

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070045.D
 Acq On : 13 Dec 2021 22:00
 Operator : JC/MD
 Sample : VN1213WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 07:28:31 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	996416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1644189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1486676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	765652	49.767	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.540%
35) Dibromofluoromethane	8.021	113	536414	52.085	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.160%
50) Toluene-d8	10.440	98	2049992	49.573	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.731	95	696352	46.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	211127	18.167	ug/l	99
3) Chloromethane	2.303	50	263087	18.069	ug/l	99
4) Vinyl Chloride	2.448	62	242303	18.099	ug/l	100
5) Bromomethane	2.850	94	126951	17.454	ug/l	96
6) Chloroethane	3.017	64	144551	17.620	ug/l	96
7) Trichlorofluoromethane	3.373	101	314992	17.927	ug/l	98
8) Diethyl Ether	3.821	74	129227	19.096	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	187567	19.043	ug/l	96
10) Methyl Iodide	4.419	142	242859	18.049	ug/l	98
11) Tert butyl alcohol	5.382	59	239629	82.401	ug/l	98
12) 1,1-Dichloroethene	4.181	96	174263	18.360	ug/l	87
13) Acrolein	4.041	56	202881	81.923	ug/l	100
14) Allyl chloride	4.840	41	408871	19.118	ug/l	92
15) Acrylonitrile	5.557	53	724989	92.518	ug/l	100
16) Acetone	4.288	43	733444	79.252	ug/l	97
17) Carbon Disulfide	4.527	76	477538	19.475	ug/l	99
18) Methyl Acetate	4.857	43	503340	18.019	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	688794	18.664	ug/l	94
20) Methylene Chloride	5.095	84	226571	18.416	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	190557	18.485	ug/l	87
22) Diisopropyl ether	6.498	45	833284	19.934	ug/l	96
23) Vinyl Acetate	6.434	43	3263804	95.969	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	424124	19.586	ug/l	98
25) 2-Butanone	7.337	43	1078215	85.748	ug/l	90
26) 2,2-Dichloropropane	7.324	77	294146	17.471	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	232665	18.680	ug/l	87
28) Bromochloromethane	7.657	49	228469	20.289	ug/l #	77
29) Tetrahydrofuran	7.689	42	704200	92.228	ug/l	87
30) Chloroform	7.820	83	435115	19.896	ug/l	99
31) Cyclohexane	8.094	56	390612	18.244	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	362079	19.437	ug/l	94
36) 1,1-Dichloropropene	8.222	75	298349	19.061	ug/l	95
37) Ethyl Acetate	7.415	43	402451	17.275	ug/l	96
38) Carbon Tetrachloride	8.206	117	309544	20.167	ug/l	96
39) Methylcyclohexane	9.459	83	330178	17.734	ug/l	88
40) Benzene	8.458	78	918016	19.188	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	216477	19.795	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	364349	18.865	ug/l	97
43) Isopropyl Acetate	8.563	43	634544	18.406	ug/l #	94
44) Trichloroethene	9.217	130	211115	18.488	ug/l	92
45) 1,2-Dichloropropane	9.491	63	253062	19.697	ug/l	99
46) Dibromomethane	9.577	93	163297	19.381	ug/l	93
47) Bromodichloromethane	9.762	83	349395	21.901	ug/l	98
48) Methyl methacrylate	9.561	41	297077	18.465	ug/l	88
49) 1,4-Dioxane	9.569	88	102494	355.047	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	2156026	96.403	ug/l	94
52) Toluene	10.505	92	555150	19.006	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	336639	19.356	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	370107	19.641	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	229223	19.450	ug/l	98
56) Ethyl methacrylate	10.762	69	356480	17.580	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	400645	19.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	395187	79.358	ug/l	89
59) 2-Hexanone	11.087	43	1517601	89.702	ug/l	91
60) Dibromochloromethane	11.237	129	247229	21.025	ug/l	99
61) 1,2-Dibromoethane	11.344	107	227476	18.635	ug/l	100
64) Tetrachloroethene	10.977	164	184321	18.285	ug/l	92
65) Chlorobenzene	11.771	112	577665	19.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	225087	21.204	ug/l	98
67) Ethyl Benzene	11.846	91	1067511	19.485	ug/l	96
68) m/p-Xylenes	11.953	106	770238	38.613	ug/l	91
69) o-Xylene	12.283	106	384516	19.137	ug/l	92
70) Styrene	12.294	104	620912	19.488	ug/l	95
71) Bromoform	12.457	173	188345	22.342	ug/l #	100
73) Isopropylbenzene	12.578	105	1001413	19.167	ug/l	98
74) N-amyl acetate	12.390	43	411931	17.828	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	366290	20.274	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	435740	25.874	ug/l #	1
77) Bromobenzene	12.862	156	232172	18.918	ug/l	75
78) n-propylbenzene	12.921	91	1128234	19.405	ug/l	95
79) 2-Chlorotoluene	13.007	91	716848	19.513	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	823305	19.578	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	94873	21.001	ug/l	91
82) 4-Chlorotoluene	13.104	91	665051	19.250	ug/l	92
83) tert-Butylbenzene	13.324	119	702230	18.858	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	798620	19.941	ug/l	96
85) sec-Butylbenzene	13.501	105	969144	19.188	ug/l	97
86) p-Isopropyltoluene	13.616	119	758357	19.208	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	389968	19.342	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	376720	19.014	ug/l	97
89) n-Butylbenzene	13.943	91	581592	18.160	ug/l	98
90) Hexachloroethane	14.211	117	158091	22.807	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	387336	19.718	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67961	20.816	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	157821	18.316	ug/l	98
94) Hexachlorobutadiene	15.370	225	104871	20.144	ug/l	99
95) Naphthalene	15.507	128	419770	17.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	157334	18.375	ug/l	98

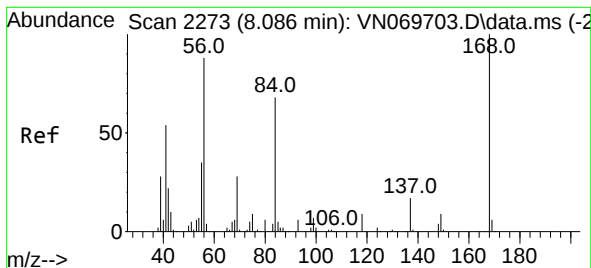
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

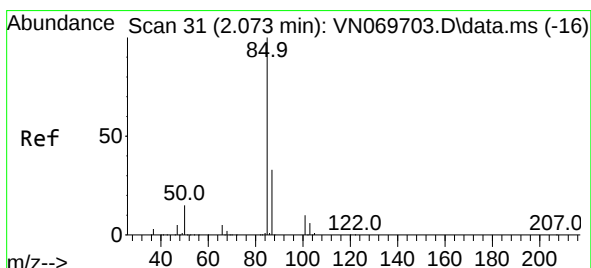
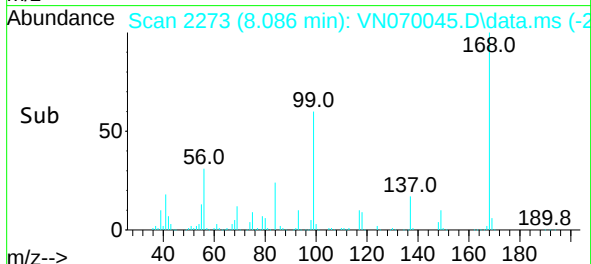
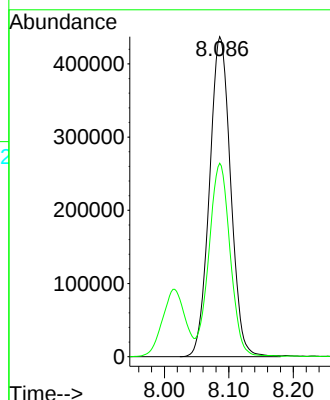
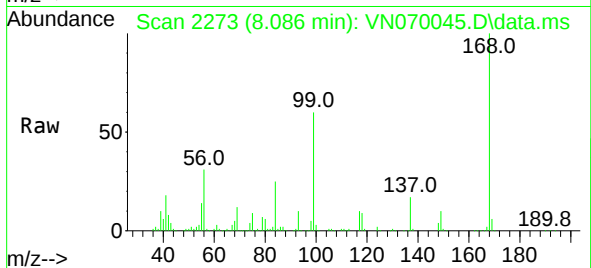
ClientSampleId :

Tgt Ion:168 Resp: 996416

Ion Ratio Lower Upper

168 100

99 60.3 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 18.167 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN070045.D

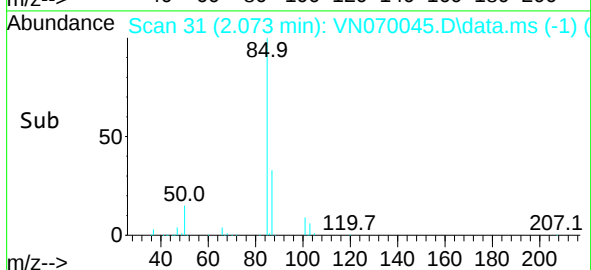
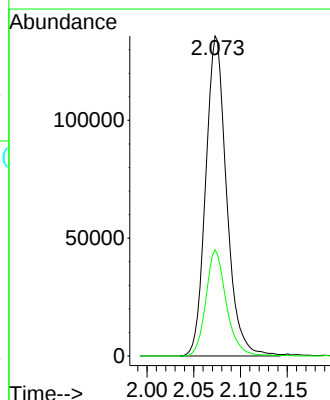
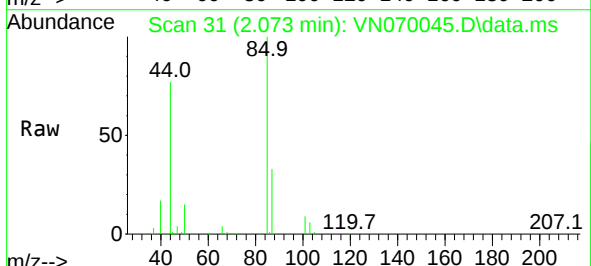
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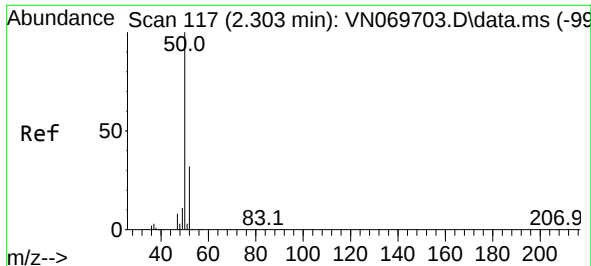
Tgt Ion: 85 Resp: 211127

Ion Ratio Lower Upper

85 100

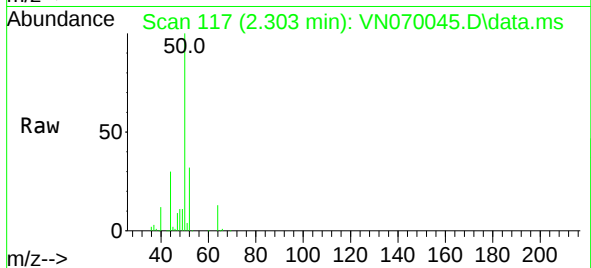
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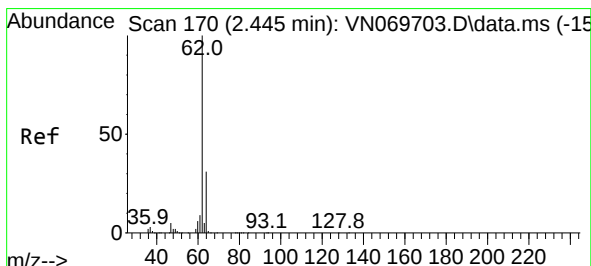
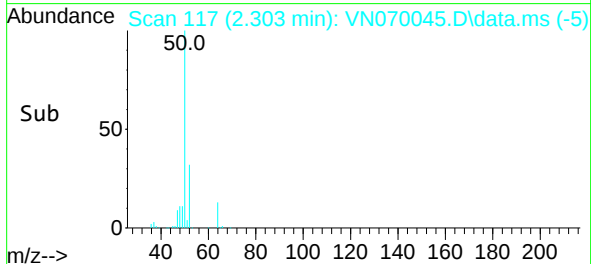
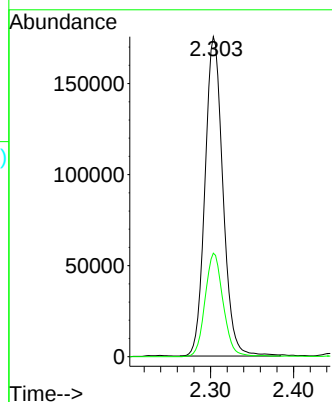


#3
Chloromethane
Concen: 18.069 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

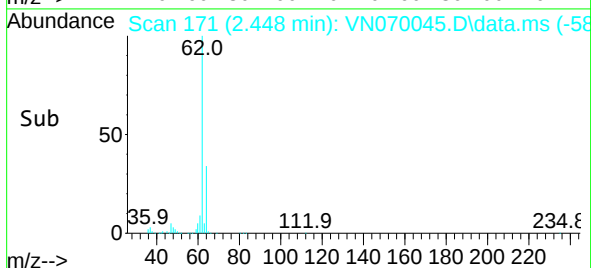
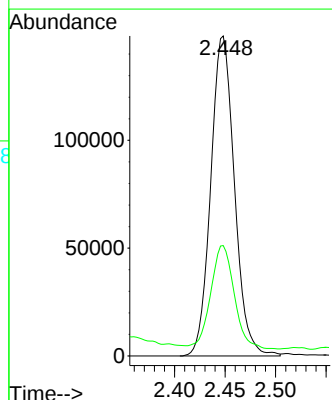
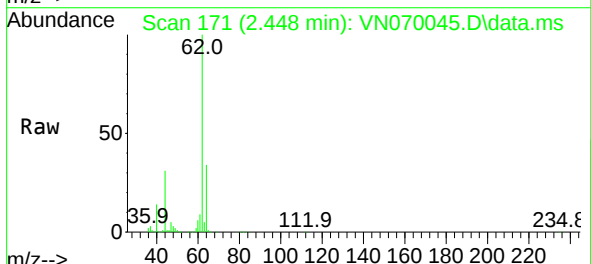


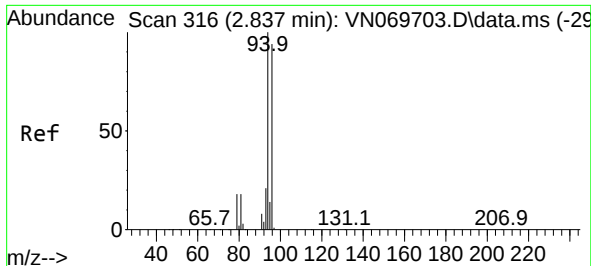
Tgt Ion: 50 Resp: 263087
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0



#4
Vinyl Chloride
Concen: 18.099 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 62 Resp: 242303
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6

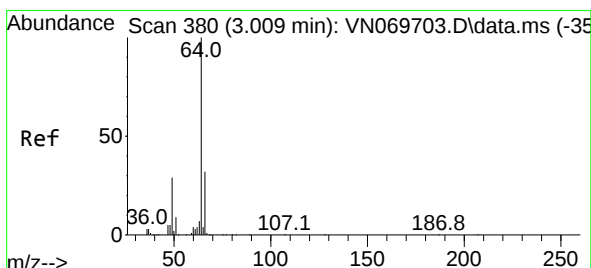
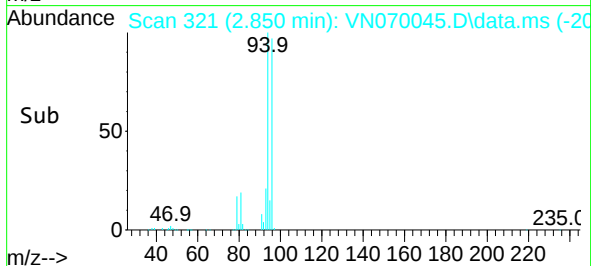
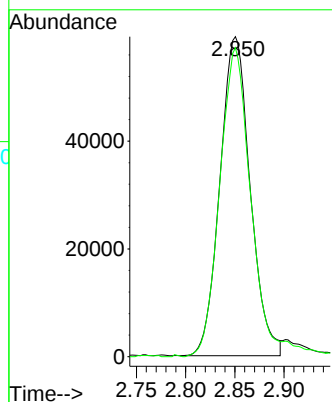
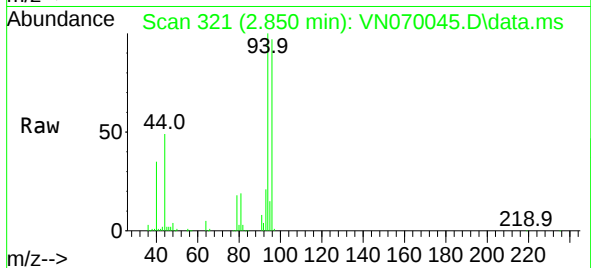




#5
Bromomethane
Concen: 17.454 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.014 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

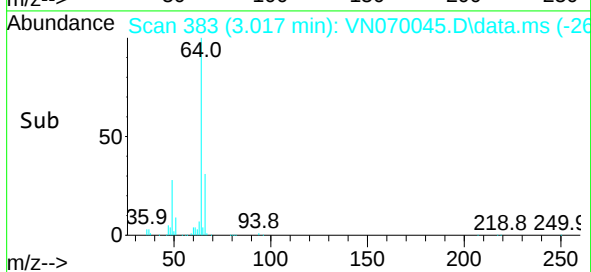
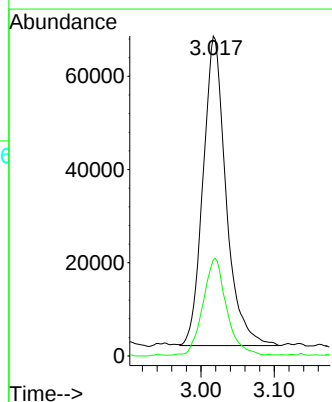
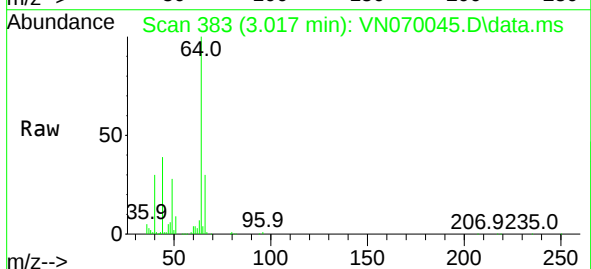
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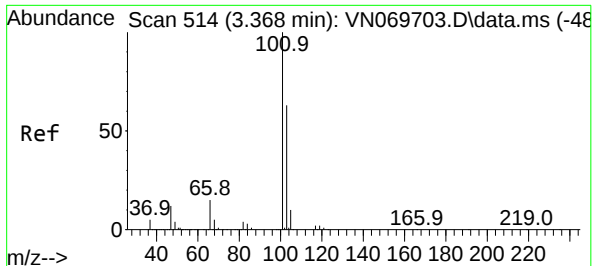
Tgt Ion: 94 Resp: 126951
Ion Ratio Lower Upper
94 100
96 96.6 73.8 110.8



#6
Chloroethane
Concen: 17.620 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 64 Resp: 144551
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5

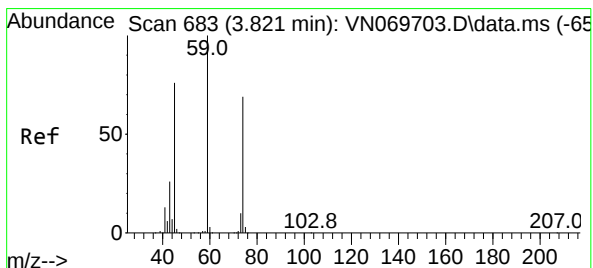
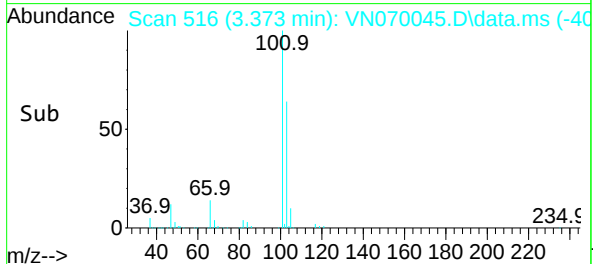
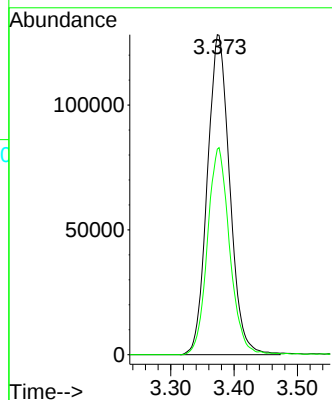
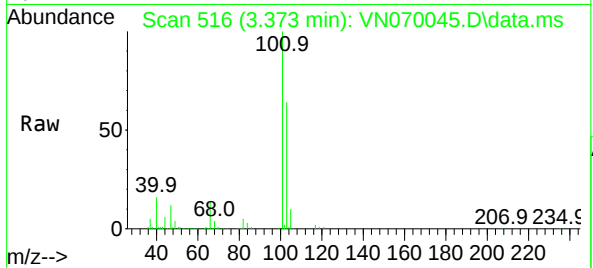




#7
 Trichlorofluoromethane
 Concen: 17.927 ug/l
 RT: 3.373 min Scan# 514
 Delta R.T. 0.006 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

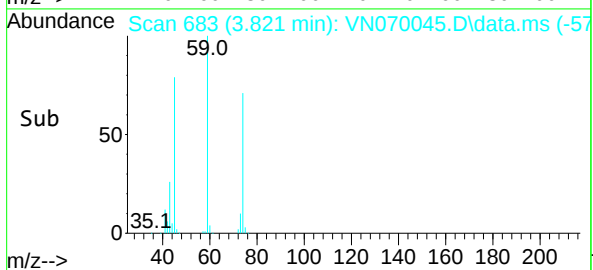
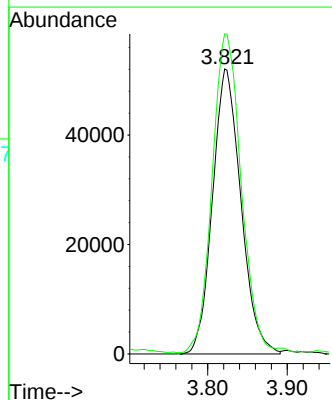
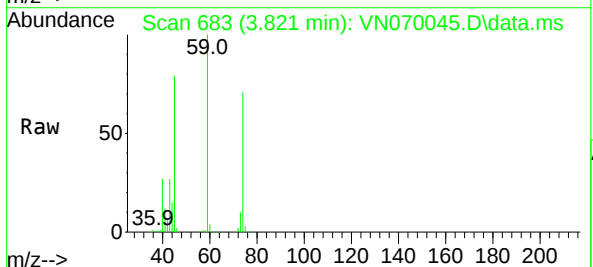
Instrument :
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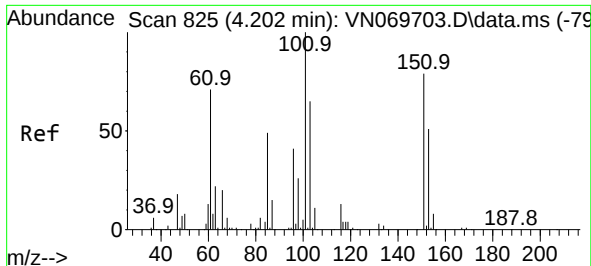
Tgt Ion:101 Resp: 314992
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.096 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Tgt Ion: 74 Resp: 129227
 Ion Ratio Lower Upper
 74 100
 45 113.7 47.0 141.2

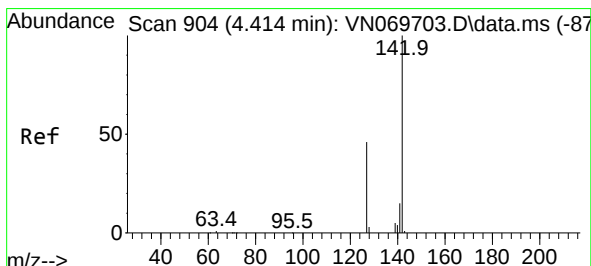
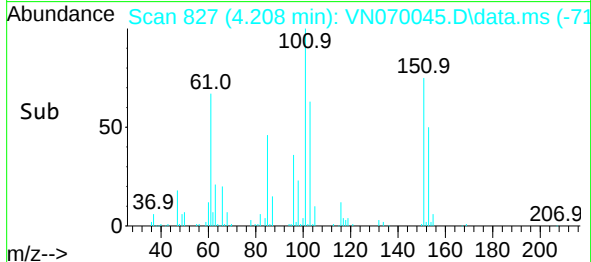
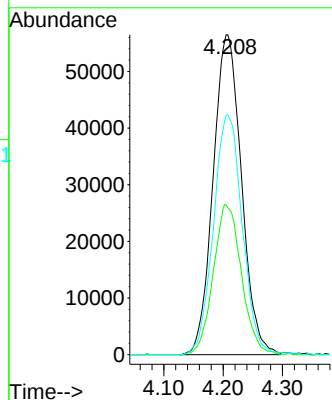
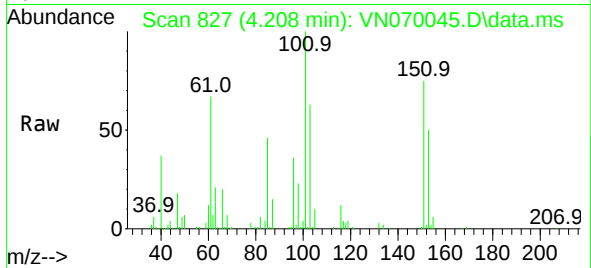




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.043 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

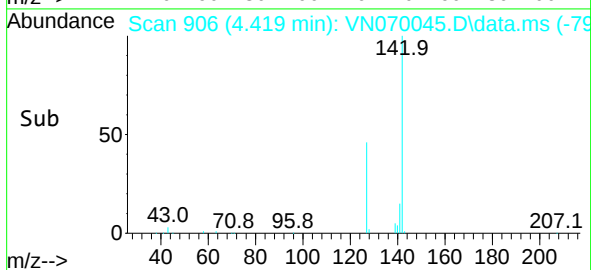
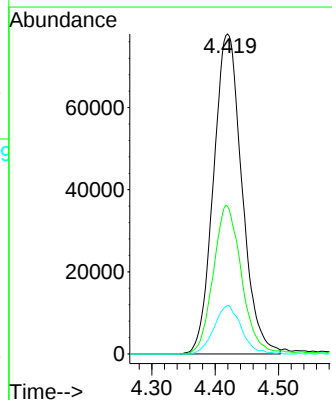
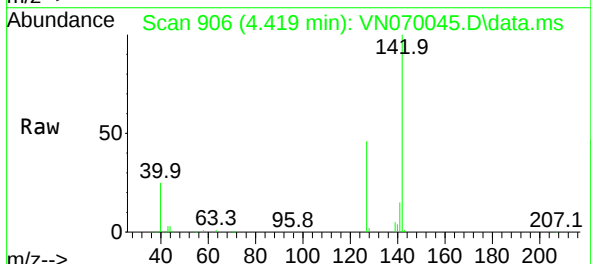
Instrument :
MSVOA_N
ClientSampleId :

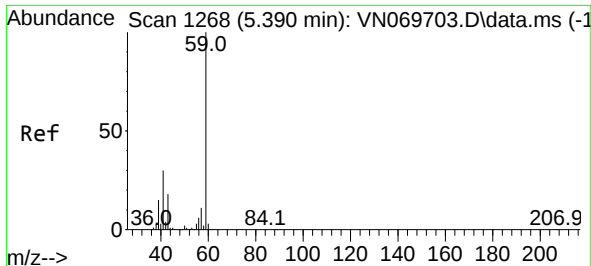
Tgt Ion:101 Resp: 187567
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.3 65.9 98.9



#10
Methyl Iodide
Concen: 18.049 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

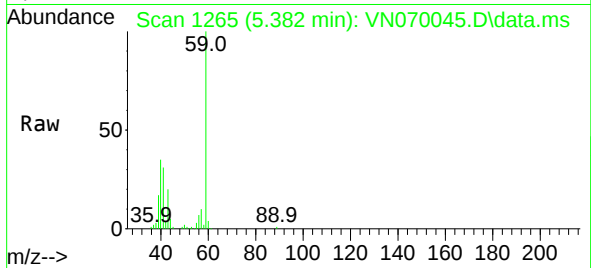
Tgt Ion:142 Resp: 242859
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.5 11.6 17.4



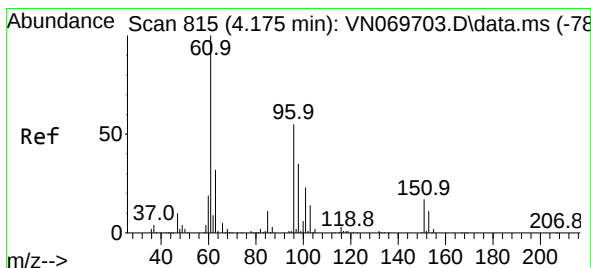
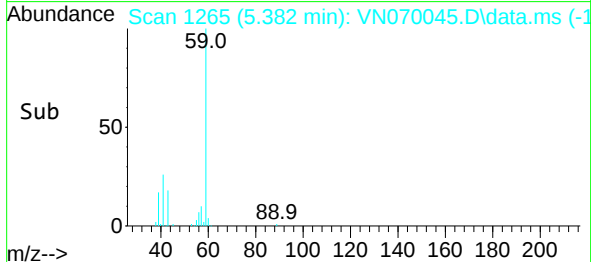
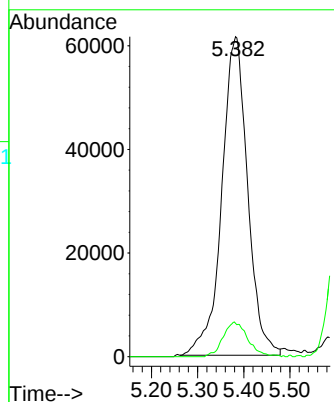


#11
Tert butyl alcohol
Concen: 82.401 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

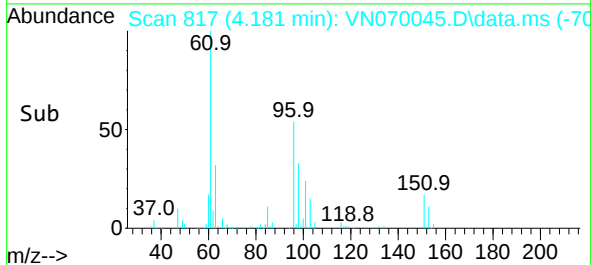
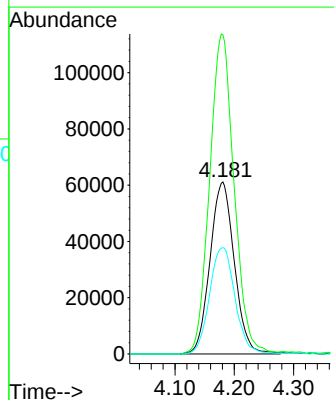
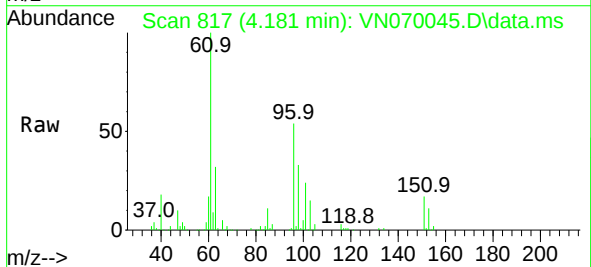


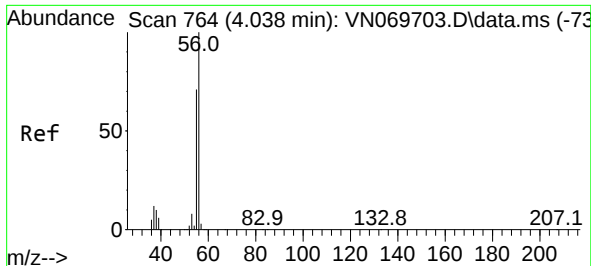
Tgt Ion: 59 Resp: 239629
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 18.360 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 96 Resp: 174263
Ion Ratio Lower Upper
96 100
61 185.6 131.0 196.6
98 61.8 52.4 78.6

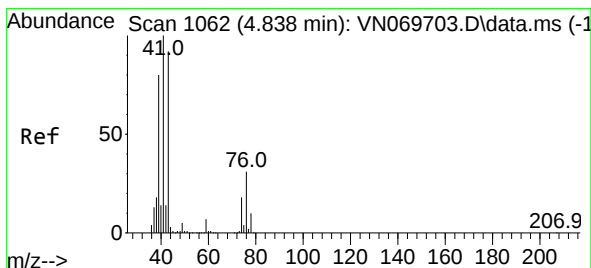
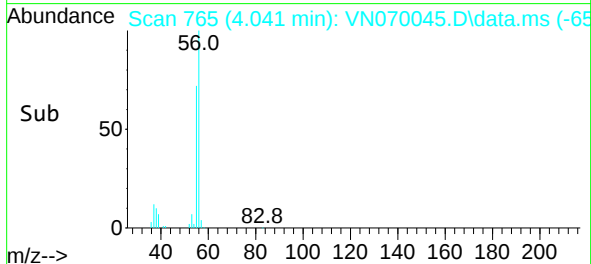
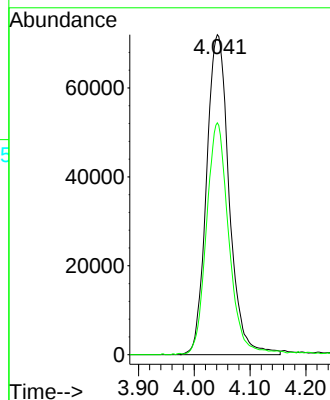
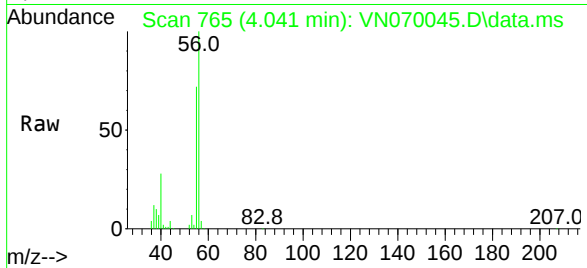




#13
Acrolein
Concen: 81.923 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

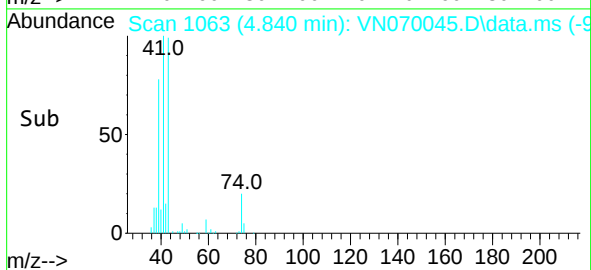
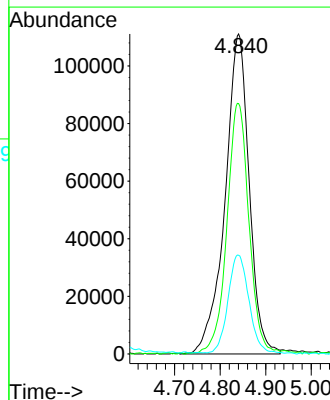
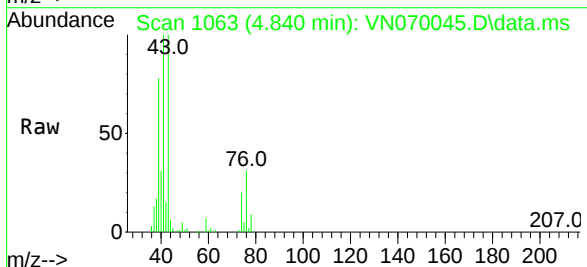
Instrument :
MSVOA_N
ClientSampleId :

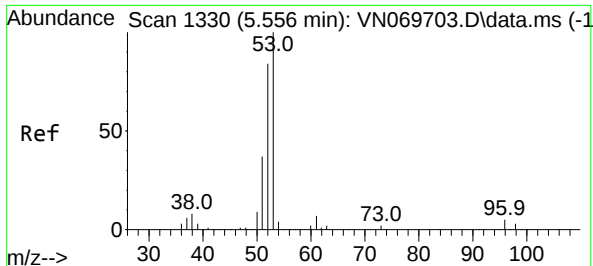
Tgt Ion: 56 Resp: 202881
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0



#14
Allyl chloride
Concen: 19.118 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 41 Resp: 408871
Ion Ratio Lower Upper
41 100
39 70.4 61.2 91.8
76 26.4 26.0 39.0

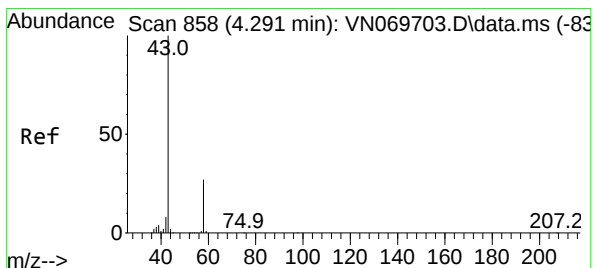
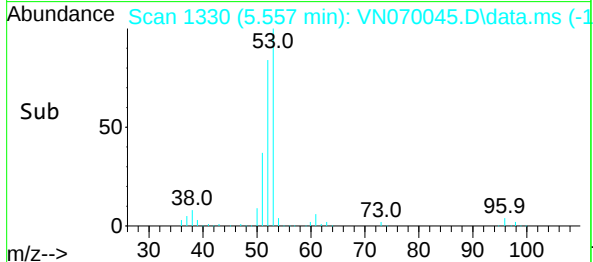
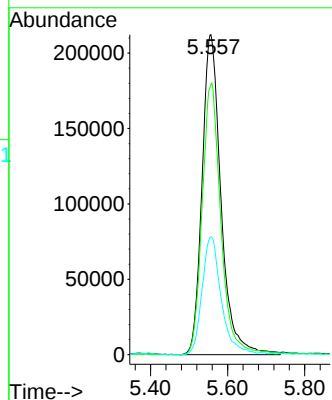
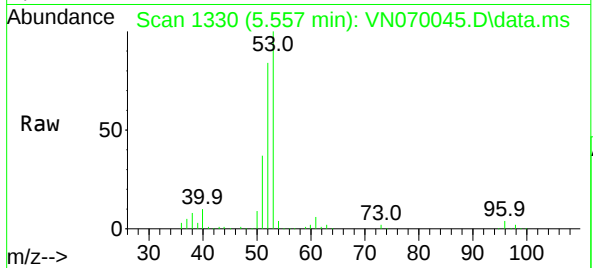




#15
Acrylonitrile
Concen: 92.518 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

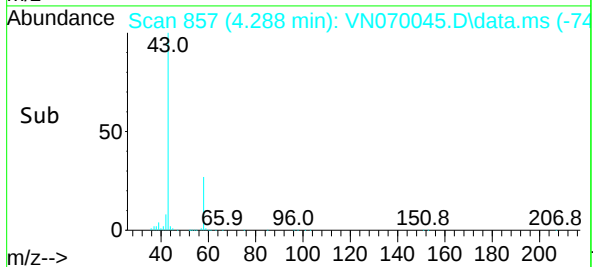
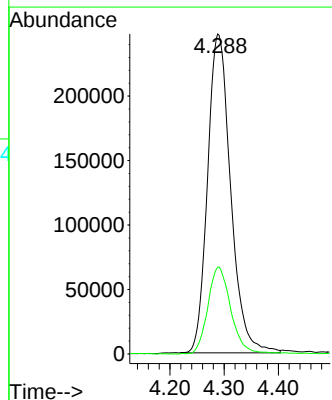
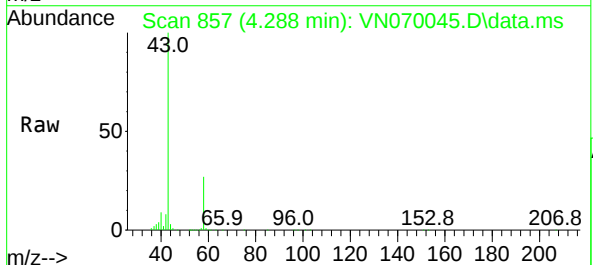
Instrument :
MSVOA_N
ClientSampleId :

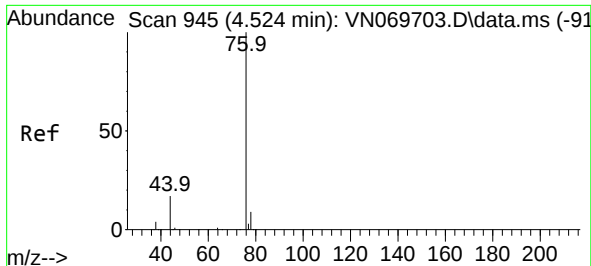
Tgt Ion: 53 Resp: 724989
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 37.2 29.6 44.4



#16
Acetone
Concen: 79.252 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

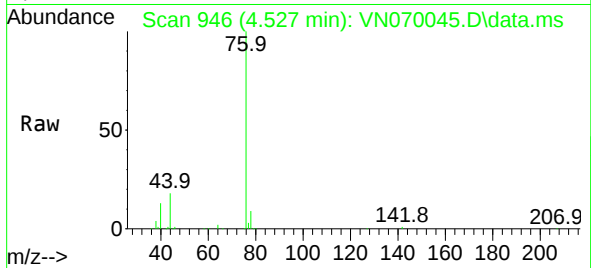
Tgt Ion: 43 Resp: 733444
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7



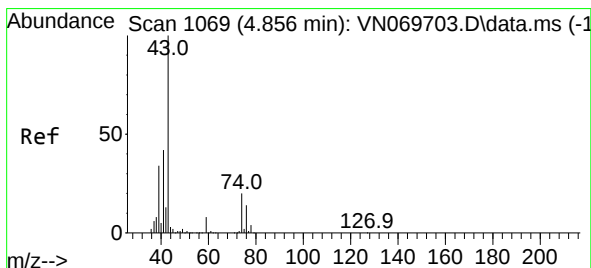
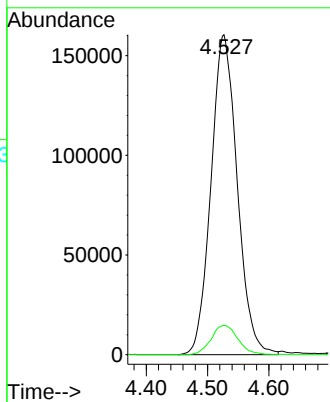
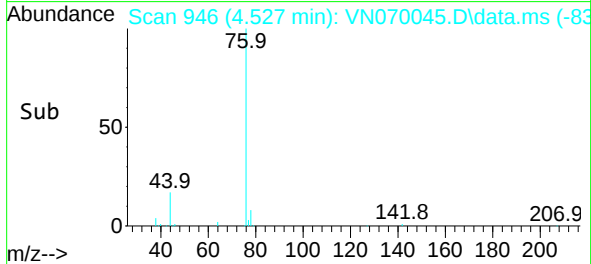


#17
Carbon Disulfide
Concen: 19.475 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

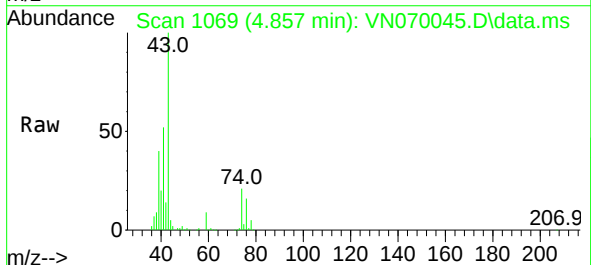
Instrument :
MSVOA_N
ClientSampleId :



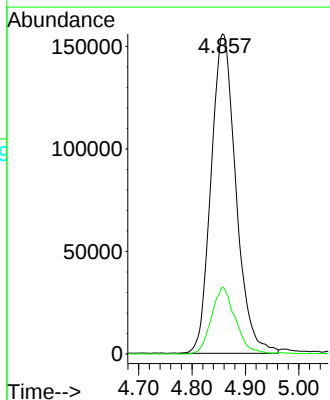
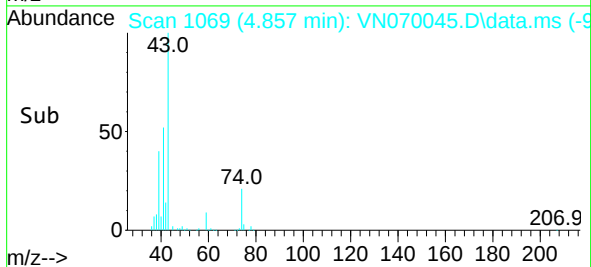
Tgt Ion: 76 Resp: 477538
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

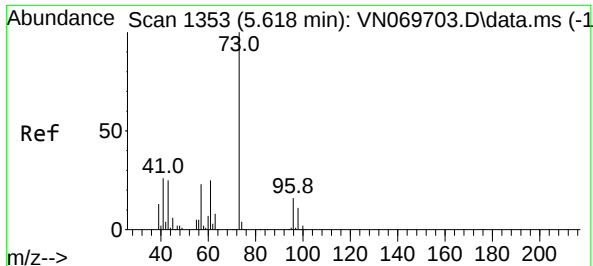


#18
Methyl Acetate
Concen: 18.019 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 43 Resp: 503340
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2

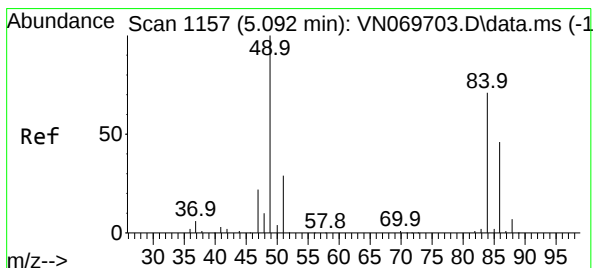
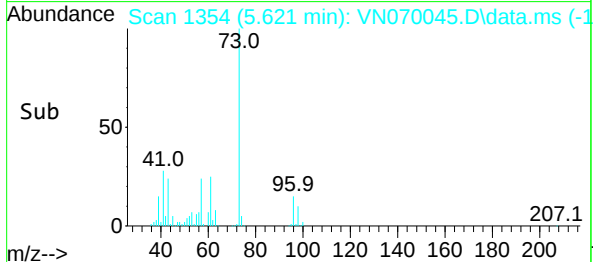
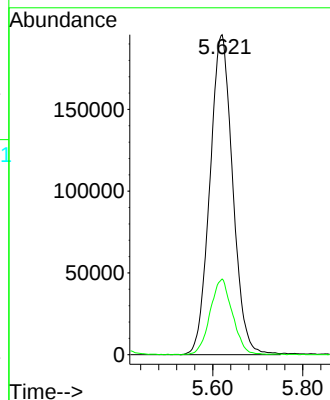
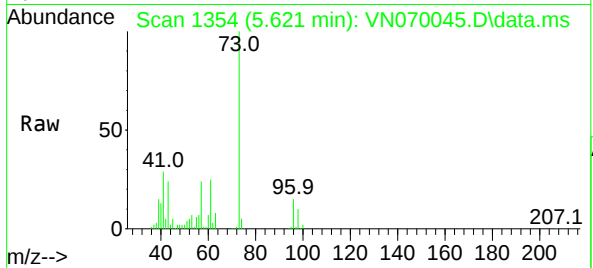




#19
Methyl tert-butyl Ether
Concen: 18.664 ug/l
RT: 5.621 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

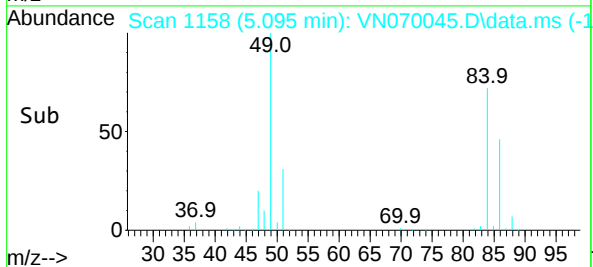
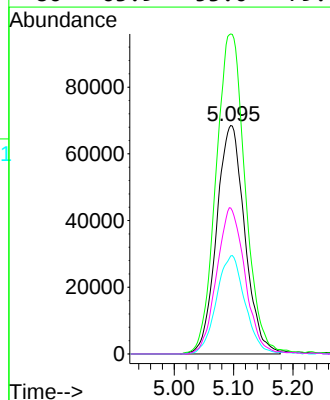
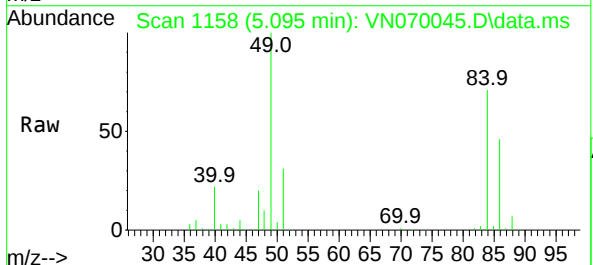
Instrument :
MSVOA_N
ClientSampleId :

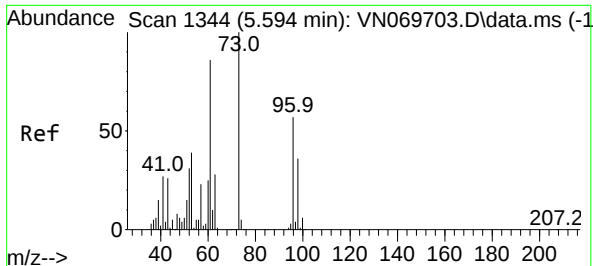
Tgt Ion: 73 Resp: 688794
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2



#20
Methylene Chloride
Concen: 18.416 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

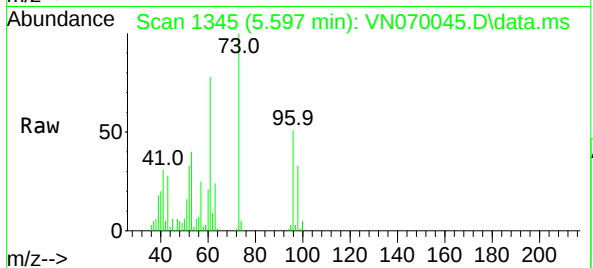
Tgt Ion: 84 Resp: 226571
Ion Ratio Lower Upper
84 100
49 140.1 93.5 140.3
51 43.0 29.4 44.2
86 63.9 53.0 79.4



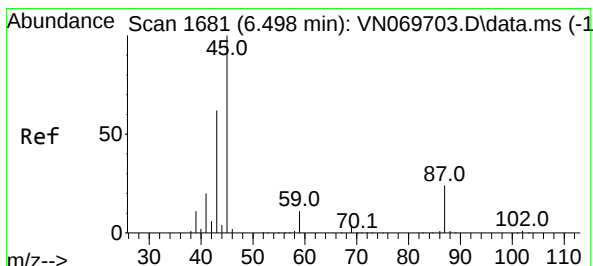
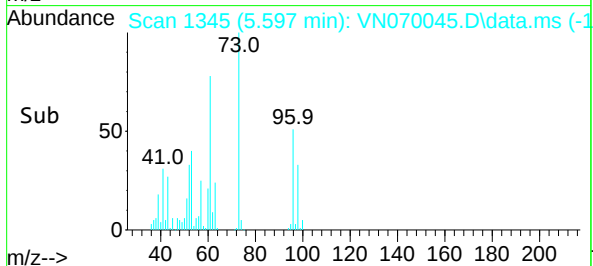
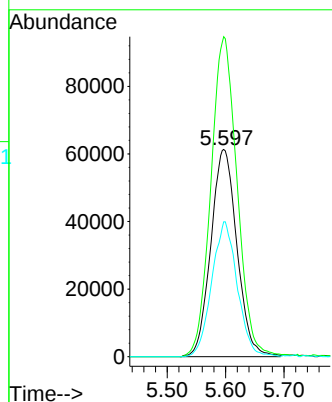


#21
trans-1,2-Dichloroethene
Concen: 18.485 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

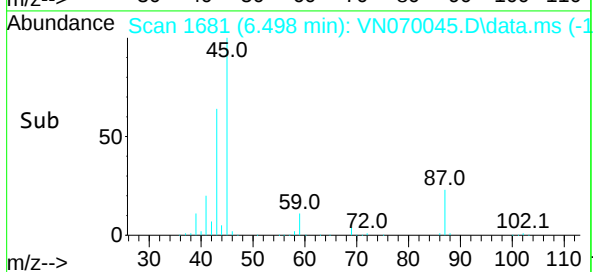
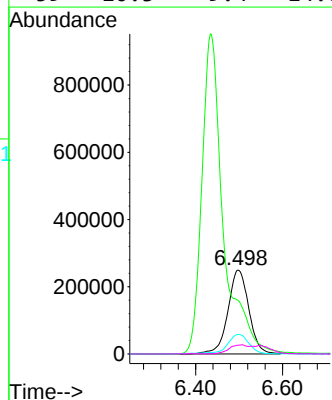
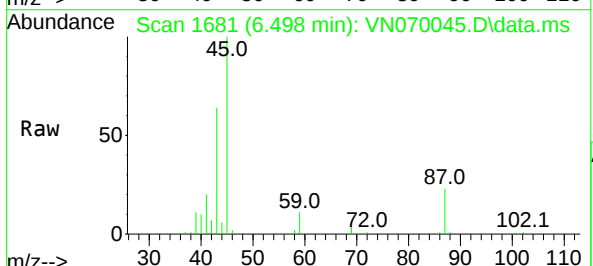


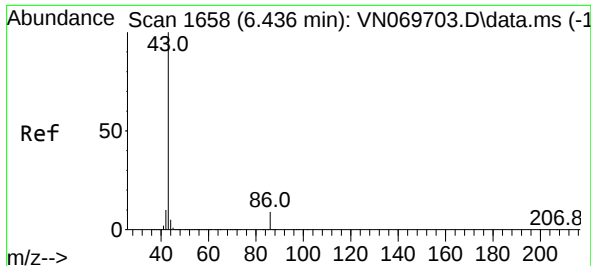
Tgt Ion: 96 Resp: 190557
Ion Ratio Lower Upper
96 100
61 154.4 105.8 158.6
98 65.1 52.0 78.0



#22
Diisopropyl ether
Concen: 19.934 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

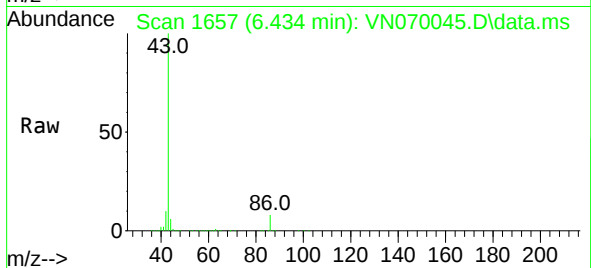
Tgt Ion: 45 Resp: 833284
Ion Ratio Lower Upper
45 100
43 63.6 51.7 77.5
87 23.2 23.2 34.8
59 10.3 9.4 14.0



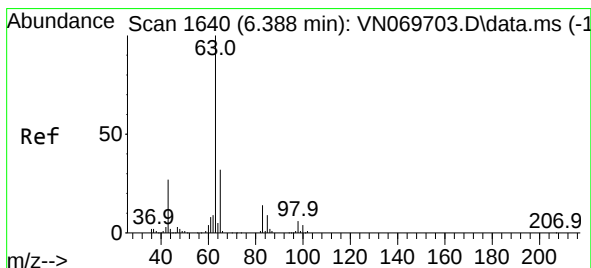
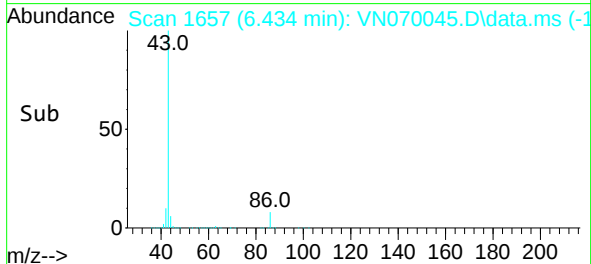
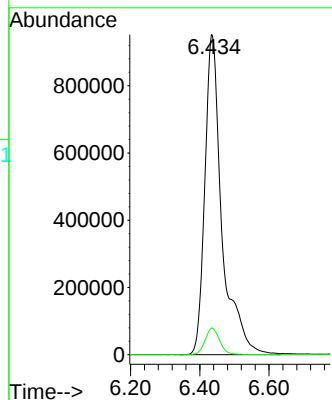


#23
 Vinyl Acetate
 Concen: 95.969 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Instrument :
 MSVOA_N
 ClientSampleId :

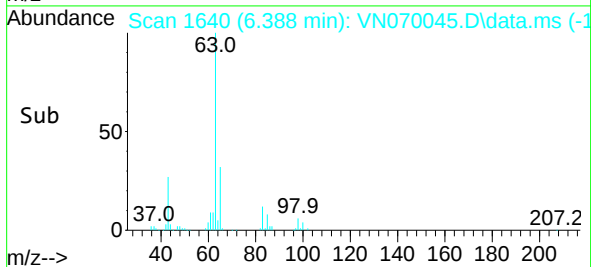
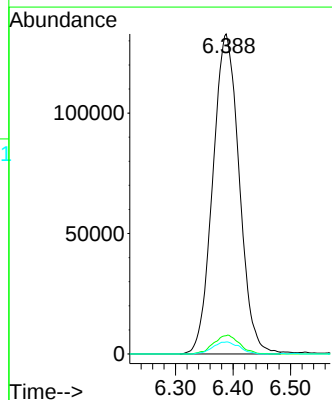
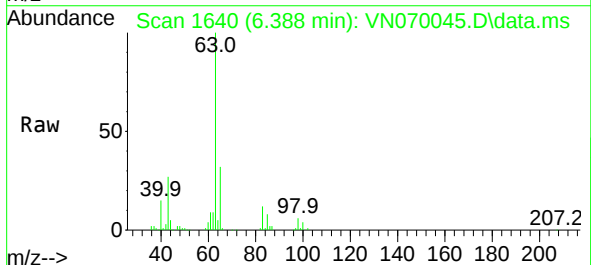


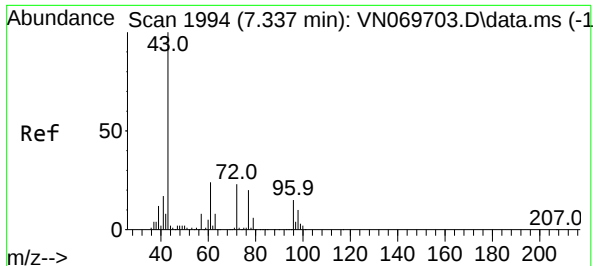
Tgt Ion: 43 Resp: 3263804
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 19.586 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Tgt Ion: 63 Resp: 424124
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 85.748 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

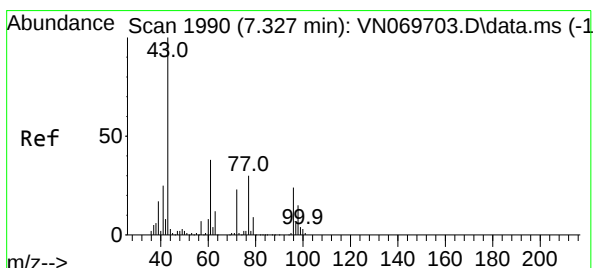
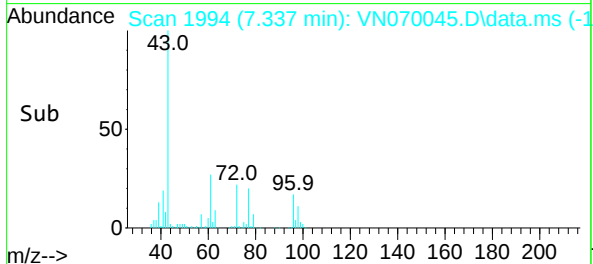
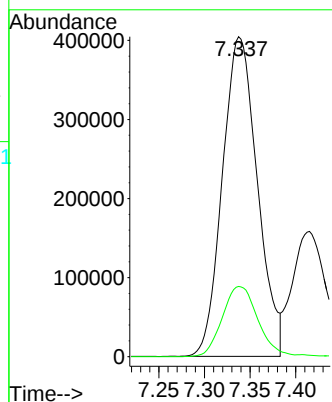
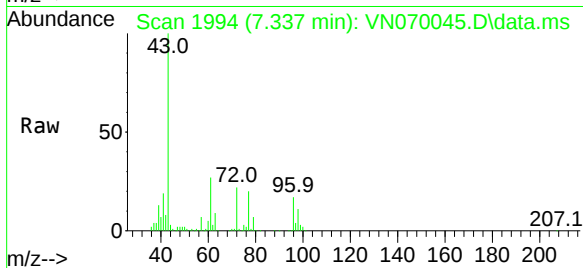
ClientSampleId :

Tgt Ion: 43 Resp: 1078215

Ion Ratio Lower Upper

43 100

72 22.0 21.7 32.5



#26

2,2-Dichloropropane

Concen: 17.471 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070045.D

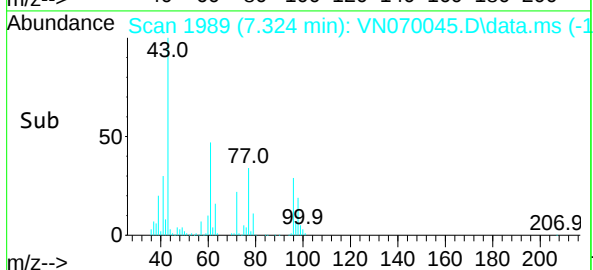
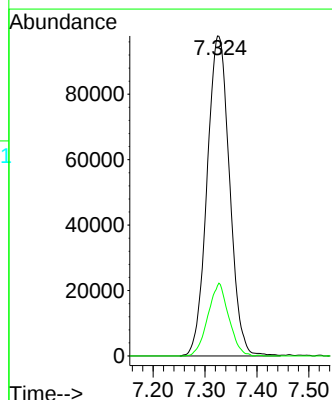
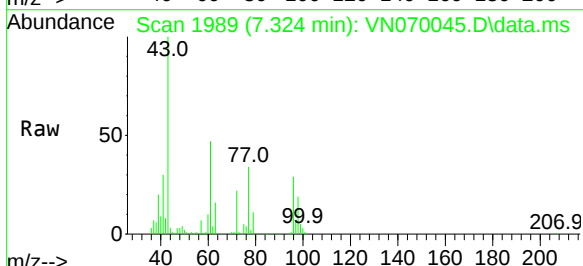
Acq: 13 Dec 2021 22:00

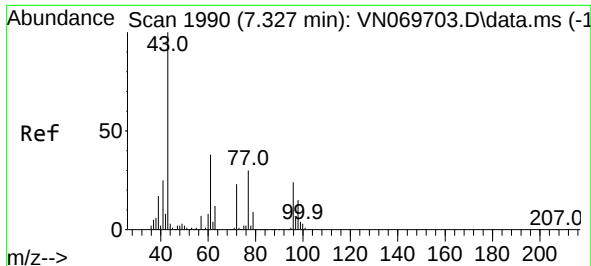
Tgt Ion: 77 Resp: 294146

Ion Ratio Lower Upper

77 100

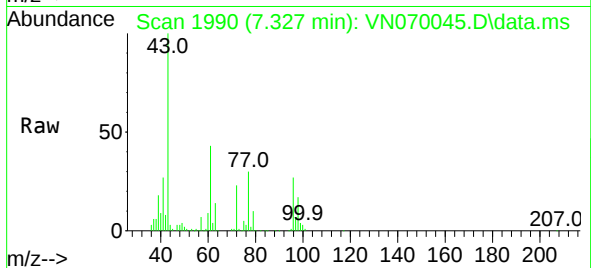
97 21.1 11.6 34.8



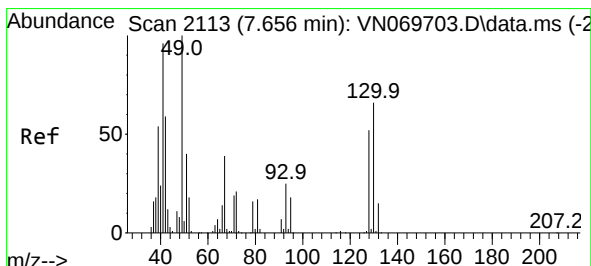
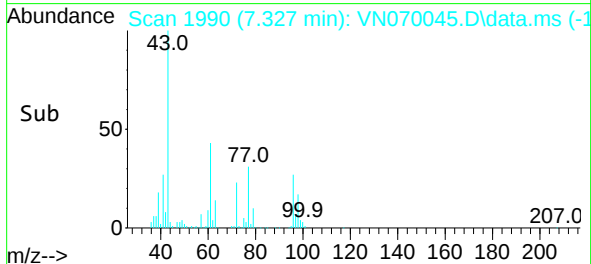
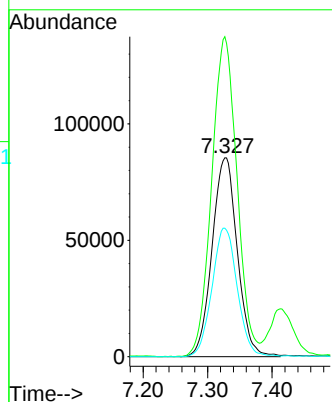


#27
 cis-1,2-Dichloroethene
 Concen: 18.680 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Instrument :
 MSVOA_N
 ClientSampleId :

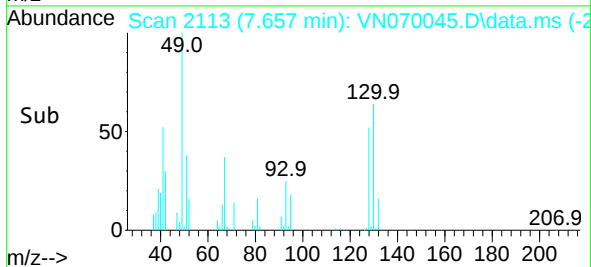
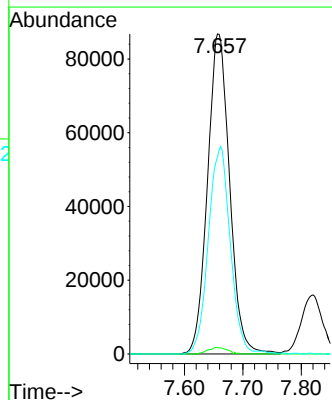
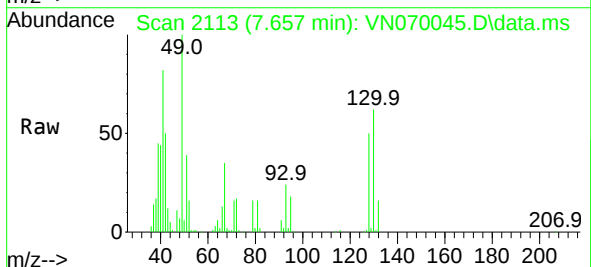


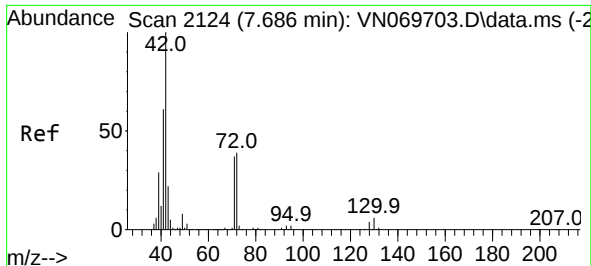
Tgt Ion: 96 Resp: 232665
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 275.0
 98 64.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 20.289 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Tgt Ion: 49 Resp: 228469
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 63.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 92.228 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.003 min

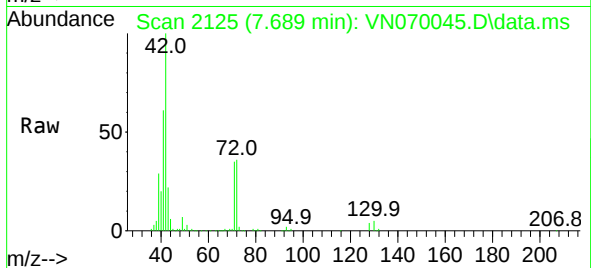
Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

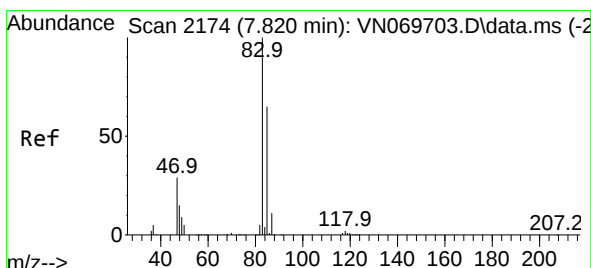
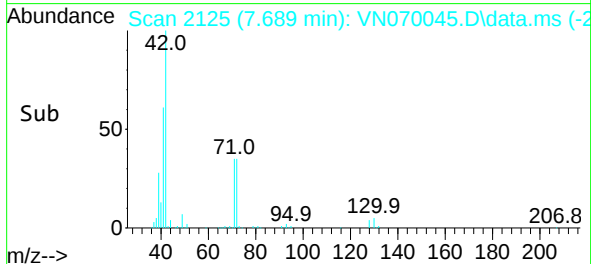
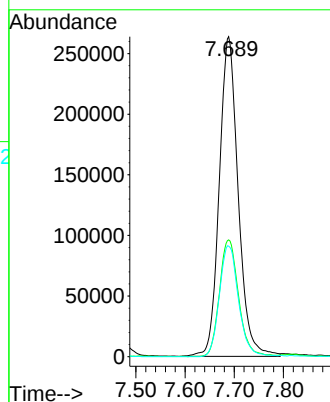
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	704200
Ion	Ratio	Lower	Upper
42	100		
72	36.6	36.3	54.5
71	35.2	34.7	52.1



#30

Chloroform

Concen: 19.896 ug/l

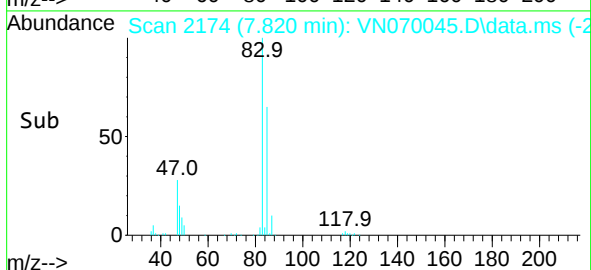
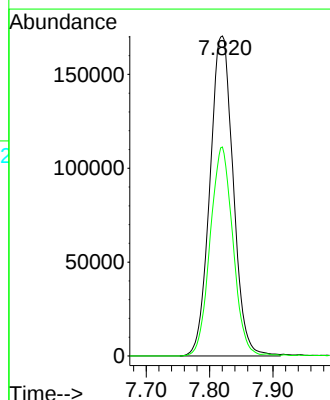
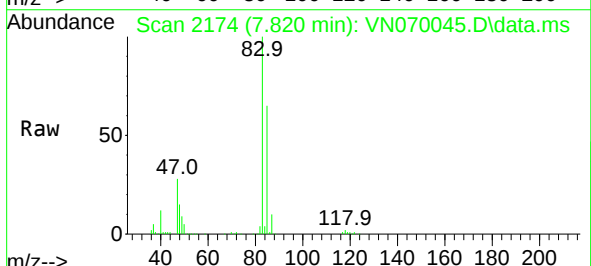
RT: 7.820 min Scan# 2174

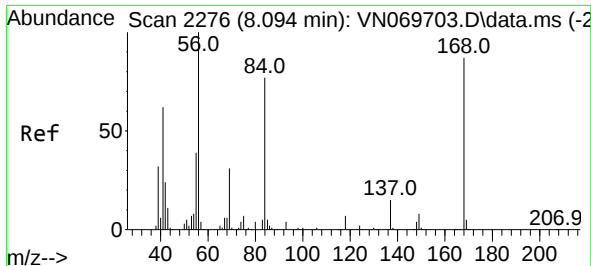
Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

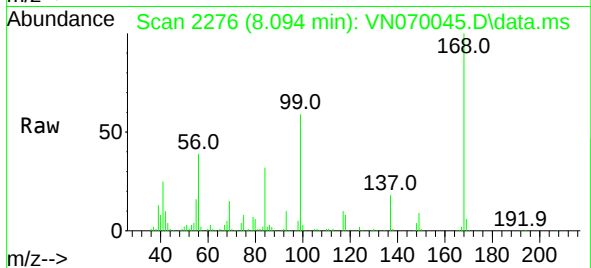
Tgt Ion:	83	Resp:	435115
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9



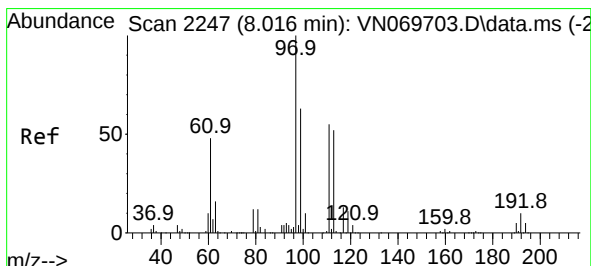
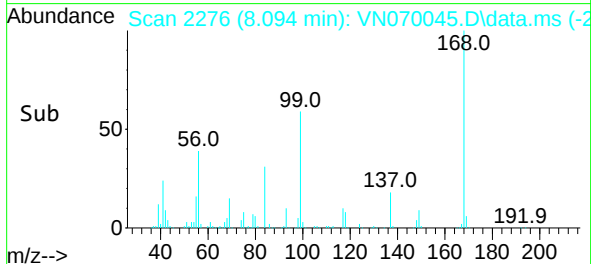
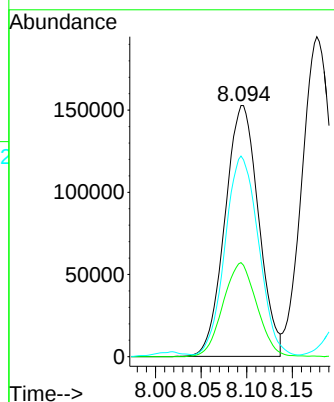


#31
Cyclohexane
Concen: 18.244 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

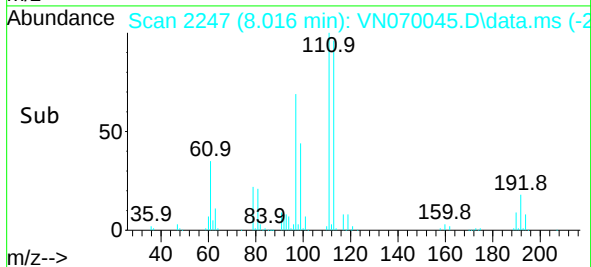
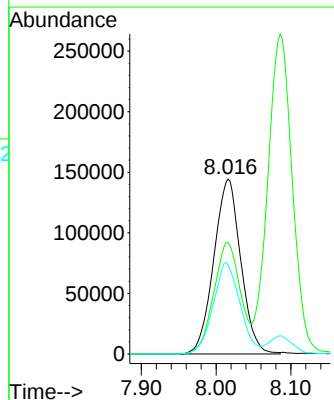
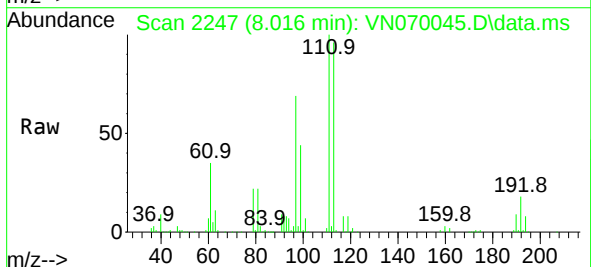


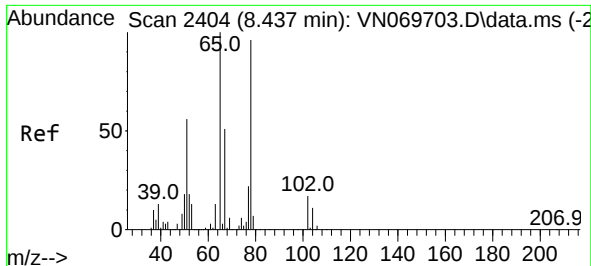
Tgt Ion: 56 Resp: 390612
Ion Ratio Lower Upper
56 100
69 37.5 27.1 40.7
84 78.8 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 19.437 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 97 Resp: 362079
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 52.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.767 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

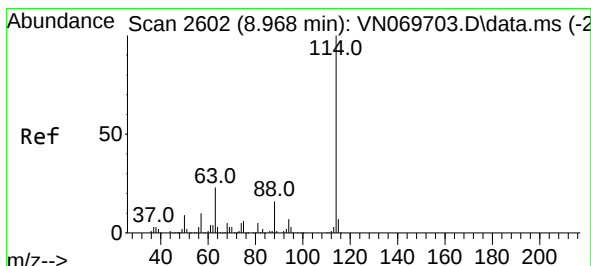
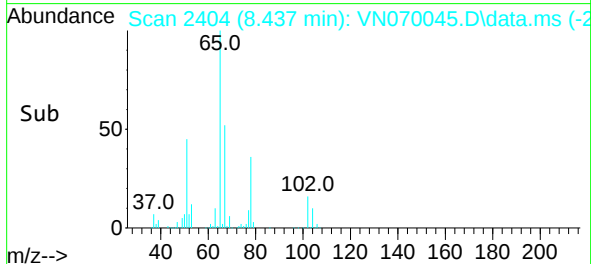
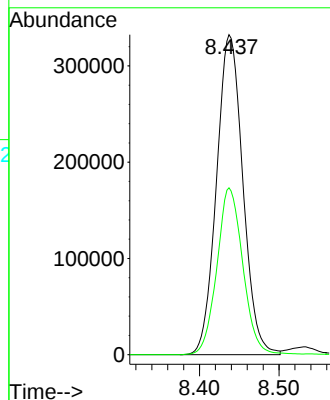
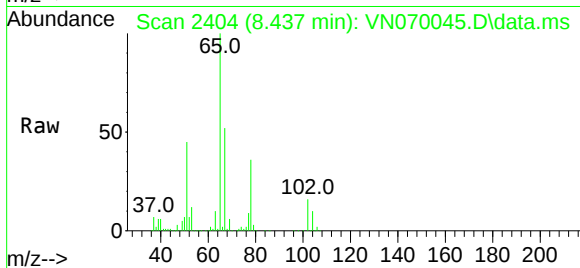
ClientSampleId :

Tgt Ion: 65 Resp: 765652

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

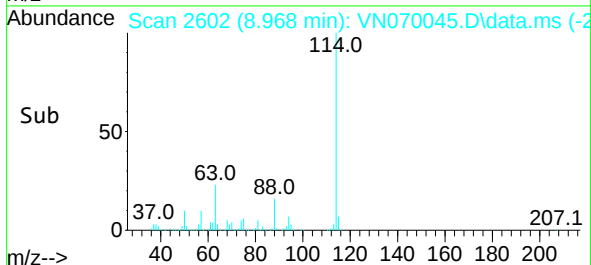
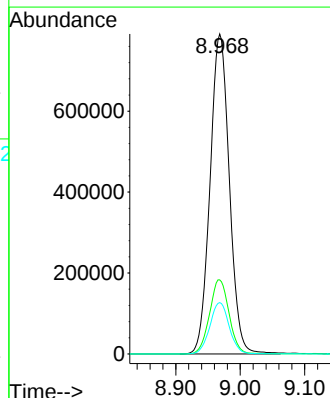
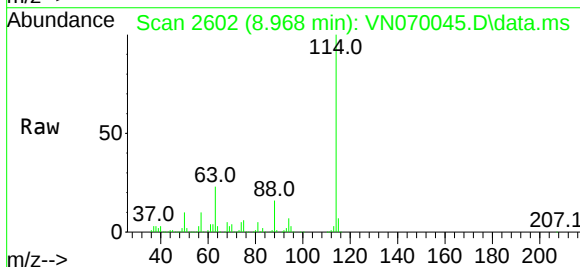
Tgt Ion: 114 Resp: 1644189

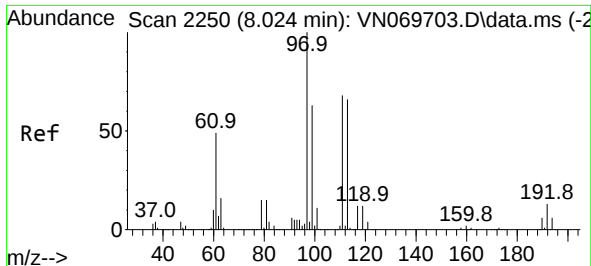
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

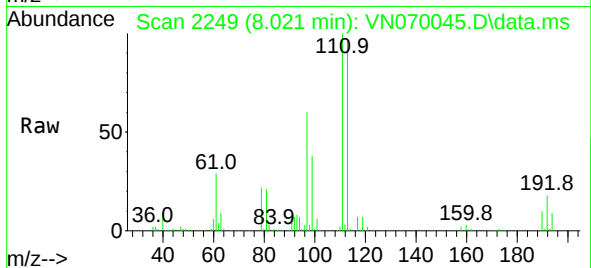
88 16.0 0.0 27.4



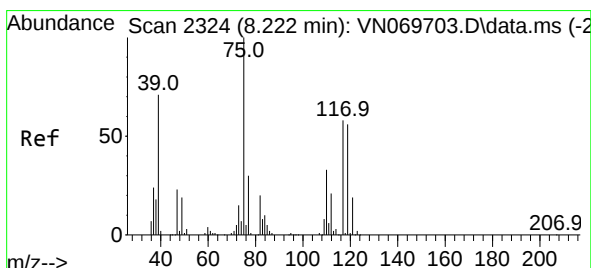
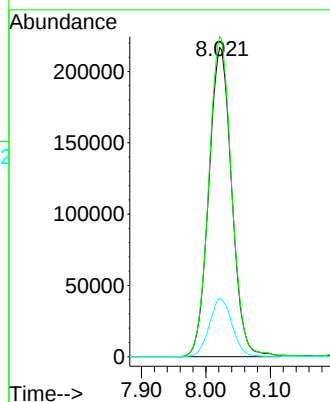
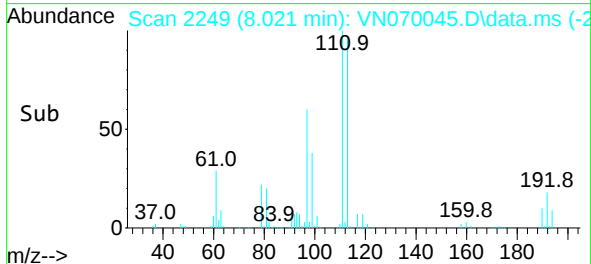


#35
Dibromofluoromethane
Concen: 52.085 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

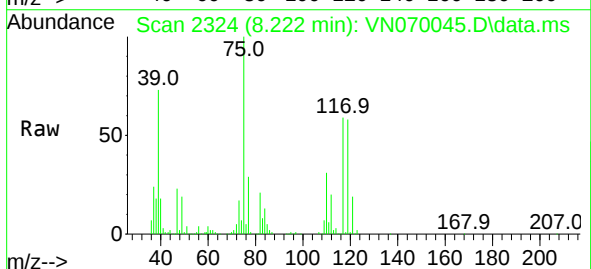
Instrument :
MSVOA_N
ClientSampleId :



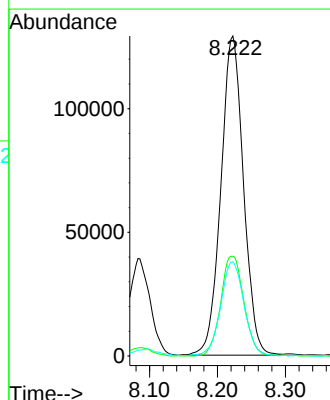
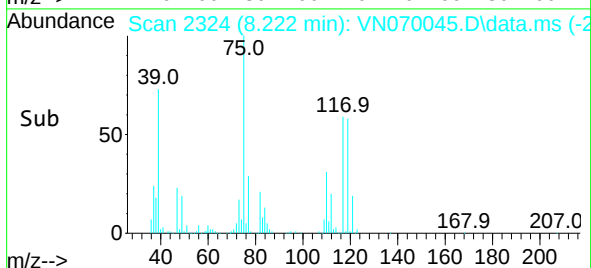
Tgt Ion:113 Resp: 536414
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.6 16.9 25.3

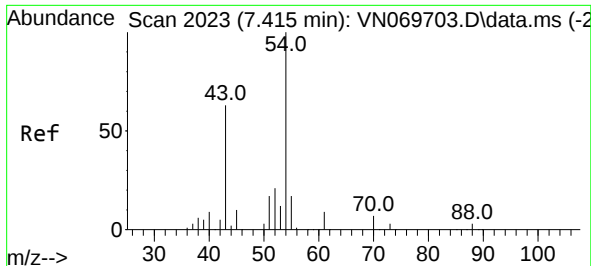


#36
1,1-Dichloropropene
Concen: 19.061 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 75 Resp: 298349
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 17.275 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

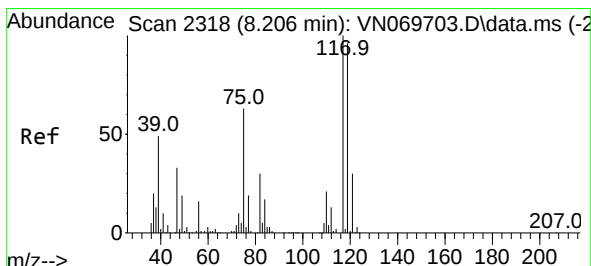
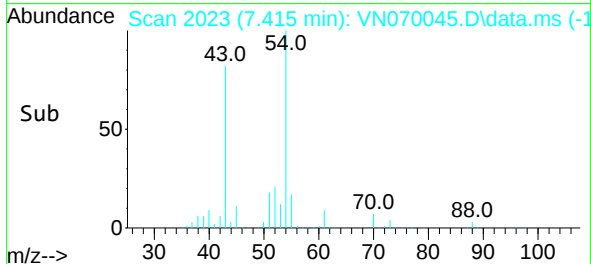
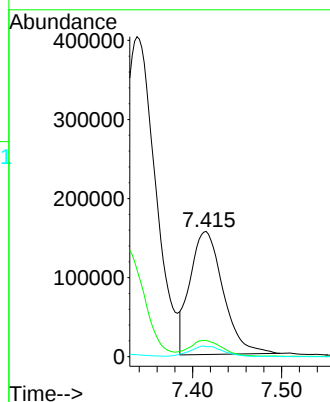
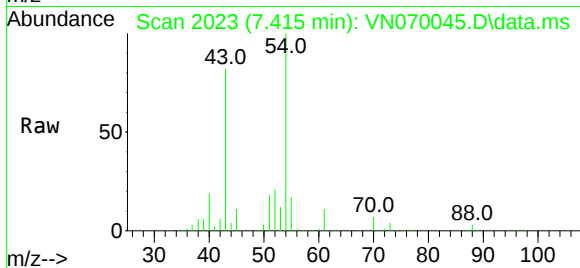
Tgt Ion: 43 Resp: 402451

Ion Ratio Lower Upper

43 100

61 12.5 11.5 17.3

70 8.3 7.9 11.9



#38

Carbon Tetrachloride

Concen: 20.167 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

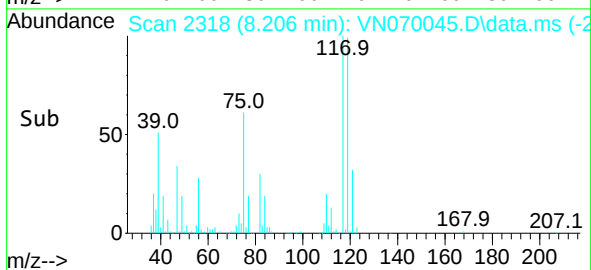
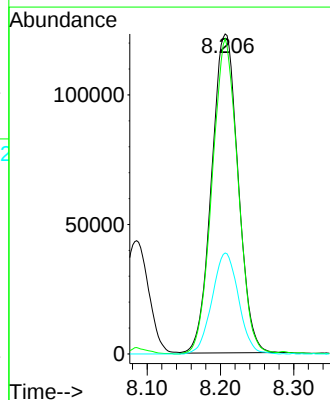
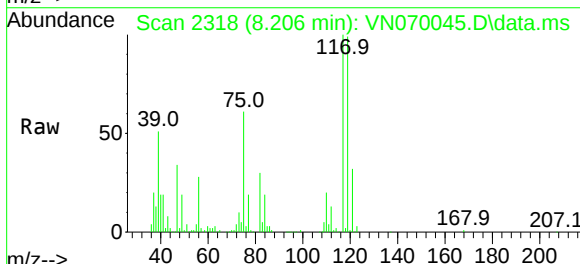
Tgt Ion: 117 Resp: 309544

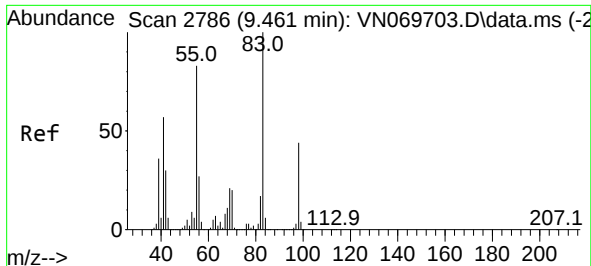
Ion Ratio Lower Upper

117 100

119 99.0 76.1 114.1

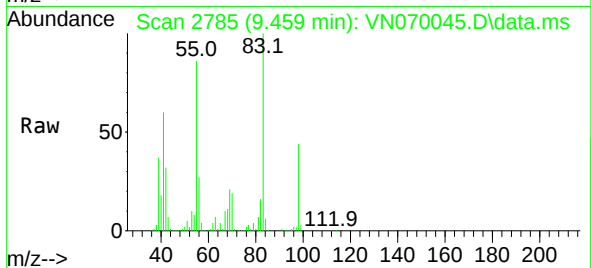
121 31.7 24.2 36.2



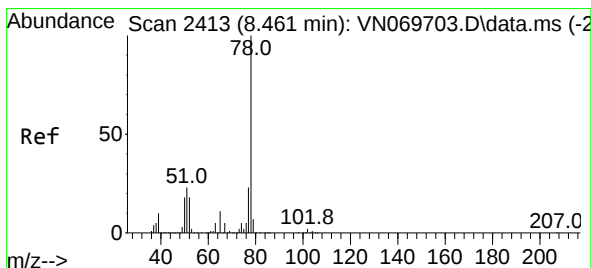
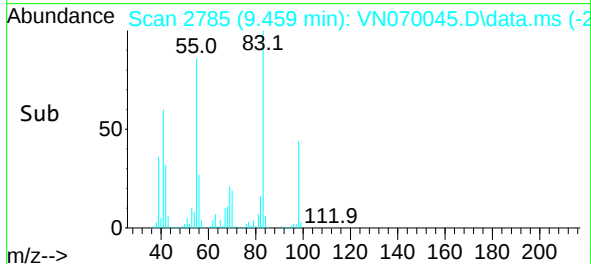
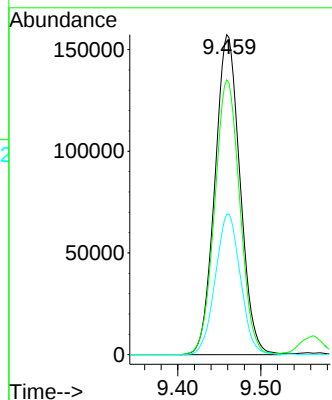


#39
Methylcyclohexane
Concen: 17.734 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

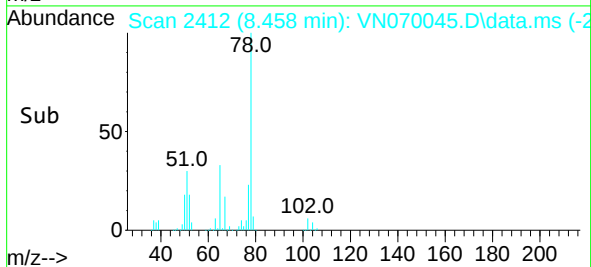
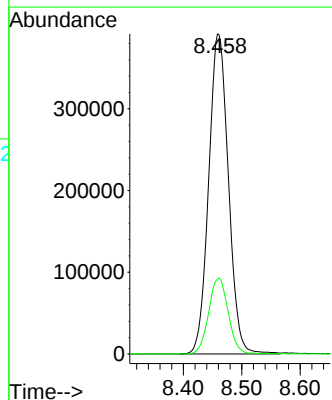
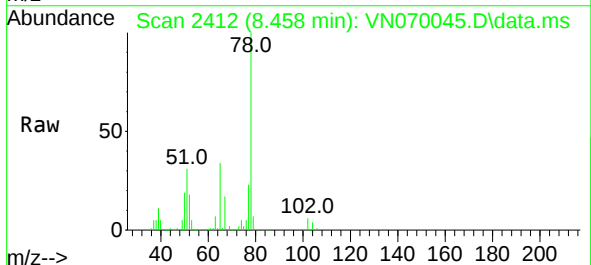


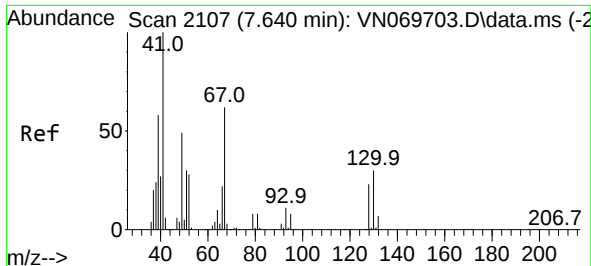
Tgt Ion: 83 Resp: 330178
Ion Ratio Lower Upper
83 100
55 85.9 58.1 87.1
98 43.9 38.4 57.6



#40
Benzene
Concen: 19.188 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

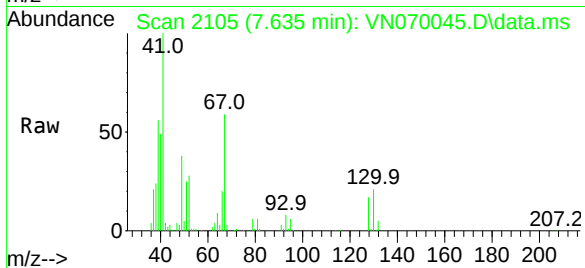
Tgt Ion: 78 Resp: 918016
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



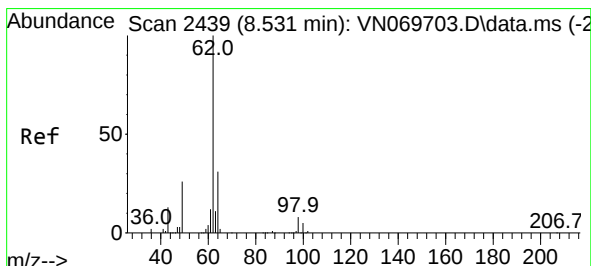
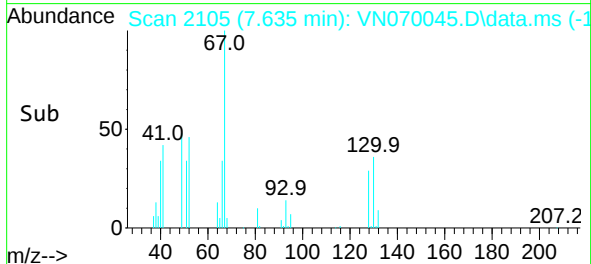
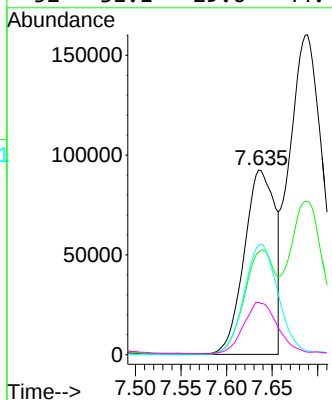


#41
Methacrylonitrile
Concen: 19.795 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

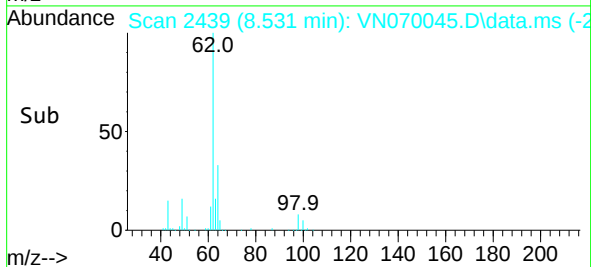
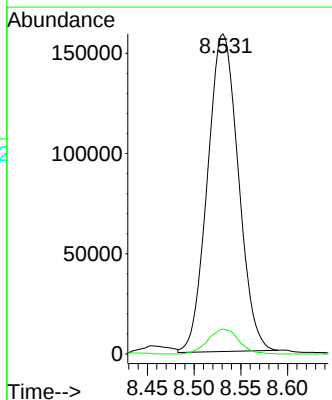
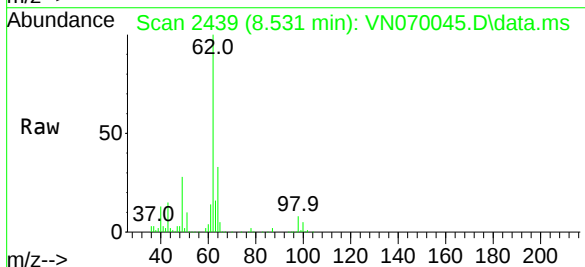


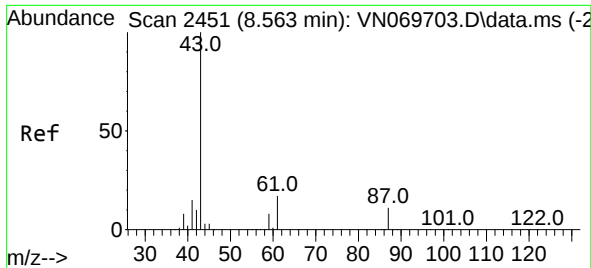
Tgt Ion:	41	Resp:	216477
Ion Ratio	Lower	Upper	
41	100		
39	56.9	48.1	72.1
67	67.5	68.3	102.5
52	31.1	29.6	44.4



#42
1,2-Dichloroethane
Concen: 18.865 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:	62	Resp:	364349
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	17.6

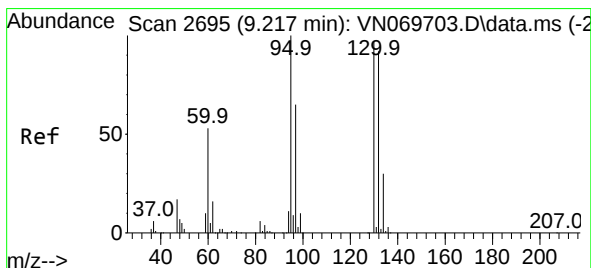
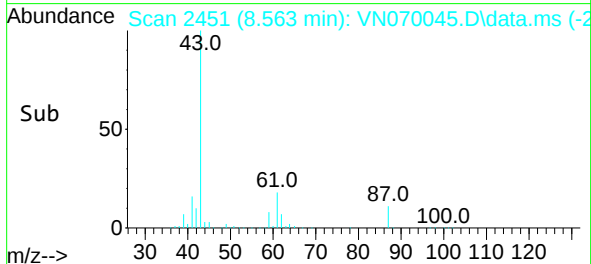
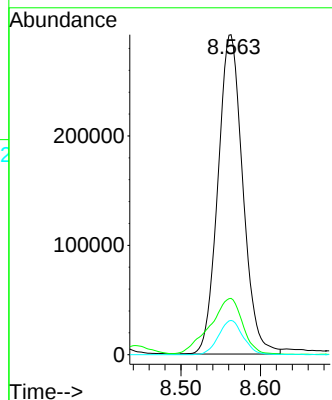
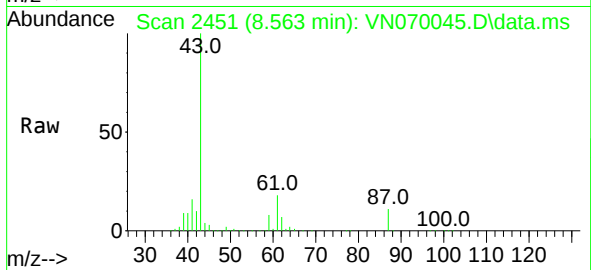




#43
Isopropyl Acetate
Concen: 18.406 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

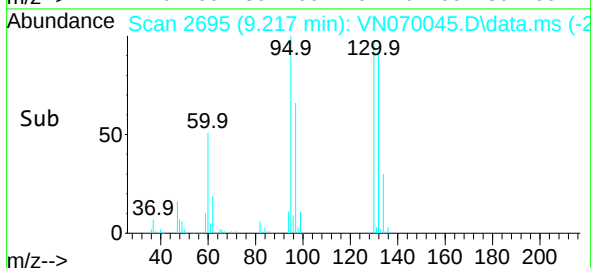
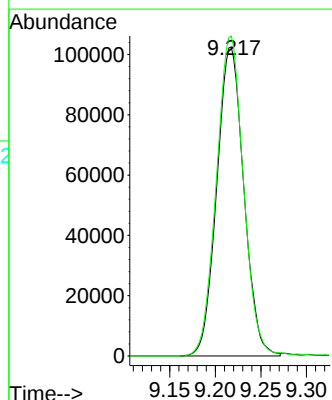
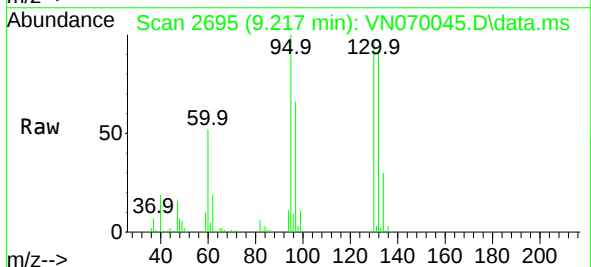
Instrument :
MSVOA_N
ClientSampleId :

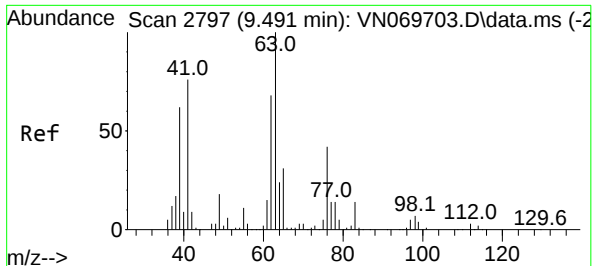
Tgt Ion: 43 Resp: 634544
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 10.6 11.2 16.8#



#44
Trichloroethene
Concen: 18.488 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:130 Resp: 211115
Ion Ratio Lower Upper
130 100
95 103.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.697 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

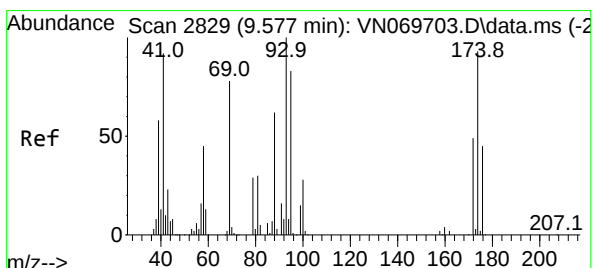
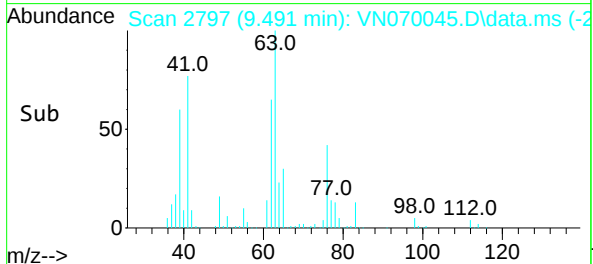
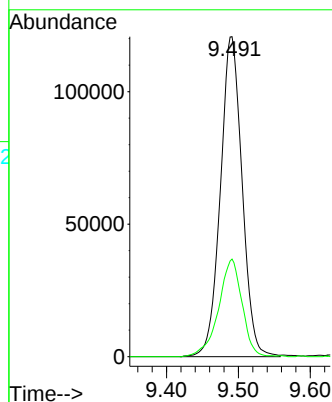
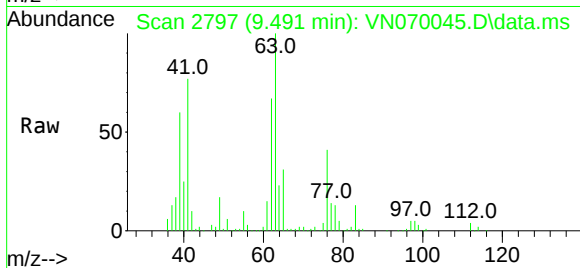
ClientSampleId :

Tgt Ion: 63 Resp: 253062

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 19.381 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

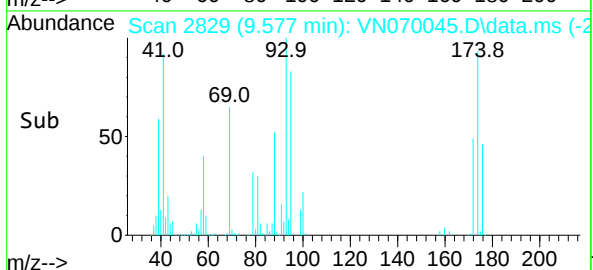
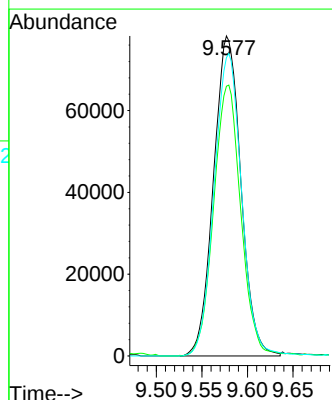
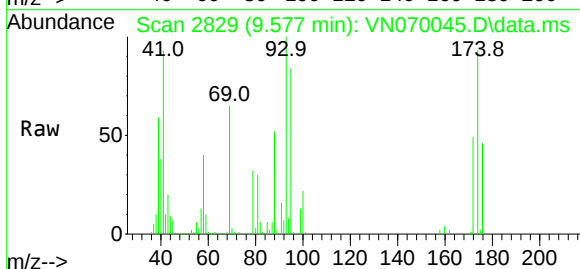
Tgt Ion: 93 Resp: 163297

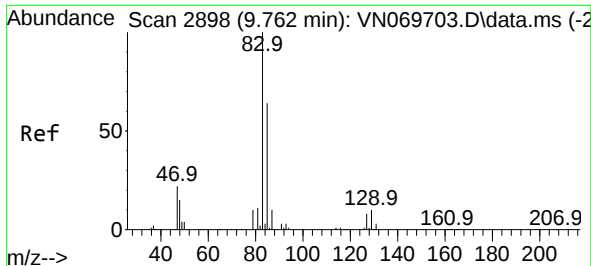
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

174 94.6 84.6 127.0

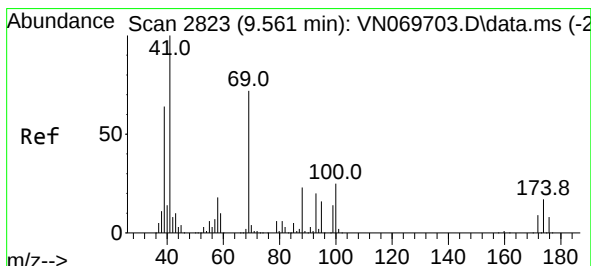
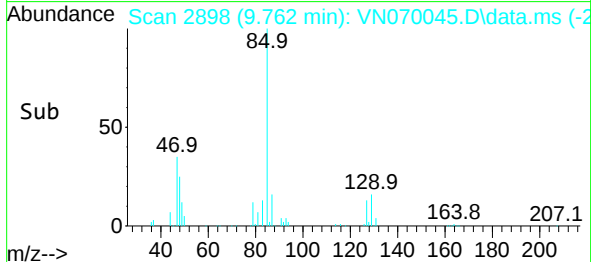
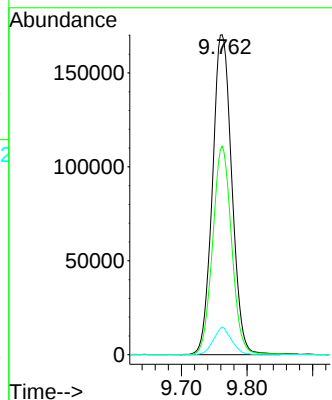
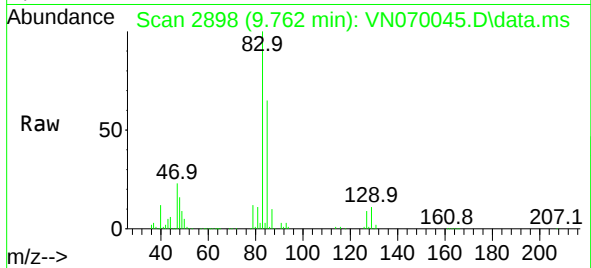




#47
Bromodichloromethane
Concen: 21.901 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

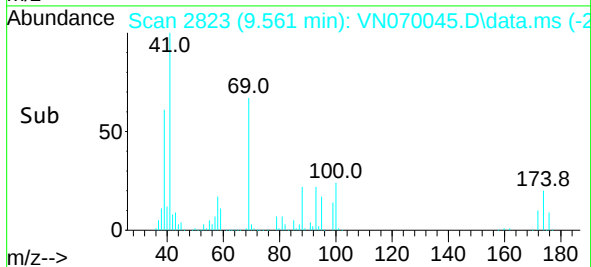
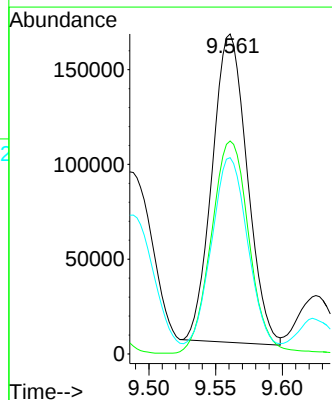
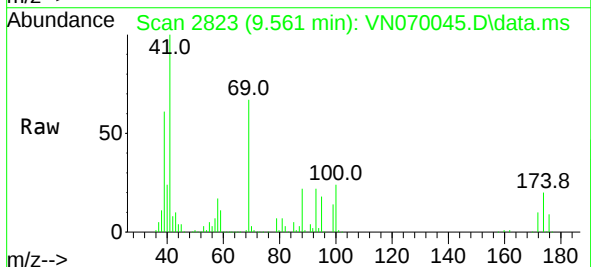
Instrument :
MSVOA_N
ClientSampleId :

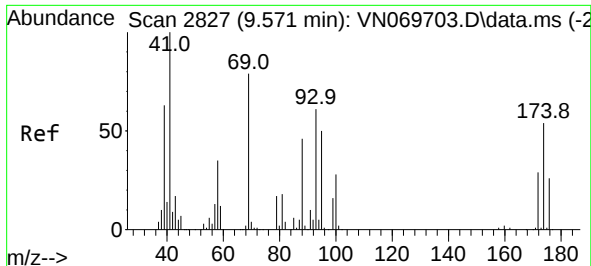
Tgt Ion: 83 Resp: 349395
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 18.465 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 41 Resp: 297077
Ion Ratio Lower Upper
41 100
69 74.4 72.4 108.6
39 67.4 58.4 87.6





#49

1,4-Dioxane

Concen: 355.047 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

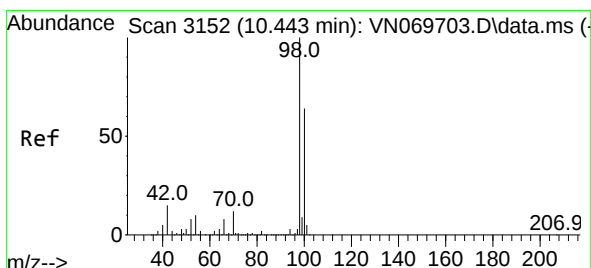
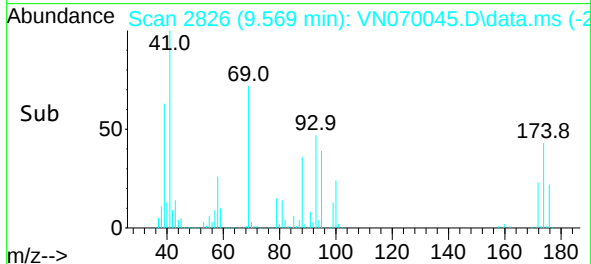
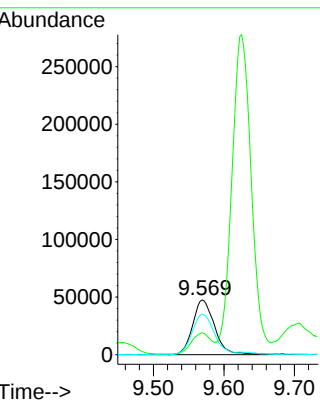
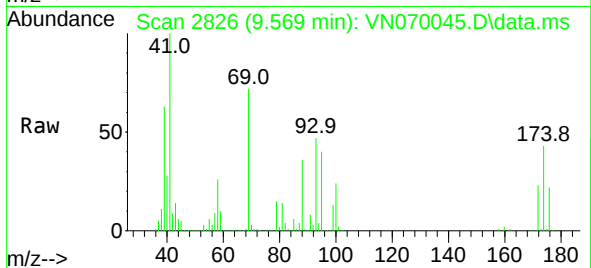
Tgt Ion: 88 Resp: 102494

Ion Ratio Lower Upper

88 100

43 34.6 23.4 35.2

58 74.8 50.6 75.8



#50

Toluene-d8

Concen: 49.573 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070045.D

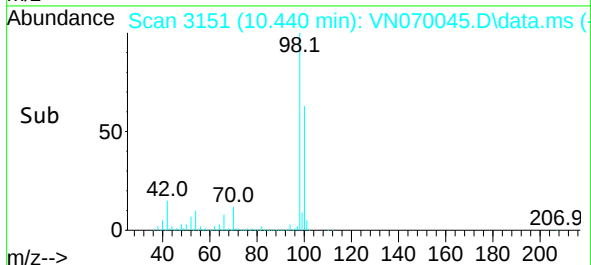
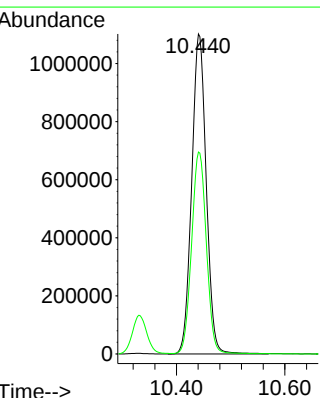
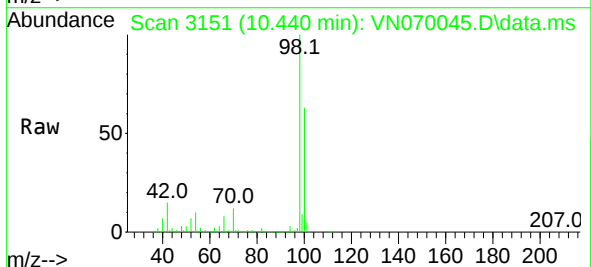
Acq: 13 Dec 2021 22:00

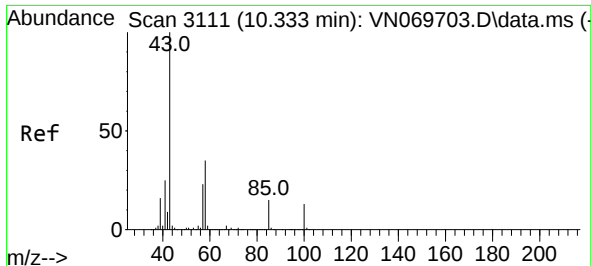
Tgt Ion: 98 Resp: 2049992

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 96.403 ug/l

RT: 10.330 min Scan# 3111

Delta R.T. -0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

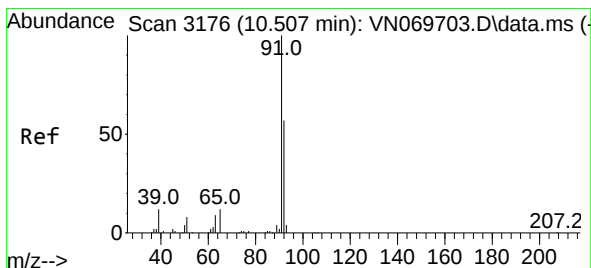
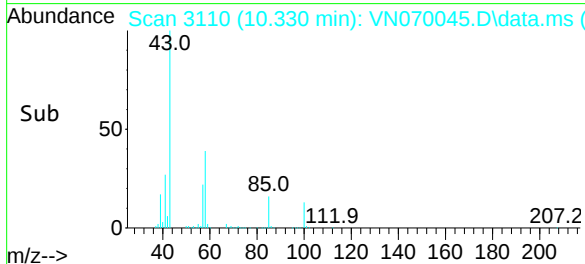
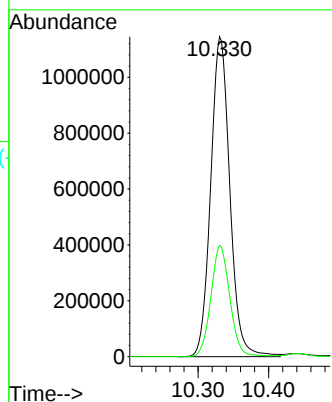
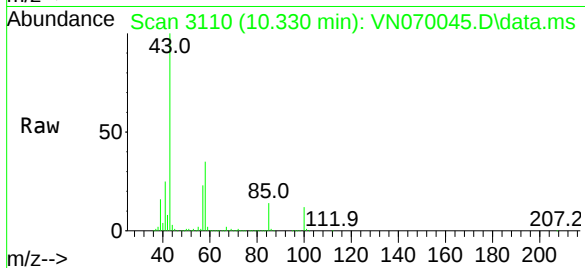
ClientSampleId :

Tgt Ion: 43 Resp: 2156026

Ion Ratio Lower Upper

43 100

58 34.5 30.4 45.6



#52

Toluene

Concen: 19.006 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN070045.D

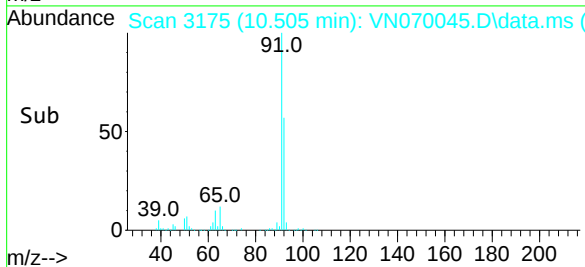
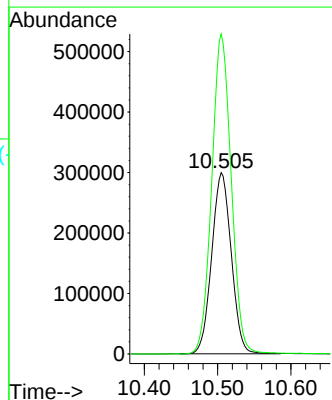
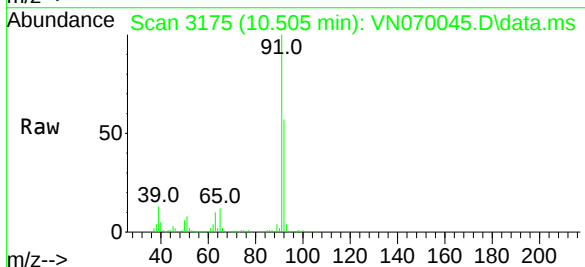
Acq: 13 Dec 2021 22:00

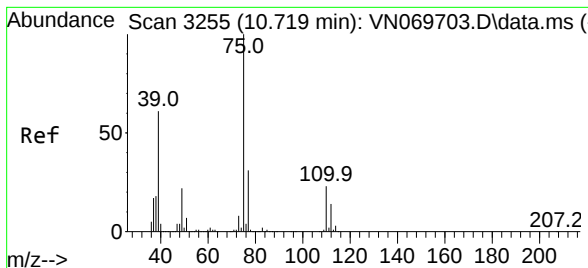
Tgt Ion: 92 Resp: 555150

Ion Ratio Lower Upper

92 100

91 176.5 142.0 213.0

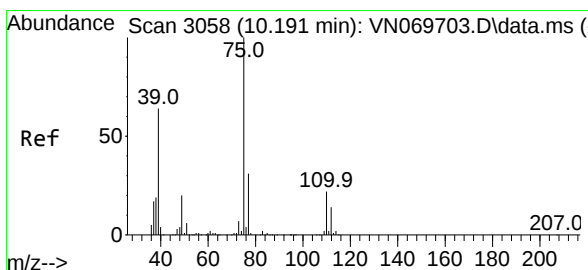
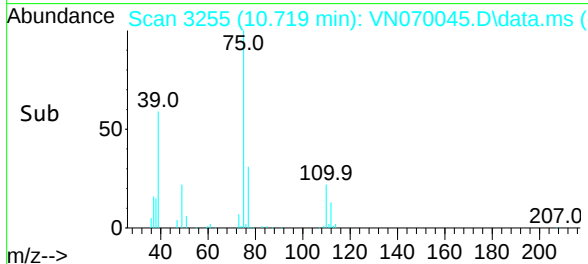
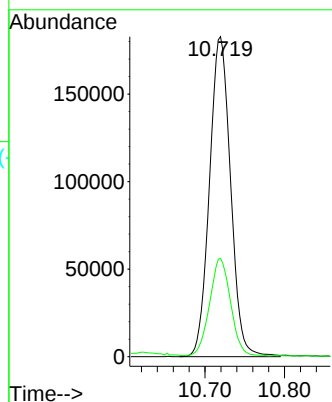
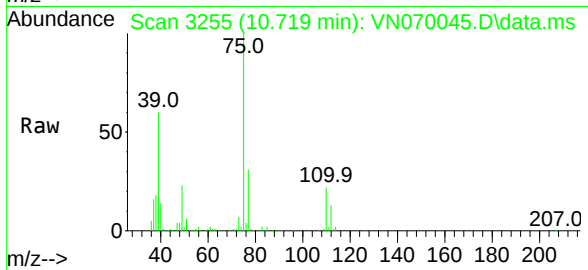




#53
t-1,3-Dichloropropene
Concen: 19.356 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

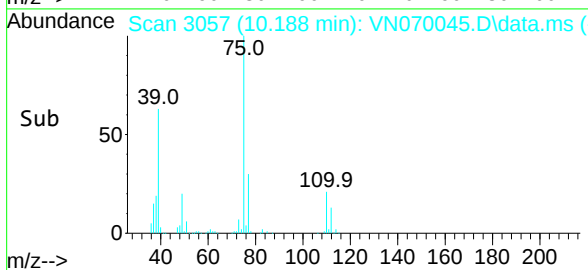
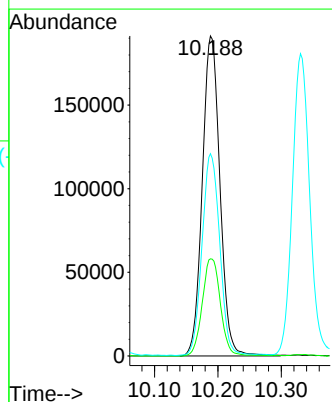
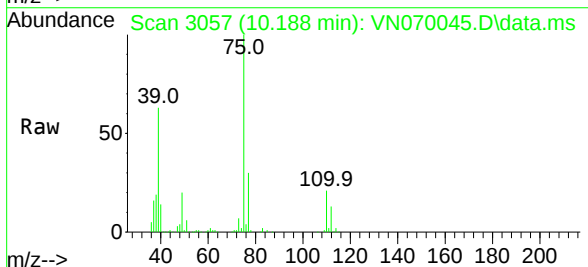
Instrument :
MSVOA_N
ClientSampleId :

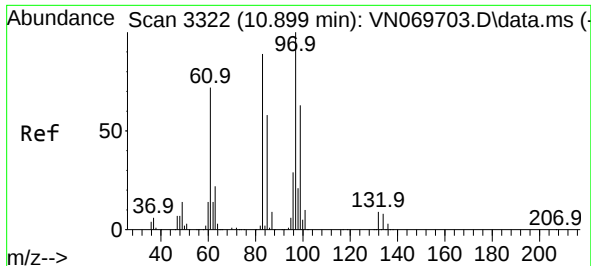
Tgt Ion: 75 Resp: 336639
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.641 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 75 Resp: 370107
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6
39 62.9 42.5 63.7



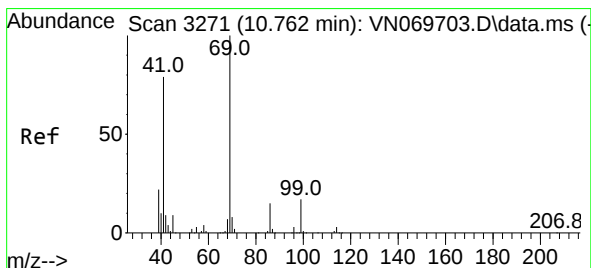
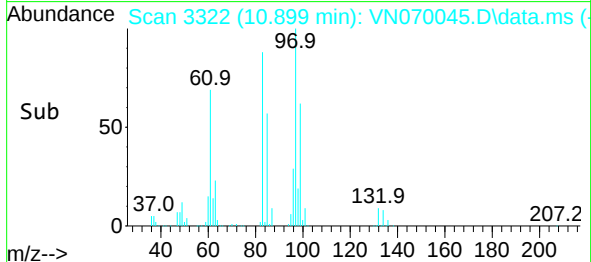
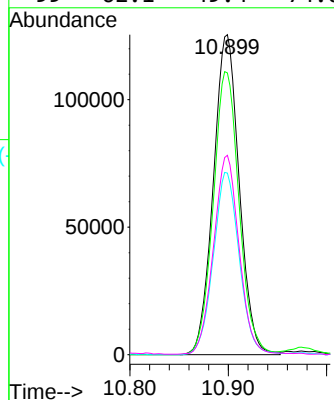
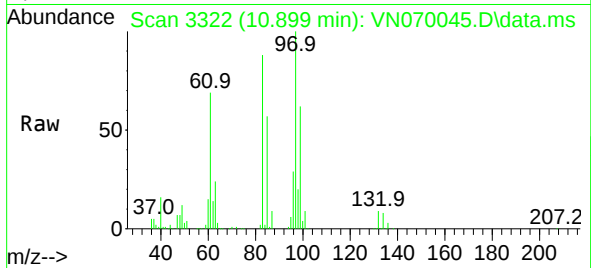


#55
1,1,2-Trichloroethane
Concen: 19.450 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 229223

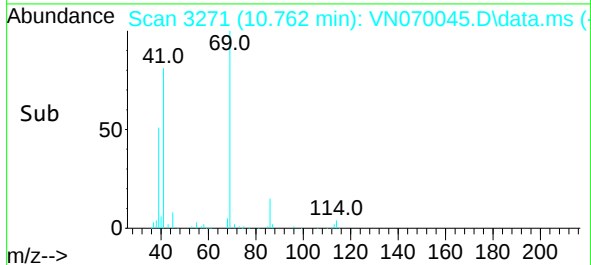
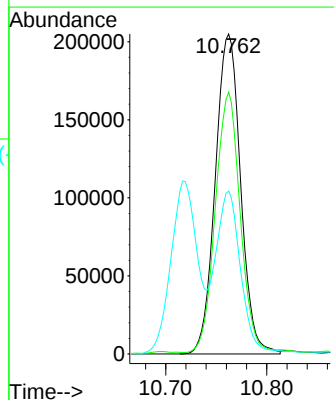
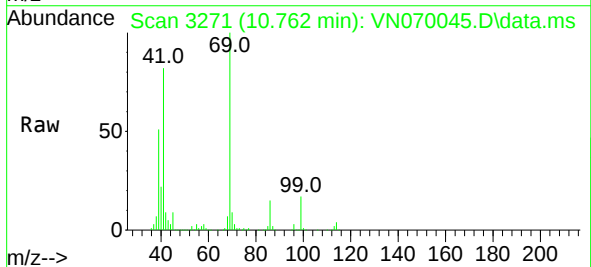
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	56.8	45.4	68.2
99	62.1	49.4	74.0

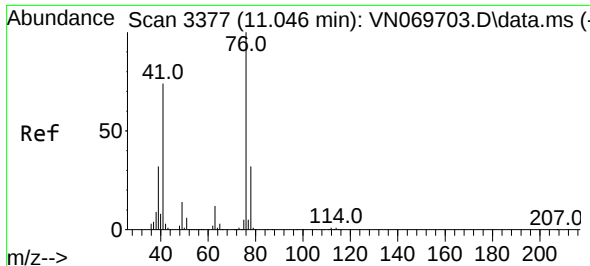


#56
Ethyl methacrylate
Concen: 17.580 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 69 Resp: 356480

Ion	Ratio	Lower	Upper
69	100		
41	80.1	51.4	77.0#
39	48.8	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.307 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

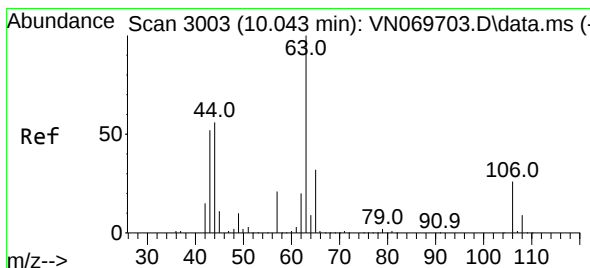
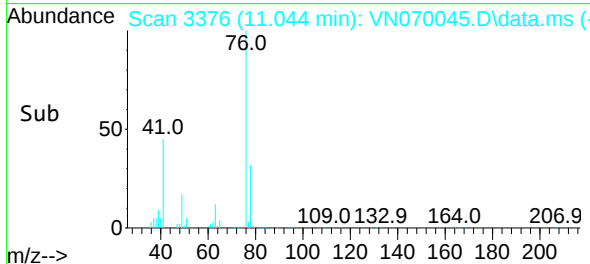
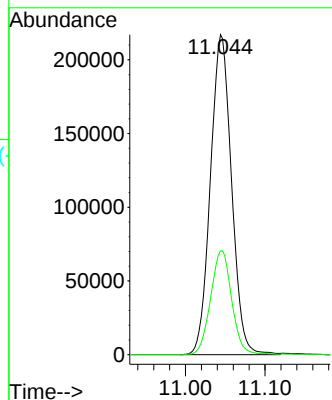
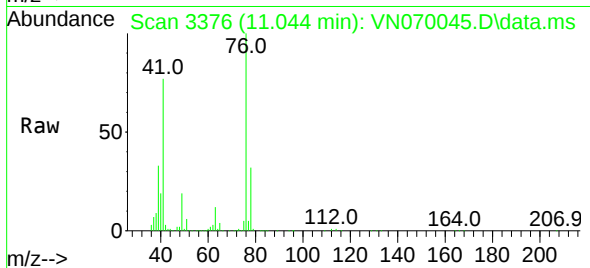
ClientSampleId :

Tgt Ion: 76 Resp: 400645

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 79.358 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070045.D

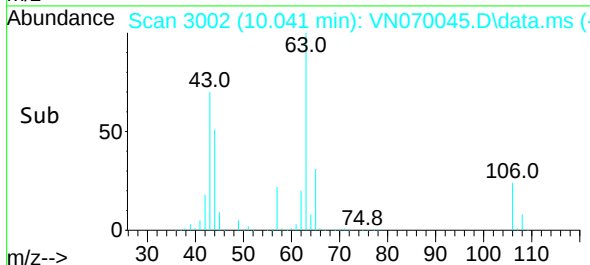
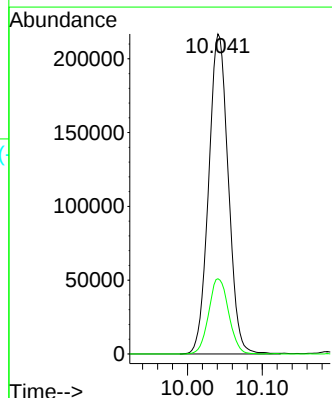
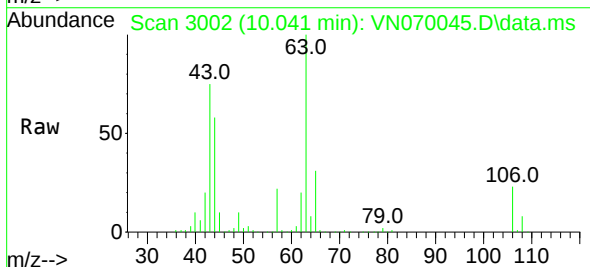
Acq: 13 Dec 2021 22:00

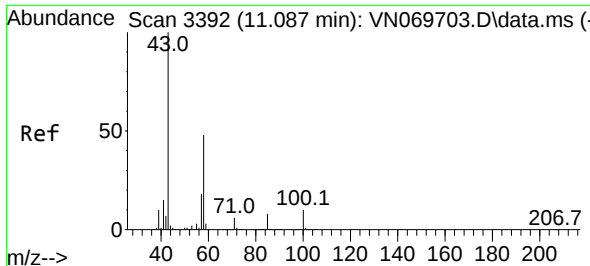
Tgt Ion: 63 Resp: 395187

Ion Ratio Lower Upper

63 100

106 23.9 23.9 35.9

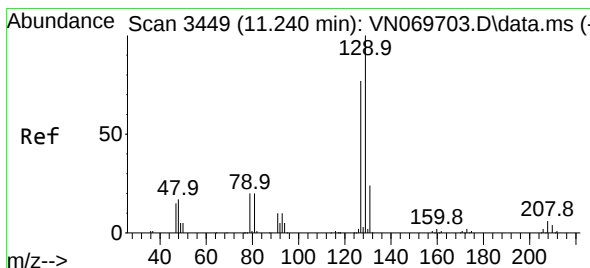
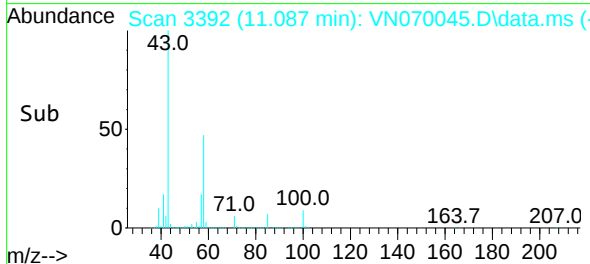
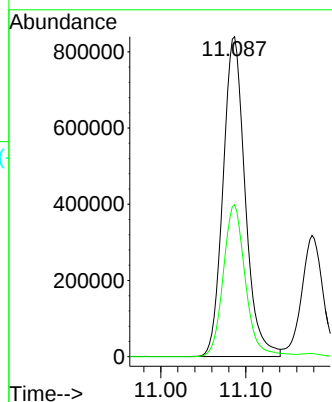
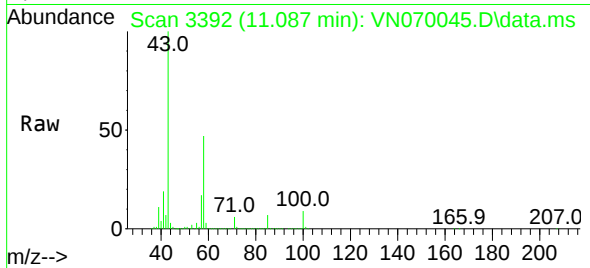




#59
2-Hexanone
Concen: 89.702 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

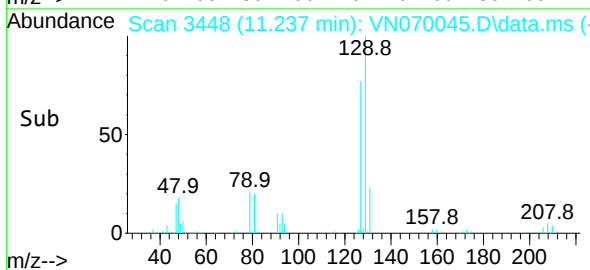
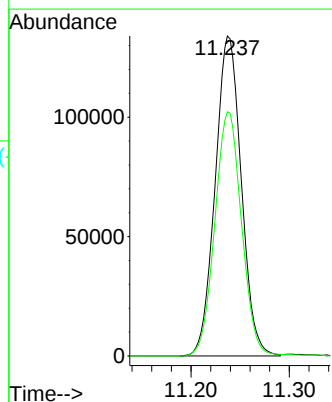
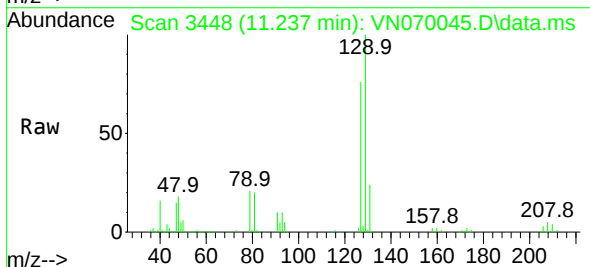
Instrument :
MSVOA_N
ClientSampleId :

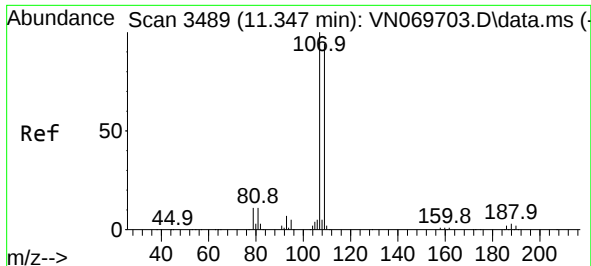
Tgt Ion: 43 Resp: 1517601
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7



#60
Dibromochloromethane
Concen: 21.025 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:129 Resp: 247229
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

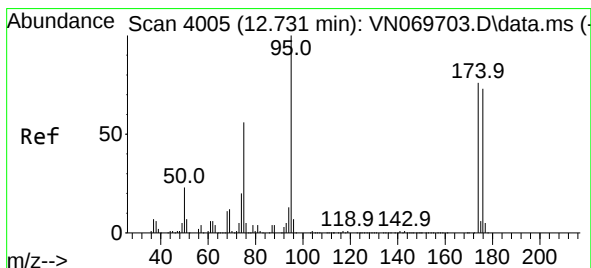
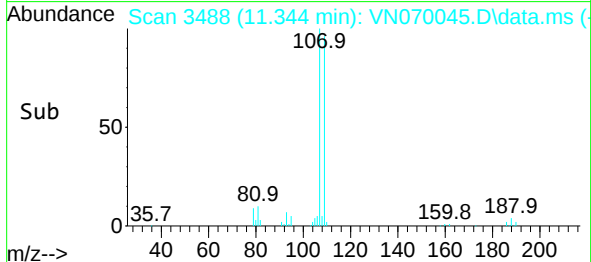
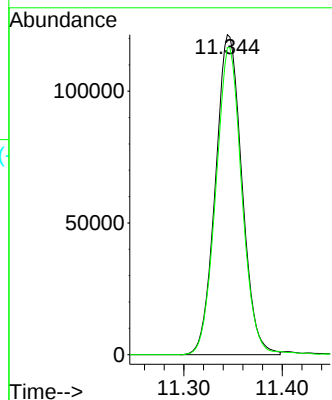
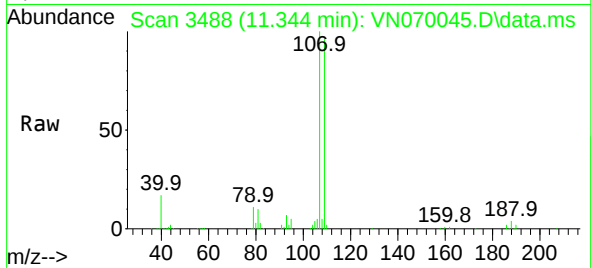




#61
1,2-Dibromoethane
Concen: 18.635 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

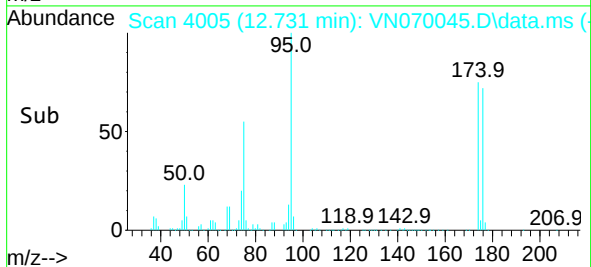
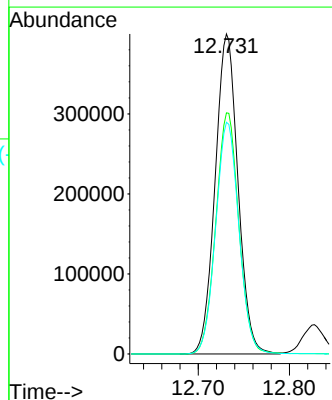
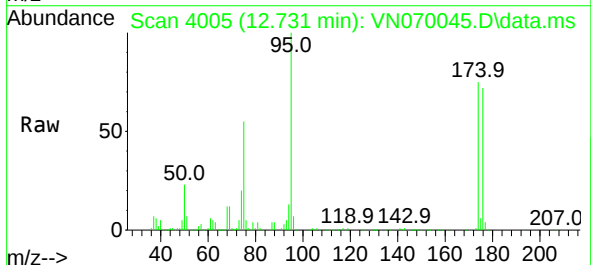
Instrument :
MSVOA_N
ClientSampleId :

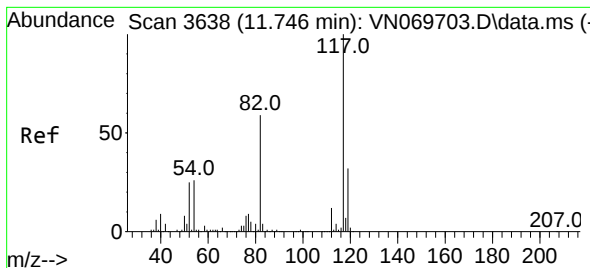
Tgt Ion:107 Resp: 227476
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 46.481 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 95 Resp: 696352
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

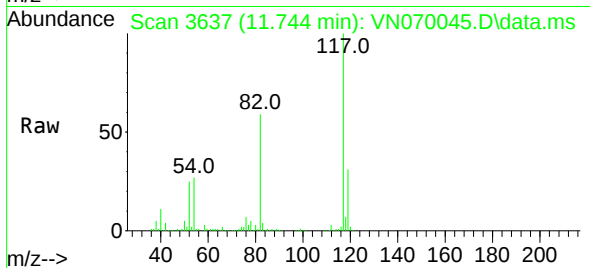
Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :



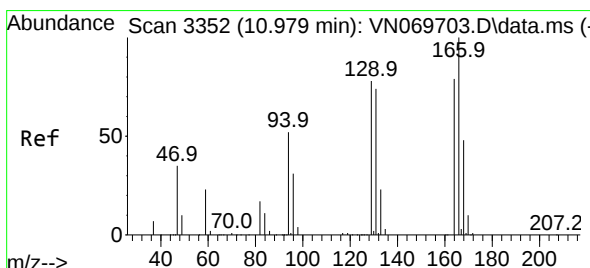
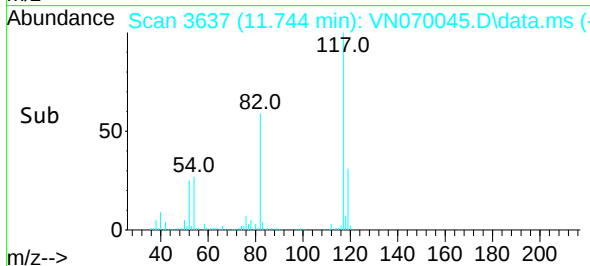
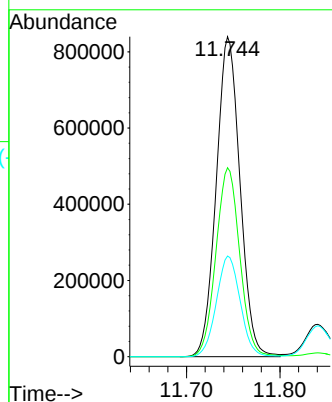
Tgt Ion:117 Resp: 1486676

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 18.285 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Tgt Ion:164 Resp: 184321

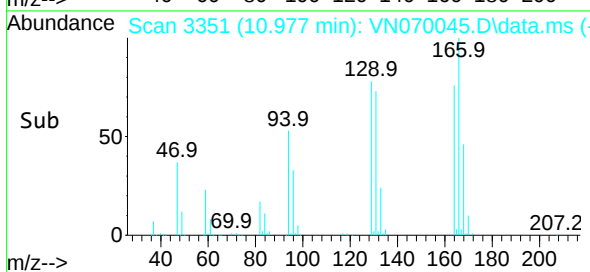
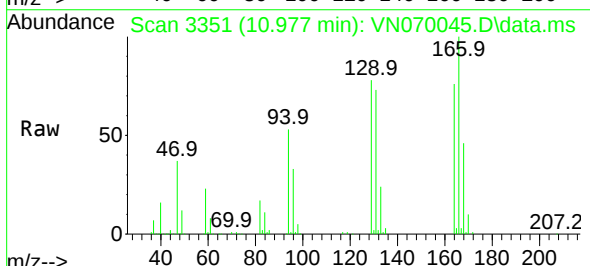
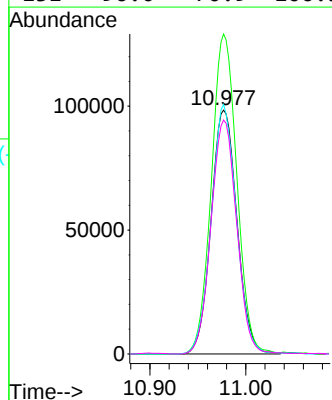
Ion Ratio Lower Upper

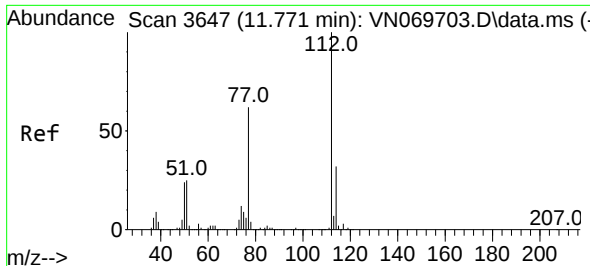
164 100

166 131.2 101.9 152.9

129 102.4 72.0 108.0

131 96.0 70.9 106.3

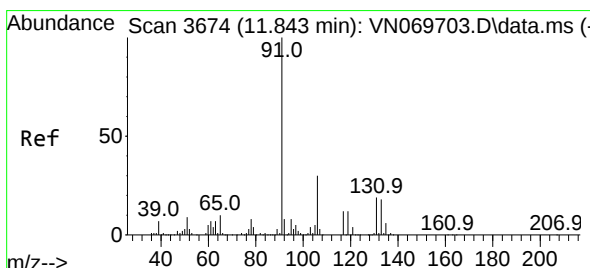
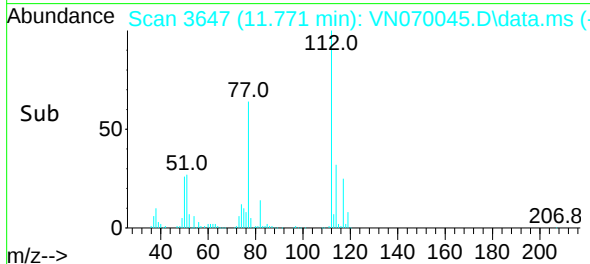
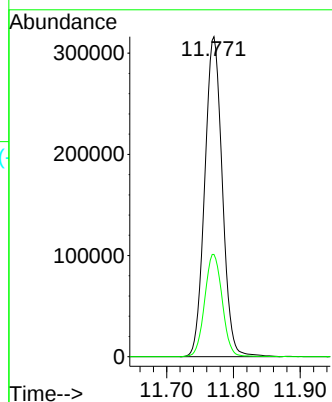
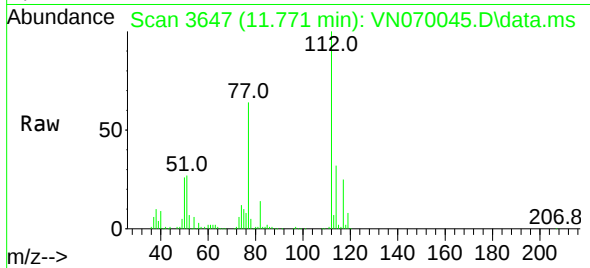




#65
Chlorobenzene
Concen: 19.153 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

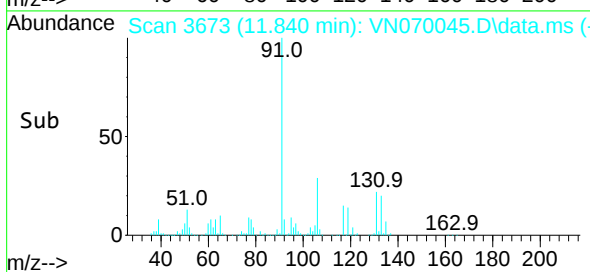
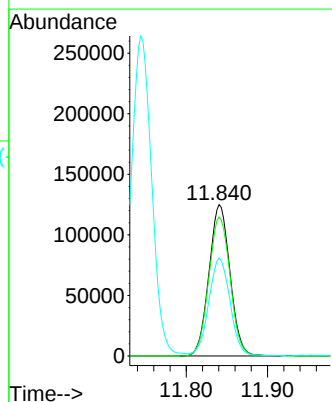
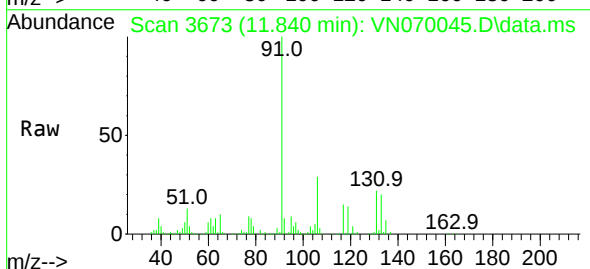
Instrument :
MSVOA_N
ClientSampleId :

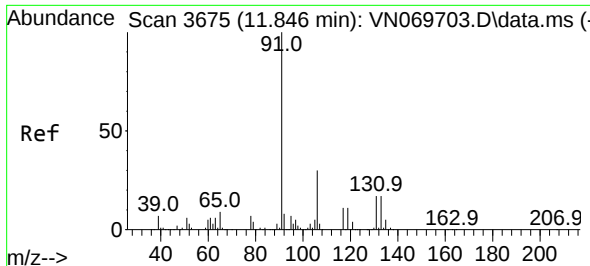
Tgt Ion:112 Resp: 577665
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.204 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:131 Resp: 225087
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 65.0 32.1 96.5





#67

Ethyl Benzene

Concen: 19.485 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

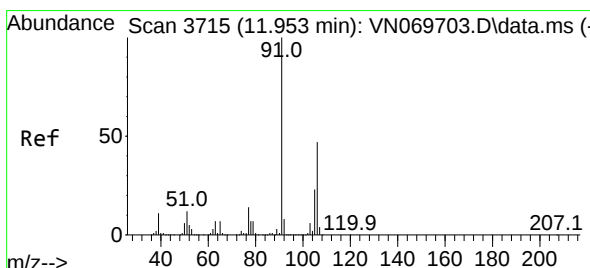
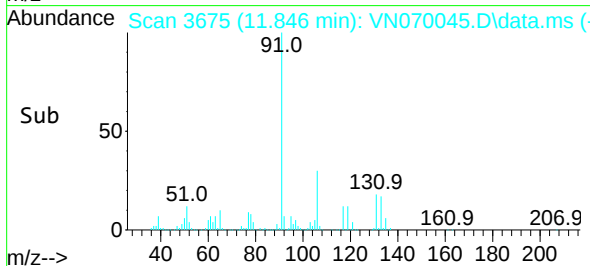
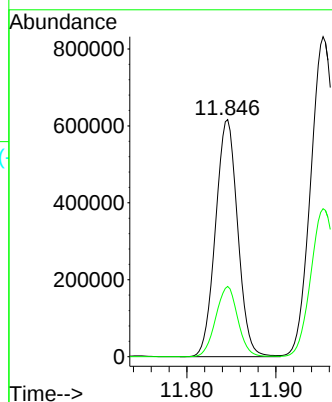
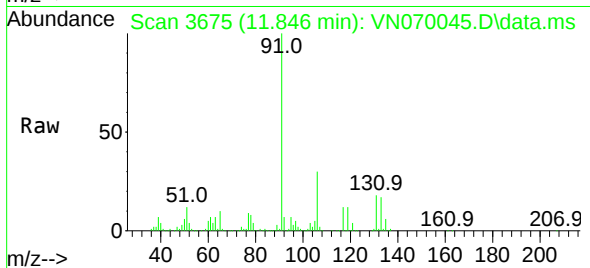
ClientSampleId :

Tgt Ion: 91 Resp: 1067511

Ion Ratio Lower Upper

91 100

106 29.6 25.7 38.5



#68

m/p-Xylenes

Concen: 38.613 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070045.D

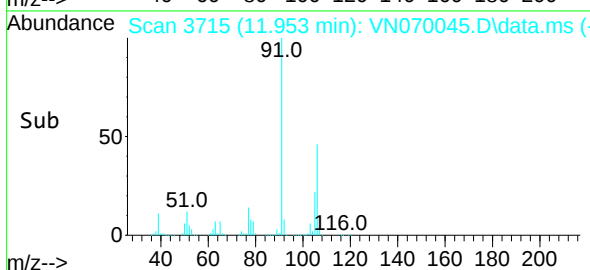
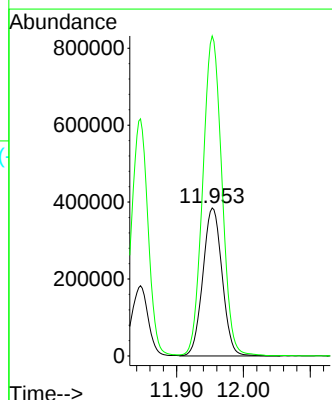
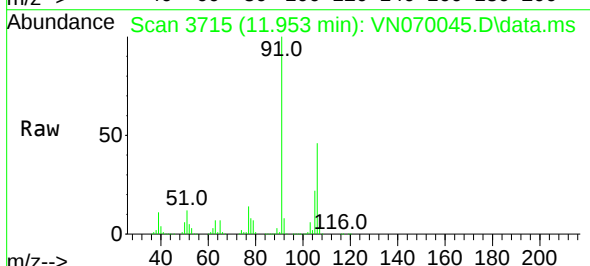
Acq: 13 Dec 2021 22:00

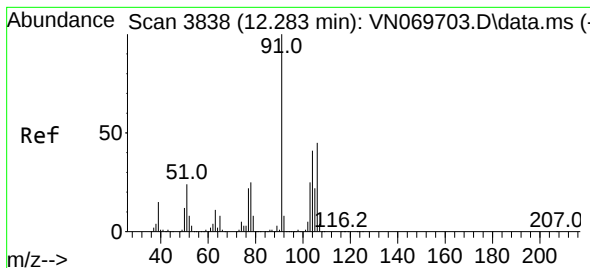
Tgt Ion: 106 Resp: 770238

Ion Ratio Lower Upper

106 100

91 214.8 160.6 240.8





#69

o-Xylene

Concen: 19.137 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

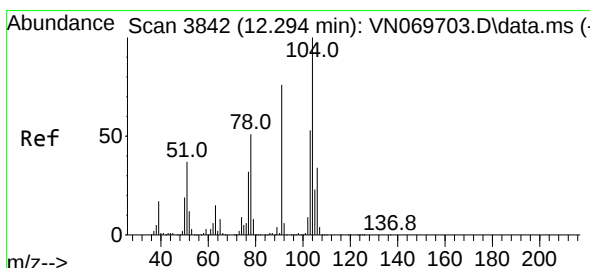
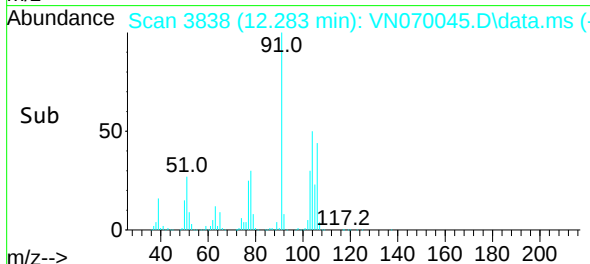
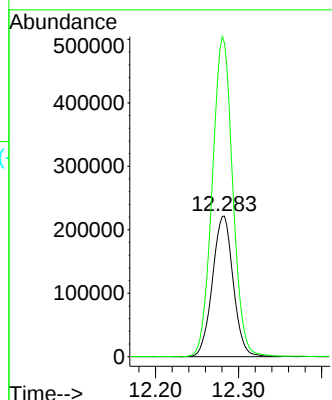
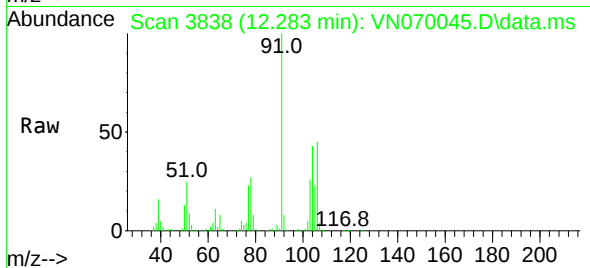
ClientSampleId :

Tgt Ion:106 Resp: 384516

Ion Ratio Lower Upper

106 100

91 224.6 105.8 317.3



#70

Styrene

Concen: 19.488 ug/l

RT: 12.294 min Scan# 3842

Delta R.T. -0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

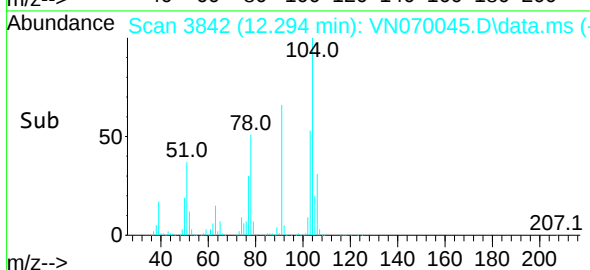
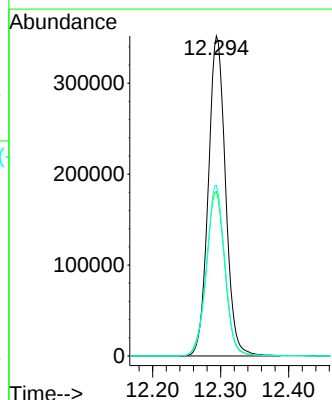
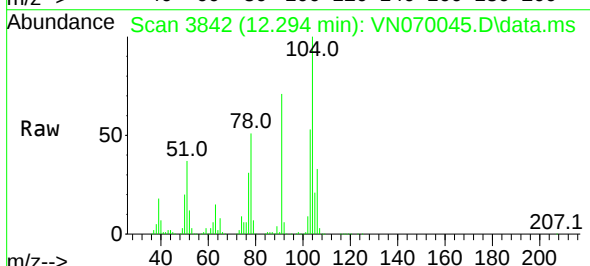
Tgt Ion:104 Resp: 620912

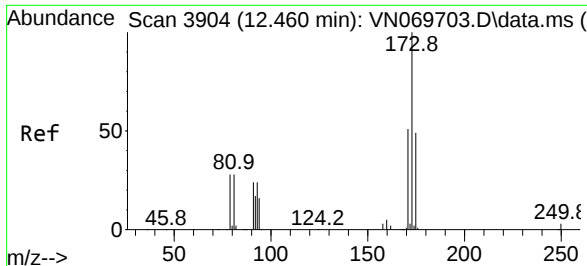
Ion Ratio Lower Upper

104 100

78 55.5 38.7 58.1

103 56.6 45.0 67.6

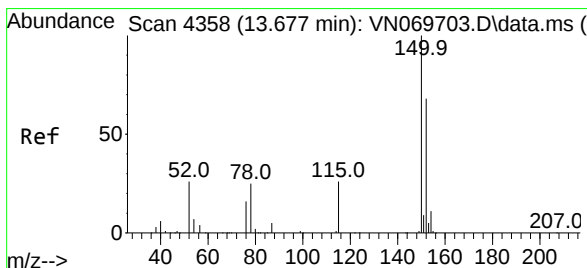
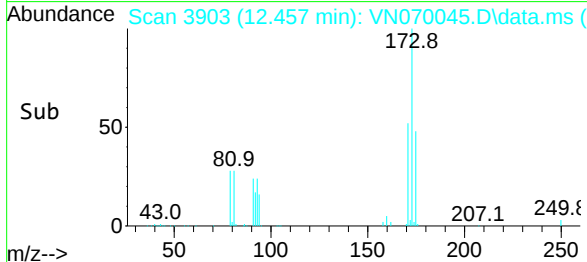
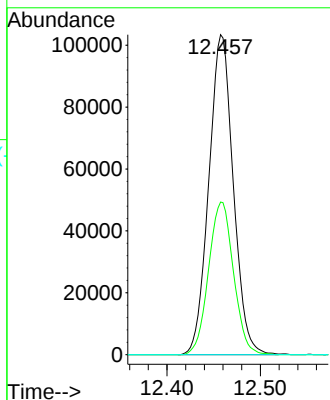
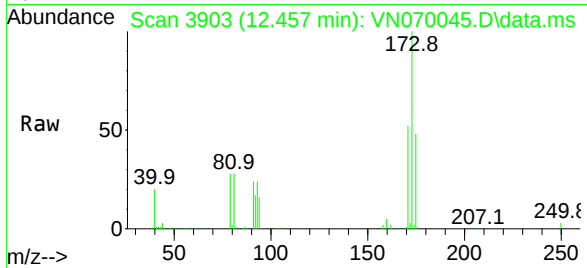




#71
Bromoform
Concen: 22.342 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

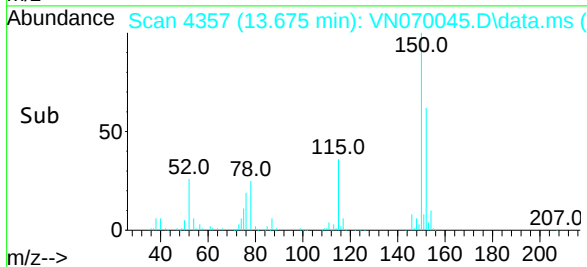
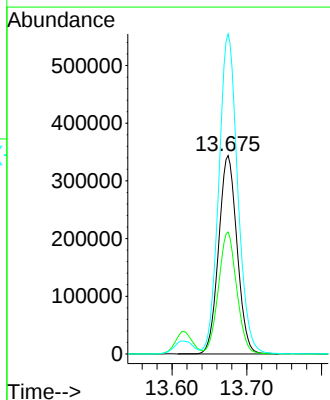
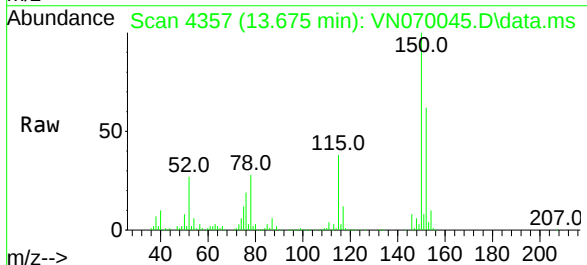
Instrument :
MSVOA_N
ClientSampleId :

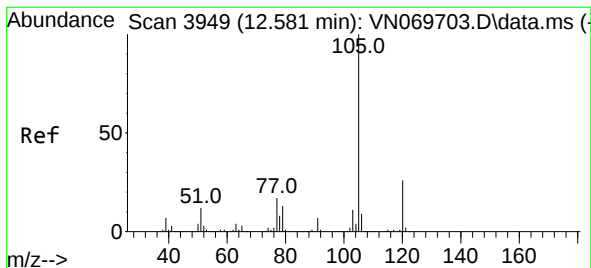
Tgt Ion:173 Resp: 188345
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:152 Resp: 587239
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 165.6 0.0 344.4





#73

Isopropylbenzene

Concen: 19.167 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

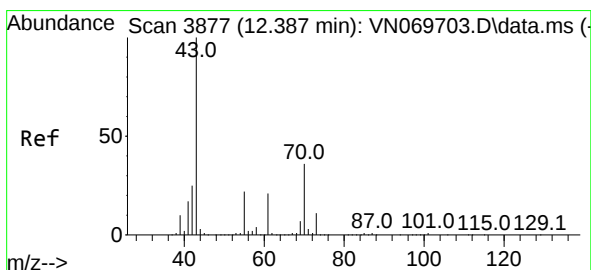
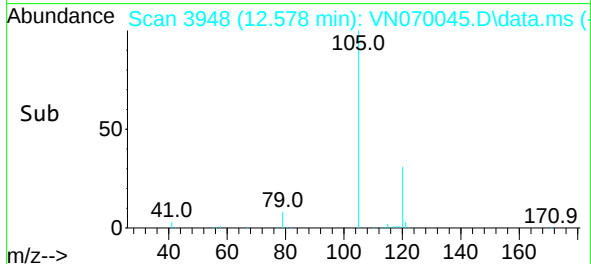
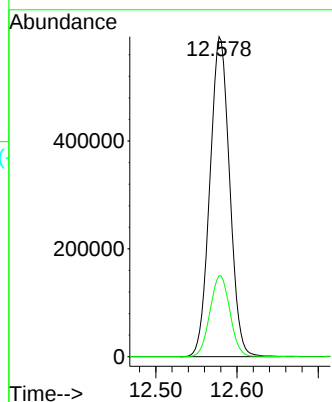
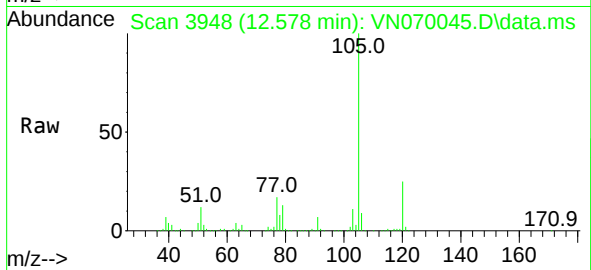
ClientSampleId :

Tgt Ion:105 Resp: 1001413

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 17.828 ug/l

RT: 12.390 min Scan# 3878

Delta R.T. 0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Tgt Ion: 43 Resp: 411931

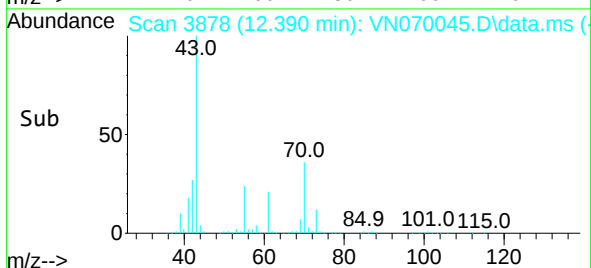
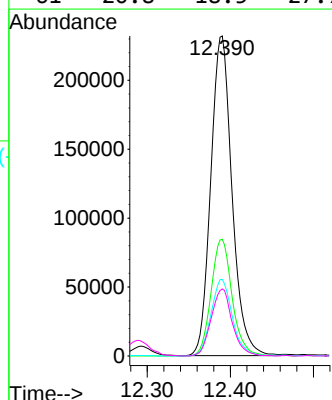
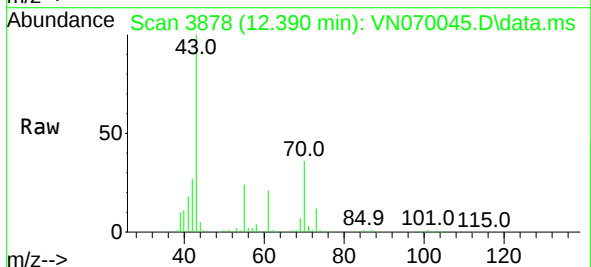
Ion Ratio Lower Upper

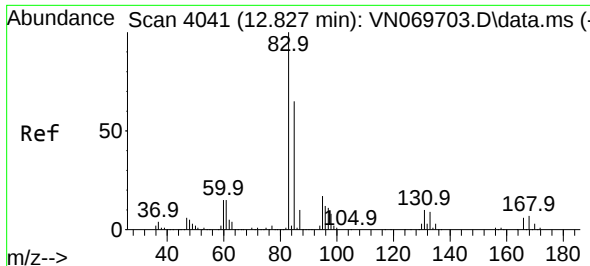
43 100

70 36.2 33.4 50.0

55 23.9 19.3 28.9

61 20.8 18.5 27.7

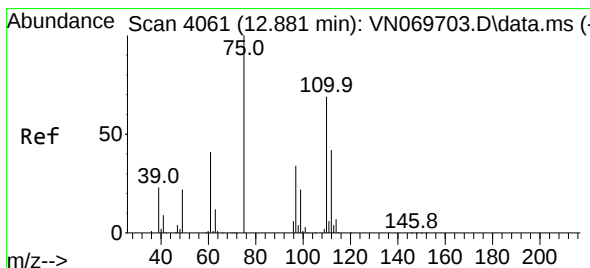
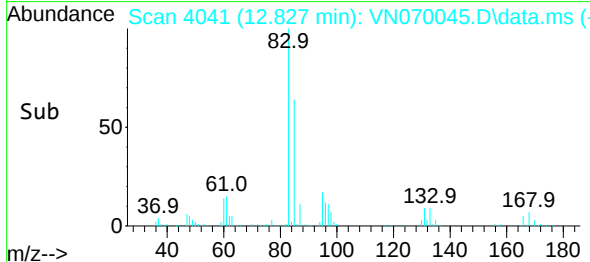
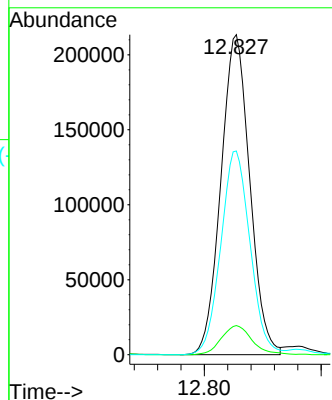
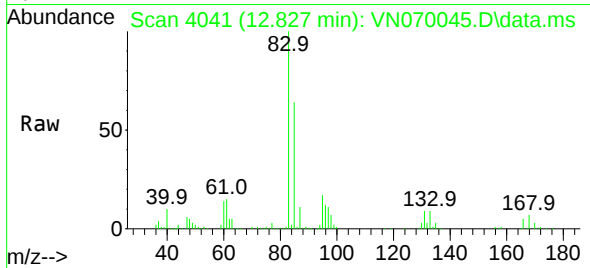




#75
1,1,2,2-Tetrachloroethane
Concen: 20.274 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

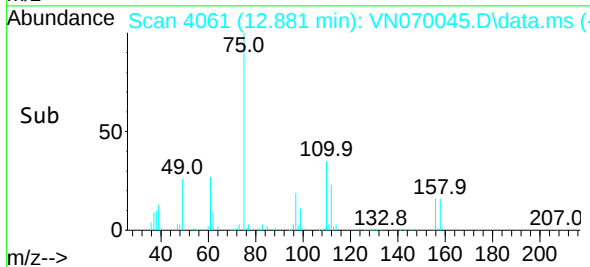
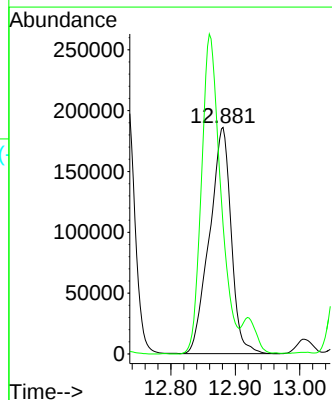
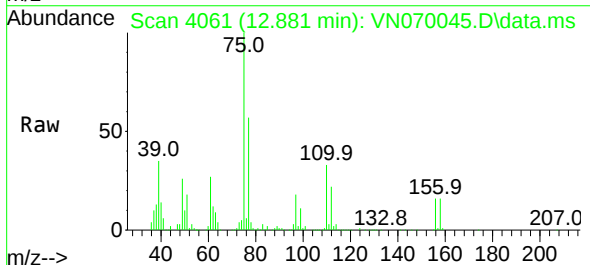
Instrument :
MSVOA_N
ClientSampleId :

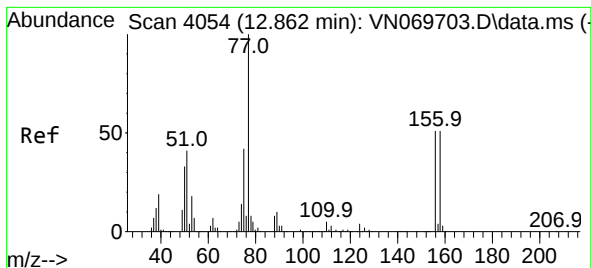
Tgt Ion: 83 Resp: 366290
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.4 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 25.874 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 75 Resp: 435740
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77

Bromobenzene

Concen: 18.918 ug/l

RT: 12.862 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

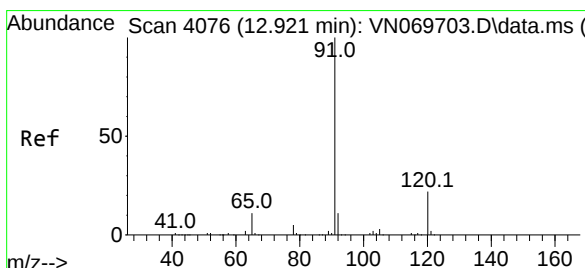
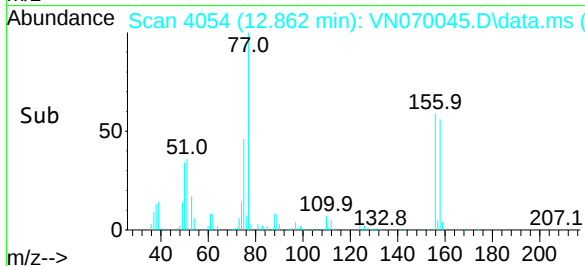
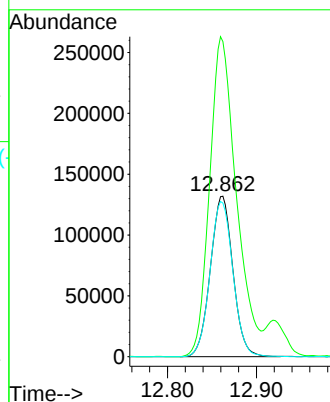
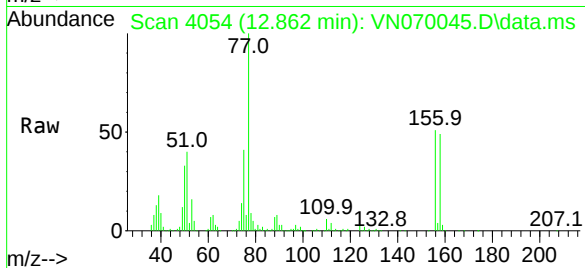
Tgt Ion:156 Resp: 232172

Ion Ratio Lower Upper

156 100

77 234.9 90.6 271.8

158 98.4 48.9 146.7



#78

n-propylbenzene

Concen: 19.405 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN070045.D

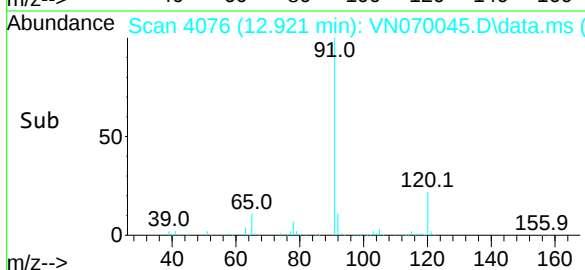
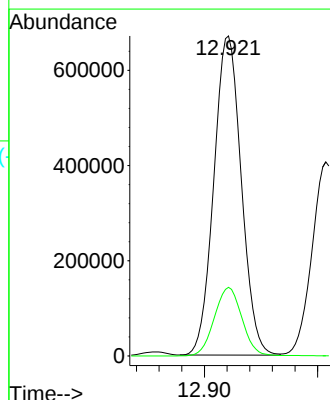
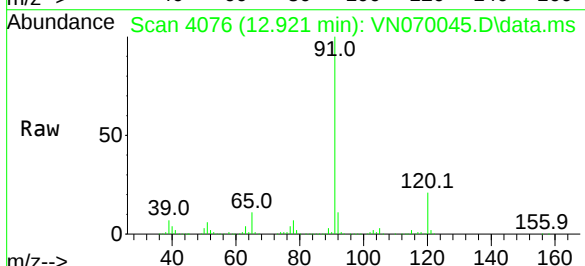
Acq: 13 Dec 2021 22:00

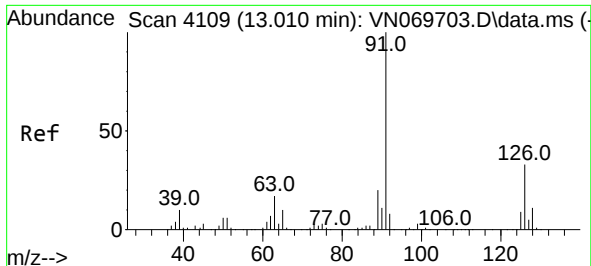
Tgt Ion: 91 Resp: 1128234

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.9

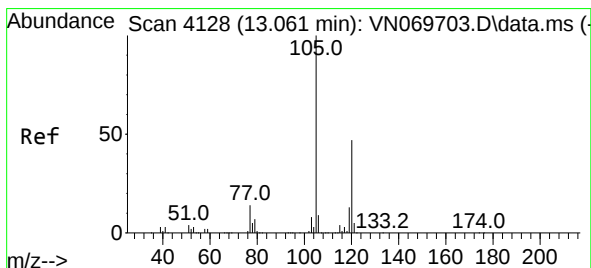
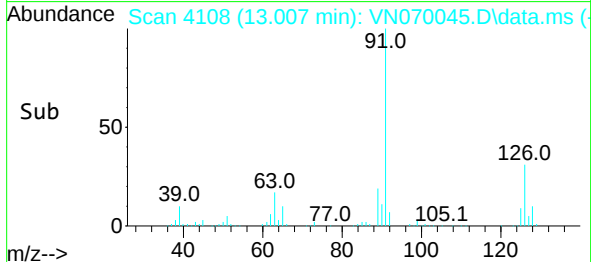
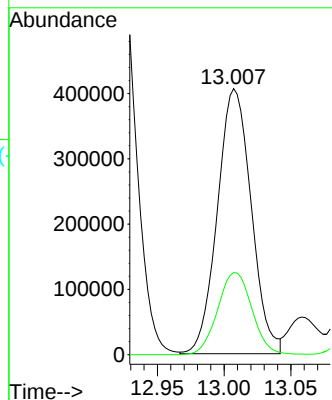
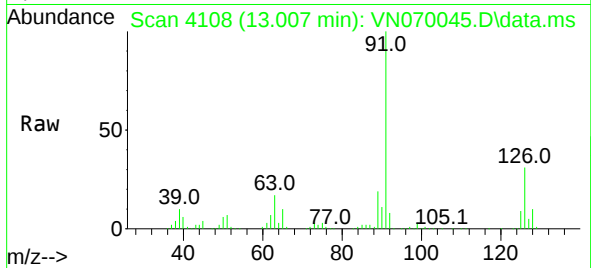




#79
2-Chlorotoluene
Concen: 19.513 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

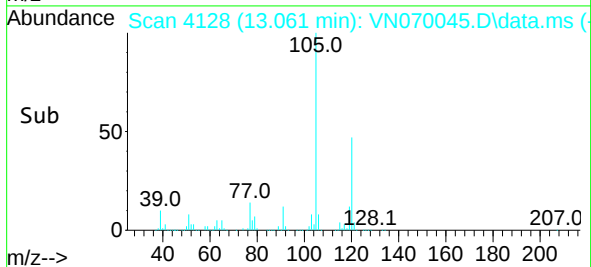
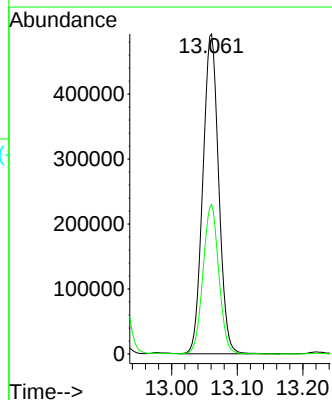
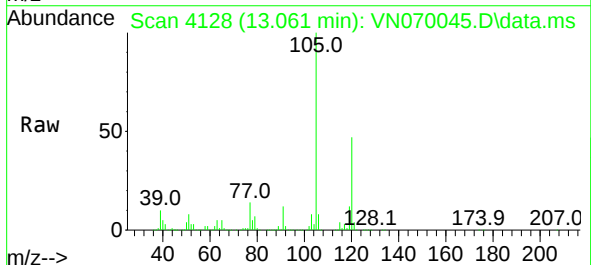
Instrument :
MSVOA_N
ClientSampleId :

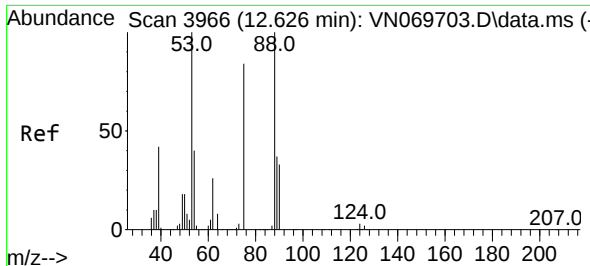
Tgt Ion: 91 Resp: 716848
Ion Ratio Lower Upper
91 100
126 31.5 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 19.578 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 105 Resp: 823305
Ion Ratio Lower Upper
105 100
120 46.4 24.6 73.6

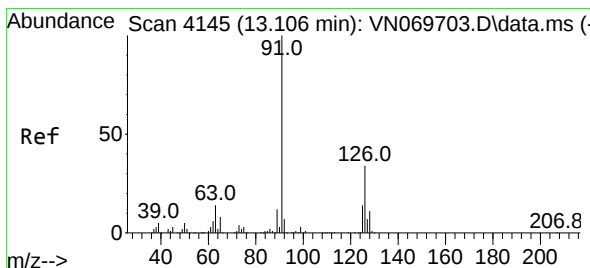
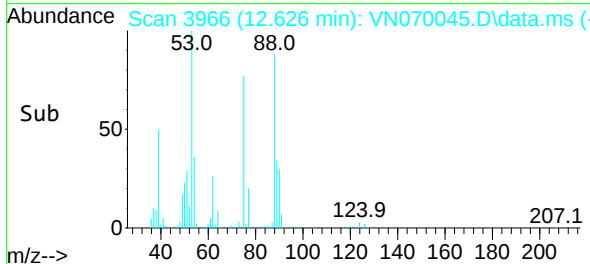
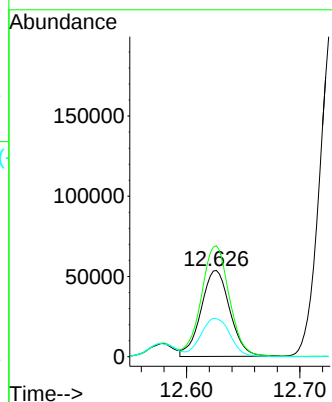
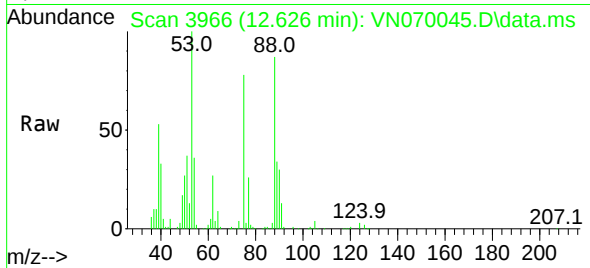




#81
trans-1,4-Dichloro-2-butene
Concen: 21.001 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

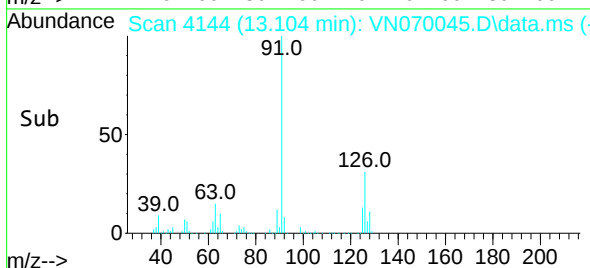
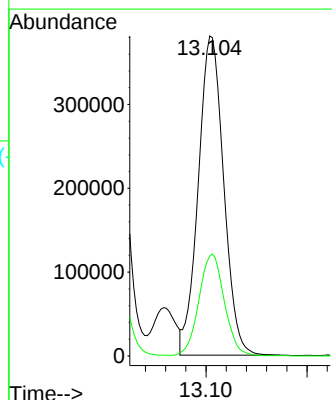
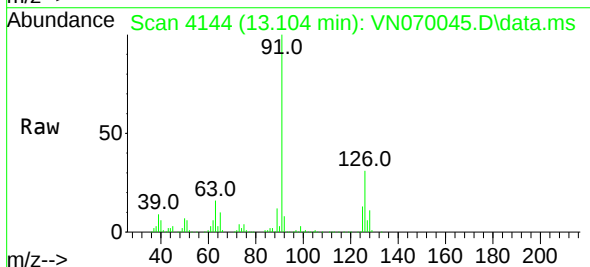
Instrument :
MSVOA_N
ClientSampleId :

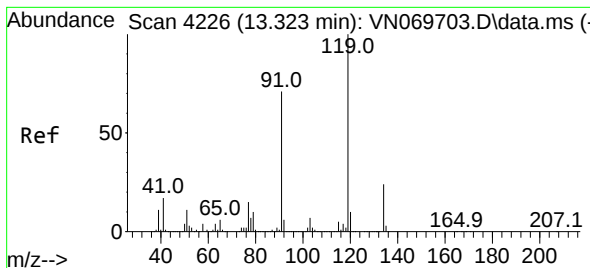
Tgt Ion: 75 Resp: 94873
Ion Ratio Lower Upper
75 100
53 125.0 90.5 135.7
89 45.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 19.250 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 91 Resp: 665051
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83

tert-Butylbenzene

Concen: 18.858 ug/l

RT: 13.324 min Scan# 4226

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

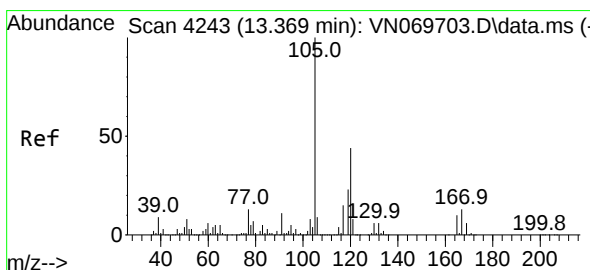
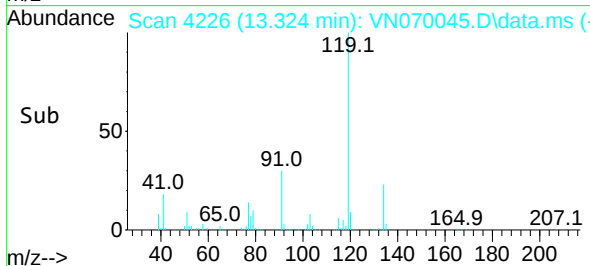
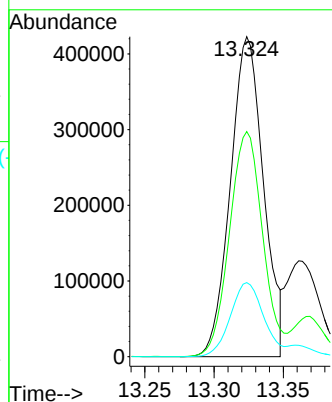
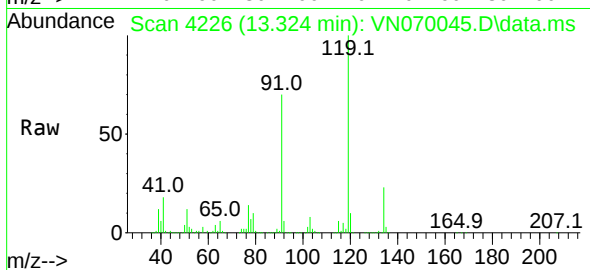
Tgt Ion:119 Resp: 702230

Ion Ratio Lower Upper

119 100

91 71.2 31.5 94.5

134 23.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.941 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN070045.D

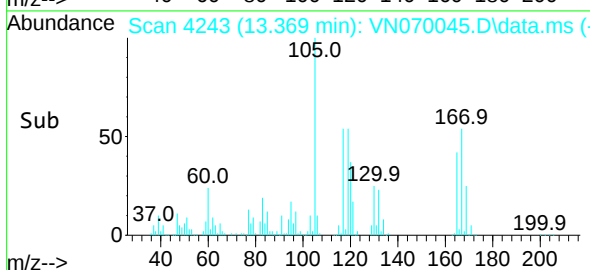
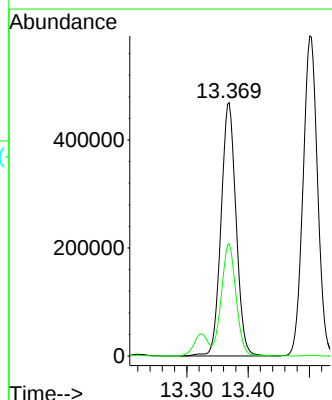
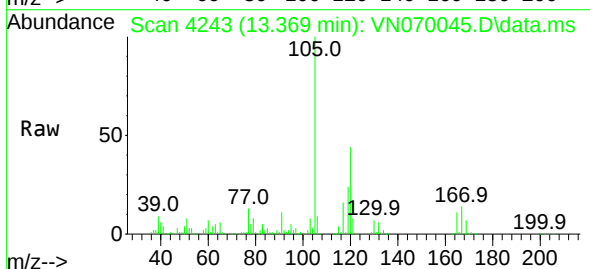
Acq: 13 Dec 2021 22:00

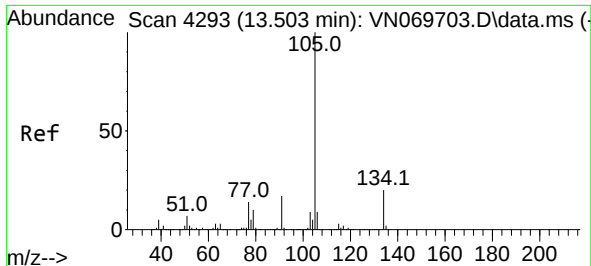
Tgt Ion:105 Resp: 798620

Ion Ratio Lower Upper

105 100

120 43.0 22.8 68.4

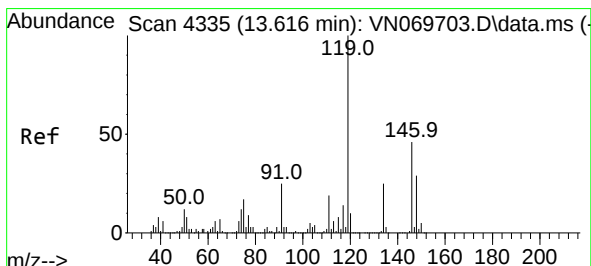
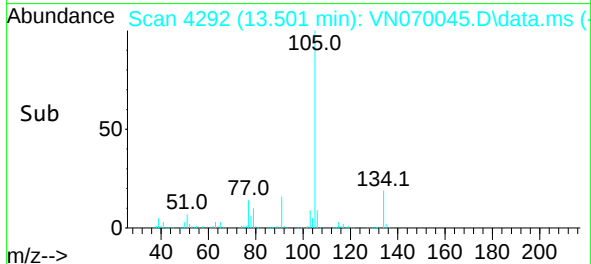
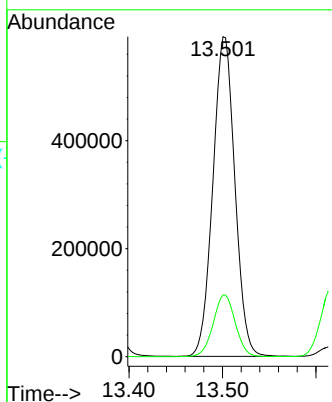
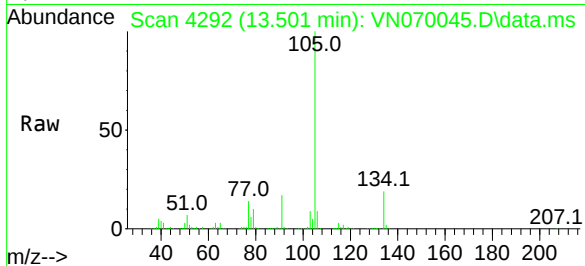




#85
 sec-Butylbenzene
 Concen: 19.188 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

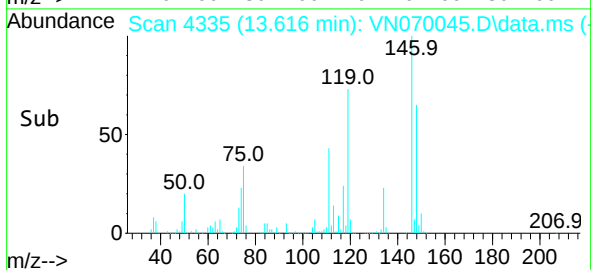
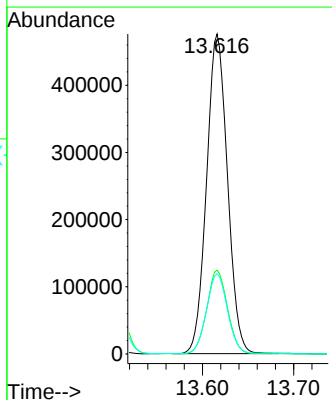
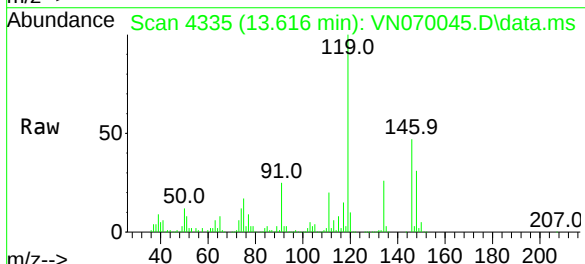
Instrument :
 MSVOA_N
 ClientSampleId :

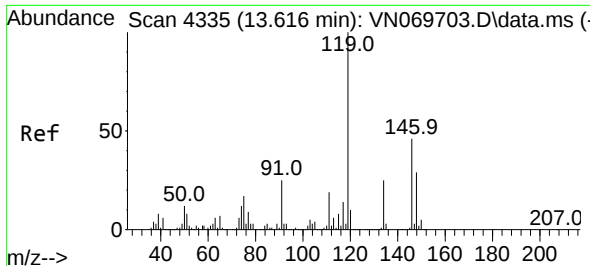
Tgt Ion:105 Resp: 969144
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.208 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Tgt Ion:119 Resp: 758357
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.1 11.4 34.1

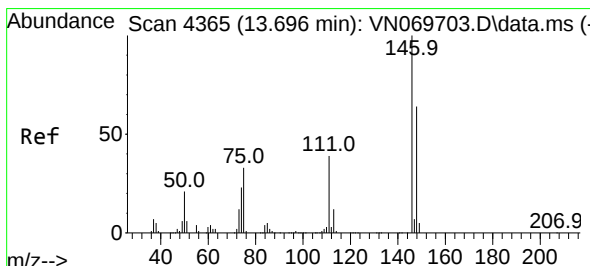
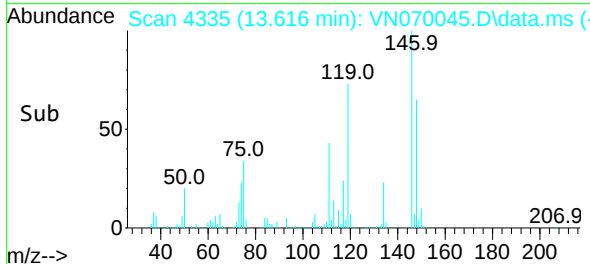
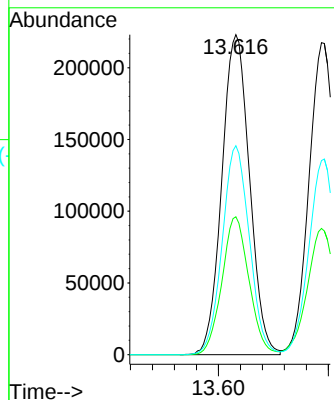
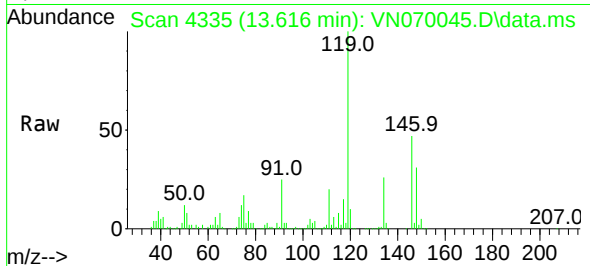




#87
 1,3-Dichlorobenzene
 Concen: 19.342 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

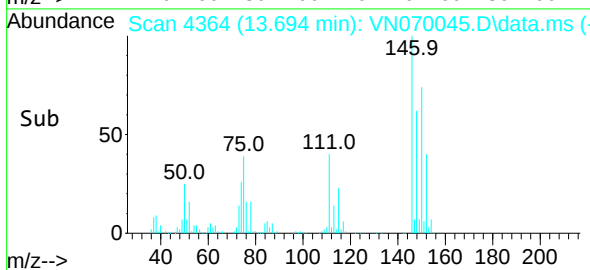
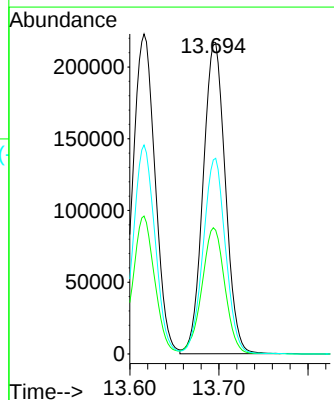
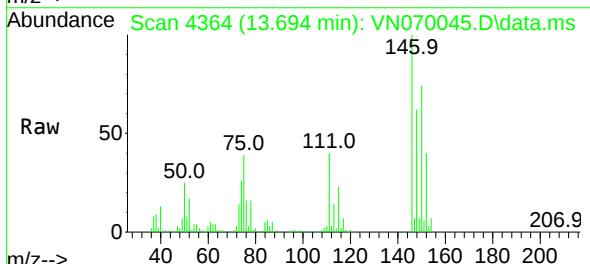
Instrument :
 MSVOA_N
 ClientSampleId :

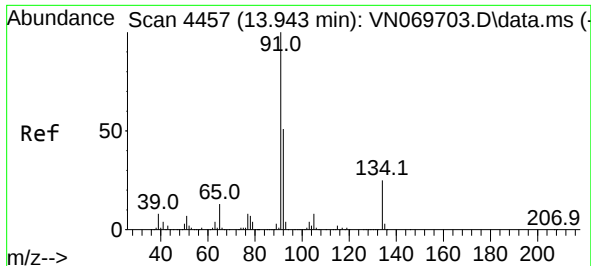
Tgt Ion:146 Resp: 389968
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.6 55.6
 148 64.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.014 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. -0.003 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Tgt Ion:146 Resp: 376720
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.3 54.8
 148 63.0 31.8 95.4

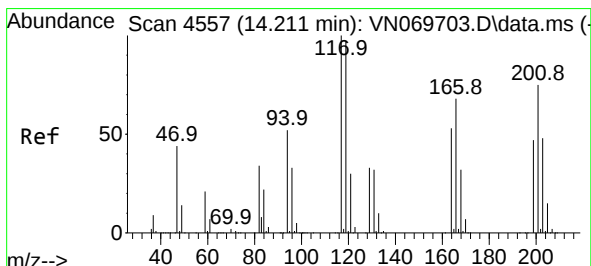
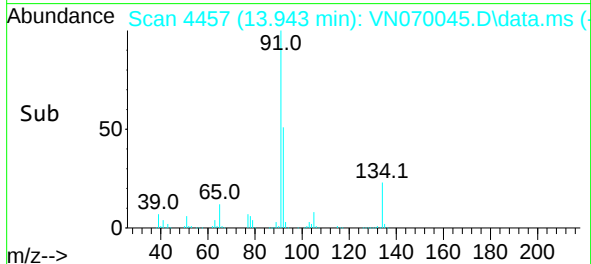
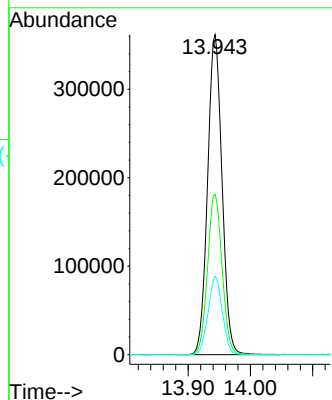
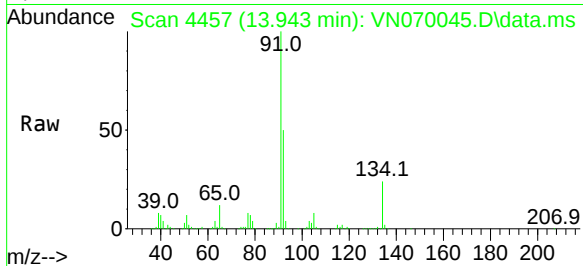




#89
n-Butylbenzene
Concen: 18.160 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

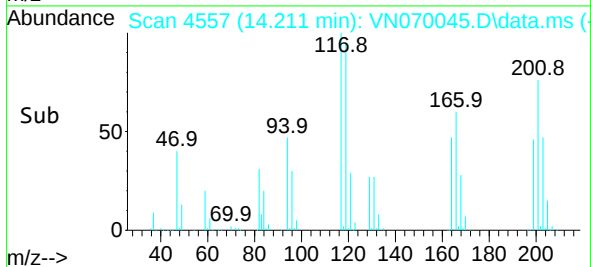
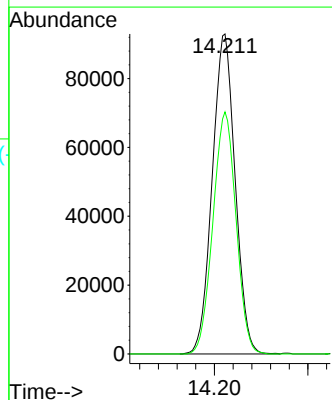
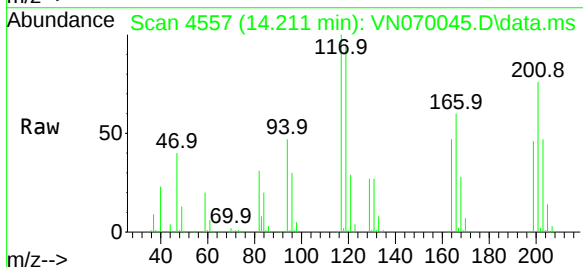
Instrument :
MSVOA_N
ClientSampleId :

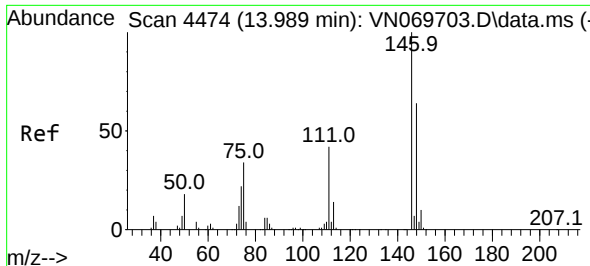
Tgt Ion: 91 Resp: 581592
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.0
134 24.2 13.6 40.8



#90
Hexachloroethane
Concen: 22.807 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

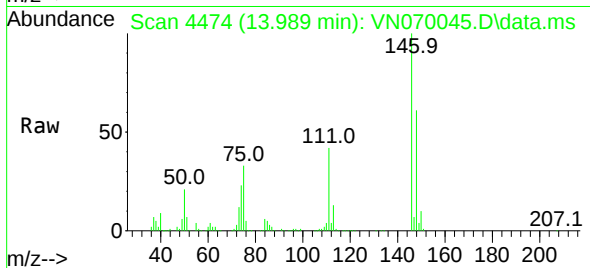
Tgt Ion: 117 Resp: 158091
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6



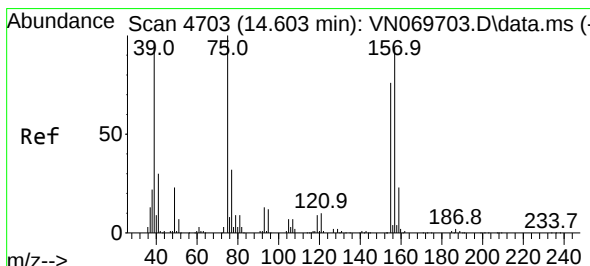
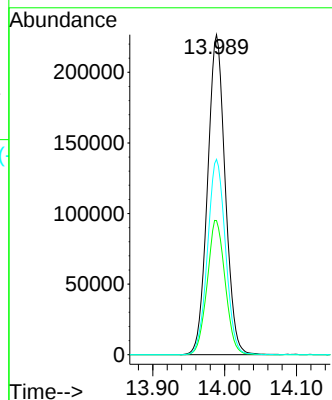
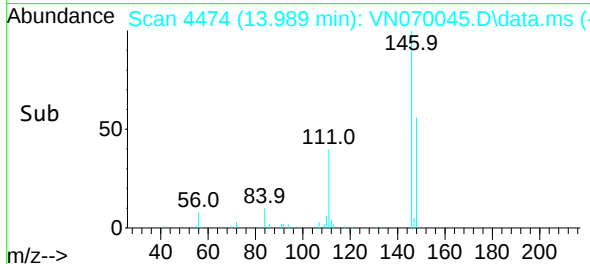


#91
1,2-Dichlorobenzene
Concen: 19.718 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

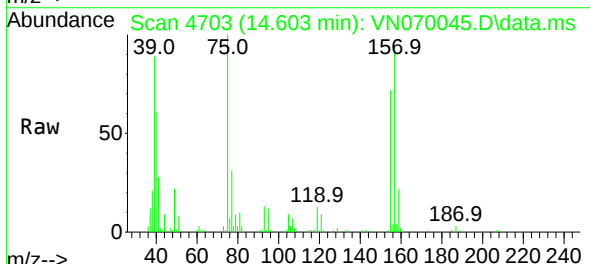
Instrument :
MSVOA_N
ClientSampleId :



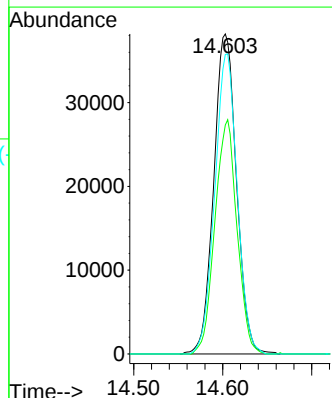
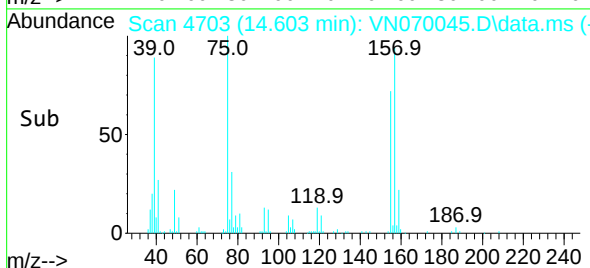
Tgt Ion:146 Resp: 387336
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 62.0 32.1 96.3

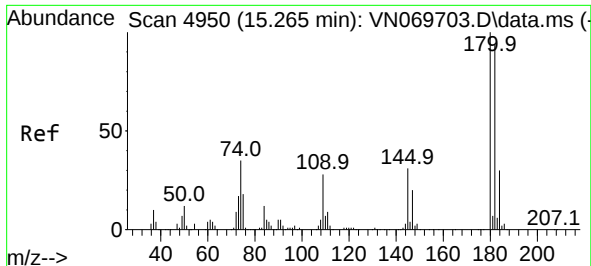


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.816 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



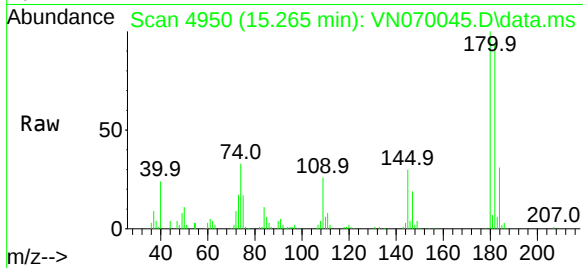
Tgt Ion: 75 Resp: 67961
Ion Ratio Lower Upper
75 100
155 71.1 46.9 140.7
157 92.6 60.6 181.7



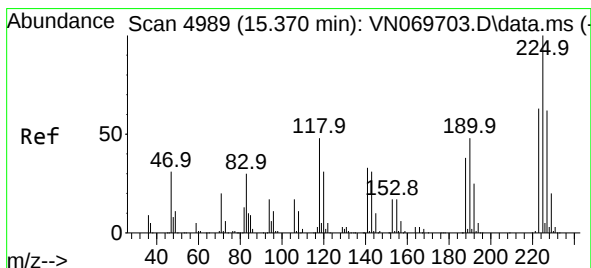
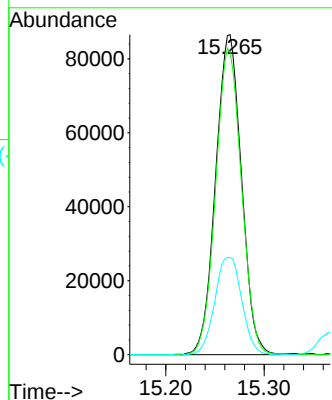
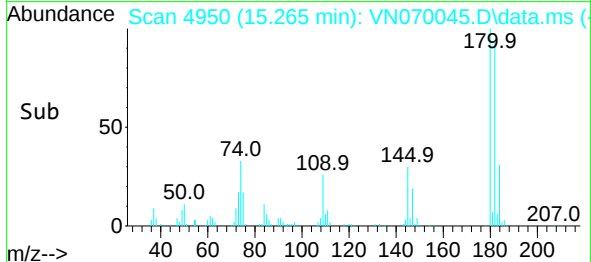


#93
 1,2,4-Trichlorobenzene
 Concen: 18.316 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

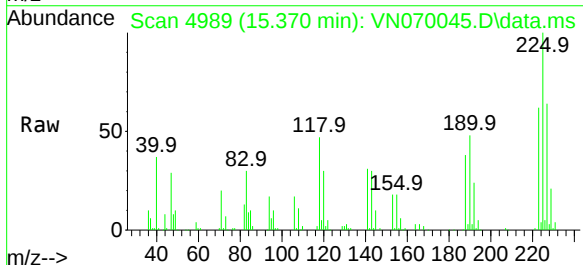
Instrument :
 MSVOA_N
 ClientSampleId :



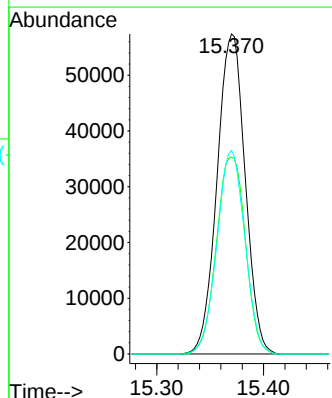
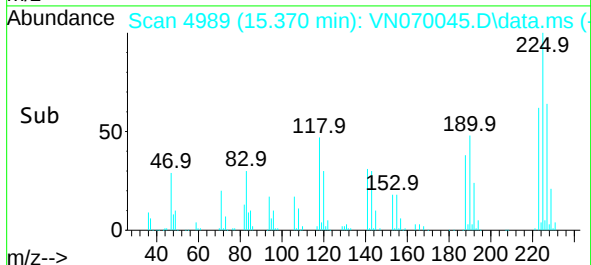
Tgt Ion:180 Resp: 157821
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 31.8 14.5 43.5

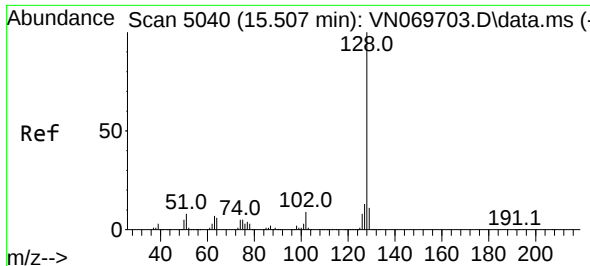


#94
 Hexachlorobutadiene
 Concen: 20.144 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00



Tgt Ion:225 Resp: 104871
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 63.3 32.1 96.3

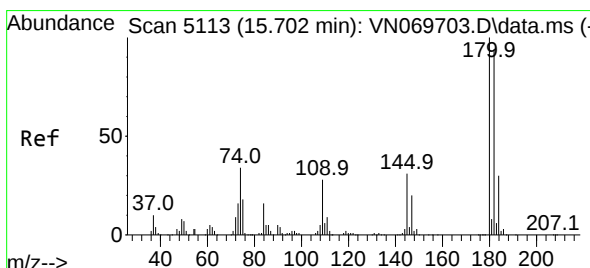
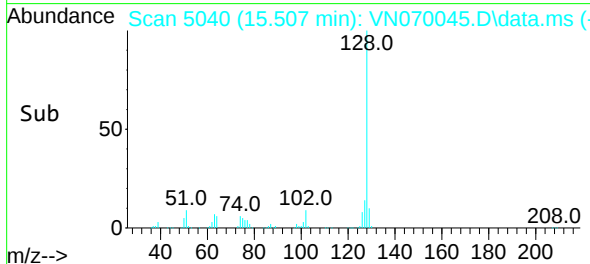
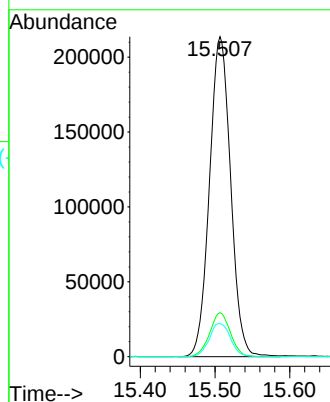
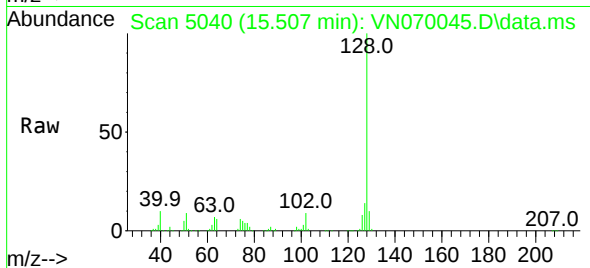




#95
Naphthalene
Concen: 17.446 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 419770
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.375 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:180 Resp: 157334
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 32.5 15.0 45.1

