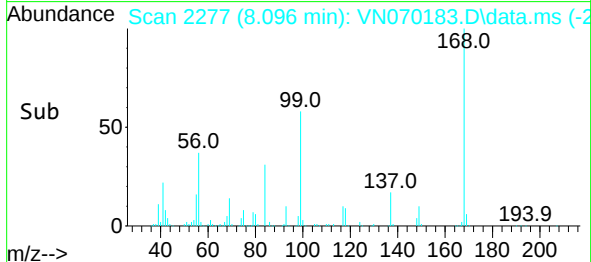
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



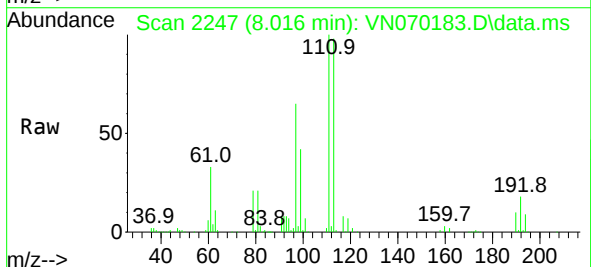
Tgt Ion: 56 Resp: 328350
Ion Ratio Lower Upper
56 100
69 36.4 27.1 40.7
84 82.9 73.4 110.0

Manual Integrations
APPROVED

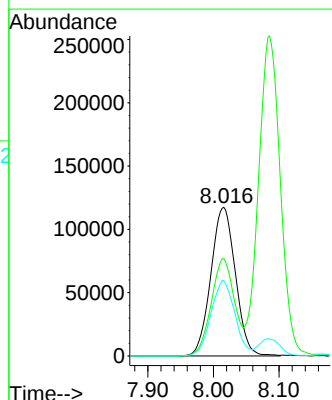
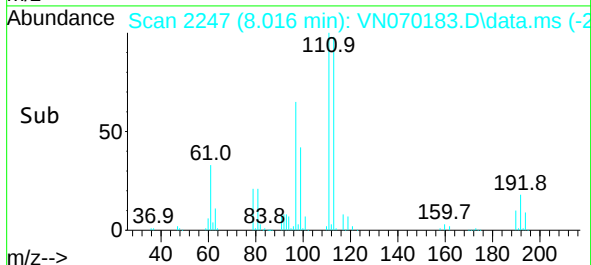
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#32
1,1,1-Trichloroethane
Concen: 16.949 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



Tgt Ion: 97 Resp: 305613
Ion Ratio Lower Upper
97 100
99 61.8 50.1 75.1
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.081 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion: 65 Resp: 68621

Ion Ratio Lower Upper

65 100

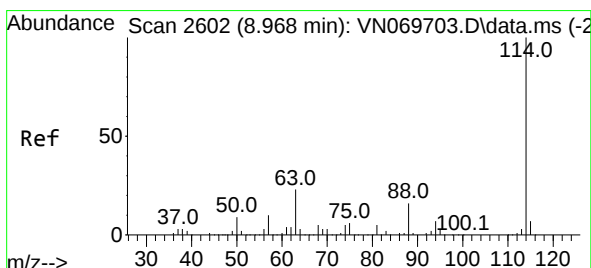
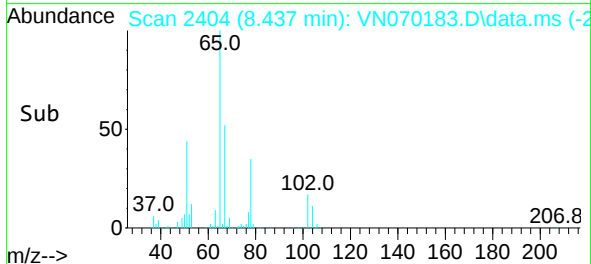
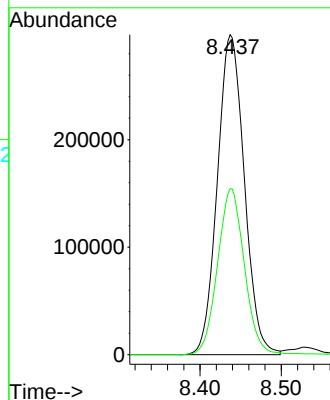
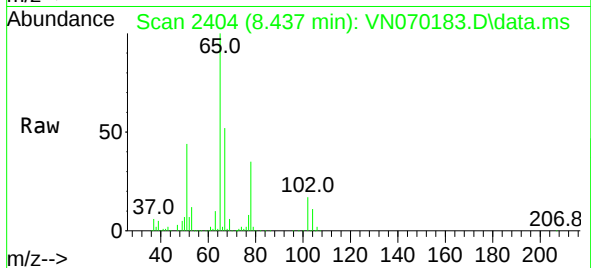
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

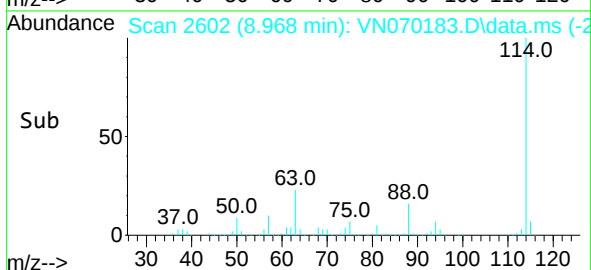
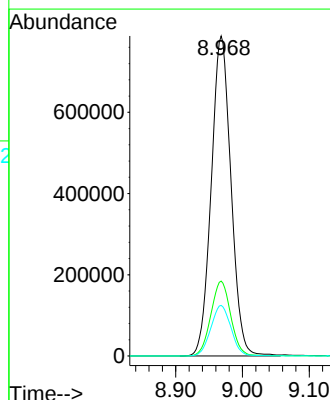
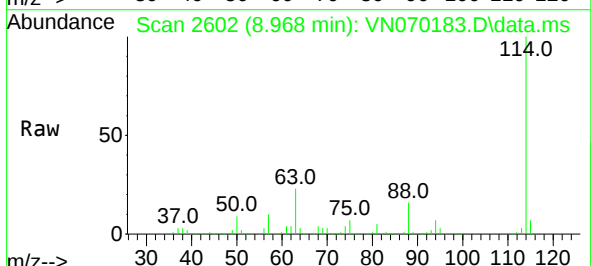
Tgt Ion:114 Resp: 1616009

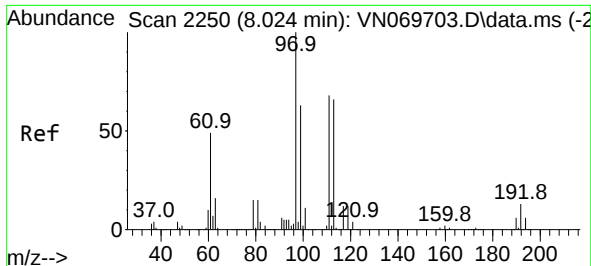
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 15.8 0.0 27.4





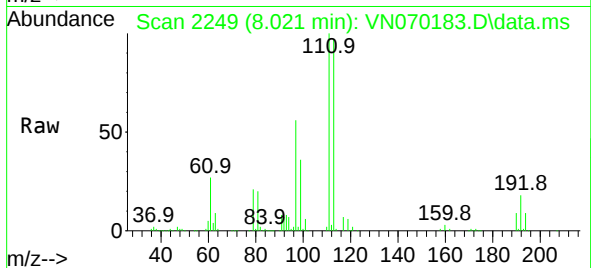
#35
Dibromofluoromethane
Concen: 46.261 ug/l
RT: 8.021 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

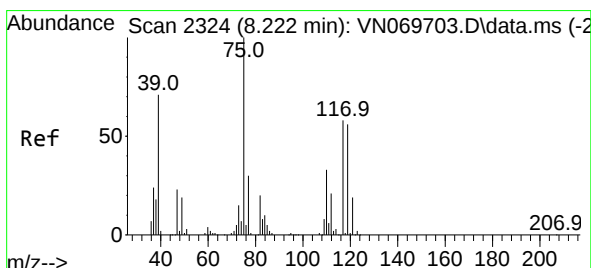
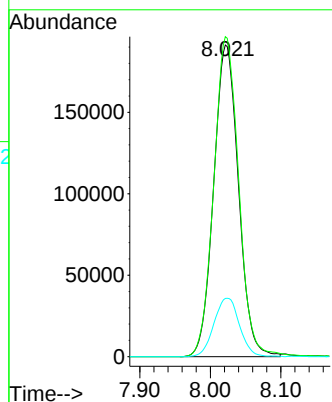
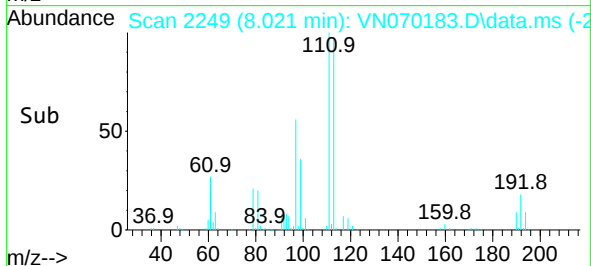


Tgt Ion:113 Resp: 468269
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations

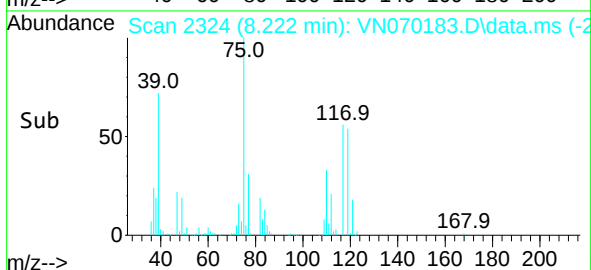
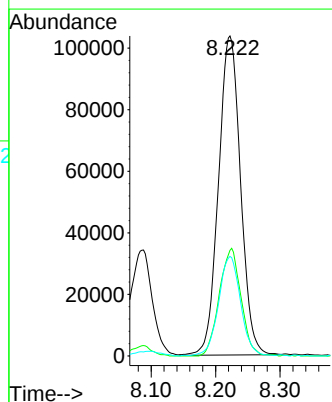
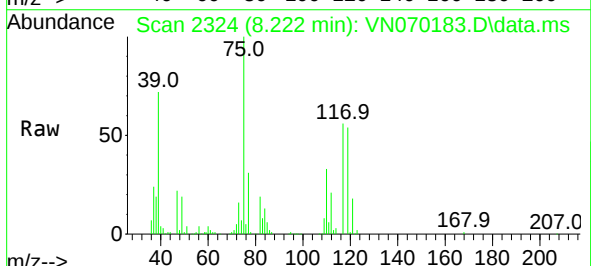
APPROVED

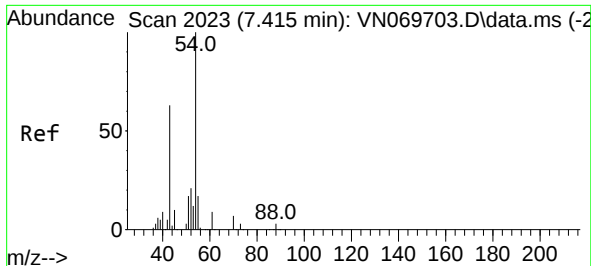
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#36
1,1-Dichloropropene
Concen: 16.034 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion: 75 Resp: 246671
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 16.741 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion: 43 Resp: 383330

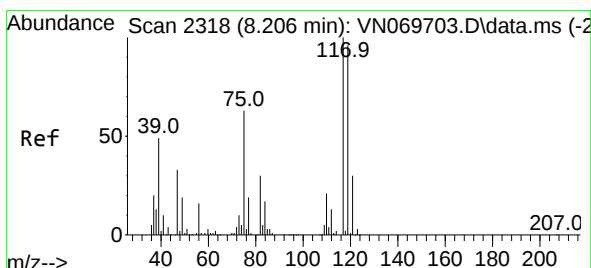
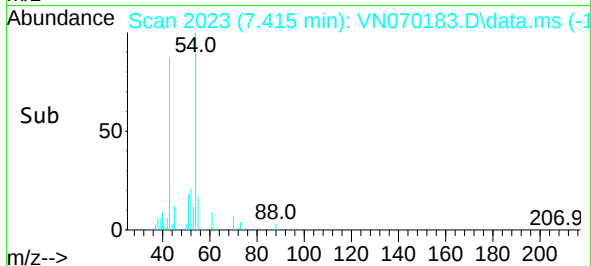
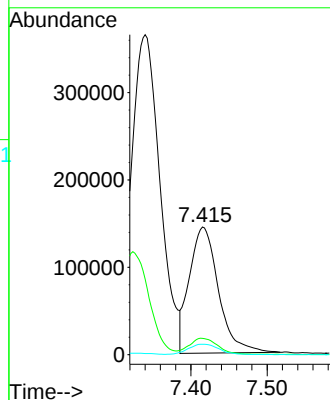
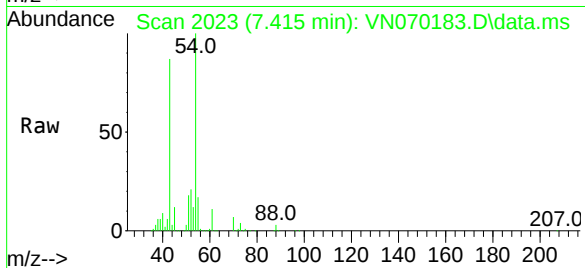
Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.5	17.3
70	8.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#38

Carbon Tetrachloride

Concen: 15.850 ug/l

RT: 8.206 min Scan# 2318

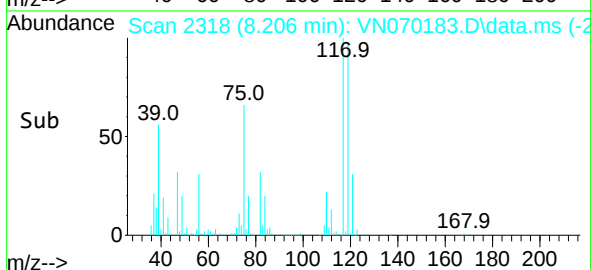
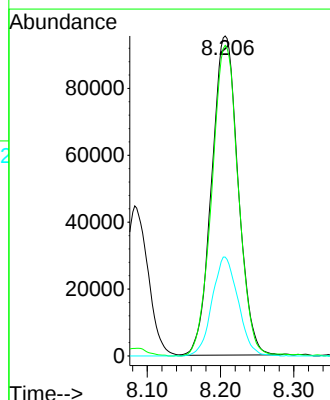
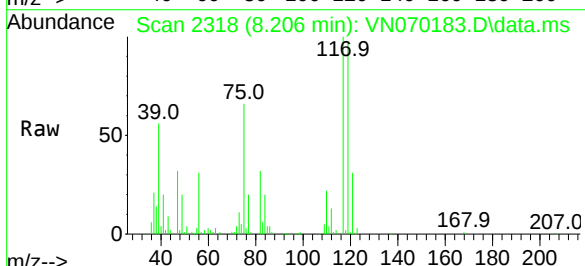
Delta R.T. 0.000 min

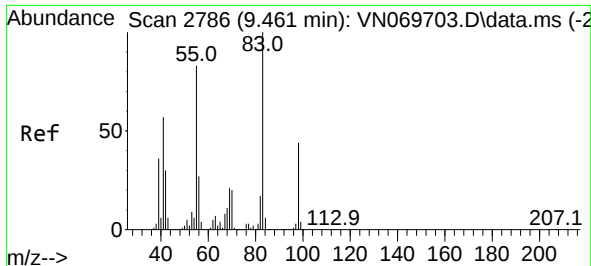
Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Tgt Ion:117 Resp: 239106

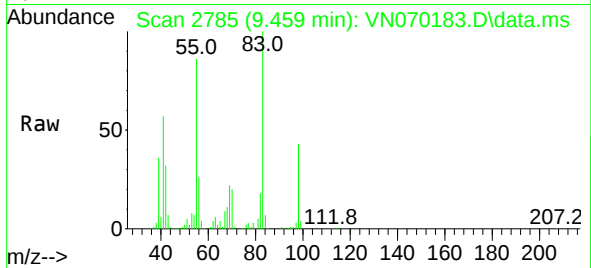
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.1	114.1
121	31.0	24.2	36.2





#39
Methylcyclohexane
Concen: 14.736 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

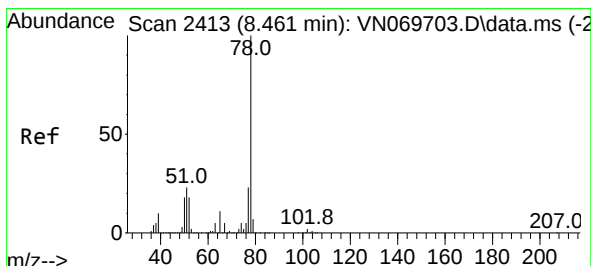
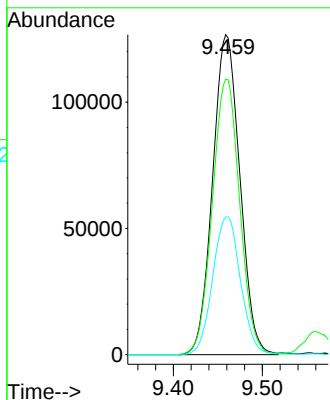
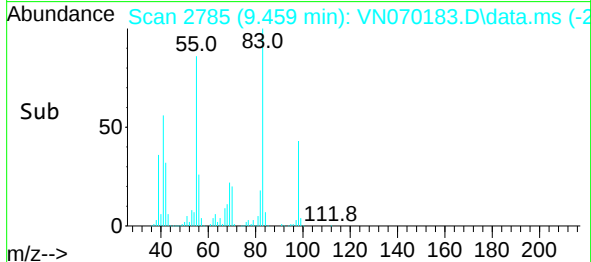
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



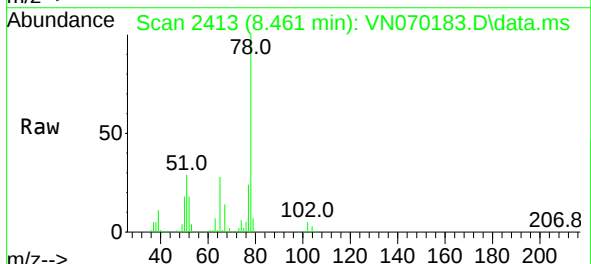
Tgt Ion: 83 Resp: 269658
Ion Ratio Lower Upper
83 100
55 86.1 58.1 87.1
98 43.0 38.4 57.6

Manual Integrations
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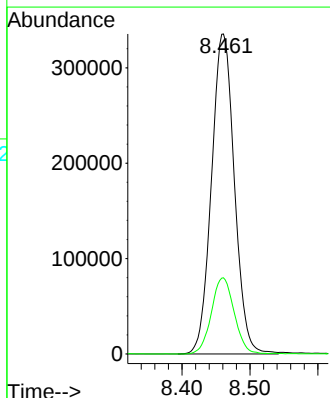
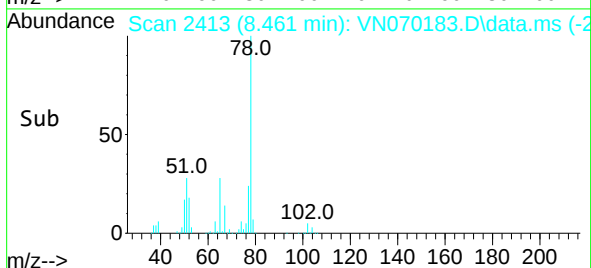
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

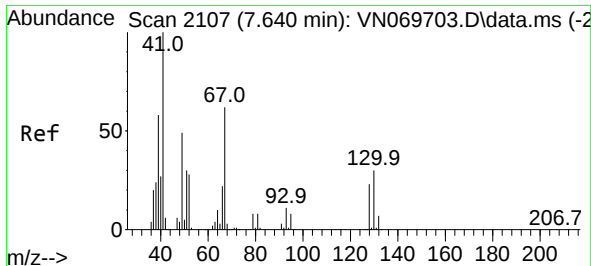


#40
Benzene
Concen: 16.695 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



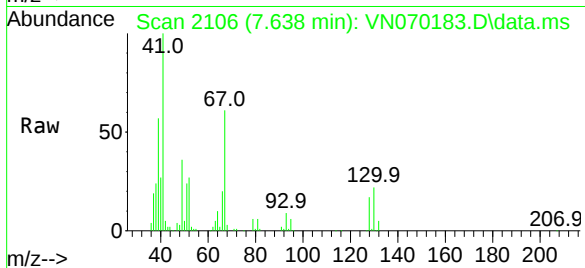
Tgt Ion: 78 Resp: 785058
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 17.670 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

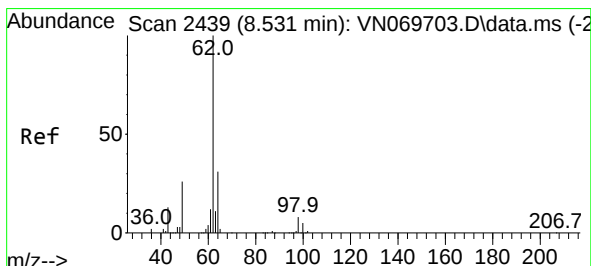
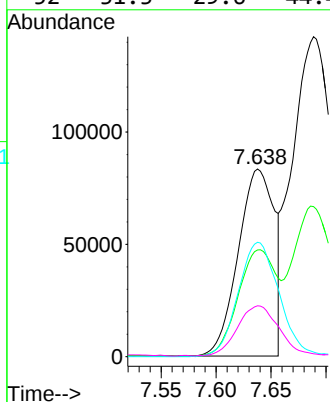
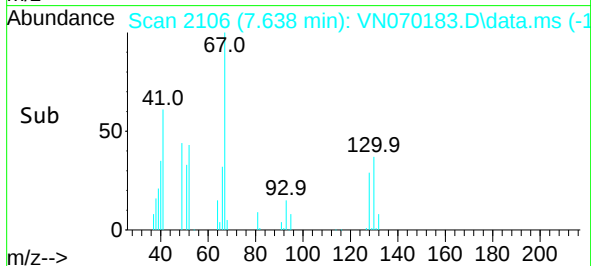
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



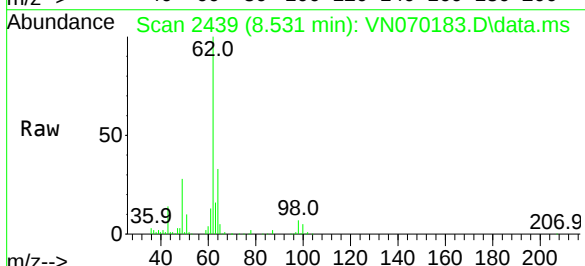
Tgt Ion: 41 Resp: 189928
Ion Ratio Lower Upper
41 100
39 60.1 48.1 72.1
67 70.1 68.3 102.5
52 31.3 29.6 44.4

Manual Integrations
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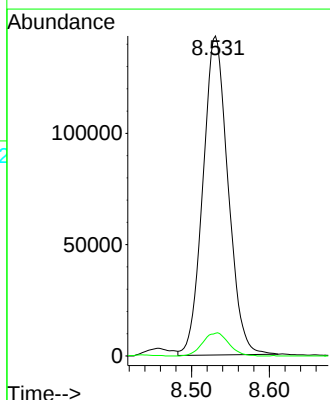
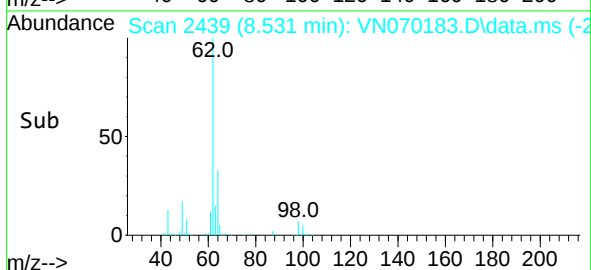
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

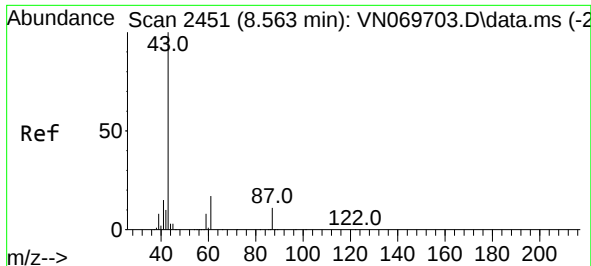


#42
1,2-Dichloroethane
Concen: 16.924 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



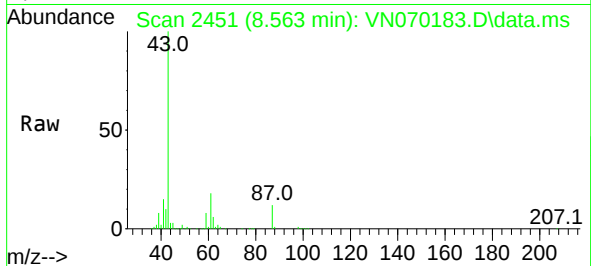
Tgt Ion: 62 Resp: 321261
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.339 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

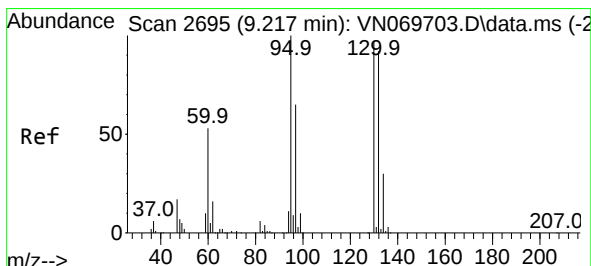
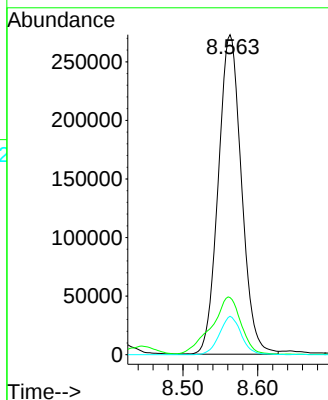
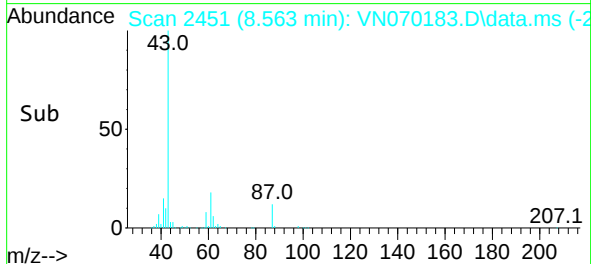
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 43 Resp: 587500
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.3 11.2 16.8

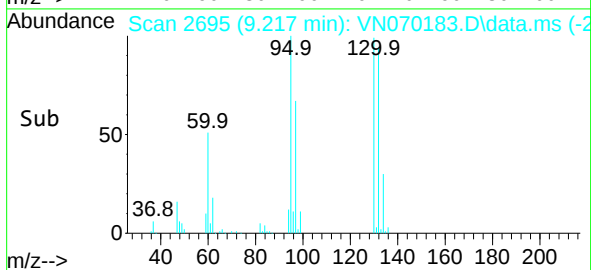
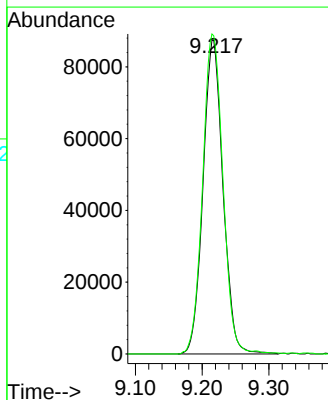
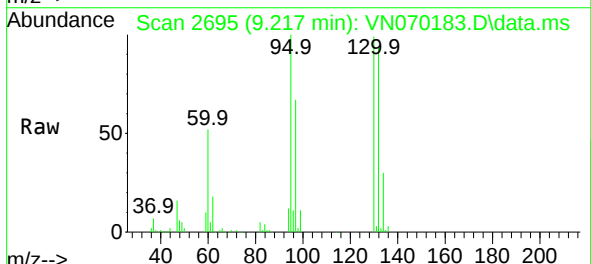
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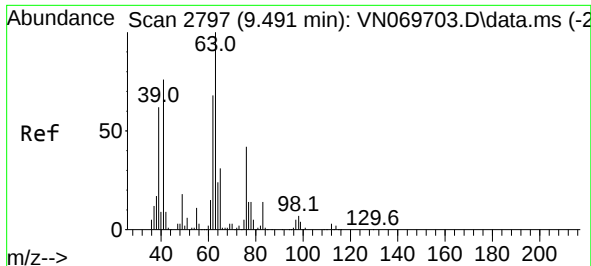
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 16.156 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion:130 Resp: 181326
Ion Ratio Lower Upper
130 100
95 101.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.180 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion: 63 Resp: 21694

Ion Ratio Lower Upper

63 100

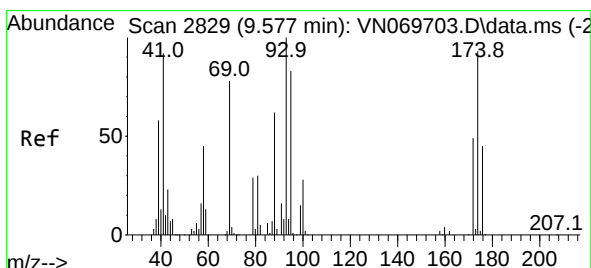
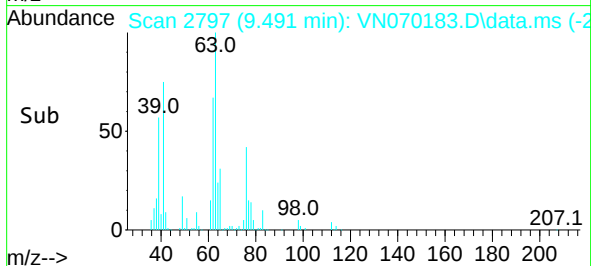
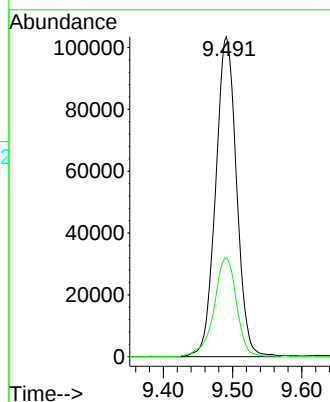
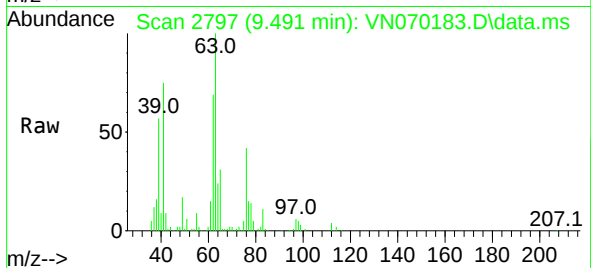
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 16.803 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

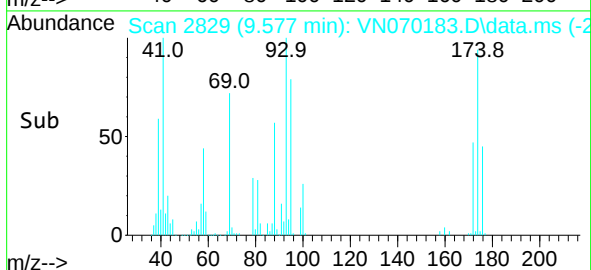
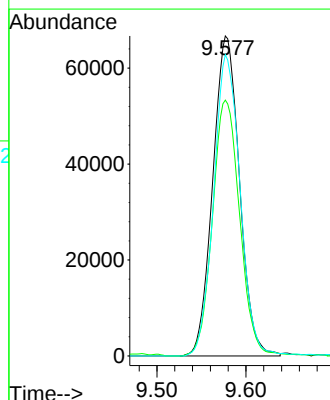
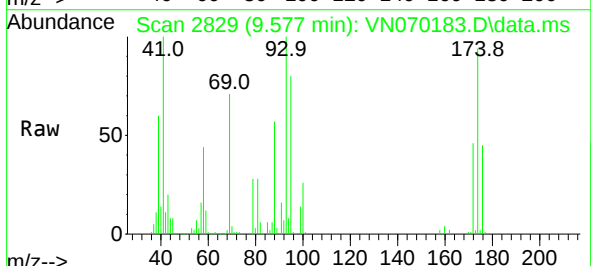
Tgt Ion: 93 Resp: 139155

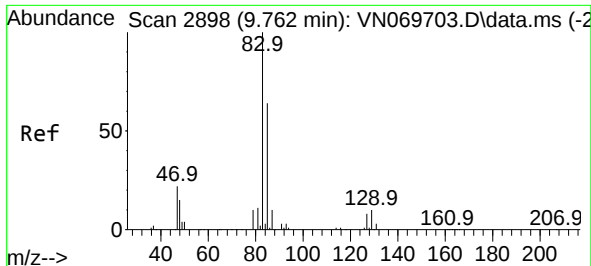
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

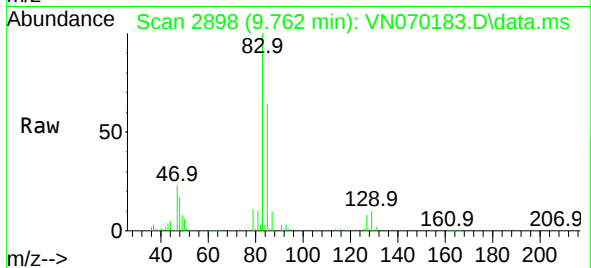
174 92.9 84.6 127.0





#47
Bromodichloromethane
Concen: 17.210 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

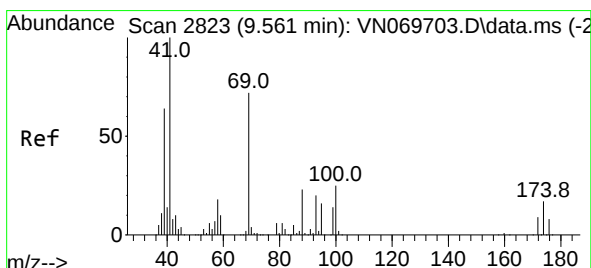
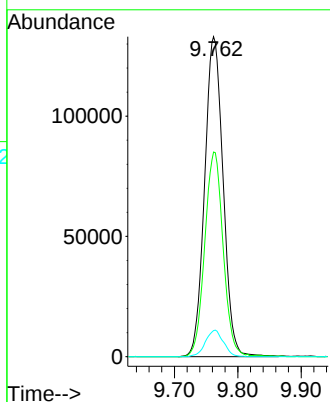
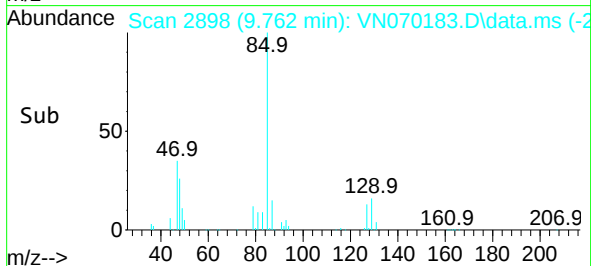
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 83 Resp: 26984
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.1 7.1 10.7

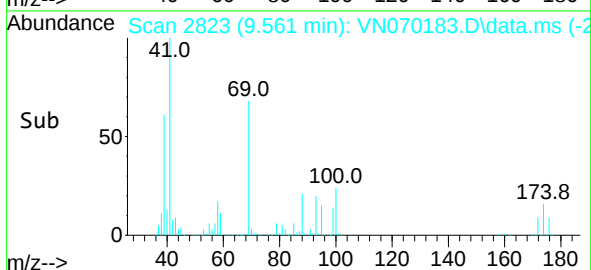
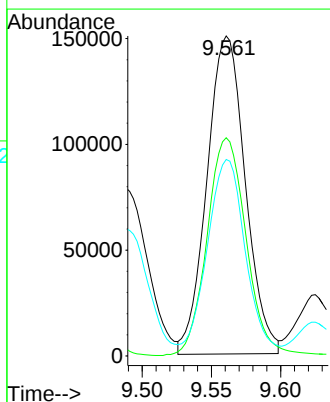
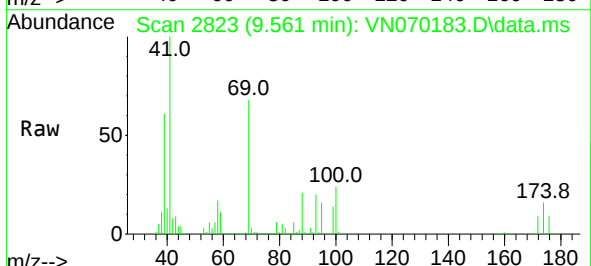
Manual Integrations
APPROVED

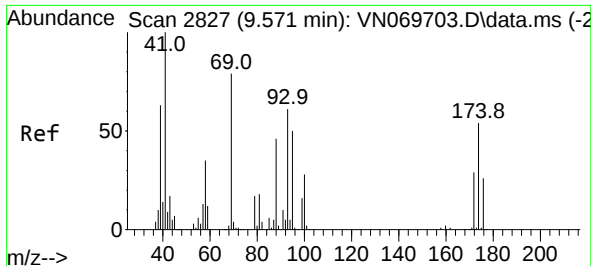
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 18.338 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion: 41 Resp: 289976
Ion Ratio Lower Upper
41 100
69 69.8 72.4 108.6
39 60.9 58.4 87.6





#49

1,4-Dioxane

Concen: 323.033 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion: 88 Resp: 91654

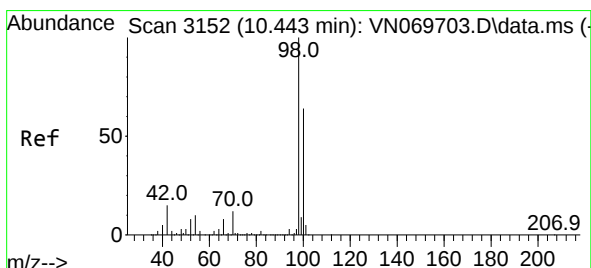
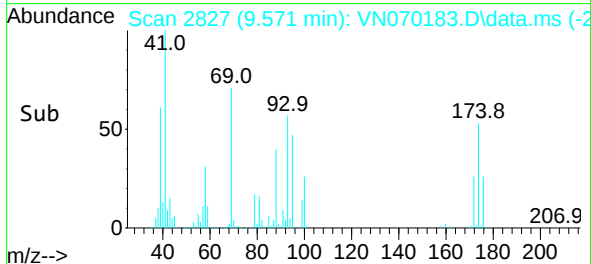
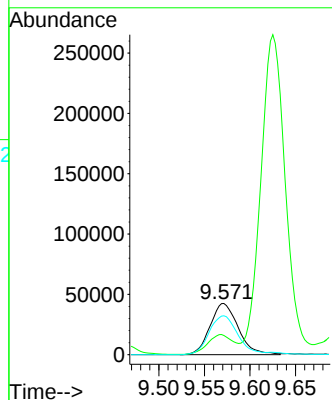
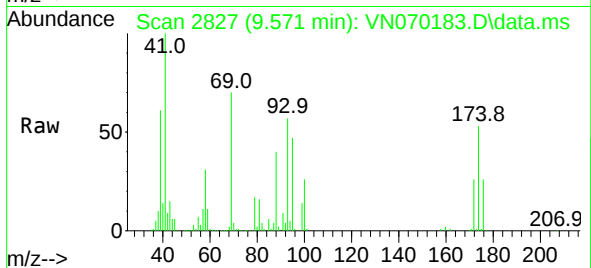
Ion	Ratio	Lower	Upper
88	100		
43	34.8	23.4	35.2
58	76.9	50.6	75.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 44.553 ug/l

RT: 10.440 min Scan# 3151

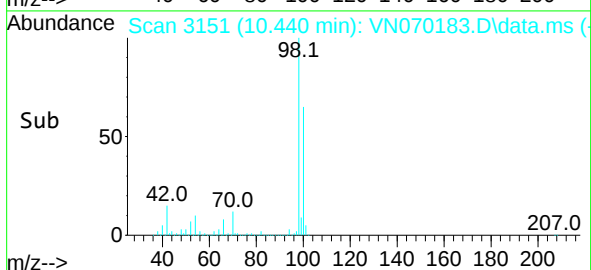
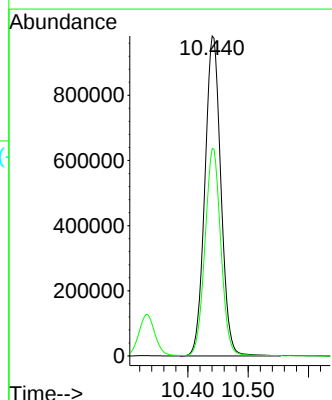
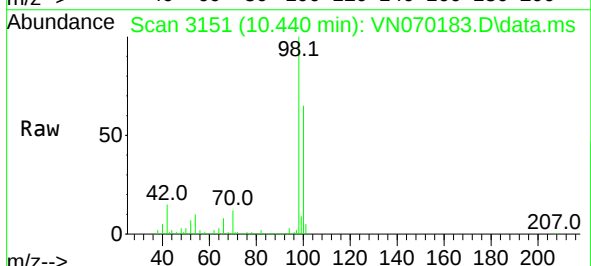
Delta R.T. -0.003 min

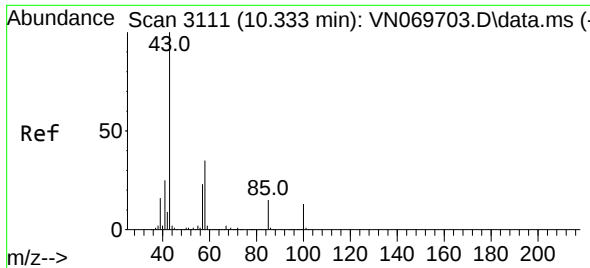
Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Tgt Ion: 98 Resp: 1810846

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.4	75.6





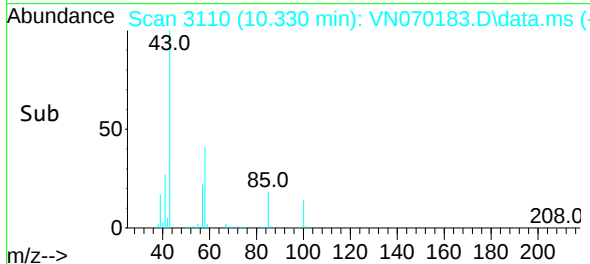
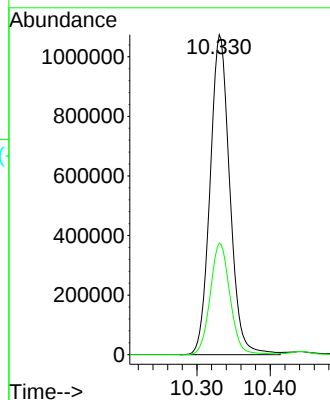
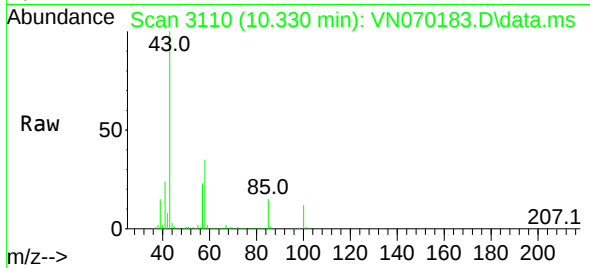
#51
4-Methyl-2-Pentanone
Concen: 91.103 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

Tgt Ion: 43 Resp: 200256
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

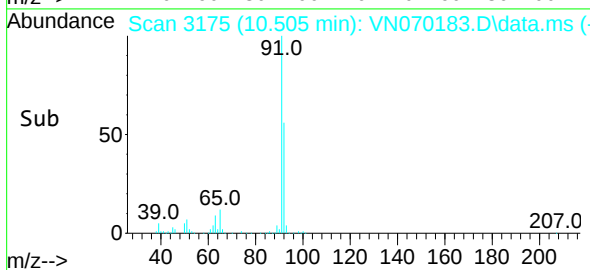
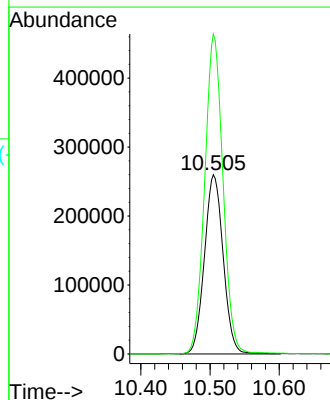
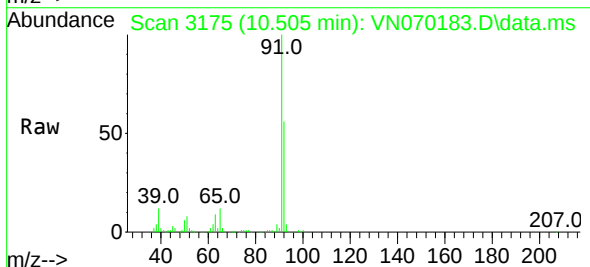
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 17.030 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

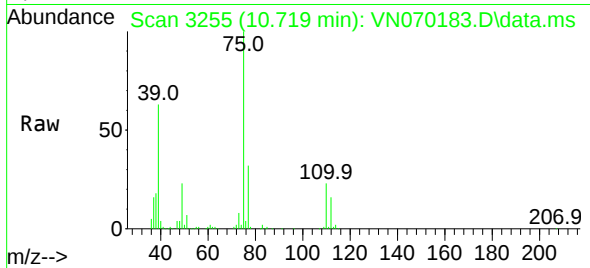
Tgt Ion: 92 Resp: 488897
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 16.390 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

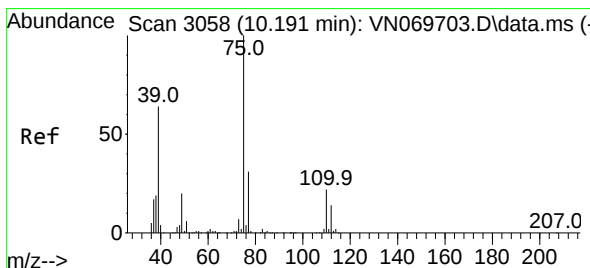
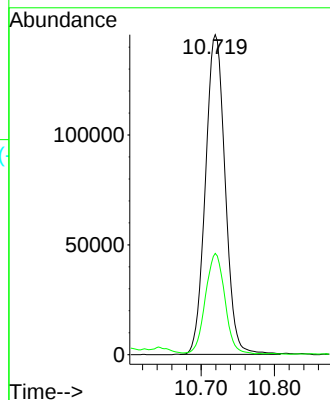
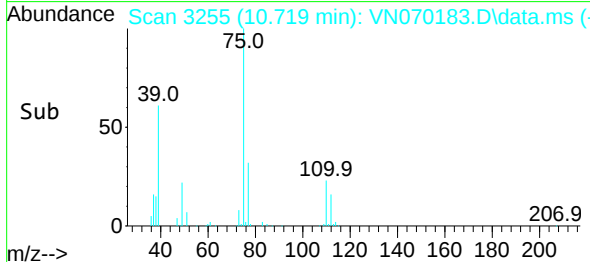
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



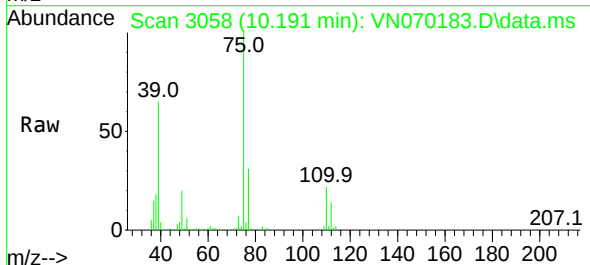
Tgt Ion: 75 Resp: 271610
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

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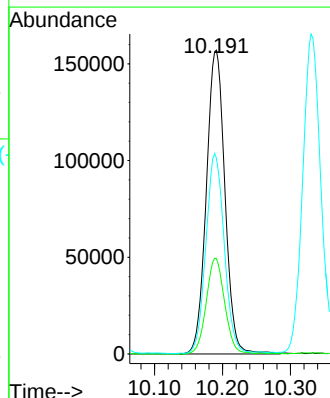
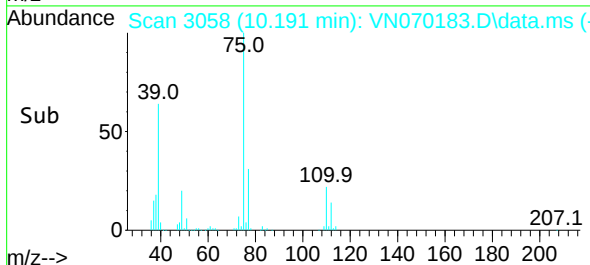
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

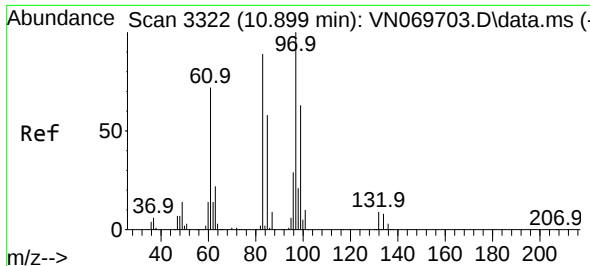


#54
cis-1,3-Dichloropropene
Concen: 16.499 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



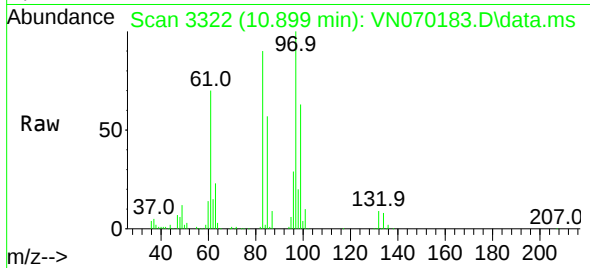
Tgt Ion: 75 Resp: 298975
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 64.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 17.313 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

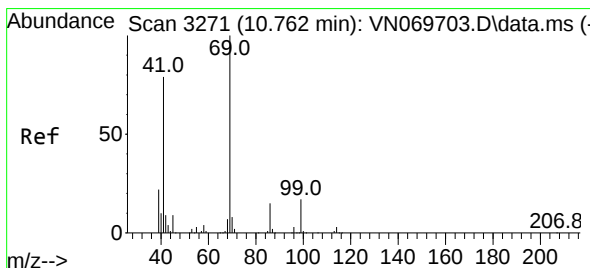
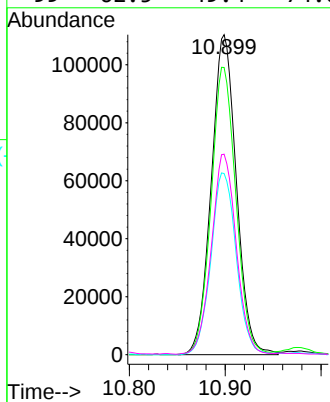
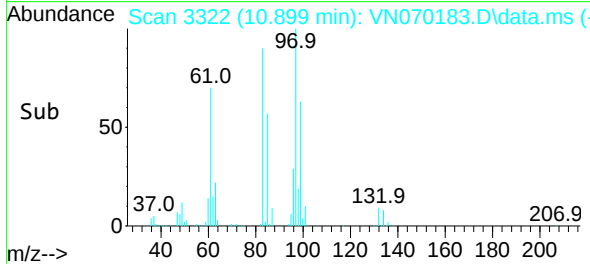


Tgt Ion: 97 Resp: 200534

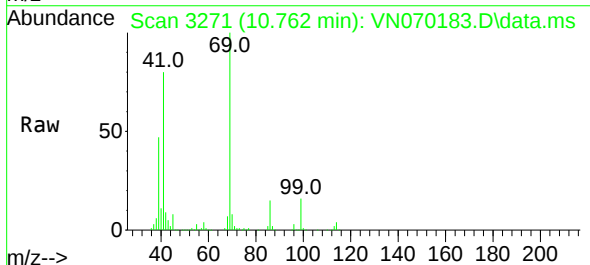
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.8	101.6
85	56.6	45.4	68.2
99	62.5	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

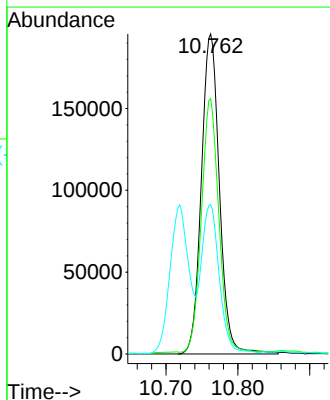
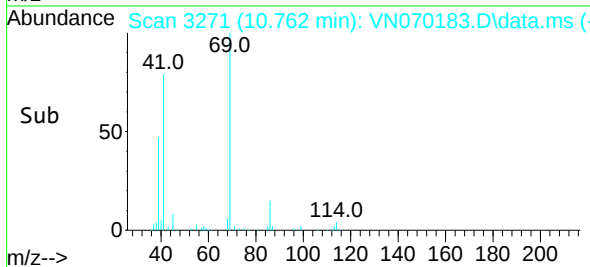


#56
Ethyl methacrylate
Concen: 17.243 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



Tgt Ion: 69 Resp: 342652

Ion	Ratio	Lower	Upper
69	100		
41	76.3	51.4	77.0
39	46.0	34.6	52.0





#57

1,3-Dichloropropane

Concen: 17.274 ug/l

RT: 11.044 min Scan# 3377

Delta R.T. -0.003 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion: 76 Resp: 352302

Ion Ratio Lower Upper

76 100

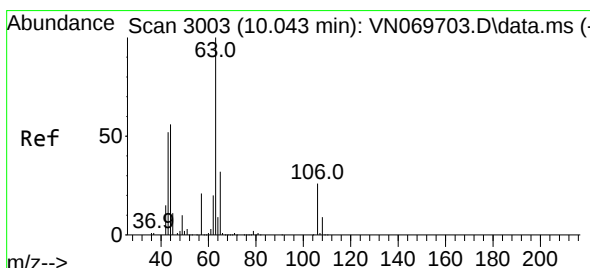
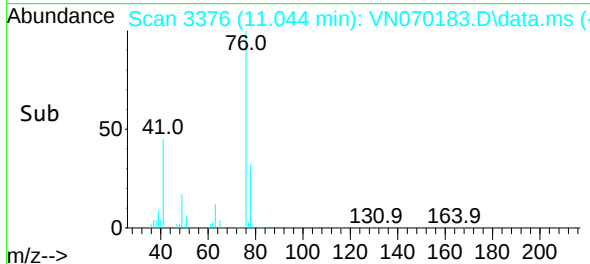
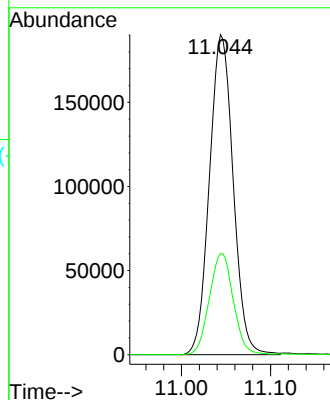
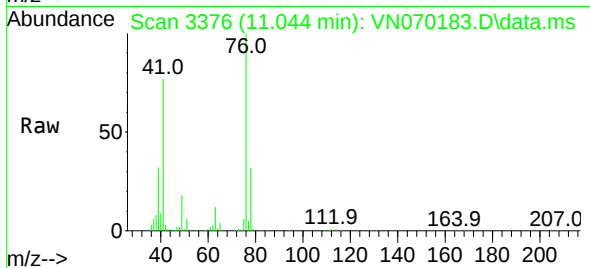
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 100.212 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN070183.D

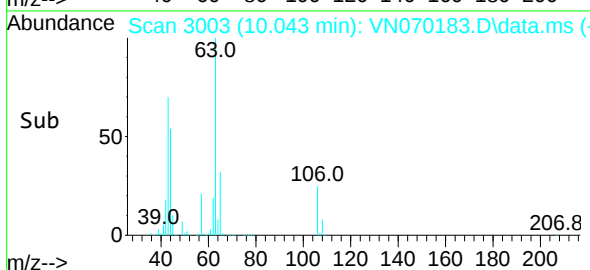
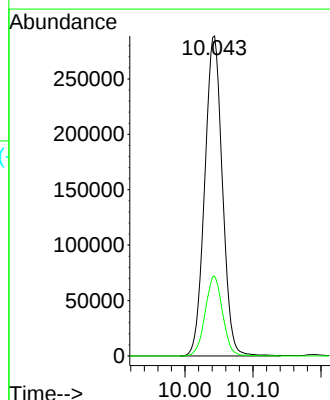
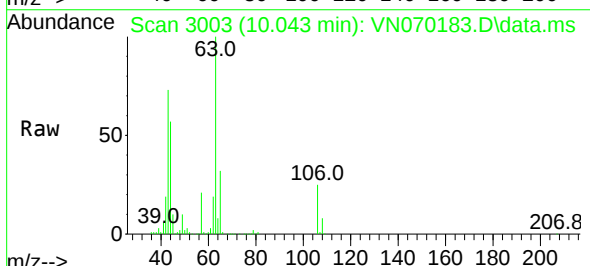
Acq: 18 Dec 2021 00:16

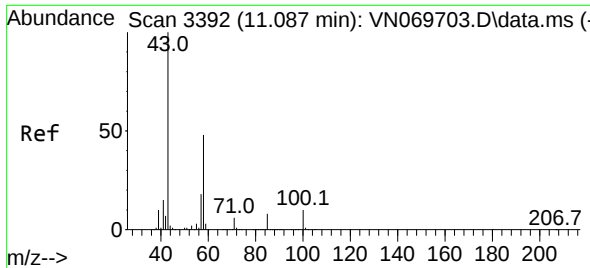
Tgt Ion: 63 Resp: 521265

Ion Ratio Lower Upper

63 100

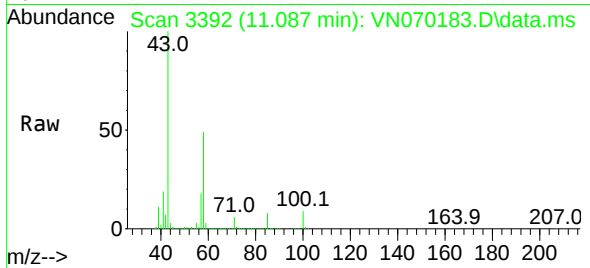
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 86.316 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

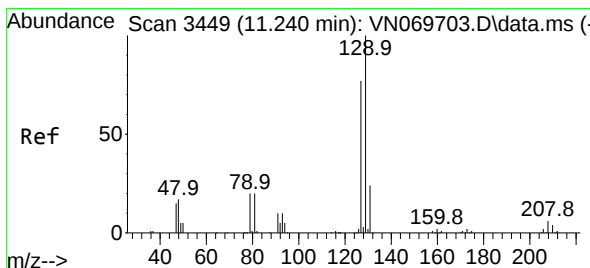
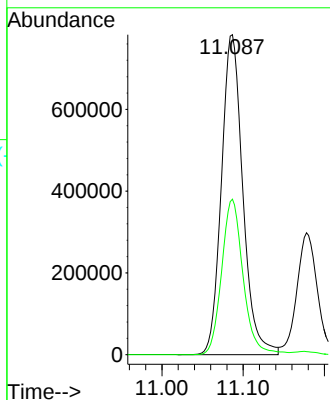
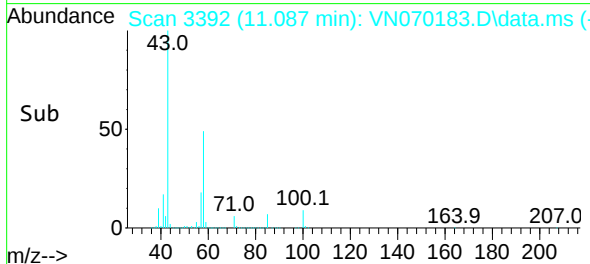
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 43 Resp: 1435278
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

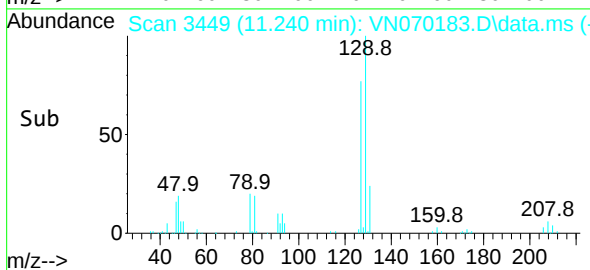
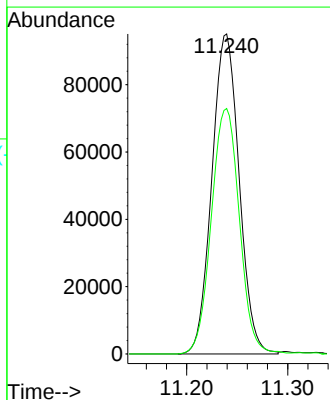
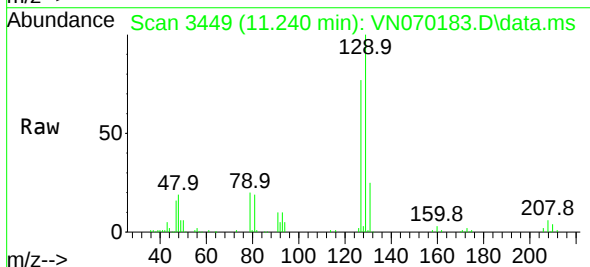
Manual Integrations
APPROVED

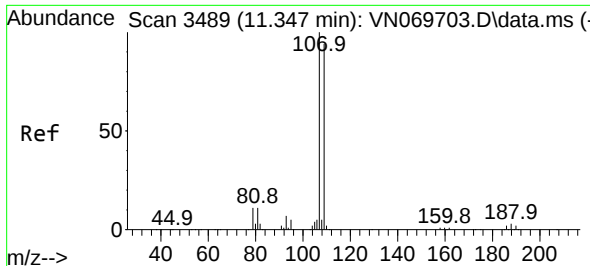
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 16.065 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

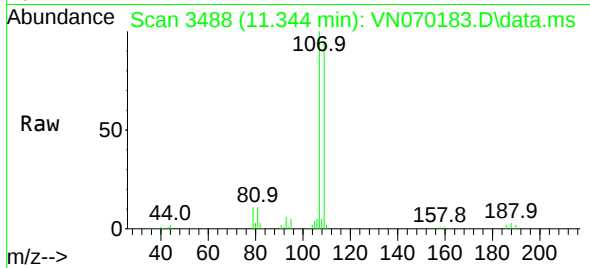
Tgt Ion:129 Resp: 178368
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.699 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

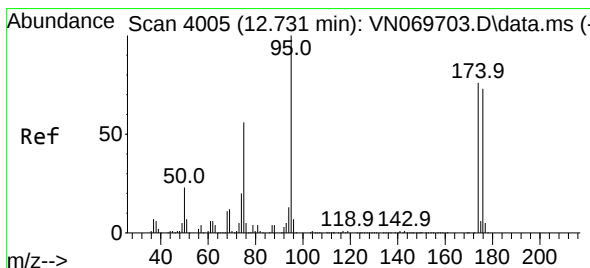
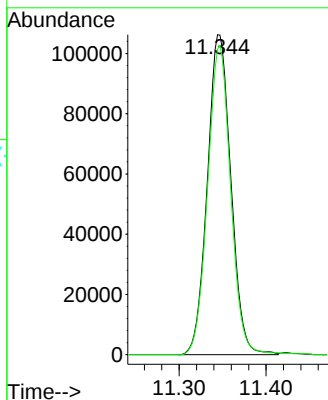
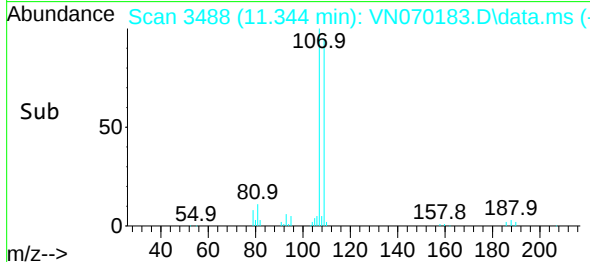
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



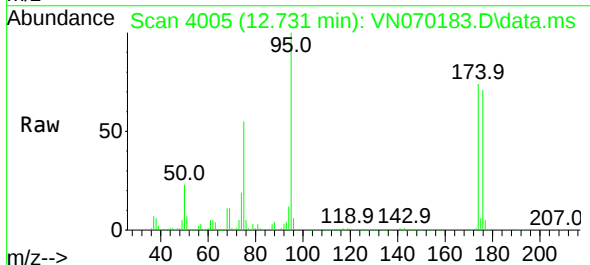
Tgt Ion:107 Resp: 200350
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

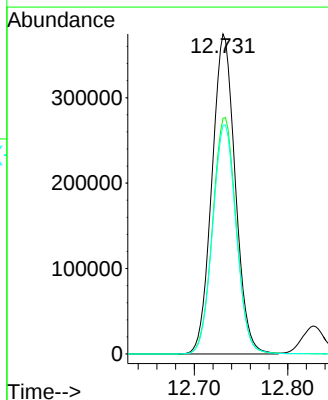
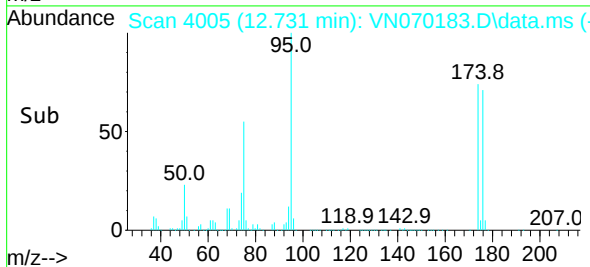
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

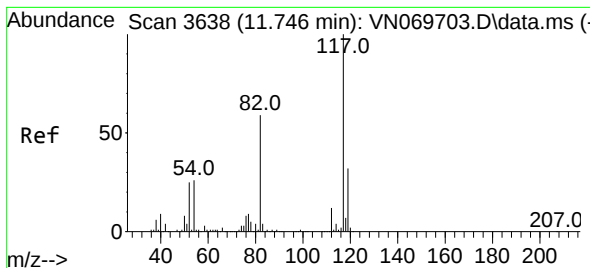


#62
4-Bromofluorobenzene
Concen: 44.065 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



Tgt Ion: 95 Resp: 648842
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.6 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: VN070183.D

Acq: 18 Dec 2021 00:16

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD03

Tgt Ion:117 Resp: 1473720

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

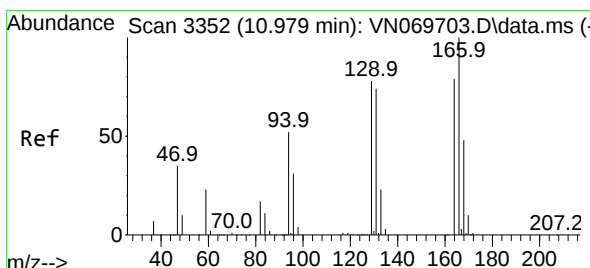
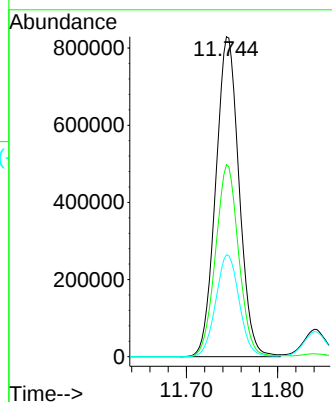
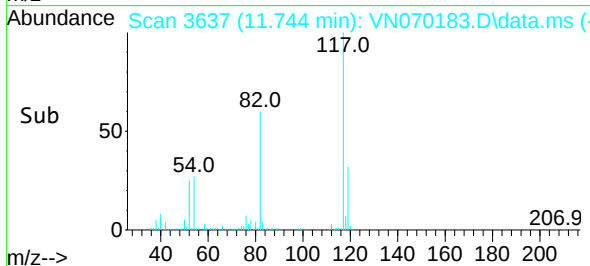
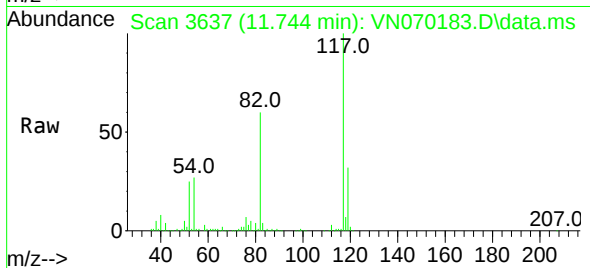
119 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#64

Tetrachloroethene

Concen: 16.968 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070183.D

Acq: 18 Dec 2021 00:16

Tgt Ion:164 Resp: 169562

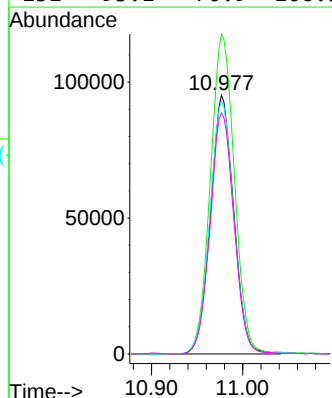
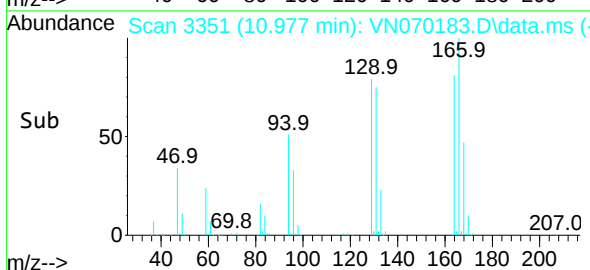
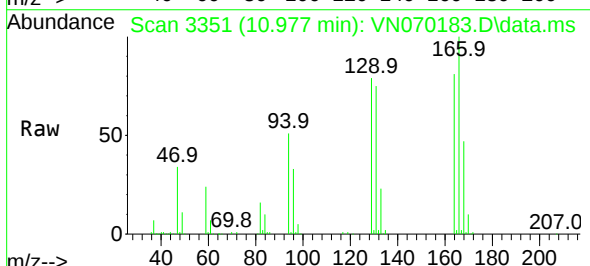
Ion Ratio Lower Upper

164 100

166 123.6 101.9 152.9

129 97.6 72.0 108.0

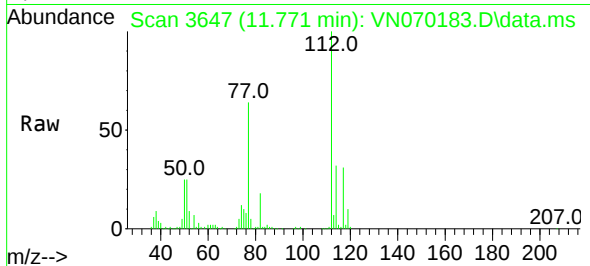
131 93.1 70.9 106.3





#65
Chlorobenzene
Concen: 16.870 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

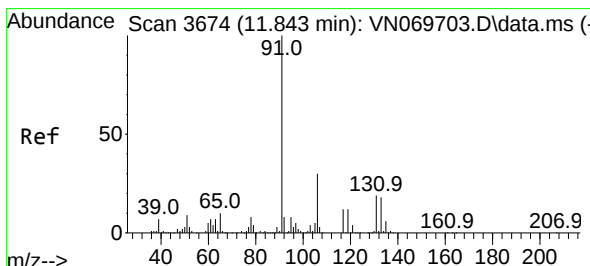
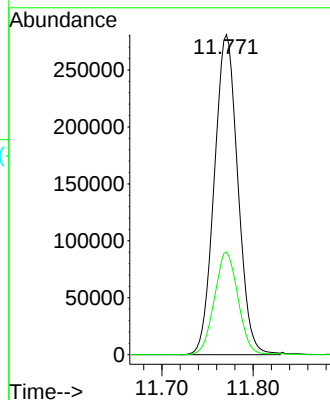
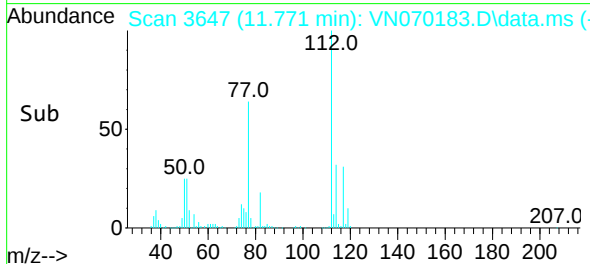
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



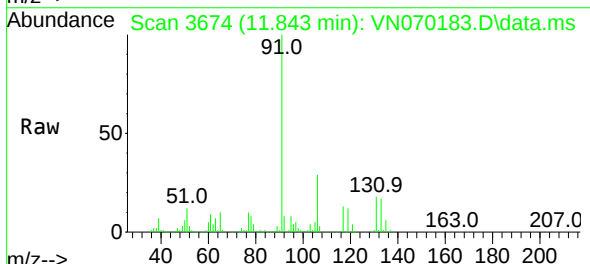
Tgt Ion:112 Resp: 50436
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
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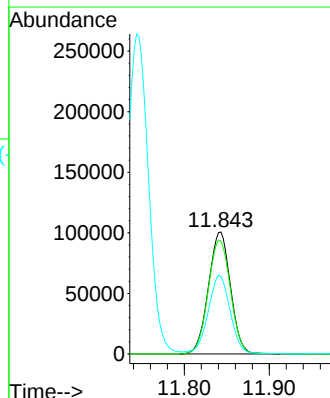
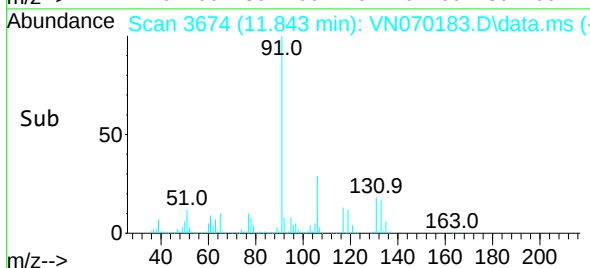
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 17.263 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



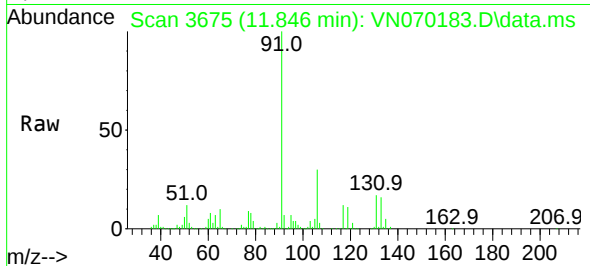
Tgt Ion:131 Resp: 181659
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 63.7 32.1 96.5





#67
Ethyl Benzene
Concen: 17.343 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

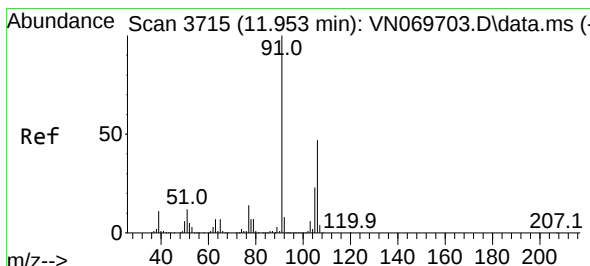
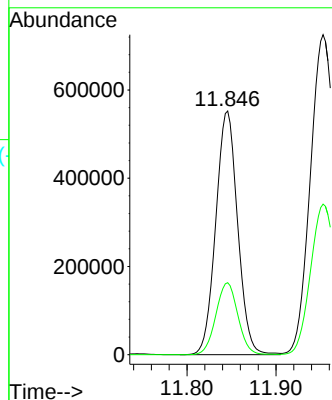
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 91 Resp: 941880
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

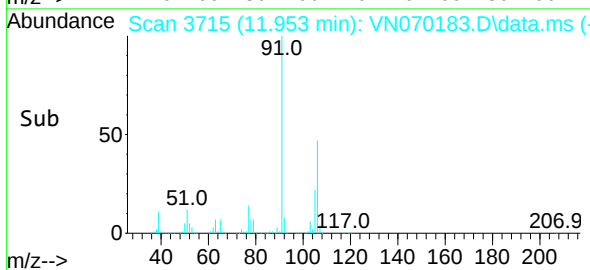
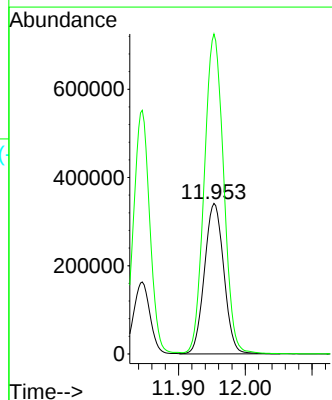
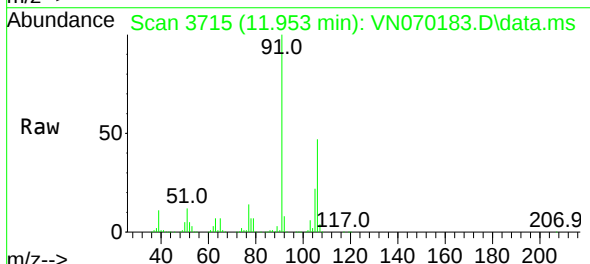
Manual Integrations
APPROVED

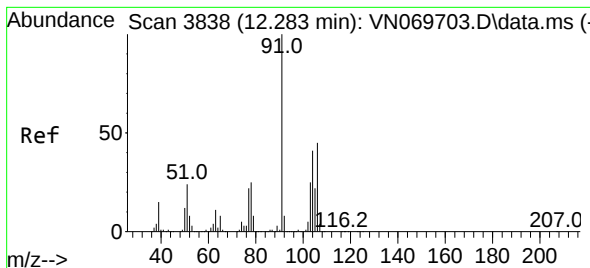
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 34.746 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion:106 Resp: 687075
Ion Ratio Lower Upper
106 100
91 212.8 160.6 240.8





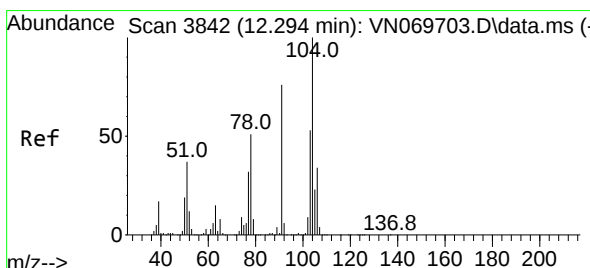
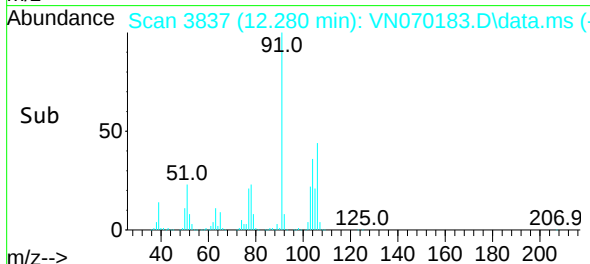
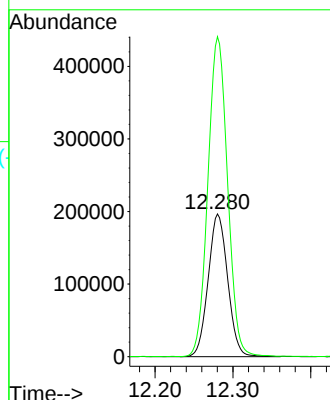
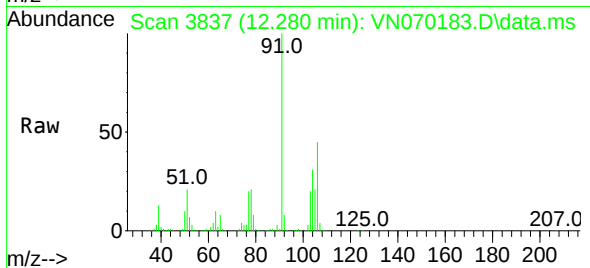
#69
o-Xylene
Concen: 17.166 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

Tgt Ion:106 Resp: 341900
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

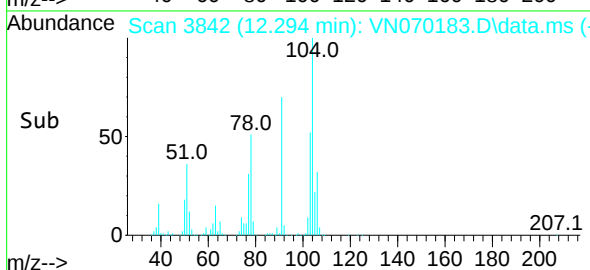
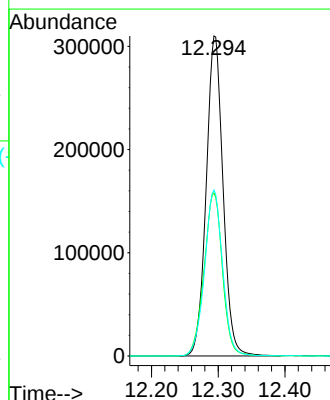
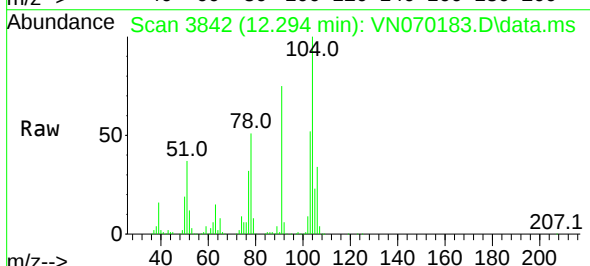
Manual Integrations
APPROVED

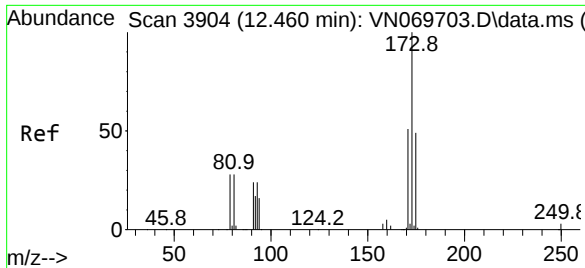
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 17.204 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

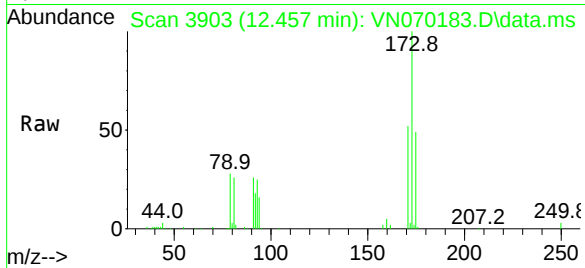
Tgt Ion:104 Resp: 543357
Ion Ratio Lower Upper
104 100
78 55.5 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 16.466 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

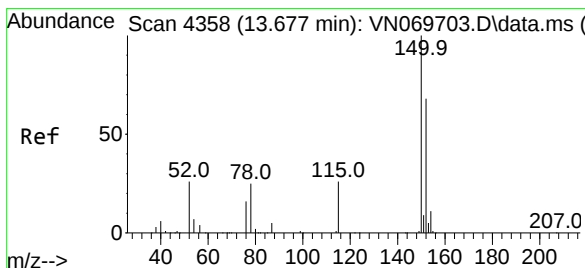
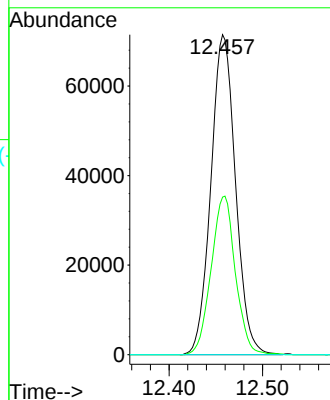
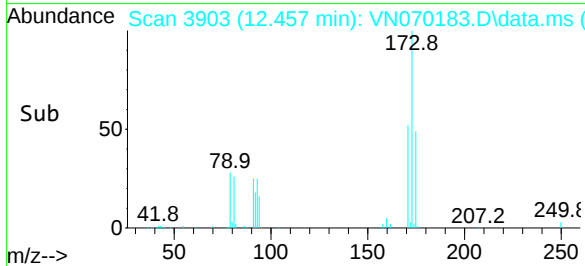
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



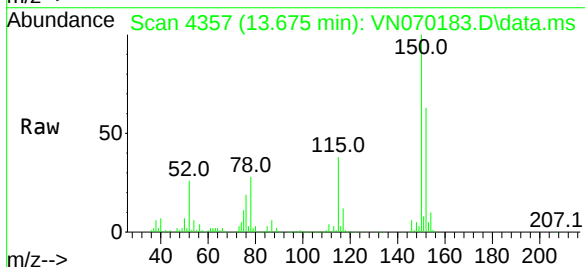
Tgt Ion:173 Resp: 130768
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

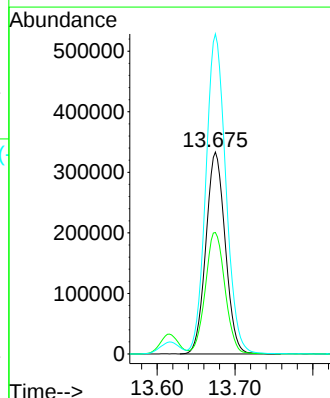
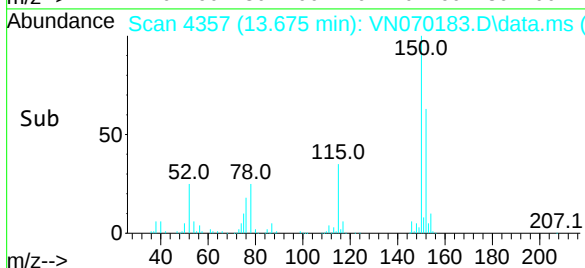
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

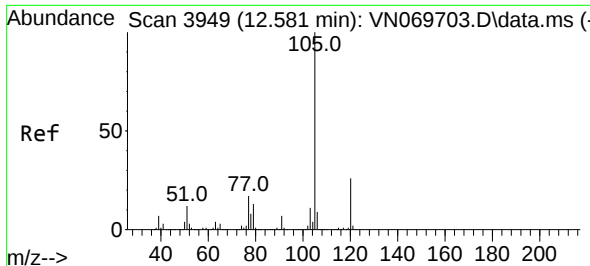


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



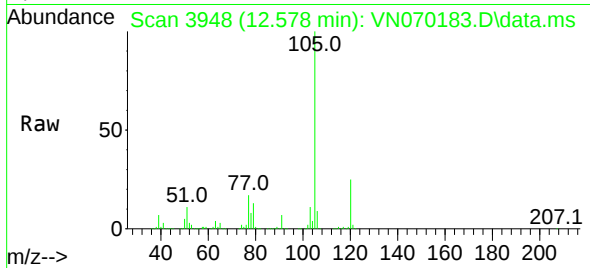
Tgt Ion:152 Resp: 577186
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 164.1 0.0 344.4





#73
Isopropylbenzene
Concen: 17.443 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

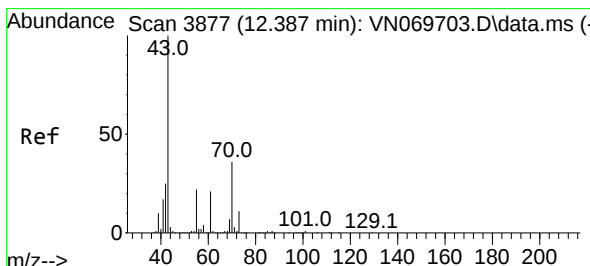
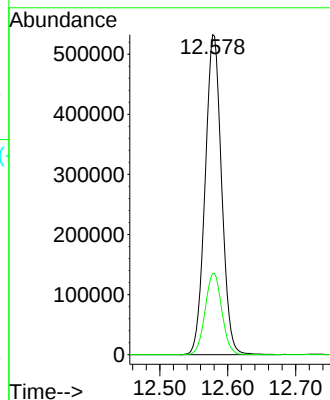
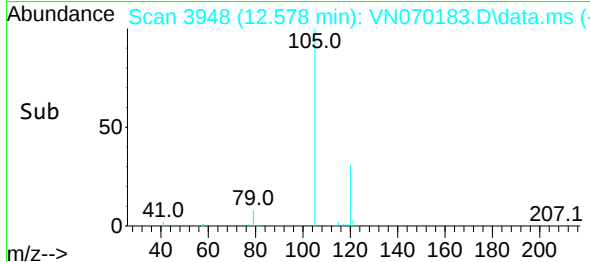
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion:105 Resp: 895735
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

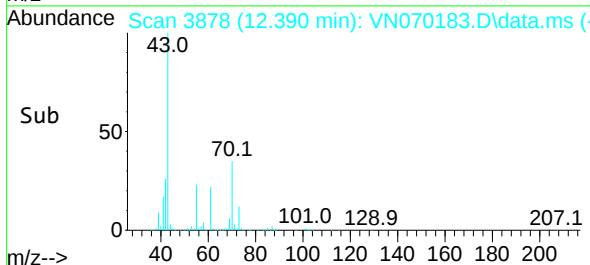
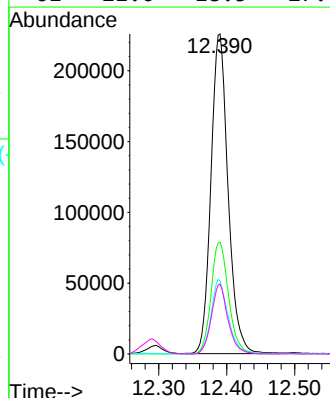
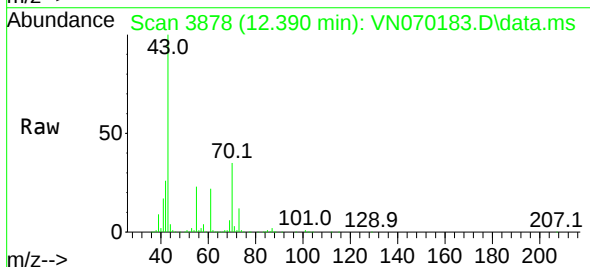
Manual Integrations
APPROVED

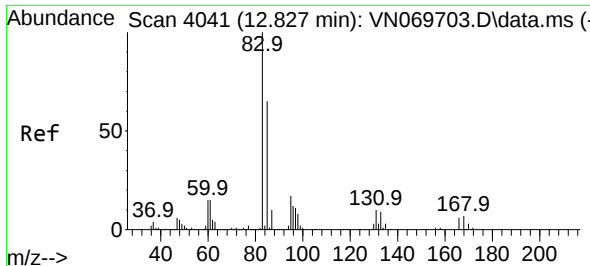
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-amy1 acetate
Concen: 17.443 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

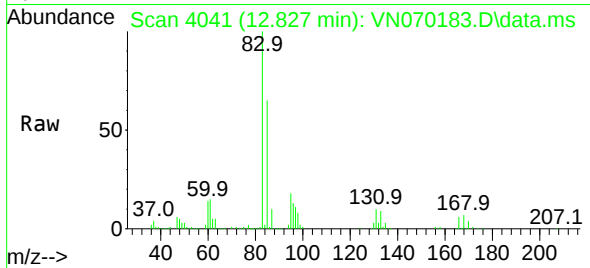
Tgt Ion: 43 Resp: 396135
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 23.1 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.101 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

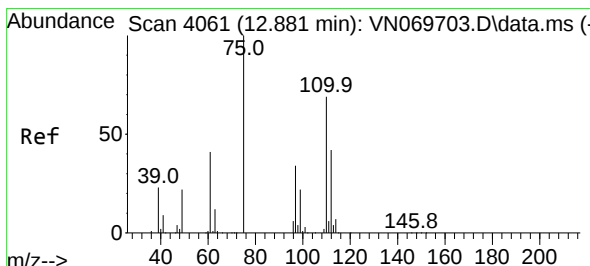
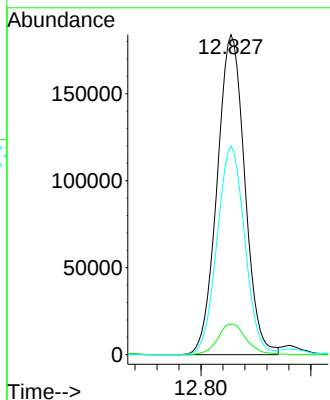
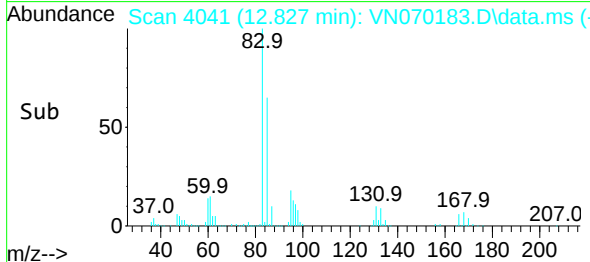
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



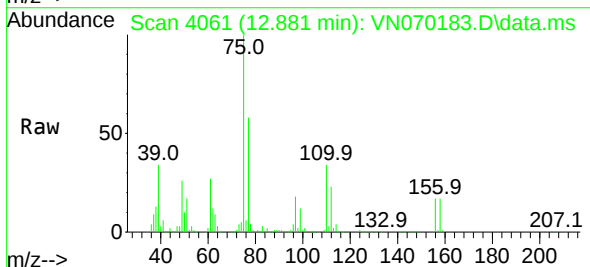
Tgt Ion: 83 Resp: 32144
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 65.3 32.4 97.2

Manual Integrations
APPROVED

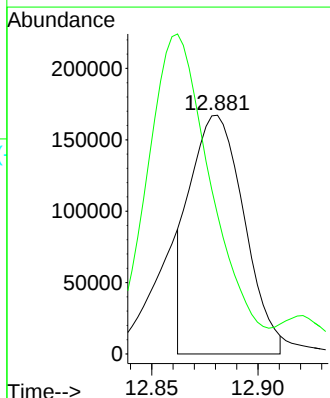
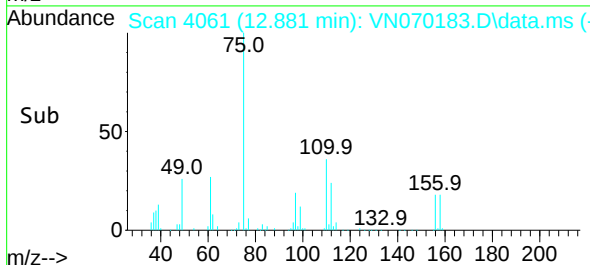
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

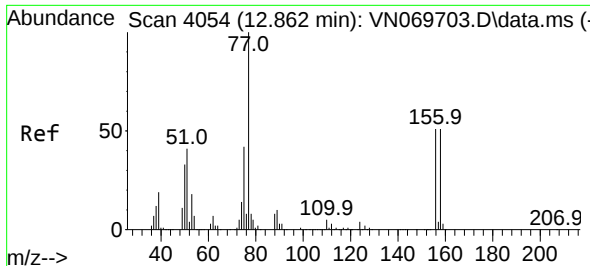


#76
1,2,3-Trichloropropane
Concen: 17.814 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



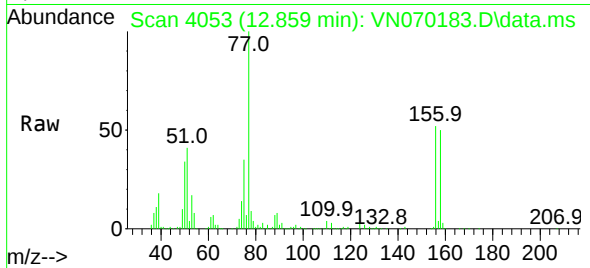
Tgt Ion: 75 Resp: 294859
Ion Ratio Lower Upper
75 100
77 161.9 82.6 247.8





#77
Bromobenzene
Concen: 17.065 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

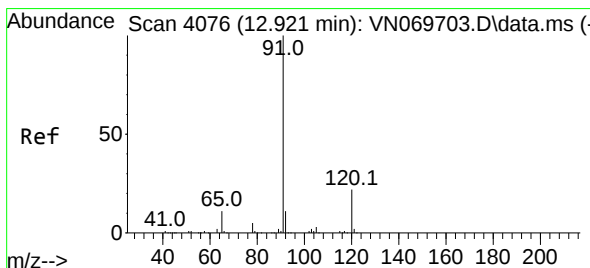
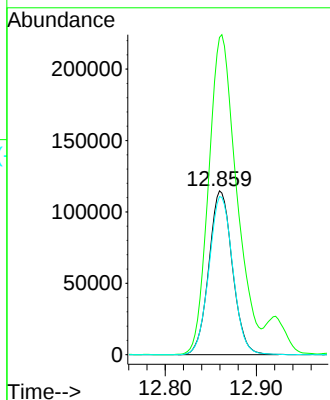
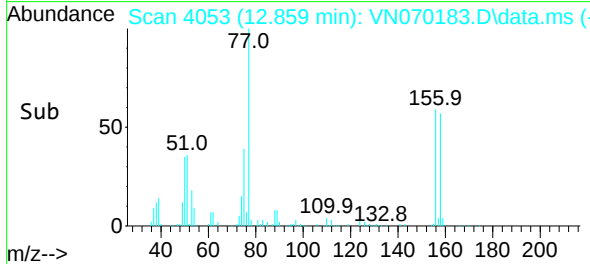
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion:156 Resp: 205830
Ion Ratio Lower Upper
156 100
77 231.9 90.6 271.8
158 97.8 48.9 146.7

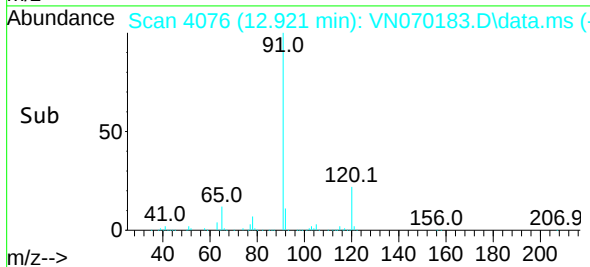
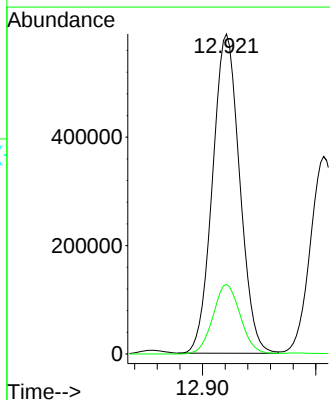
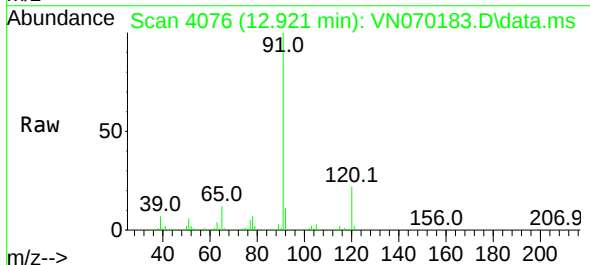
Manual Integrations
APPROVED

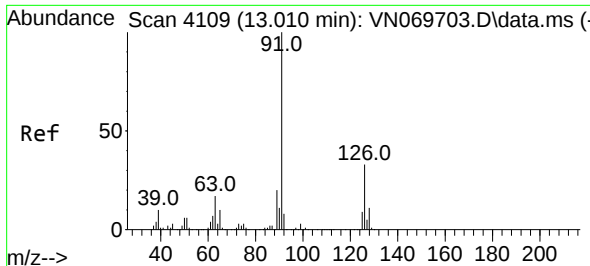
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 17.144 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion: 91 Resp: 979714
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





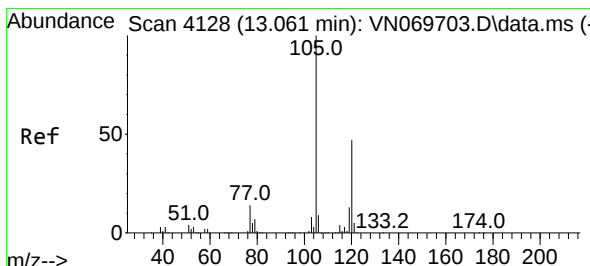
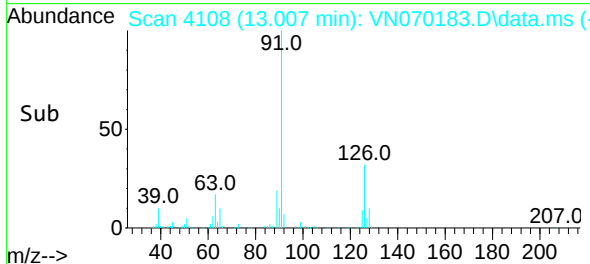
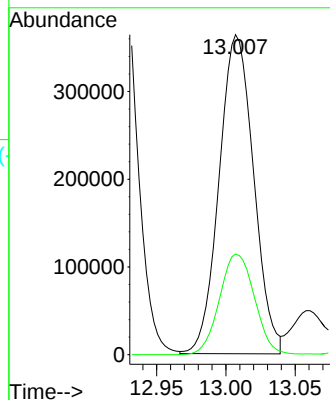
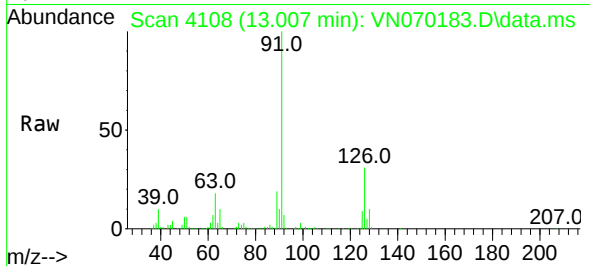
#79
2-Chlorotoluene
Concen: 17.483 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

Tgt Ion: 91 Resp: 63127
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

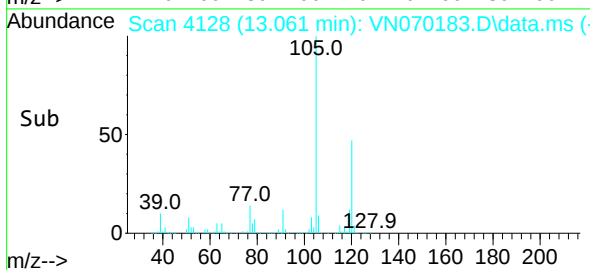
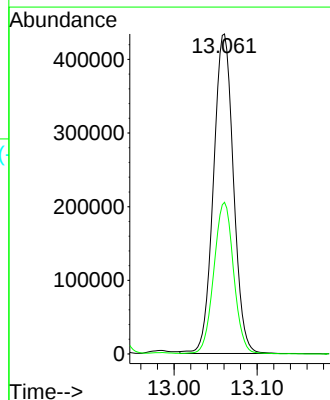
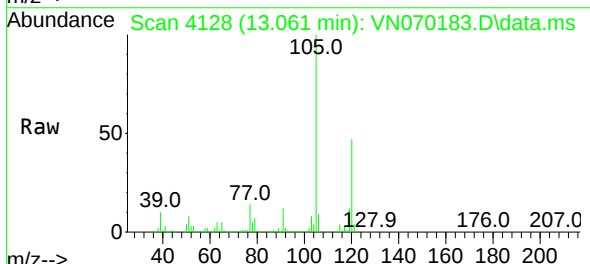
Manual Integrations
APPROVED

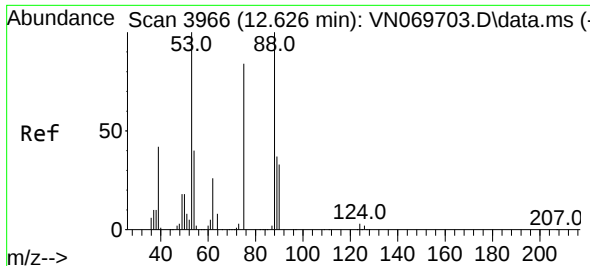
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.544 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

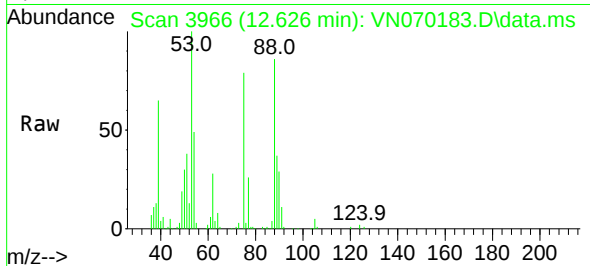
Tgt Ion:105 Resp: 725146
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.628 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

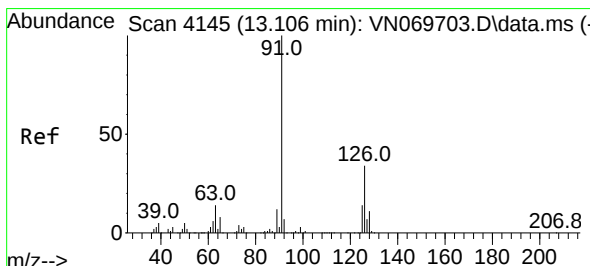
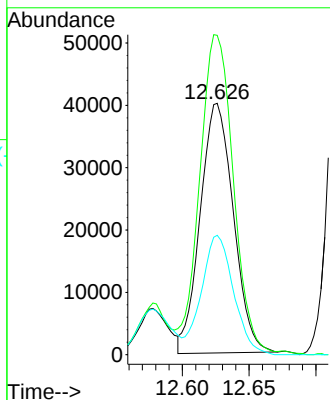
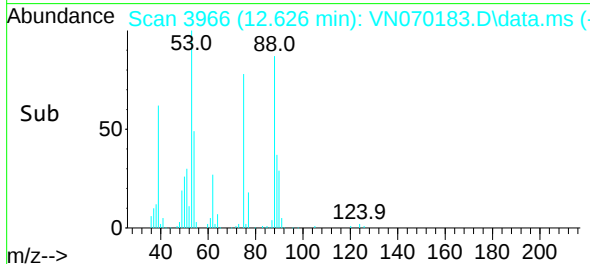
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 75 Resp: 6917
Ion Ratio Lower Upper
75 100
53 128.6 90.5 135.7
89 46.5 38.2 57.4

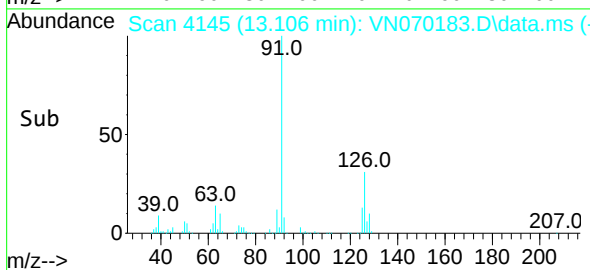
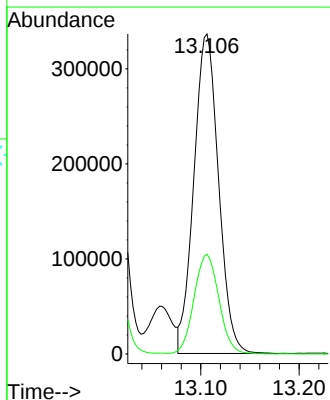
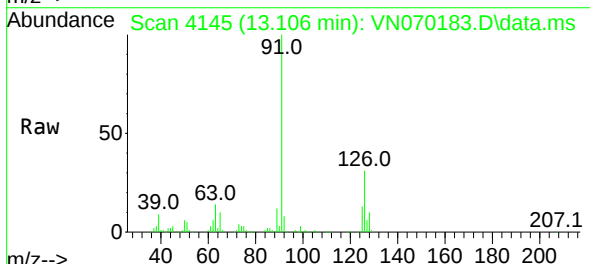
Manual Integrations
APPROVED

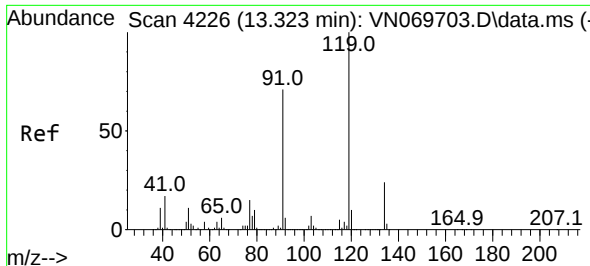
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 17.204 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

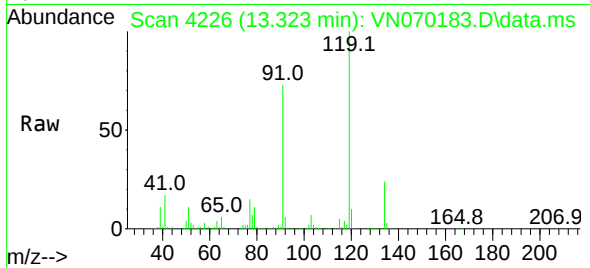
Tgt Ion: 91 Resp: 584199
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.654 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

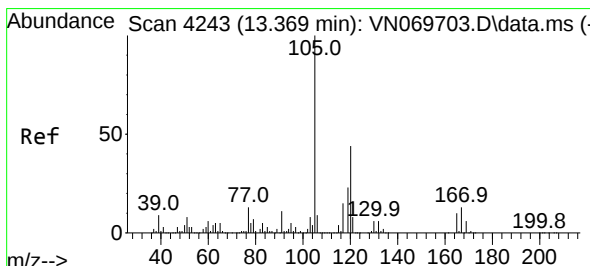
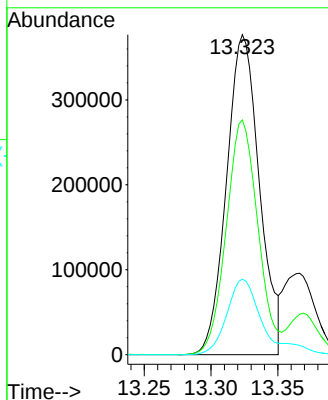
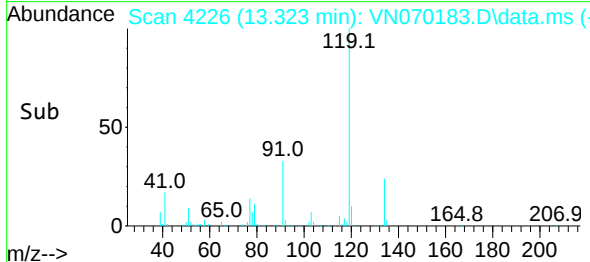
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



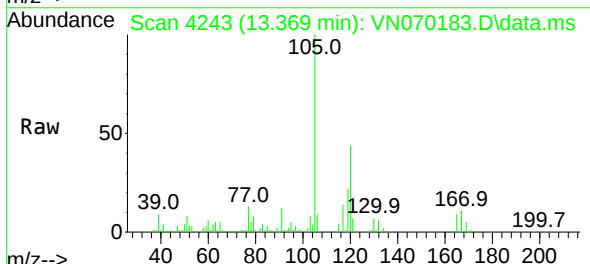
Tgt Ion:119 Resp: 64614
Ion Ratio Lower Upper
119 100
91 70.8 31.5 94.5
134 25.7 12.4 37.4

Manual Integrations
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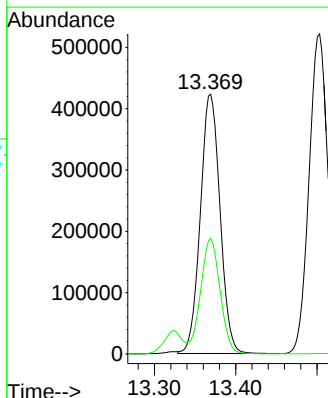
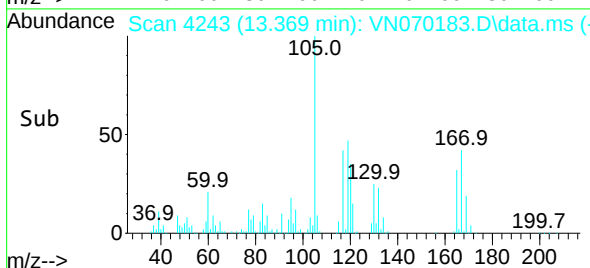
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

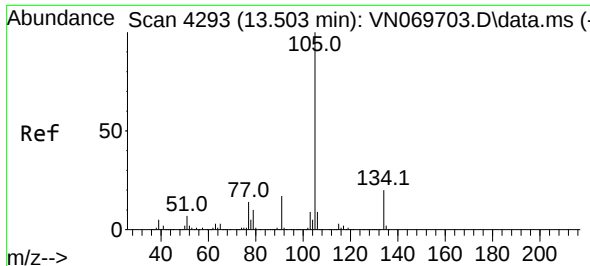


#84
1,2,4-Trimethylbenzene
Concen: 18.082 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



Tgt Ion:105 Resp: 711779
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





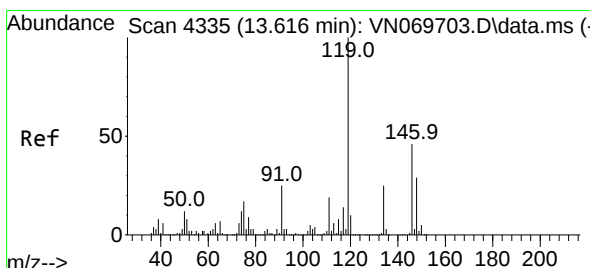
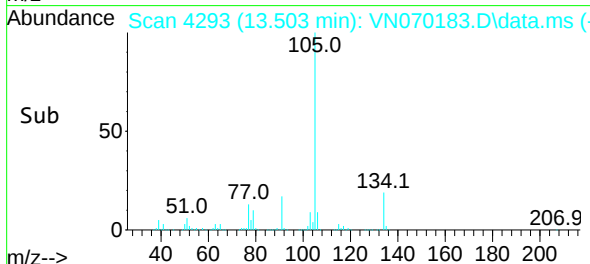
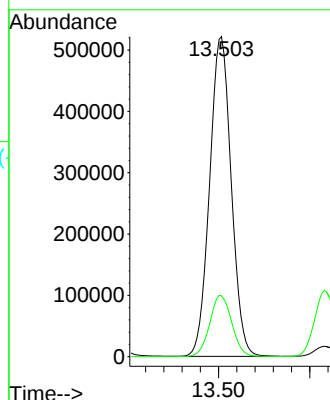
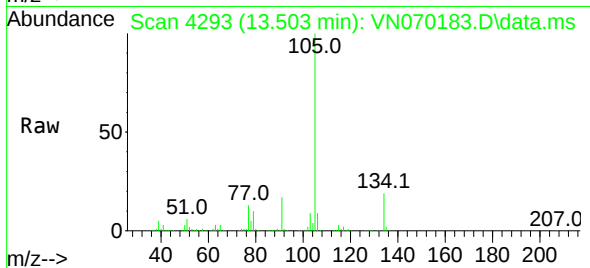
#85
 sec-Butylbenzene
 Concen: 17.263 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070183.D
 Acq: 18 Dec 2021 00:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03

Tgt Ion:105 Resp: 857008
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

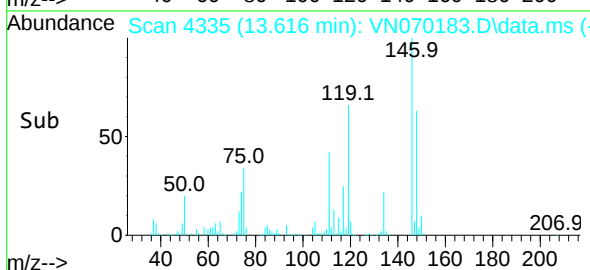
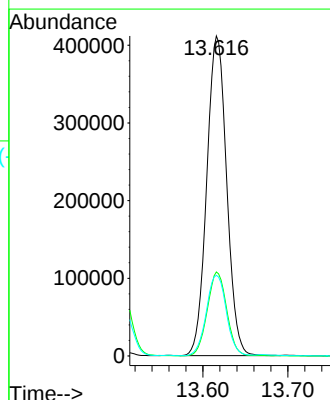
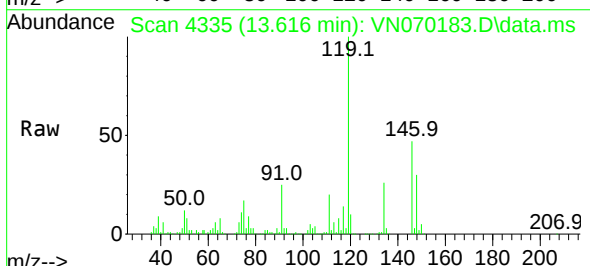
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 17.248 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070183.D
 Acq: 18 Dec 2021 00:16

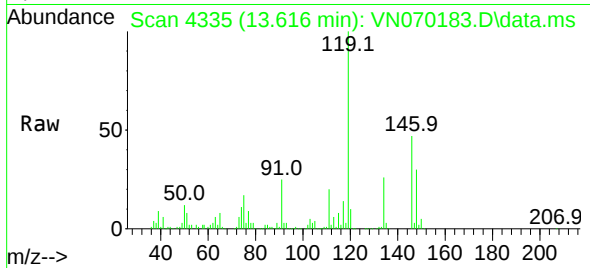
Tgt Ion:119 Resp: 669304
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.086 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

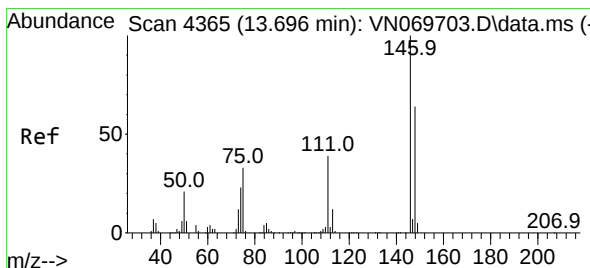
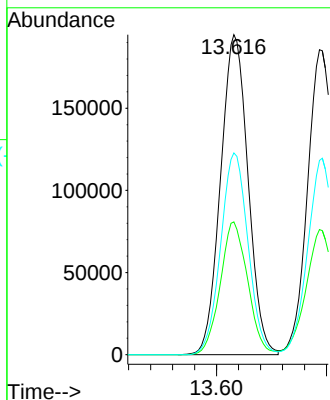
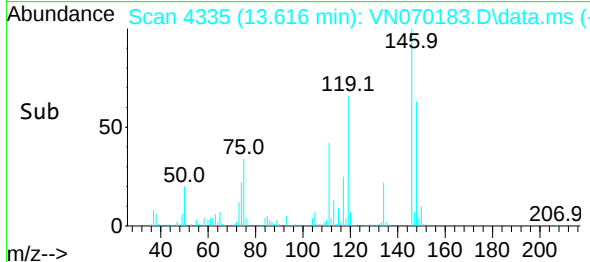
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



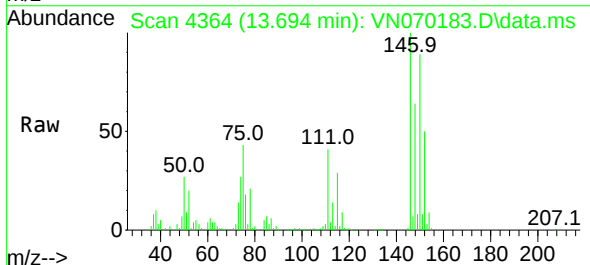
Tgt Ion:146 Resp: 338570
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 62.9 31.6 95.0

Manual Integrations
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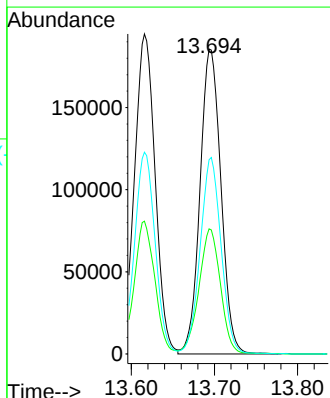
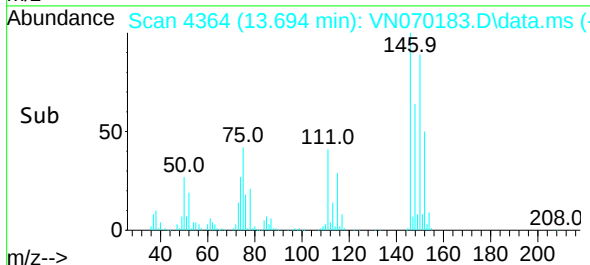
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 16.676 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



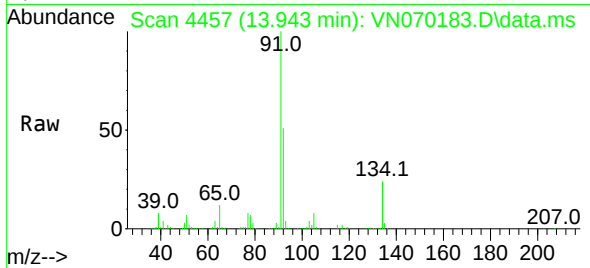
Tgt Ion:146 Resp: 324746
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 15.914 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

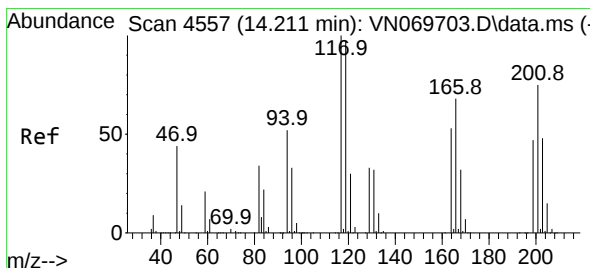
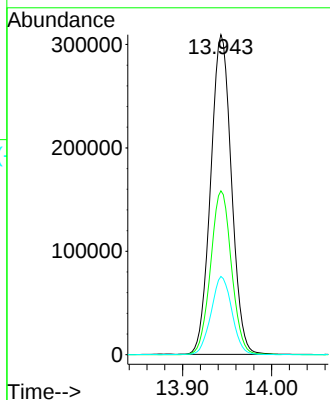
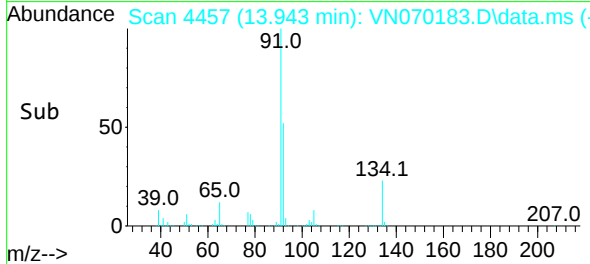
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion: 91 Resp: 500949
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.4 13.6 40.8

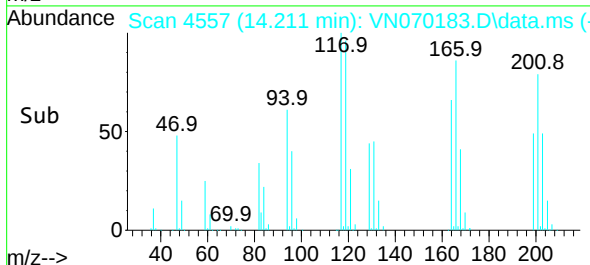
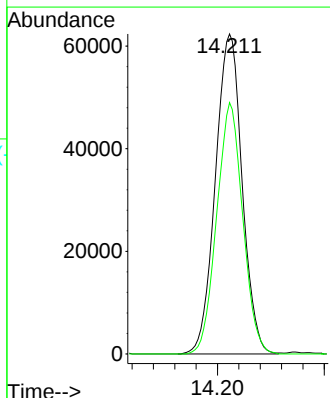
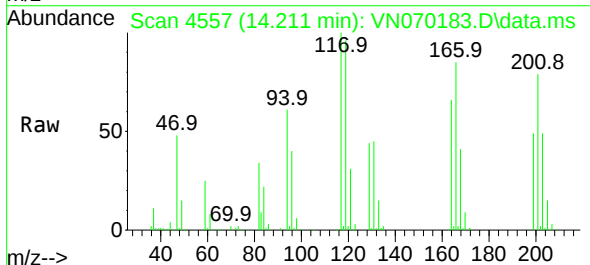
Manual Integrations
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Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 15.921 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion:117 Resp: 108467
Ion Ratio Lower Upper
117 100
201 76.4 43.9 131.6





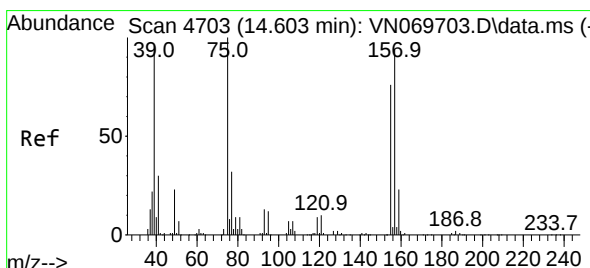
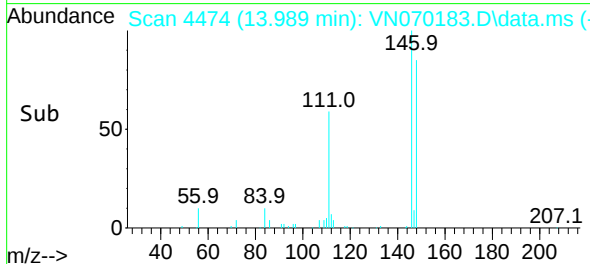
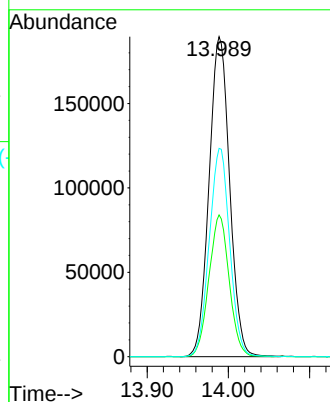
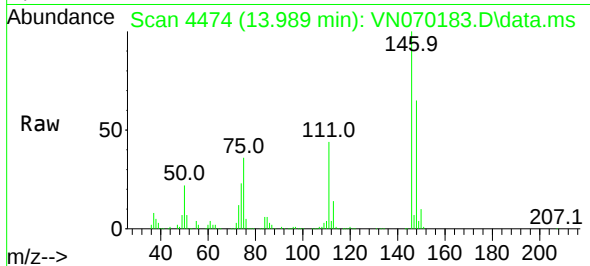
#91
1,2-Dichlorobenzene
Concen: 17.278 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03

Tgt Ion:146 Resp: 333594
Ion Ratio Lower Upper
146 100
111 43.7 19.1 57.3
148 64.6 32.1 96.3

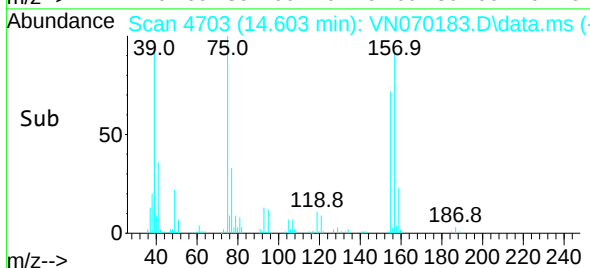
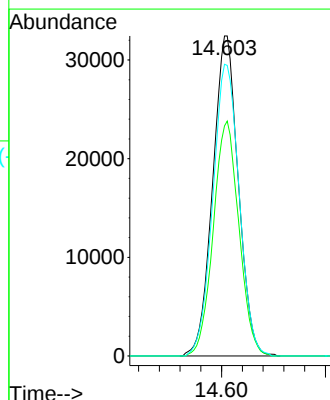
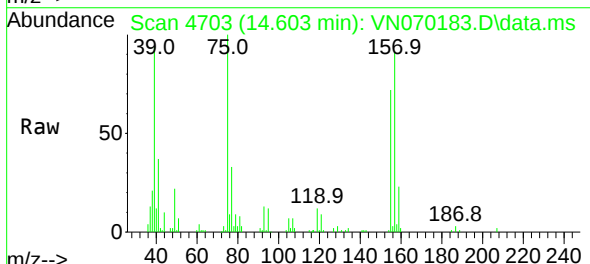
Manual Integrations
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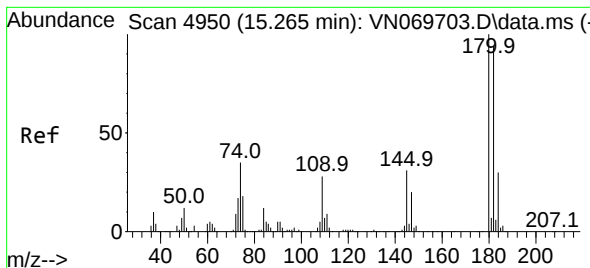
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.295 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

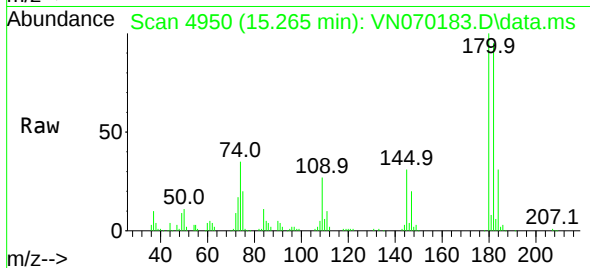
Tgt Ion: 75 Resp: 55499
Ion Ratio Lower Upper
75 100
155 73.5 46.9 140.7
157 93.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.129 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

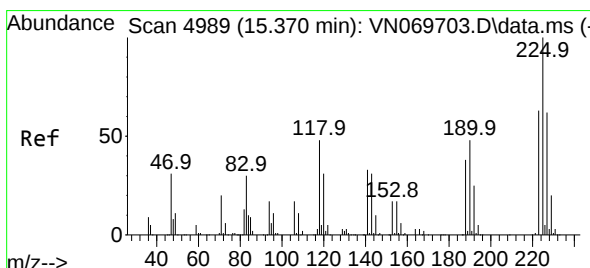
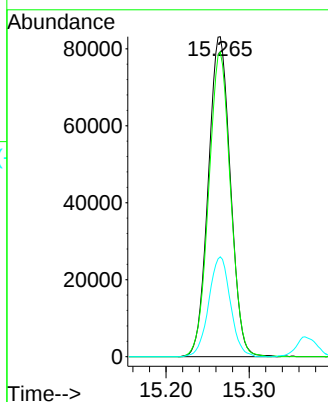
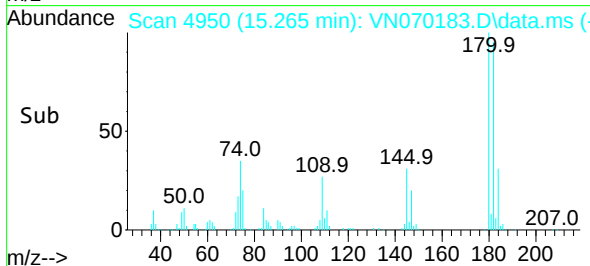
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



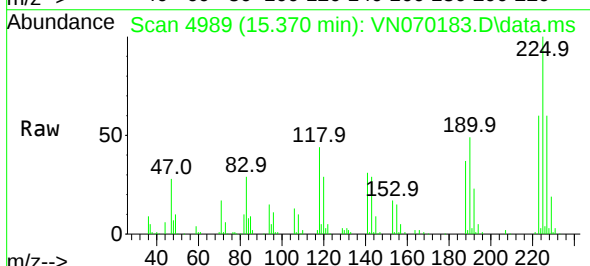
Tgt Ion:180 Resp: 153249
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
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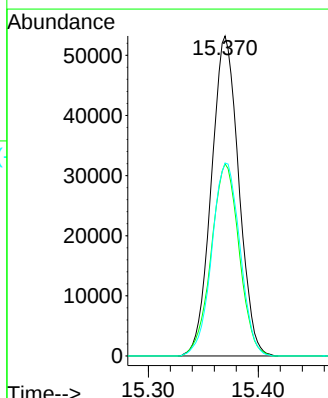
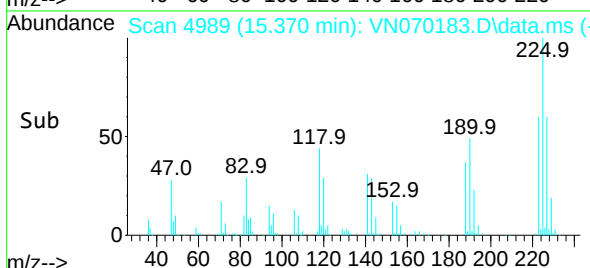
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

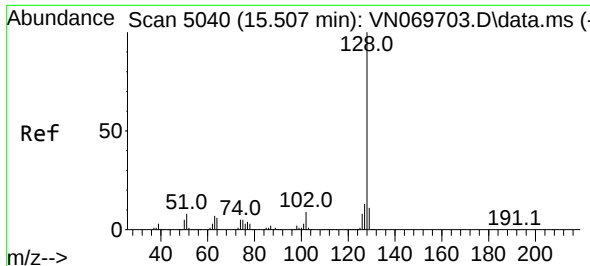


#94
Hexachlorobutadiene
Concen: 17.960 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16



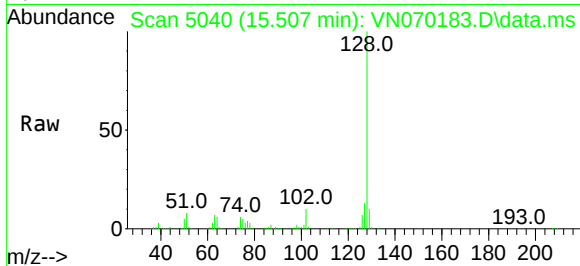
Tgt Ion:225 Resp: 91901
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.7
227 62.1 32.1 96.3





#95
Naphthalene
Concen: 19.637 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

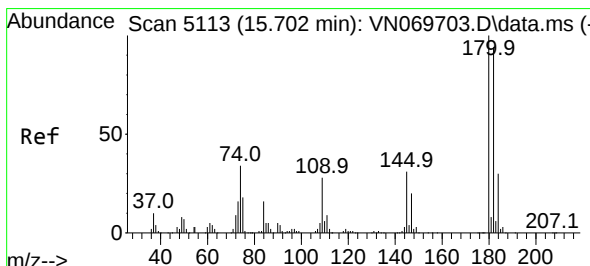
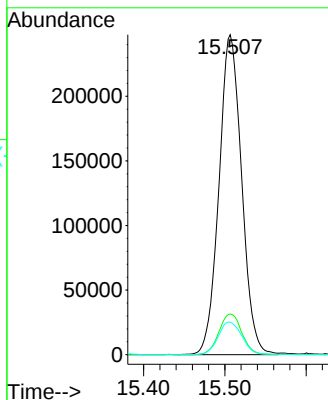
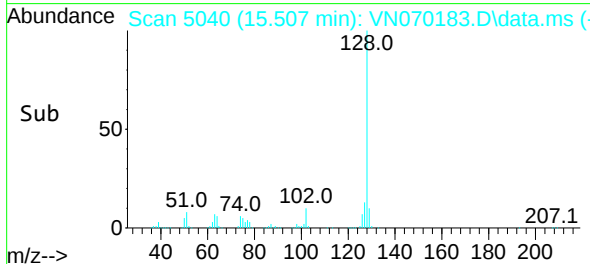
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD03



Tgt Ion:128 Resp: 479735
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.495 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070183.D
Acq: 18 Dec 2021 00:16

Tgt Ion:180 Resp: 155799
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 32.8 15.0 45.1

