

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070433.D
 Acq On : 3 Jan 2022 13:29
 Operator : JC/MD
 Sample : M5212-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	950772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1580100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1424381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	543309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	605697	44.308	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.620%
35) Dibromofluoromethane	8.019	113	424312	44.382	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.760%
50) Toluene-d8	10.440	98	1742406	44.614	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.728	95	660482	46.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.640%

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	6463	0.441	ug/l	91
5) Bromomethane	2.877	94	1628	0.236	ug/l #	64
11) Tert butyl alcohol	5.369	59	751	0.330	ug/l #	71
13) Acrolein	4.256	56	194296	105.204	ug/l #	78
14) Allyl chloride	5.076	41	991696	45.171	ug/l #	56
16) Acetone	4.253	43	641440	72.282	ug/l #	55
17) Carbon Disulfide	4.529	76	8291	0.314	ug/l #	89
18) Methyl Acetate	5.076	43	2518613	98.115	ug/l #	51
19) Methyl tert-butyl Ether	5.610	73	9006	0.250	ug/l #	1
20) Methylene Chloride	5.060	84	9689	0.789	ug/l #	1
22) Diisopropyl ether	6.501	45	25053	0.586	ug/l #	85
23) Vinyl Acetate	6.484	43	7496	0.226	ug/l #	72
25) 2-Butanone	7.335	43	49213	4.404	ug/l #	68
29) Tetrahydrofuran	7.702	42	2421	0.363	ug/l #	60
30) Chloroform	8.096	83	5695	0.266	ug/l	96
31) Cyclohexane	8.094	56	171245	7.938	ug/l #	90
36) 1,1-Dichloropropene	8.086	75	76849	4.859	ug/l #	49
37) Ethyl Acetate	7.335	43	49213	2.401	ug/l #	70
38) Carbon Tetrachloride	8.086	117	93912	6.219	ug/l #	16
39) Methylcyclohexane	9.427	83	53621	2.800	ug/l #	1
40) Benzene	8.458	78	2369554	48.870	ug/l	99
41) Methacrylonitrile	7.654	41	11383	1.110	ug/l #	43
43) Isopropyl Acetate	8.552	43	139787	4.325	ug/l #	55
45) 1,2-Dichloropropane	9.419	63	3076	0.236	ug/l #	1
47) Bromodichloromethane	9.743	83	33194	2.059	ug/l #	28
48) Methyl methacrylate	9.590	41	22053	1.430	ug/l #	25
49) 1,4-Dioxane	9.563	88	310	1.374	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	14455	0.712	ug/l	98
52) Toluene	10.502	92	28651	0.976	ug/l	98
55) 1,1,2-Trichloroethane	10.875	97	89639	7.719	ug/l #	21
56) Ethyl methacrylate	10.778	69	12456	0.649	ug/l #	6
58) 2-Chloroethyl Vinyl ether	10.046	63	1154	18.731	ug/l #	45
59) 2-Hexanone	11.089	43	29772	2.010	ug/l	79
67) Ethyl Benzene	11.843	91	2119798	38.281	ug/l	96
68) m/p-Xylenes	11.843	106	639581	31.731	ug/l #	14
69) o-Xylene	12.280	106	5246	0.262	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070433.D
 Acq On : 3 Jan 2022 13:29
 Operator : JC/MD
 Sample : M5212-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

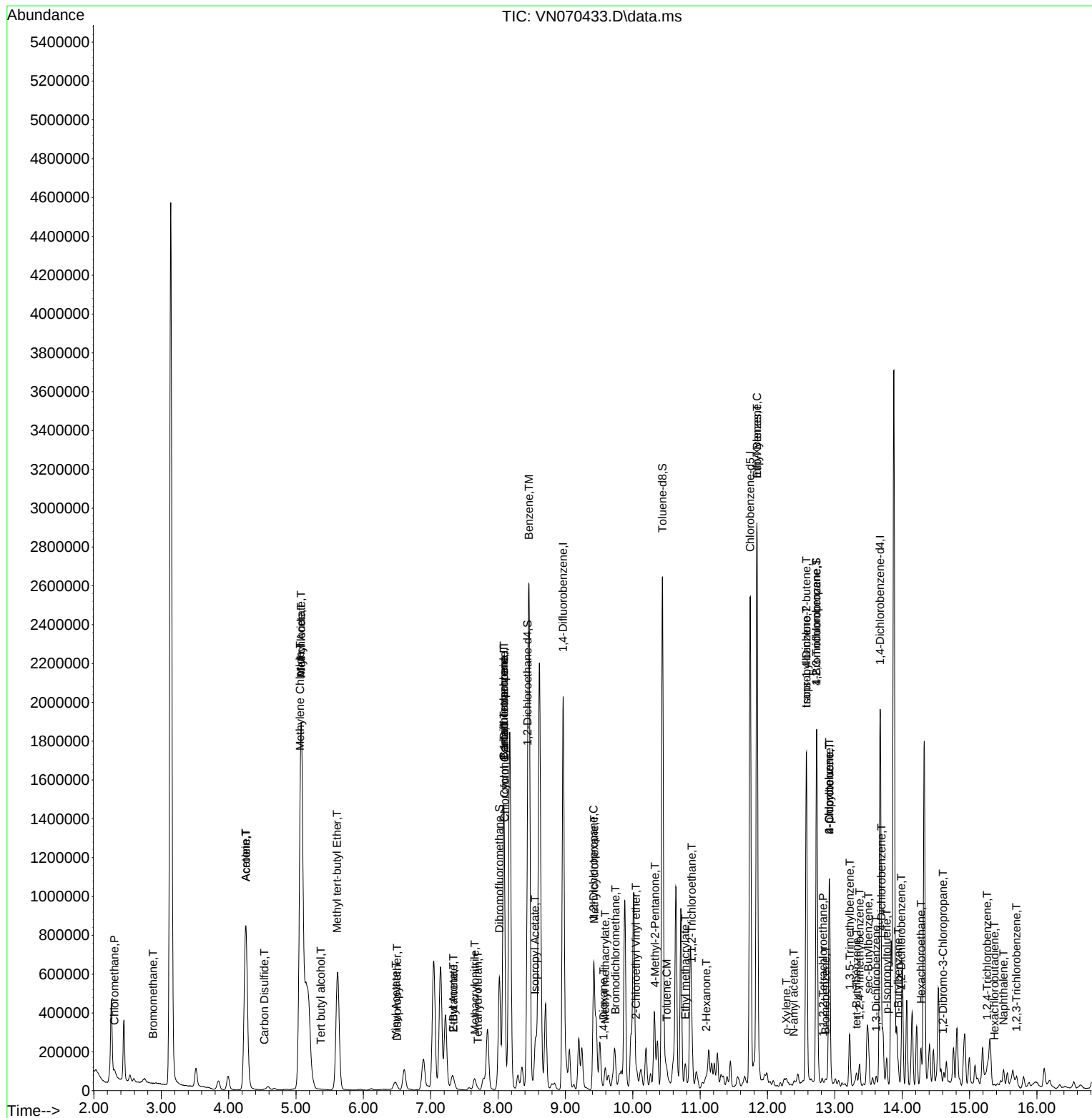
73) Isopropylbenzene	12.578	105	1147380	22.741	ug/l	98
74) N-amyl acetate	12.390	43	15089	0.711	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.825	83	2440	0.579	ug/l #	52
76) 1,2,3-Trichloropropane	12.728	75	351398	23.386	ug/l #	1
77) Bromobenzene	12.860	156	2423	0.209	ug/l #	17
78) n-propylbenzene	12.919	91	876035	15.671	ug/l	96
79) 2-Chlorotoluene	12.919	91	876035	24.423	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.219	105	180833	4.473	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.578	75	14609	3.285	ug/l #	70
82) 4-Chlorotoluene	12.919	91	876035	26.074	ug/l #	38
83) tert-Butylbenzene	13.321	119	31199	0.876	ug/l	91
84) 1,2,4-Trimethylbenzene	13.366	105	61039	1.568	ug/l	93
85) sec-Butylbenzene	13.498	105	127867	2.645	ug/l #	38
86) p-Isopropyltoluene	13.769	119	79632	2.097	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	7269	0.375	ug/l #	76
88) 1,4-Dichlorobenzene	13.694	146	9669	0.505	ug/l #	38
89) n-Butylbenzene	13.940	91	63914	2.018	ug/l #	69
90) Hexachloroethane	14.278	117	79525	12.056	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	8043	0.423	ug/l #	59
92) 1,2-Dibromo-3-Chloropr...	14.605	75	1696	0.580	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	15440	1.724	ug/l #	43
94) Hexachlorobutadiene	15.370	225	2016	0.387	ug/l #	74
95) Naphthalene	15.504	128	81844	4.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.697	180	18265	2.923	ug/l #	86

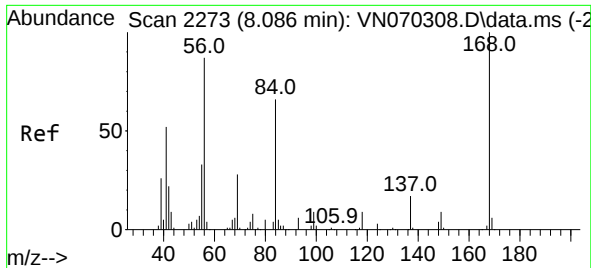
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070433.D
 Acq On : 3 Jan 2022 13:29
 Operator : JC/MD
 Sample : M5212-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

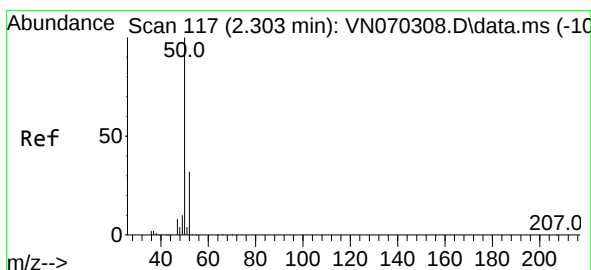
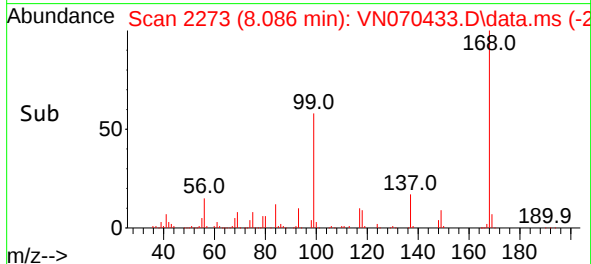
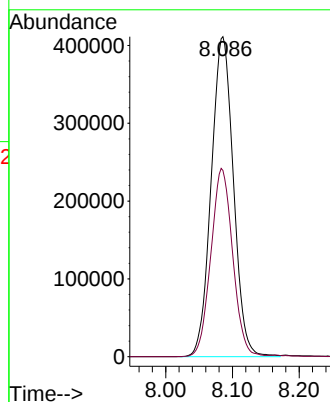
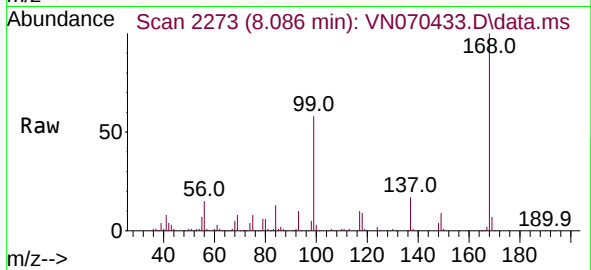




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

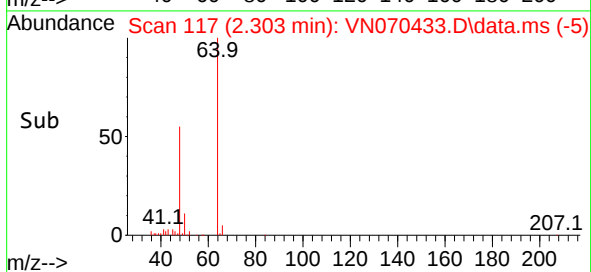
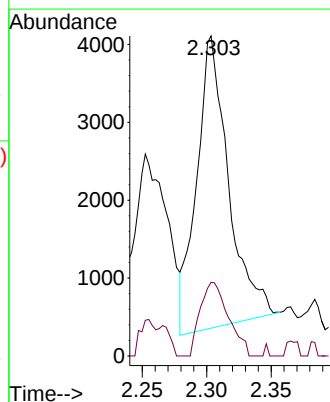
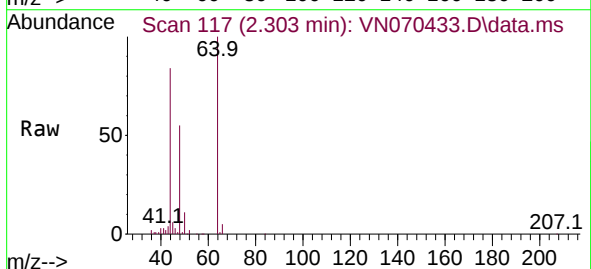
Instrument :
MSVOA_N
ClientSampleId :

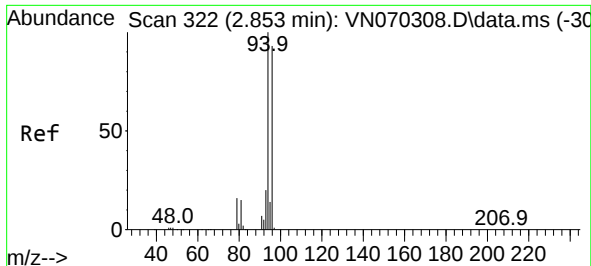
Tgt Ion:168 Resp: 950772
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#3
Chloromethane
Concen: 0.441 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 50 Resp: 6463
Ion Ratio Lower Upper
50 100
52 26.7 25.4 38.0

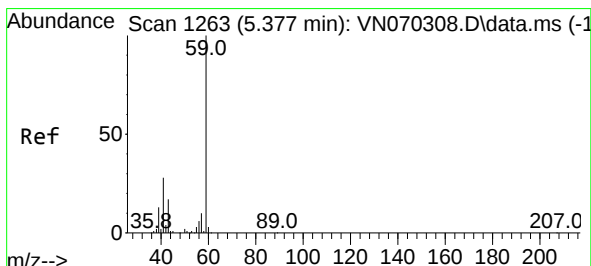
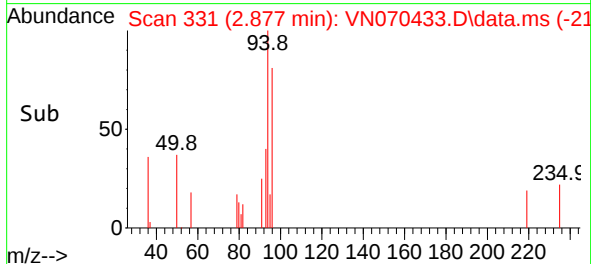
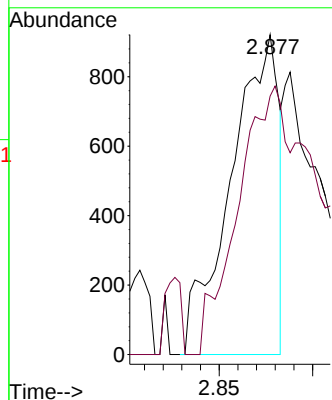
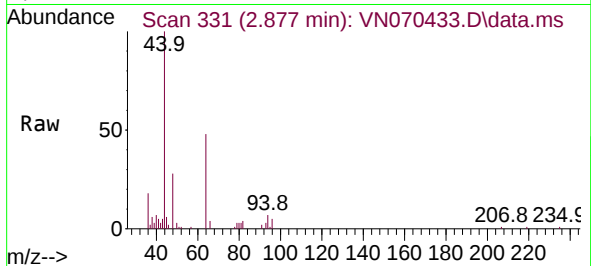




#5
Bromomethane
Concen: 0.236 ug/l
RT: 2.877 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

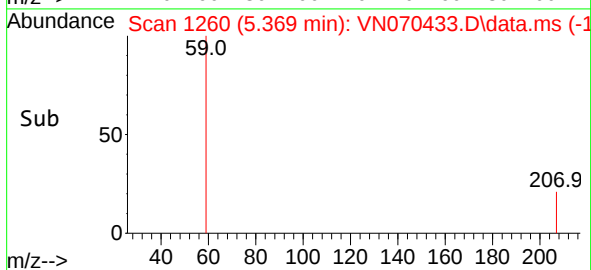
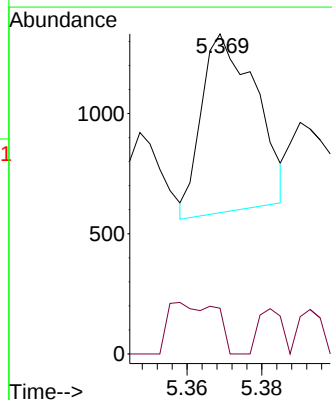
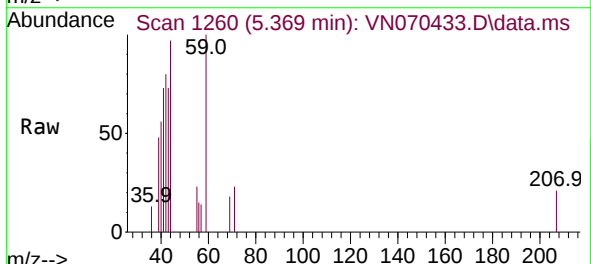
Instrument :
MSVOA_N
ClientSampleId :

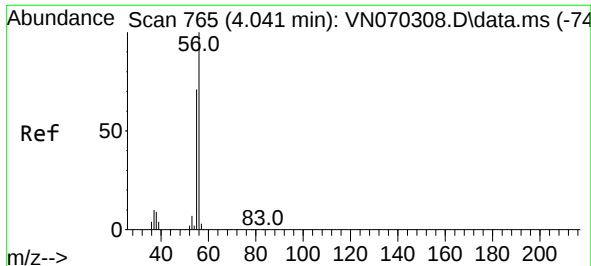
Tgt Ion: 94 Resp: 1628
Ion Ratio Lower Upper
94 100
96 58.3 73.8 110.8#



#11
Tert butyl alcohol
Concen: 0.330 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.008 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

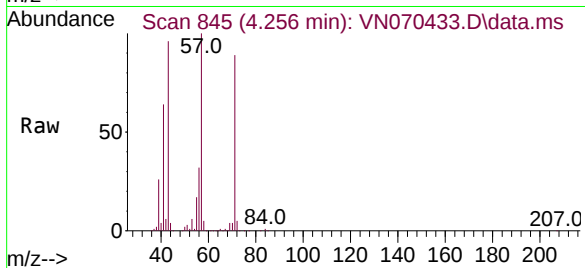
Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



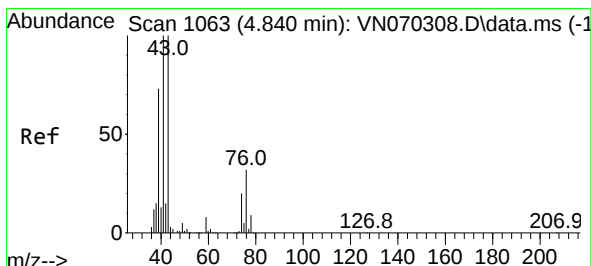
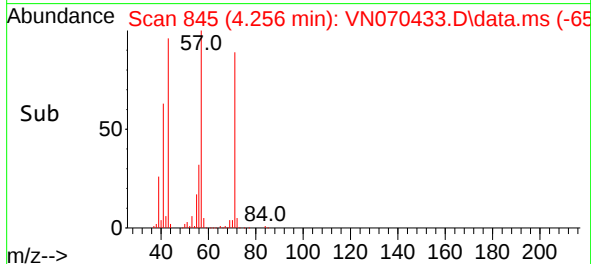
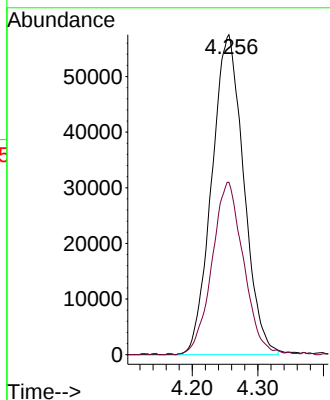


#13
Acrolein
Concen: 105.204 ug/l
RT: 4.256 min Scan# 84
Delta R.T. 0.215 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

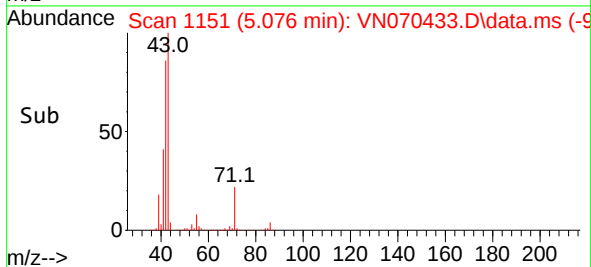
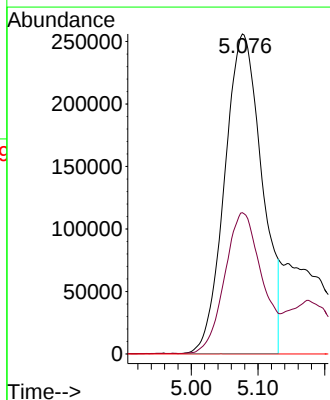
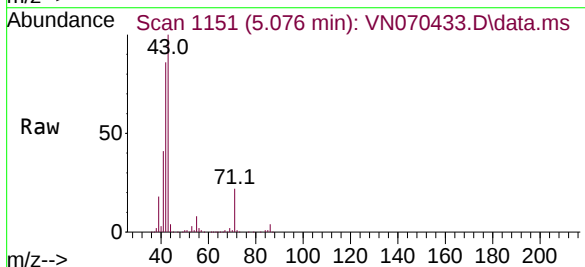


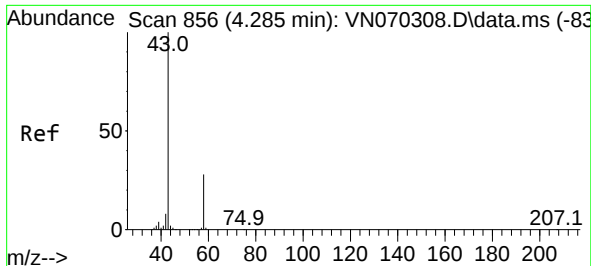
Tgt Ion: 56 Resp: 194296
Ion Ratio Lower Upper
56 100
55 53.0 56.6 85.0#



#14
Allyl chloride
Concen: 45.171 ug/l
RT: 5.076 min Scan# 1151
Delta R.T. 0.236 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

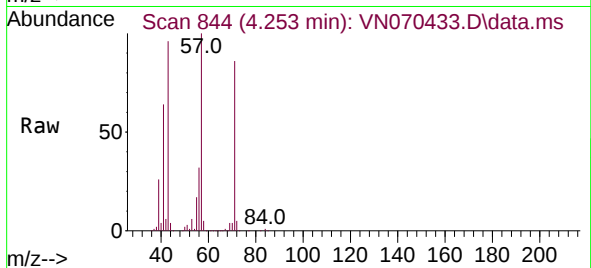
Tgt Ion: 41 Resp: 991696
Ion Ratio Lower Upper
41 100
39 43.7 61.2 91.8#
76 0.0 26.0 39.0#



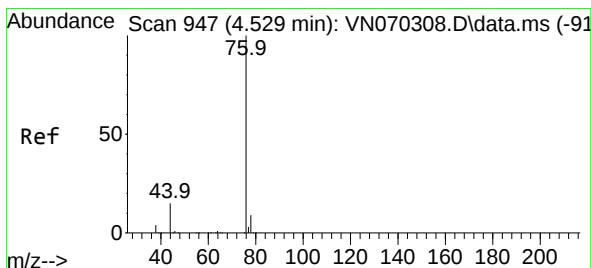
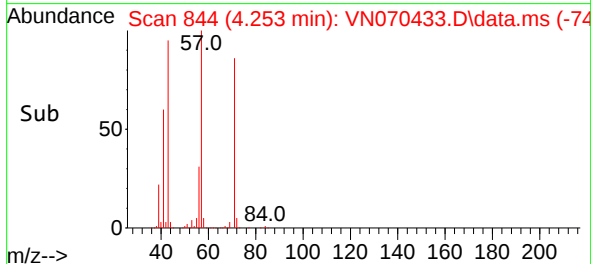
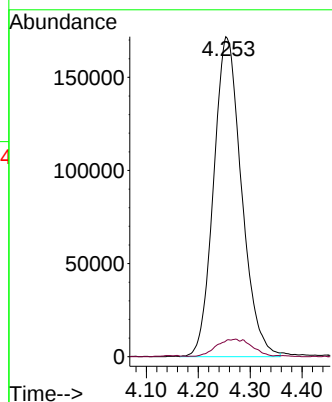


#16
Acetone
Concen: 72.282 ug/l
RT: 4.253 min Scan# 844
Delta R.T. -0.032 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

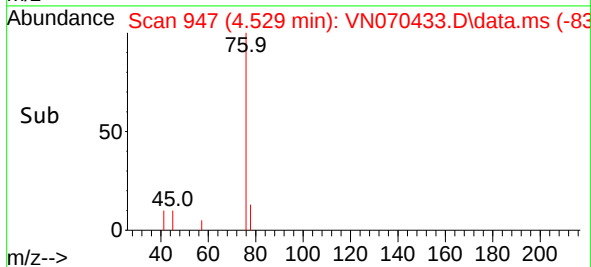
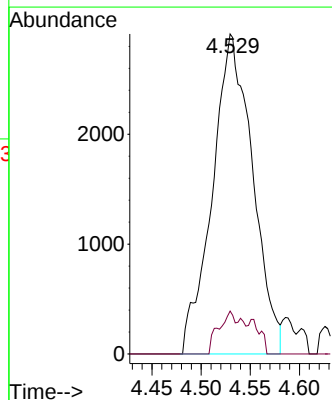
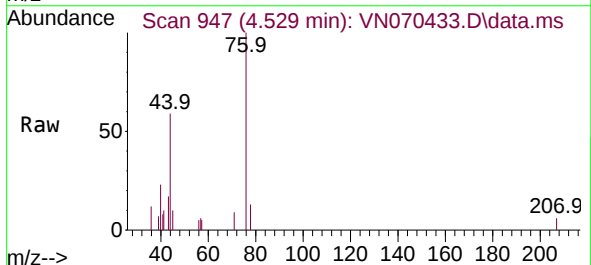


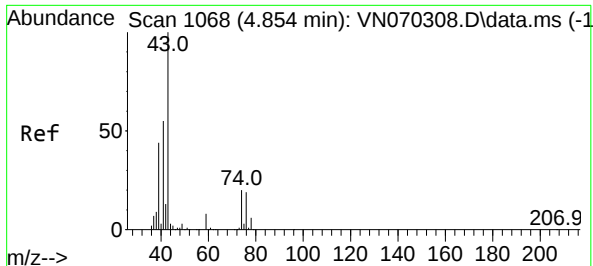
Tgt Ion: 43 Resp: 641440
Ion Ratio Lower Upper
43 100
58 4.7 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 76 Resp: 8291
Ion Ratio Lower Upper
76 100
78 13.4 7.5 11.3#





#18

Methyl Acetate

Concen: 98.115 ug/l

RT: 5.076 min Scan# 1151

Delta R.T. 0.222 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Instrument :

MSVOA_N

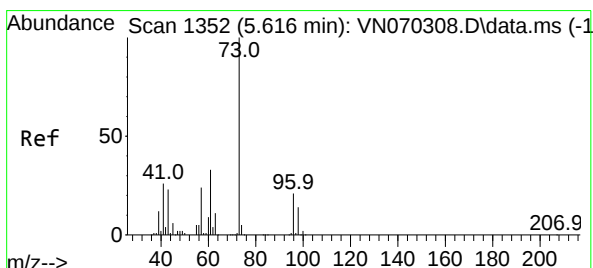
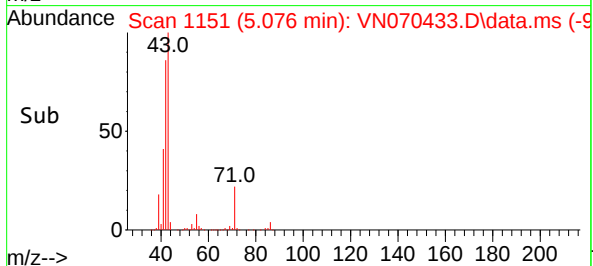
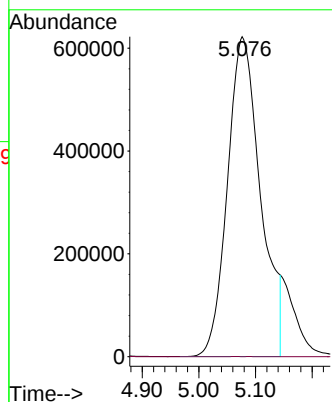
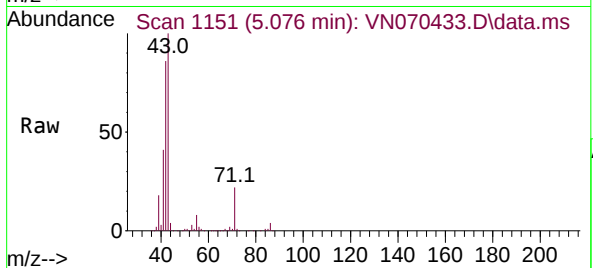
ClientSampleId :

Tgt Ion: 43 Resp: 2518613

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.250 ug/l

RT: 5.610 min Scan# 1350

Delta R.T. -0.006 min

Lab File: VN070433.D

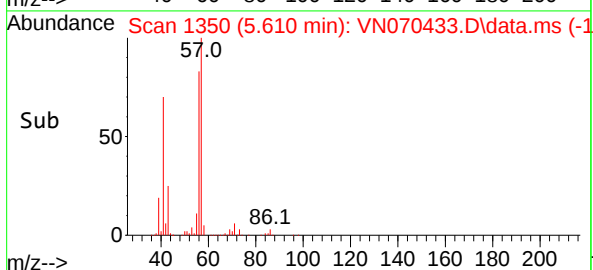
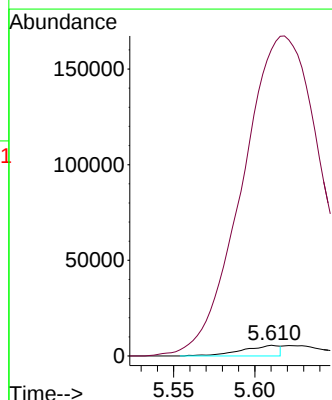
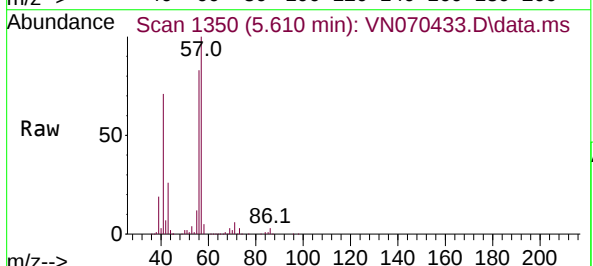
Acq: 3 Jan 2022 13:29

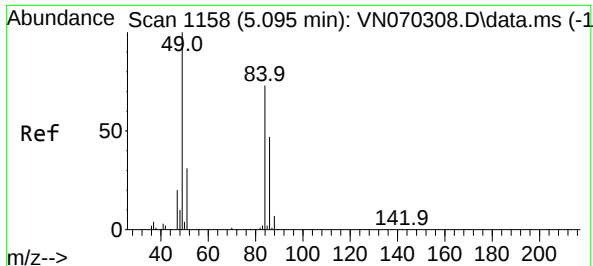
Tgt Ion: 73 Resp: 9006

Ion Ratio Lower Upper

73 100

57 2817.3 16.8 25.2#





#20

Methylene Chloride

Concen: 0.789 ug/l

RT: 5.060 min Scan# 1145

Delta R.T. -0.035 min

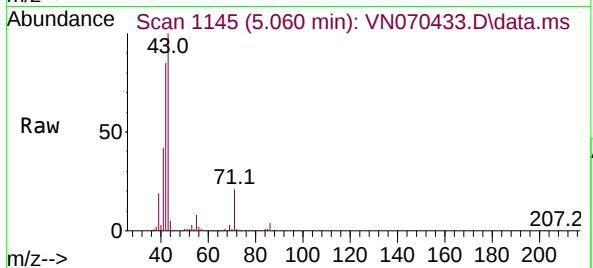
Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 9689

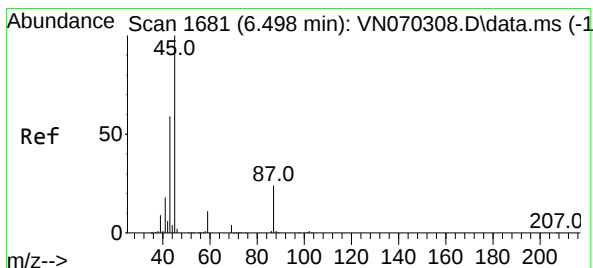
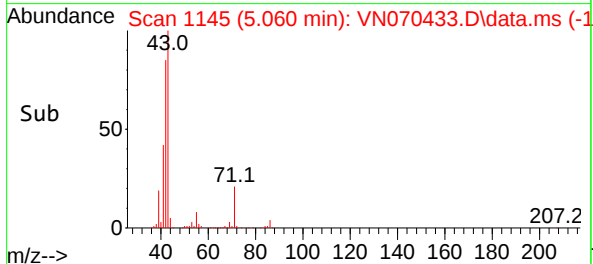
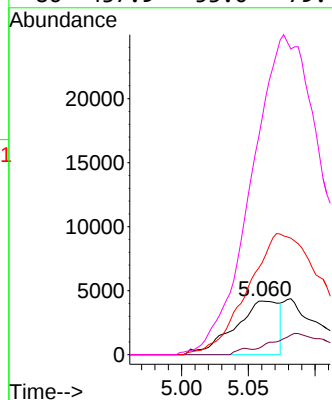
Ion Ratio Lower Upper

84 100

49 15.6 93.5 140.3#

51 172.2 29.4 44.2#

86 437.9 53.0 79.4#



#22

Diisopropyl ether

Concen: 0.586 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Tgt Ion: 45 Resp: 25053

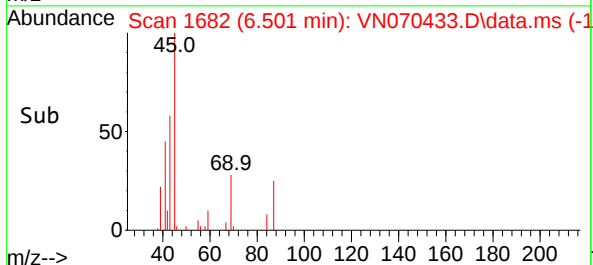
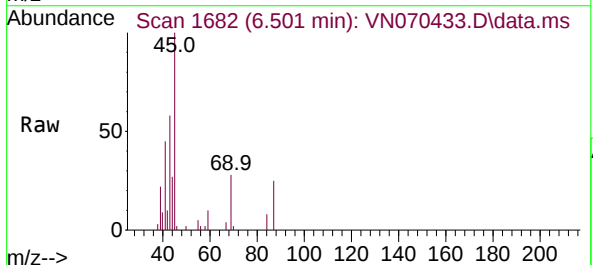
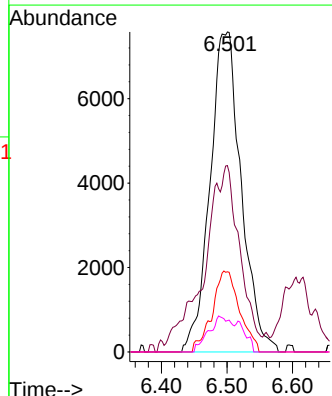
Ion Ratio Lower Upper

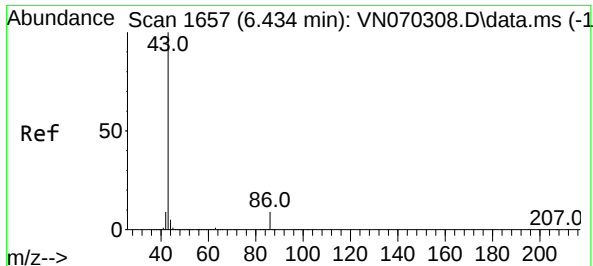
45 100

43 48.6 51.7 77.5#

87 25.1 23.2 34.8

59 9.8 9.4 14.0





#23

Vinyl Acetate

Concen: 0.226 ug/l

RT: 6.484 min Scan# 1

Delta R.T. 0.050 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Instrument :

MSVOA_N

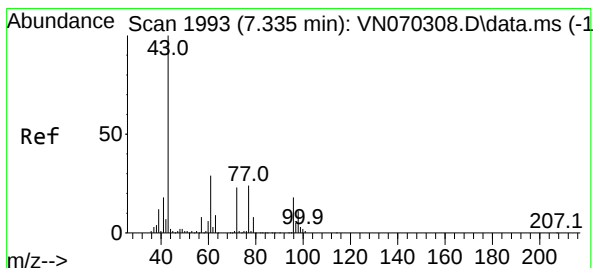
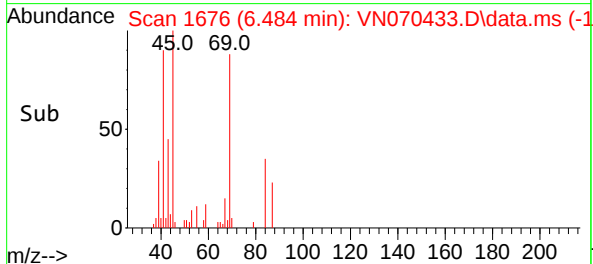
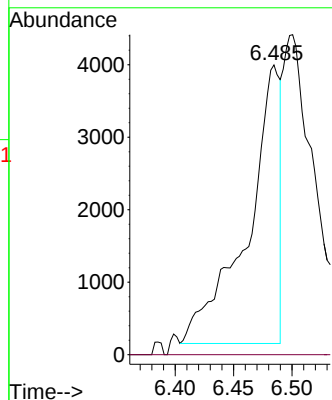
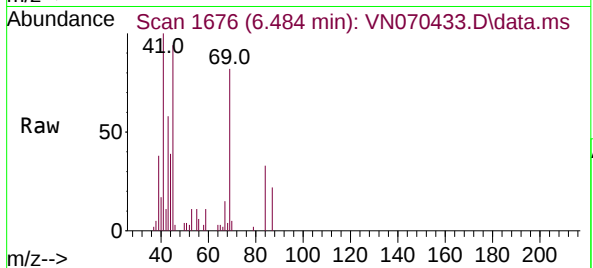
ClientSampleId :

Tgt Ion: 43 Resp: 7496

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#25

2-Butanone

Concen: 4.404 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN070433.D

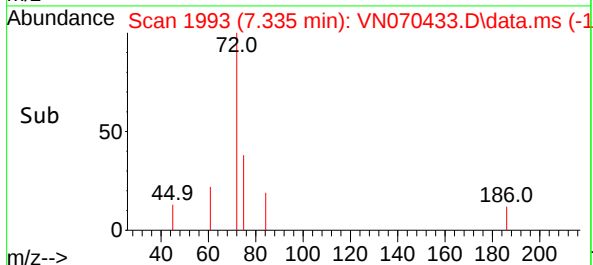
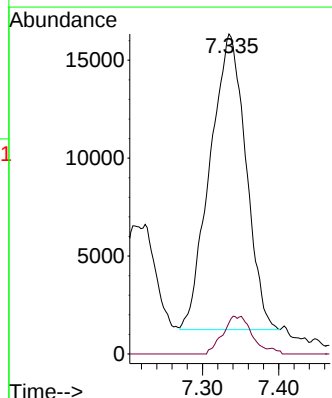
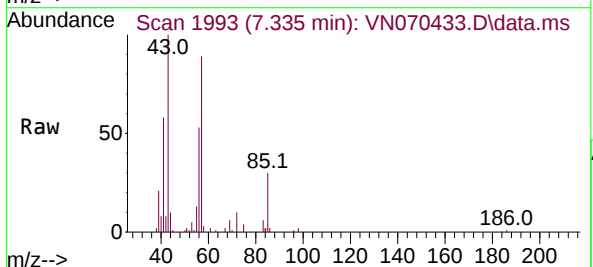
Acq: 3 Jan 2022 13:29

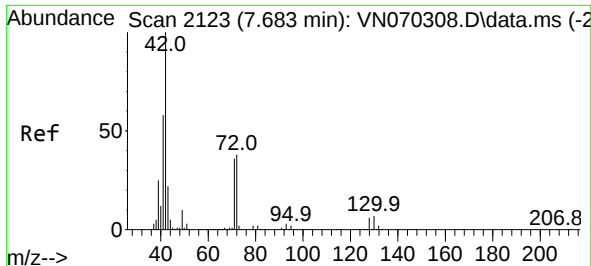
Tgt Ion: 43 Resp: 49213

Ion Ratio Lower Upper

43 100

72 10.6 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.363 ug/l

RT: 7.702 min Scan# 2123

Delta R.T. 0.019 min

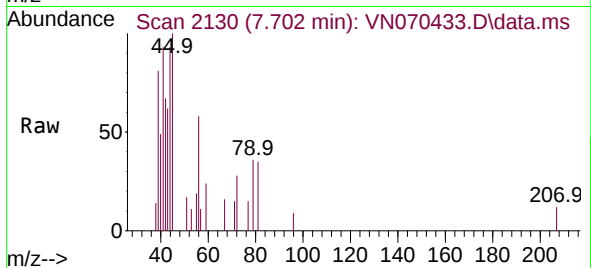
Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

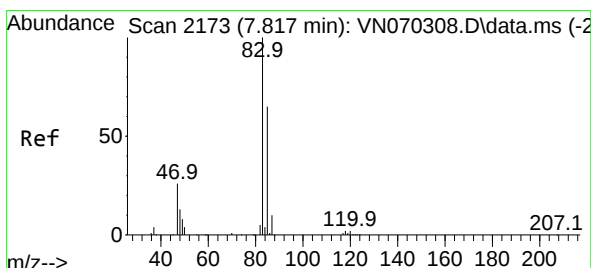
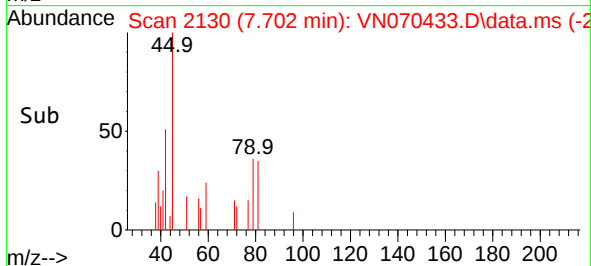
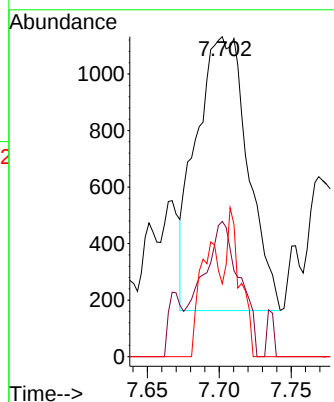
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2421
Ion	Ratio	Lower	Upper
42	100		
72	36.3	36.3	54.5#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 0.266 ug/l

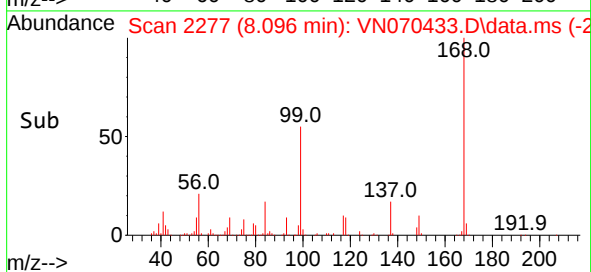
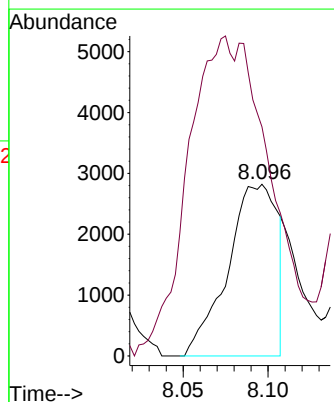
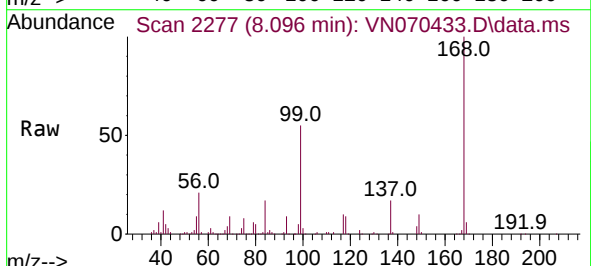
RT: 8.096 min Scan# 2277

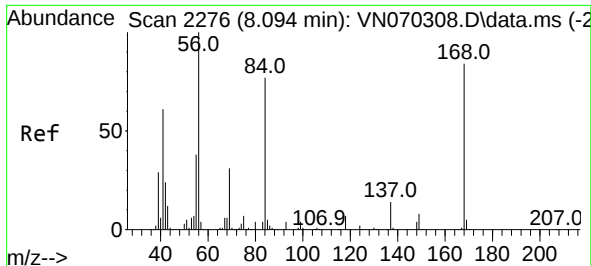
Delta R.T. 0.279 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

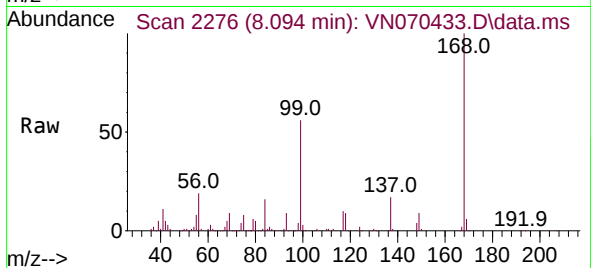
Tgt Ion:	83	Resp:	5695
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.9	77.9



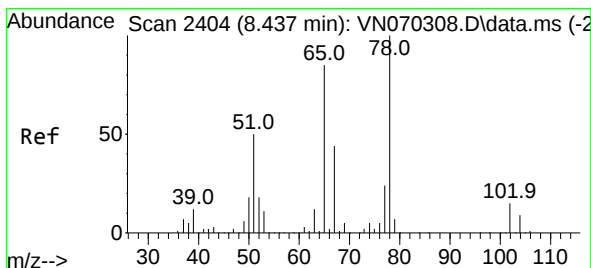
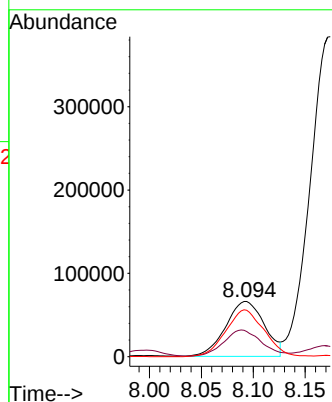
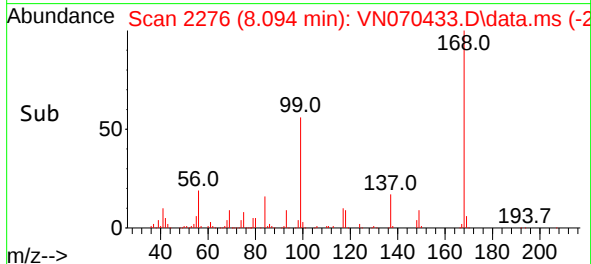


#31
Cyclohexane
Concen: 7.938 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

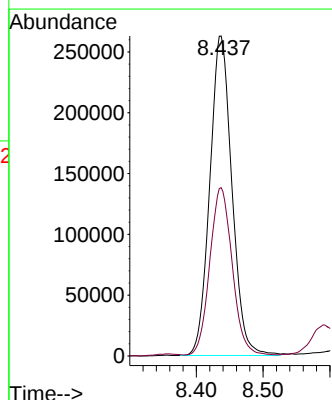
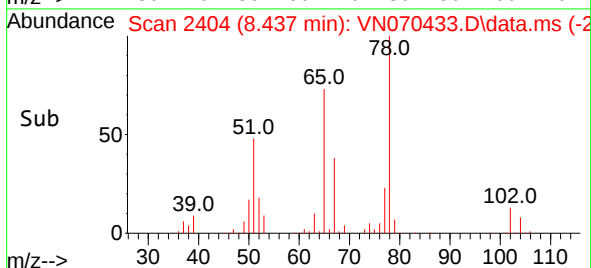
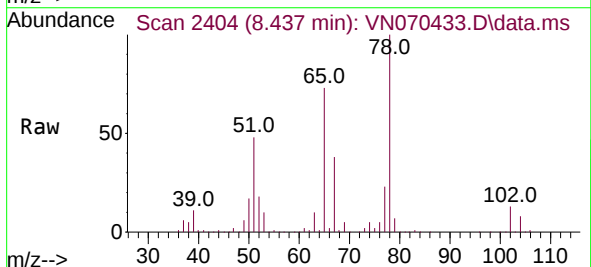


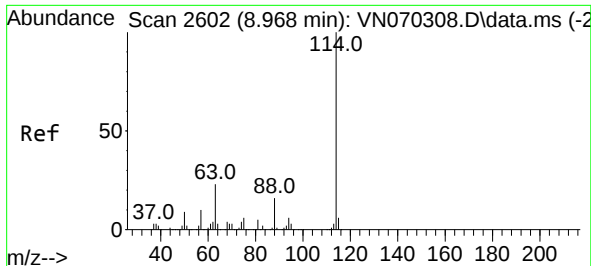
Tgt Ion: 56 Resp: 171245
Ion Ratio Lower Upper
56 100
69 43.8 27.1 40.7#
84 84.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 44.308 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

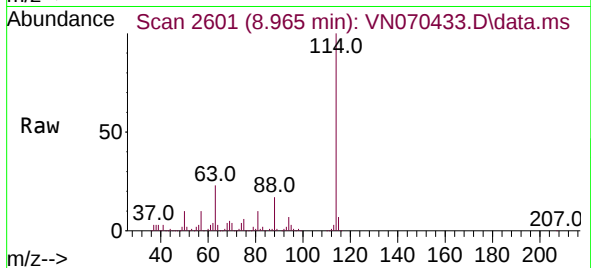
Tgt Ion: 65 Resp: 605697
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0



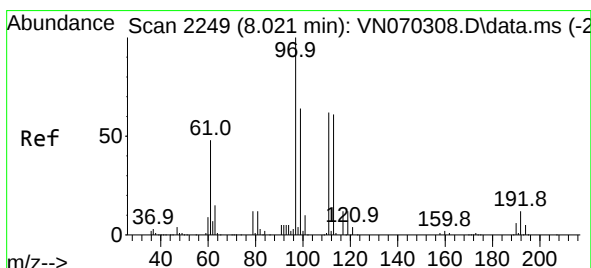
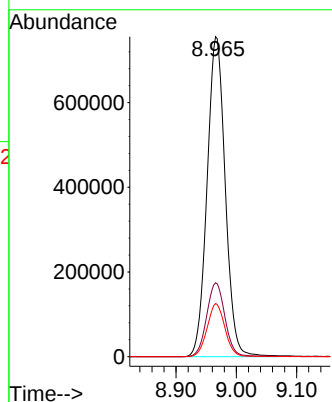
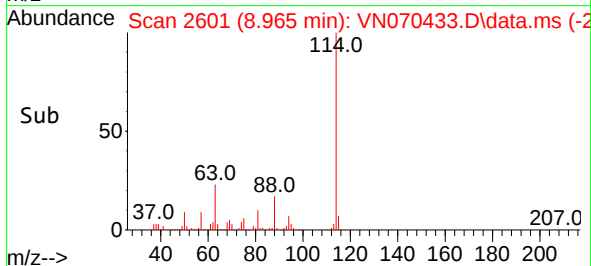


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

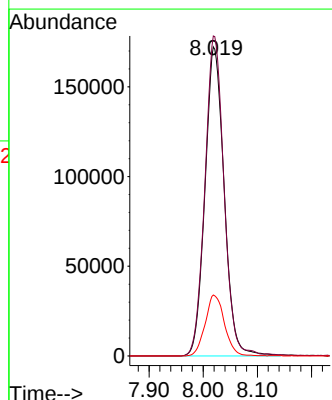
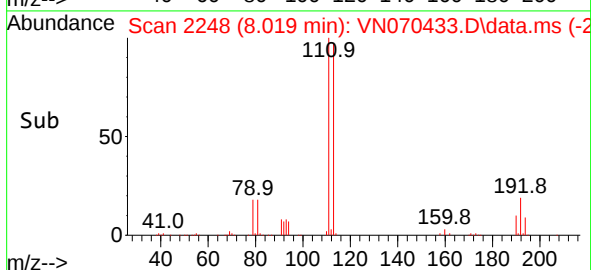
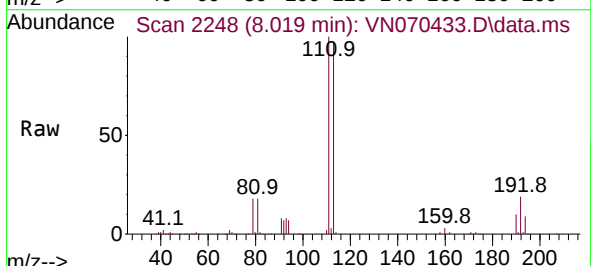


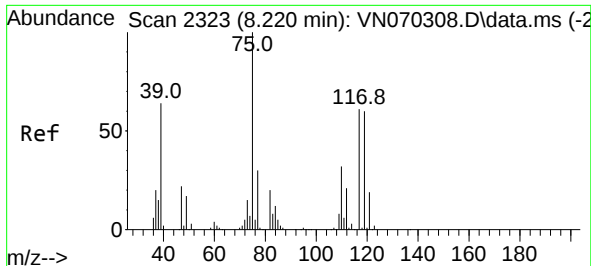
Tgt Ion:114 Resp: 1580100
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.382 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

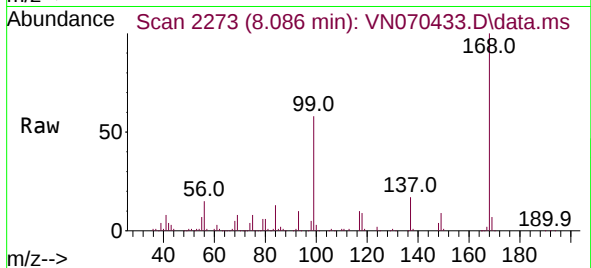
Tgt Ion:113 Resp: 424312
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.8 16.9 25.3



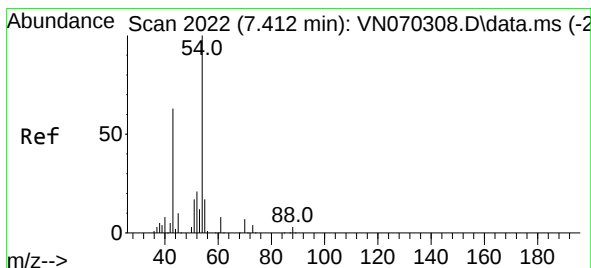
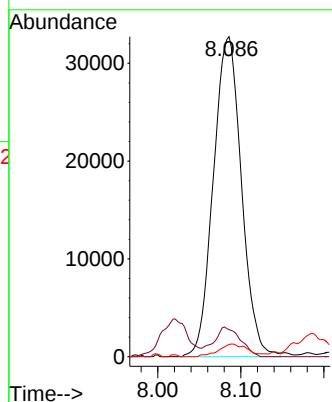
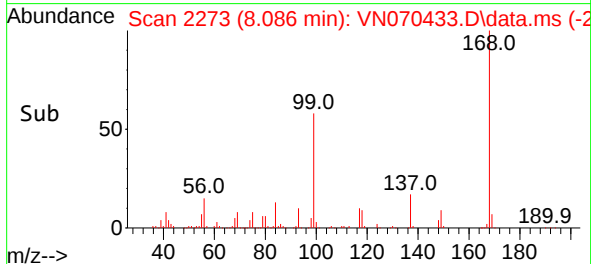


#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

Instrument :
 MSVOA_N
 ClientSampleId :

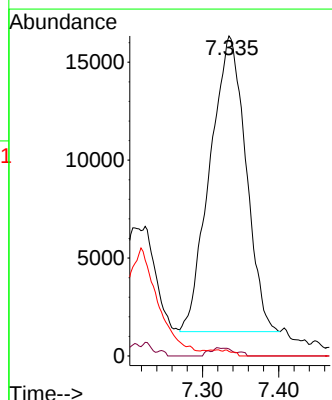
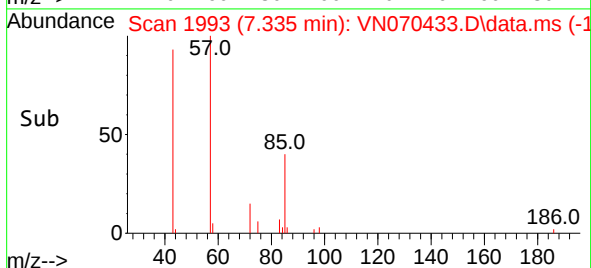
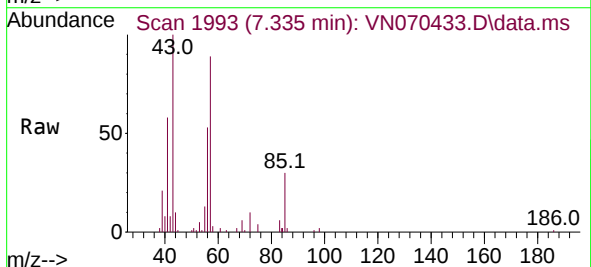


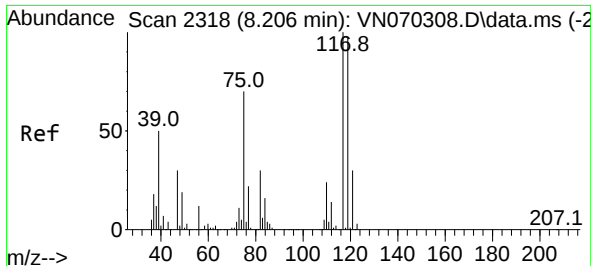
Tgt Ion: 75 Resp: 76849
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 2.401 ug/l
 RT: 7.335 min Scan# 1993
 Delta R.T. -0.077 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

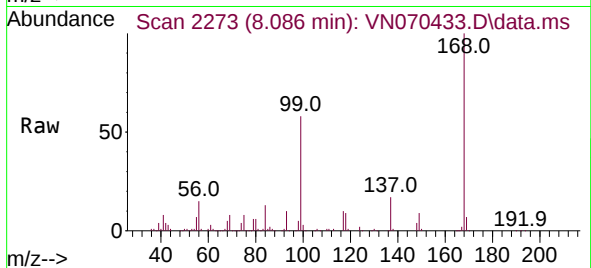
Tgt Ion: 43 Resp: 49213
 Ion Ratio Lower Upper
 43 100
 61 0.9 11.5 17.3#
 70 0.0 7.9 11.9#



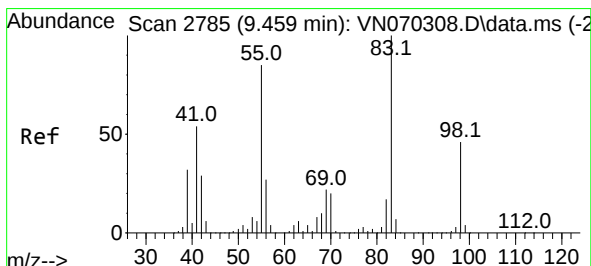
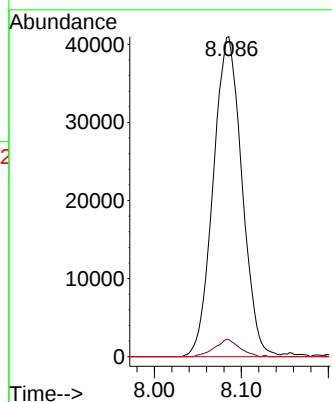
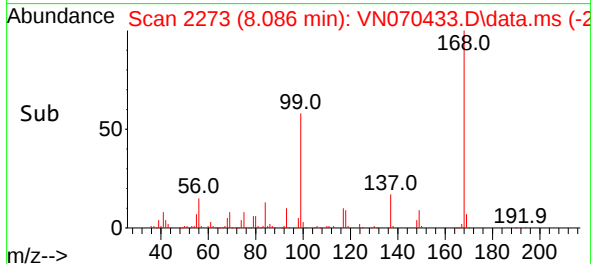


#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 8.086 min Scan# 2117
Delta R.T. -0.120 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

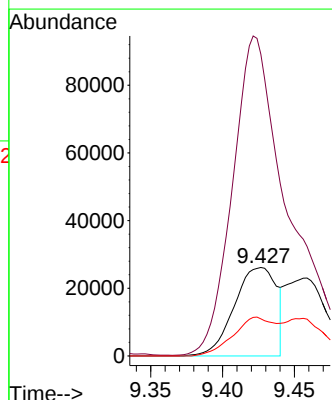
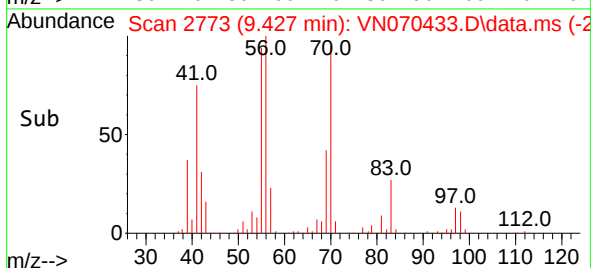
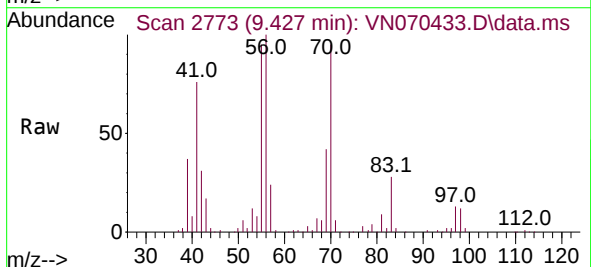


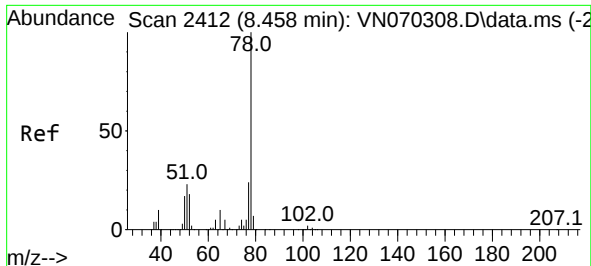
Tgt Ion:117 Resp: 93912
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 2.800 ug/l
RT: 9.427 min Scan# 2773
Delta R.T. -0.032 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 83 Resp: 53621
Ion Ratio Lower Upper
83 100
55 340.1 58.1 87.1#
98 42.0 38.4 57.6





#40

Benzene

Concen: 48.870 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. 0.000 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Instrument :

MSVOA_N

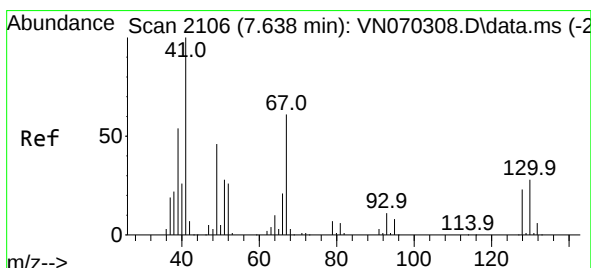
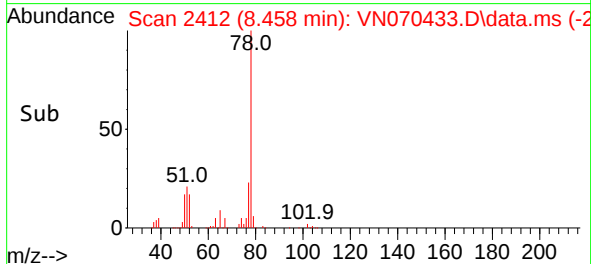
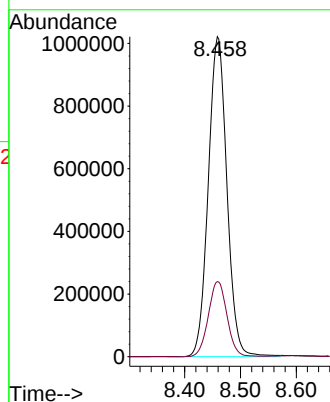
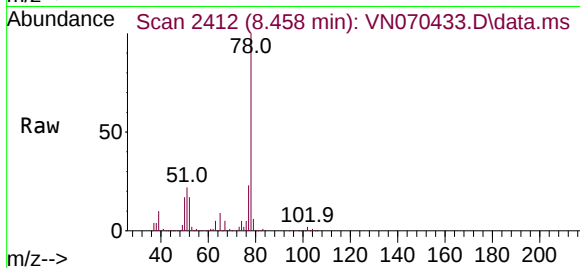
ClientSampleId :

Tgt Ion: 78 Resp: 2369554

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8



#41

Methacrylonitrile

Concen: 1.110 ug/l

RT: 7.654 min Scan# 2112

Delta R.T. 0.016 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Tgt Ion: 41 Resp: 11383

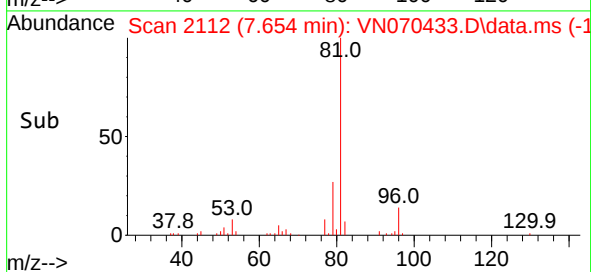
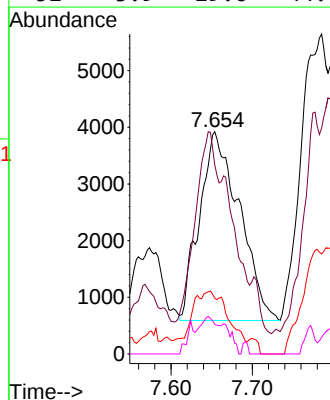
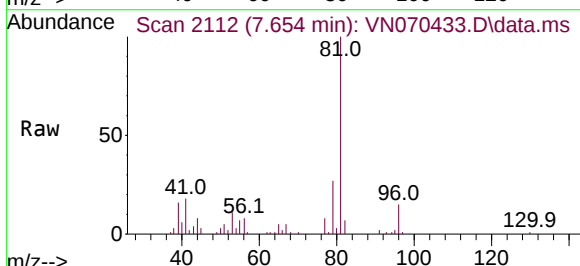
Ion Ratio Lower Upper

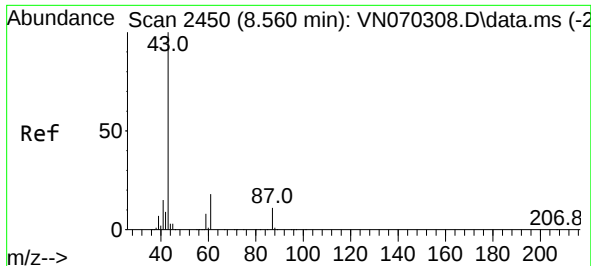
41 100

39 54.3 48.1 72.1

67 0.0 68.3 102.5#

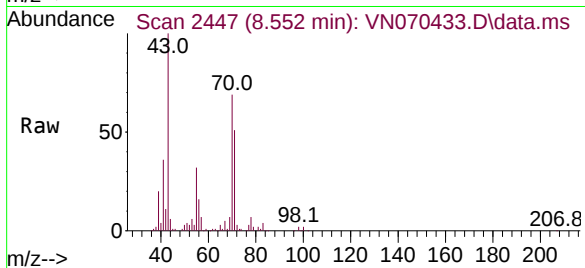
52 3.9 29.6 44.4#



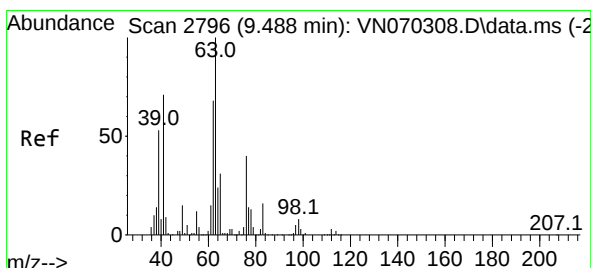
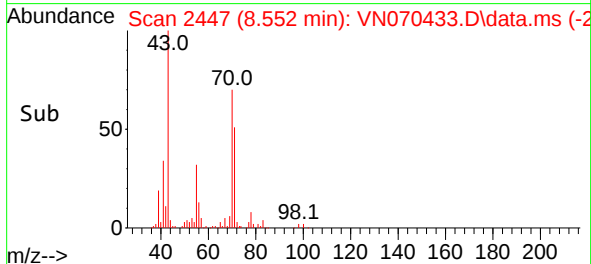
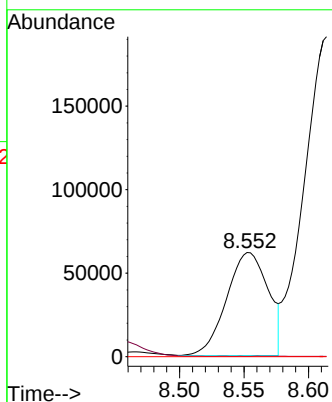


#43
Isopropyl Acetate
Concen: 4.325 ug/l
RT: 8.552 min Scan# 2450
Delta R.T. -0.008 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

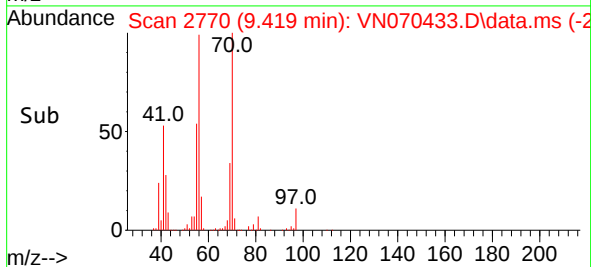
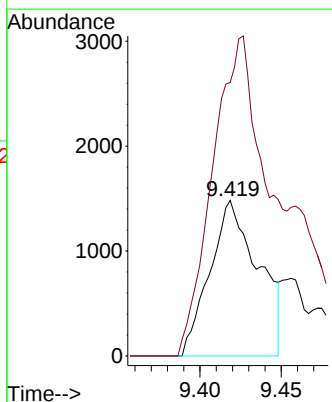
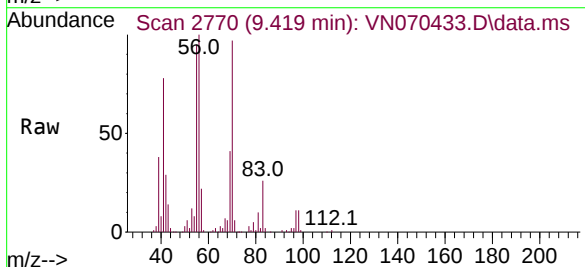


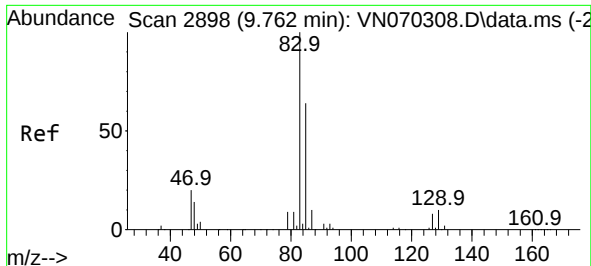
Tgt Ion: 43 Resp: 139787
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 0.236 ug/l
RT: 9.419 min Scan# 2770
Delta R.T. -0.069 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 63 Resp: 3076
Ion Ratio Lower Upper
63 100
65 176.0 24.7 37.1#

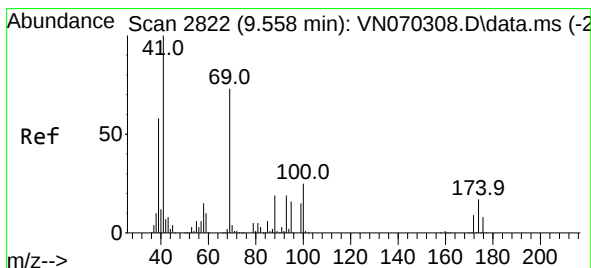
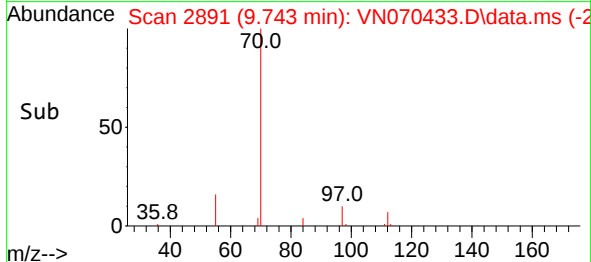
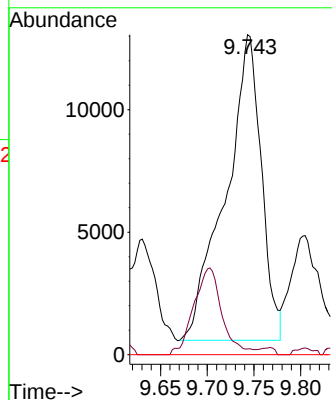
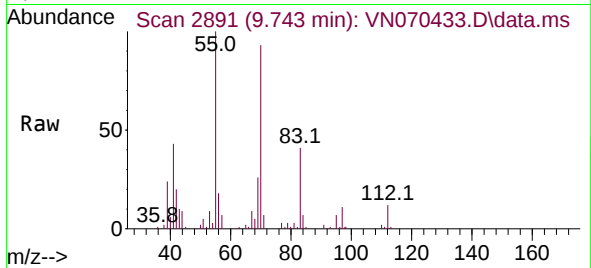




#47
Bromodichloromethane
Concen: 2.059 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

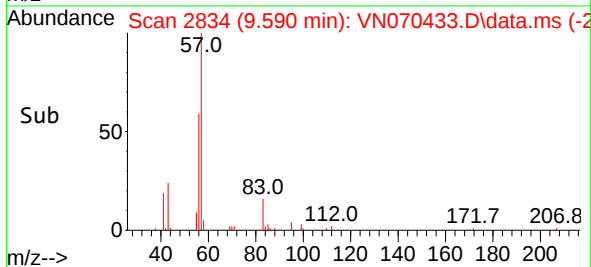
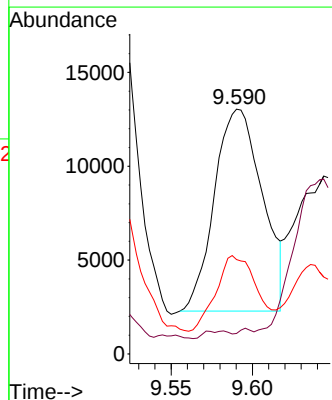
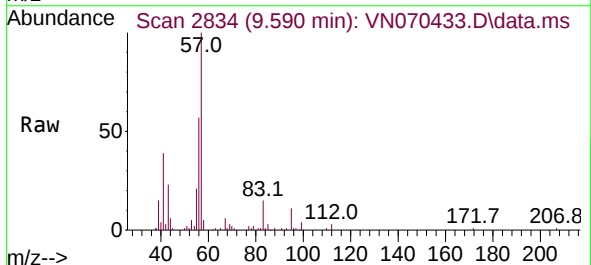
Instrument :
MSVOA_N
ClientSampleId :

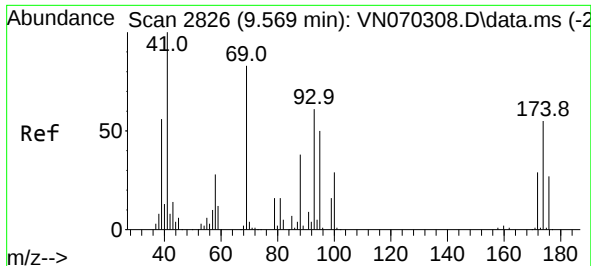
Tgt Ion: 83 Resp: 33194
Ion Ratio Lower Upper
83 100
85 1.9 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 1.430 ug/l
RT: 9.590 min Scan# 2834
Delta R.T. 0.032 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 41 Resp: 22053
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 32.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 1.374 ug/l

RT: 9.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

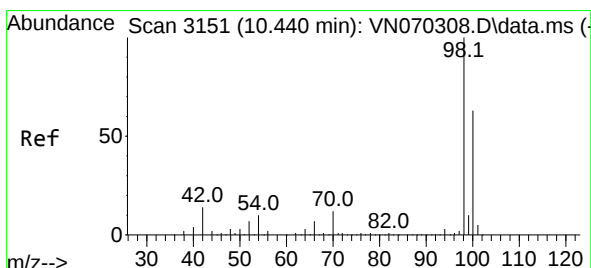
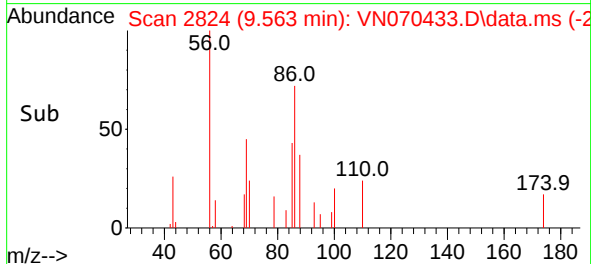
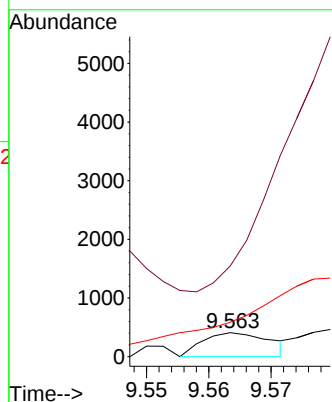
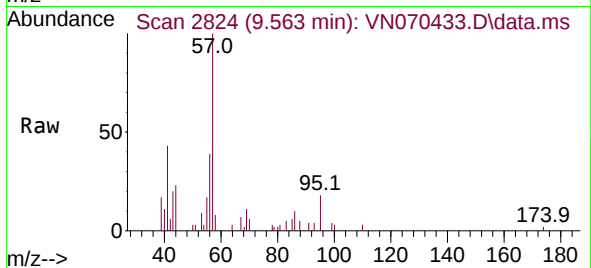
Tgt Ion: 88 Resp: 310

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 44.614 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070433.D

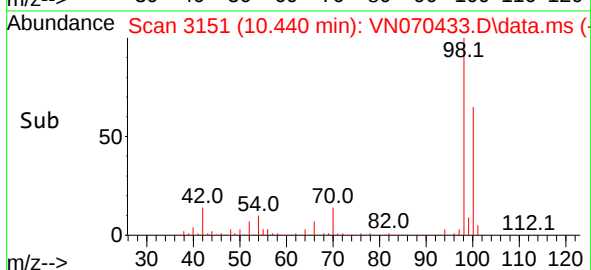
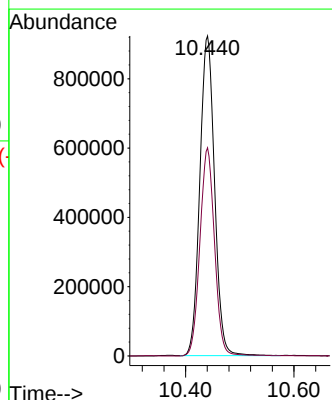
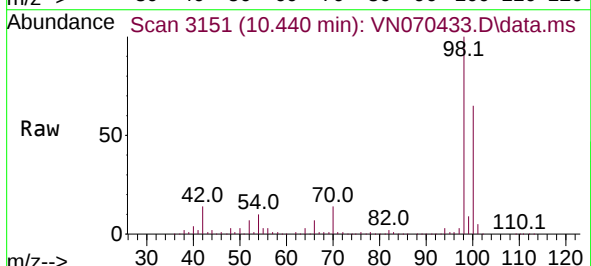
Acq: 3 Jan 2022 13:29

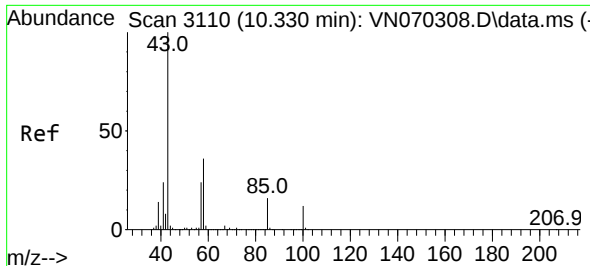
Tgt Ion: 98 Resp: 1742406

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

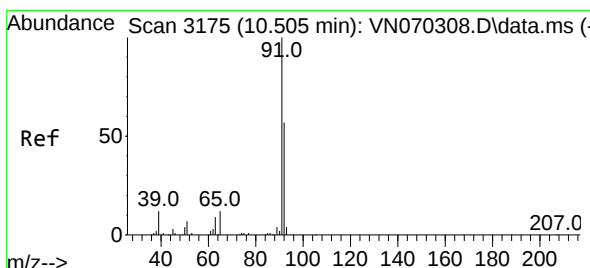
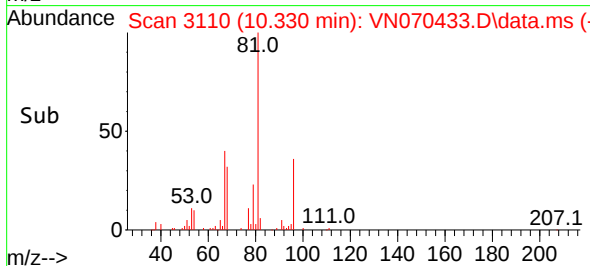
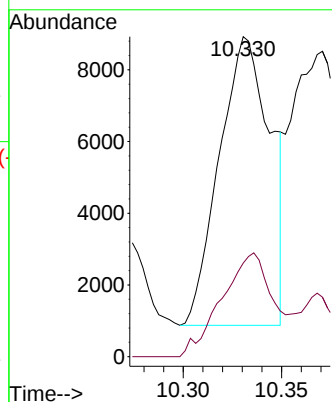
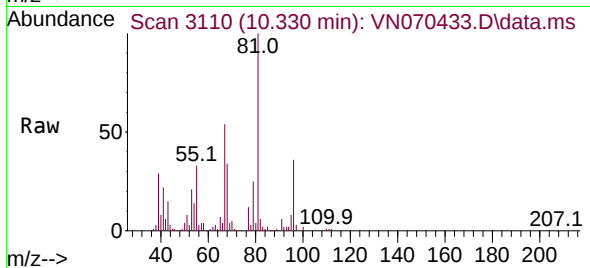




#51
4-Methyl-2-Pentanone
Concen: 0.712 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

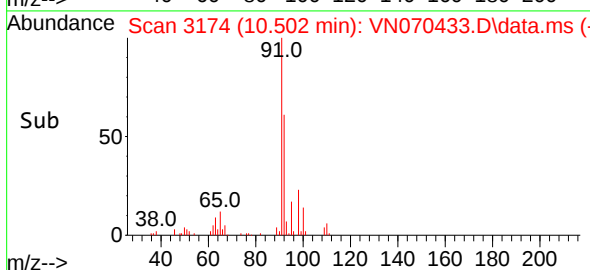
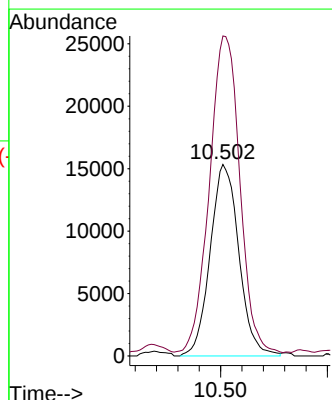
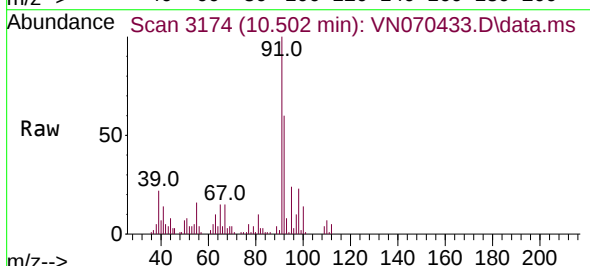
Instrument :
MSVOA_N
ClientSampleId :

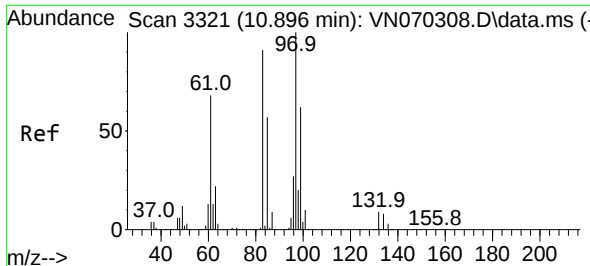
Tgt Ion: 43 Resp: 14455
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6



#52
Toluene
Concen: 0.976 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 92 Resp: 28651
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0

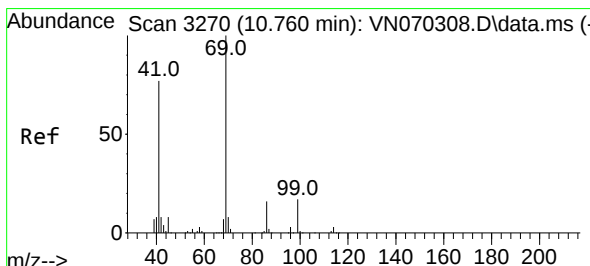
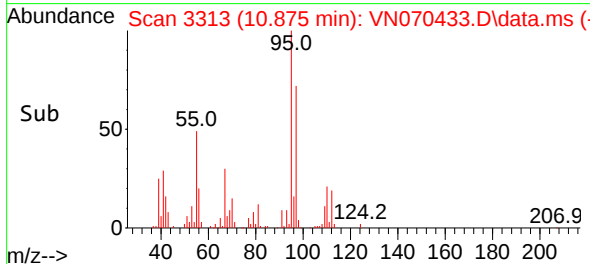
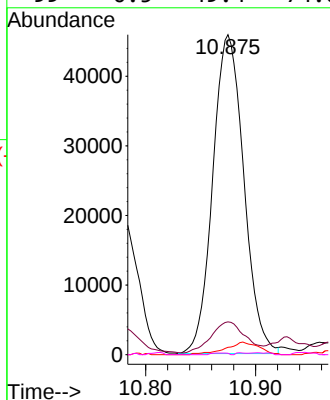
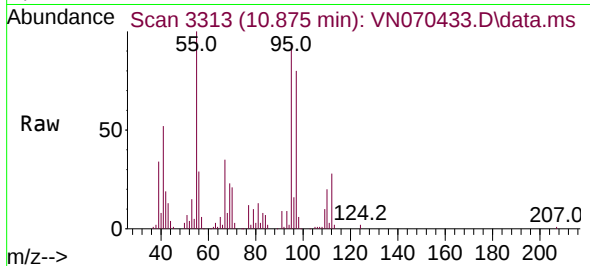




#55
1,1,2-Trichloroethane
Concen: 7.719 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

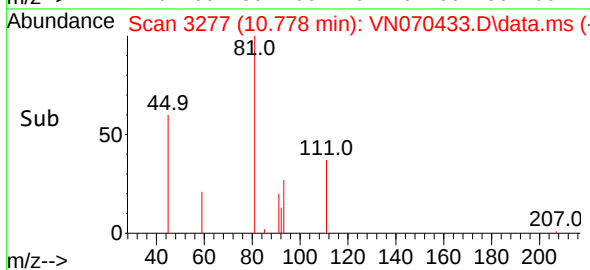
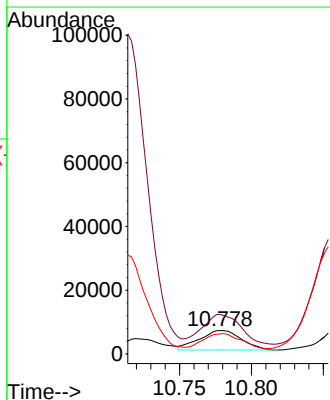
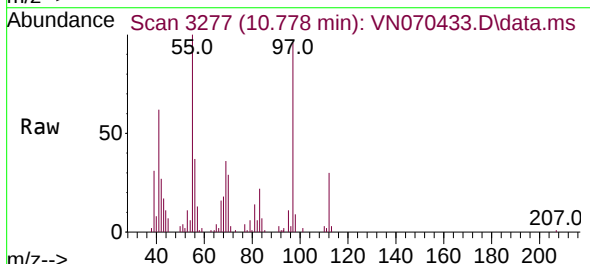
Instrument :
MSVOA_N
ClientSampleId :

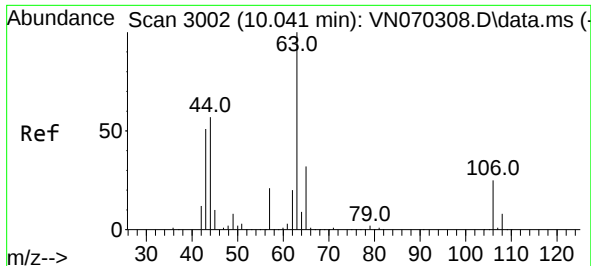
Tgt Ion: 97 Resp: 89639
Ion Ratio Lower Upper
97 100
83 9.6 67.8 101.6#
85 2.3 45.4 68.2#
99 0.5 49.4 74.0#



#56
Ethyl methacrylate
Concen: 0.649 ug/l
RT: 10.778 min Scan# 3277
Delta R.T. 0.018 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 69 Resp: 12456
Ion Ratio Lower Upper
69 100
41 168.4 51.4 77.0#
39 66.6 34.6 52.0#

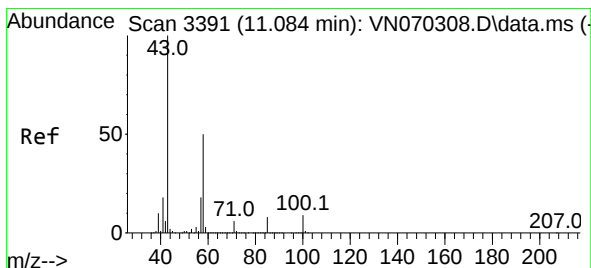
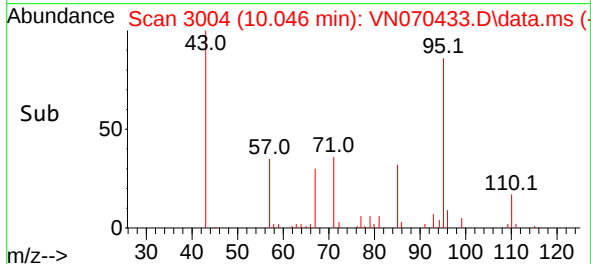
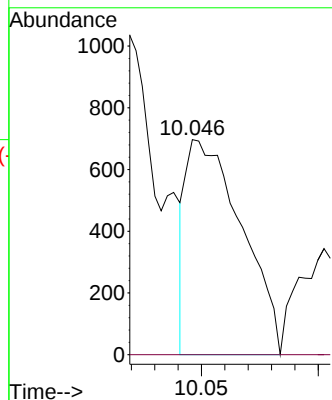
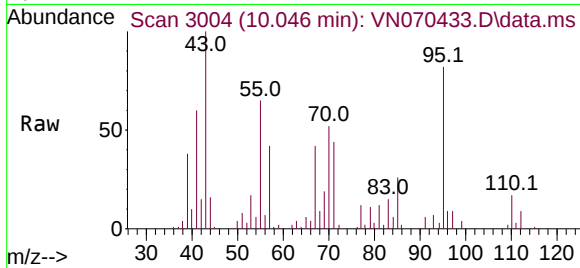




#58
2-Chloroethyl Vinyl ether
Concen: 18.731 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

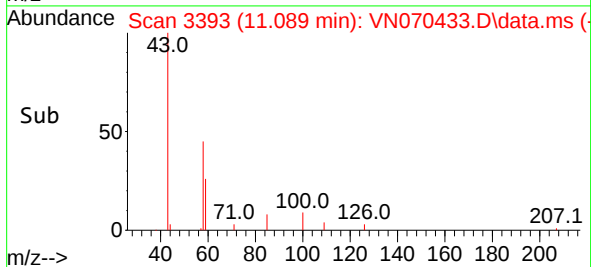
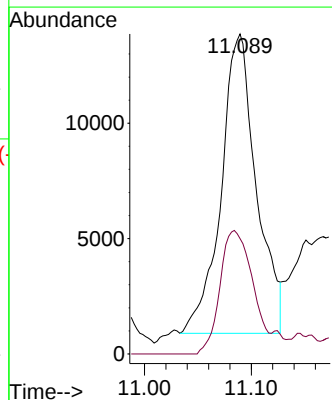
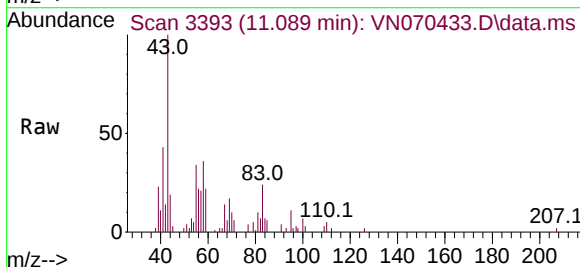
Instrument :
MSVOA_N
ClientSampleId :

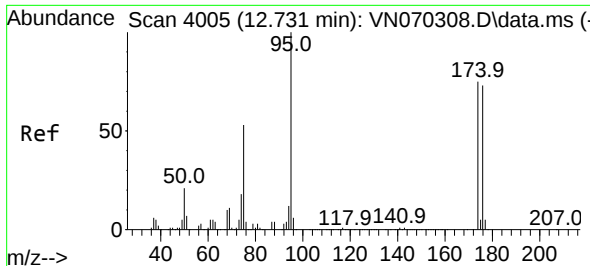
Tgt Ion: 63 Resp: 1154
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 2.010 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 43 Resp: 29772
Ion Ratio Lower Upper
43 100
58 38.5 26.9 80.7

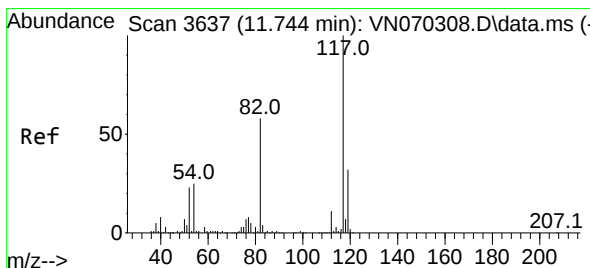
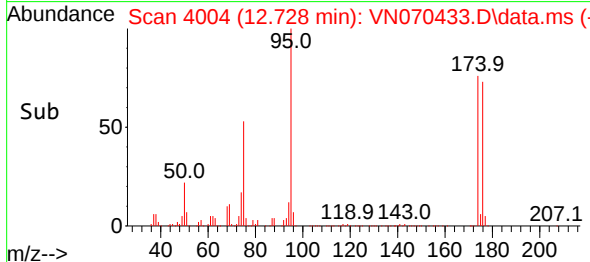
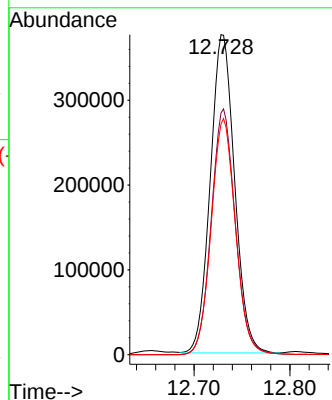
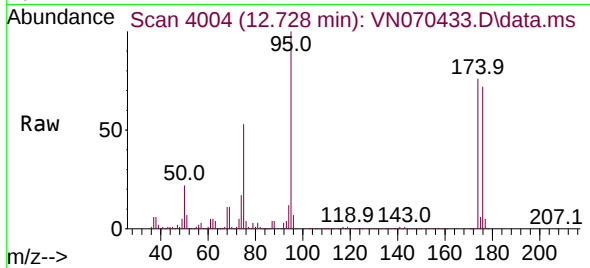




#62
4-Bromofluorobenzene
Concen: 46.823 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

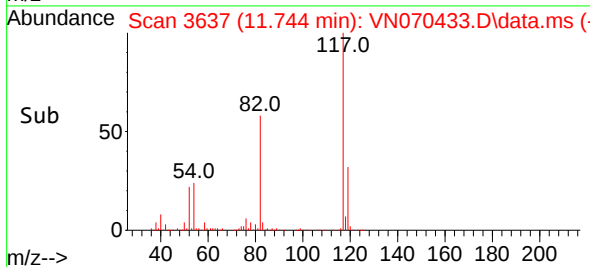
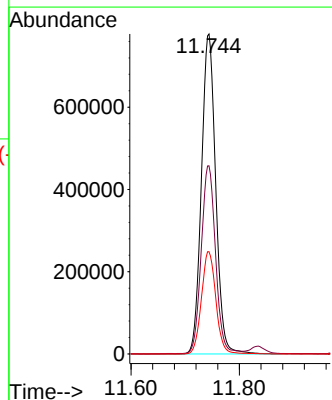
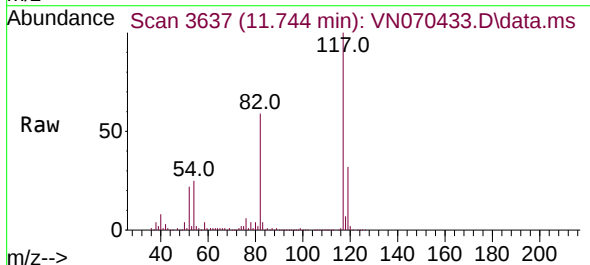
Instrument :
MSVOA_N
ClientSampleId :

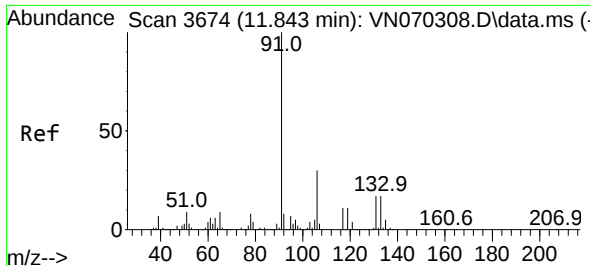
Tgt Ion: 95 Resp: 660482
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 74.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 117 Resp: 1424381
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.9 25.4 38.2

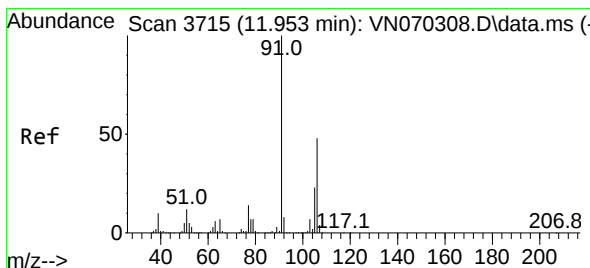
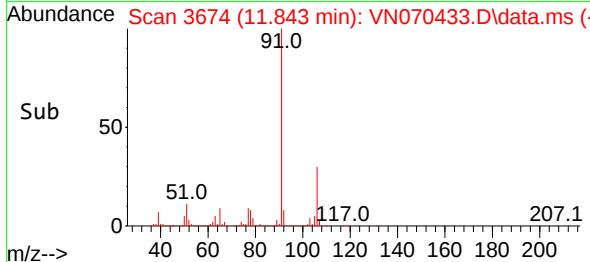
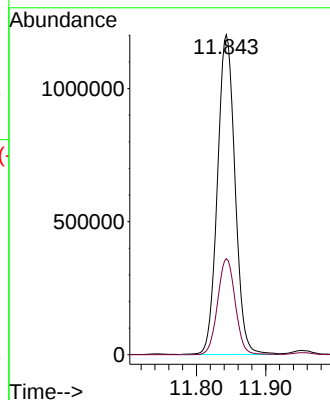
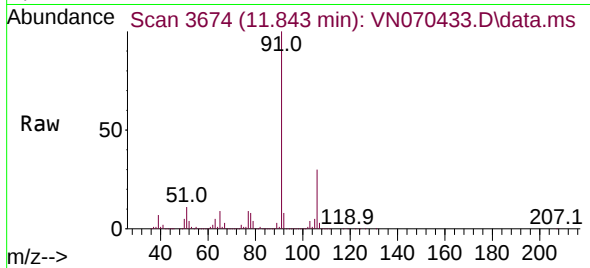




#67
Ethyl Benzene
Concen: 38.281 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

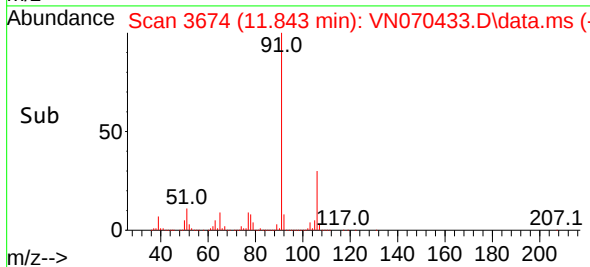
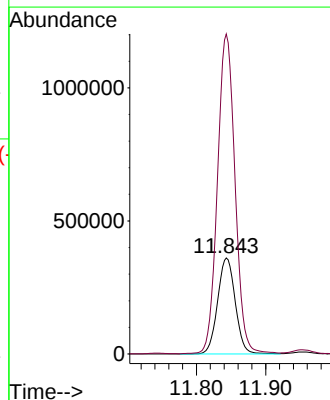
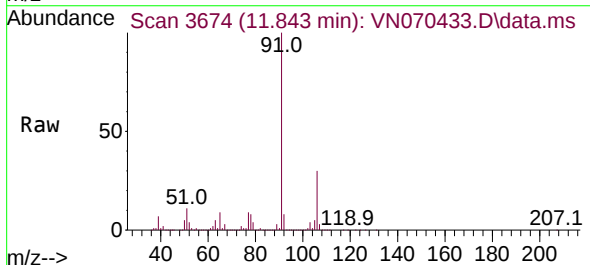
Instrument :
MSVOA_N
ClientSampleId :

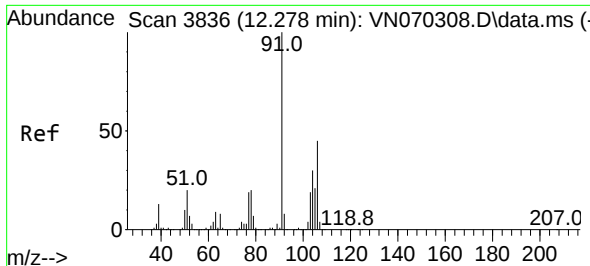
Tgt Ion: 91 Resp: 2119798
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5



#68
m/p-Xylenes
Concen: 31.731 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.110 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion:106 Resp: 639581
Ion Ratio Lower Upper
106 100
91 331.4 160.6 240.8#

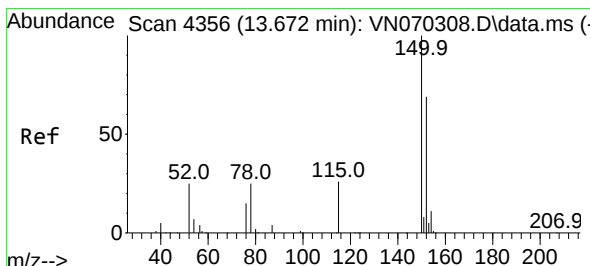
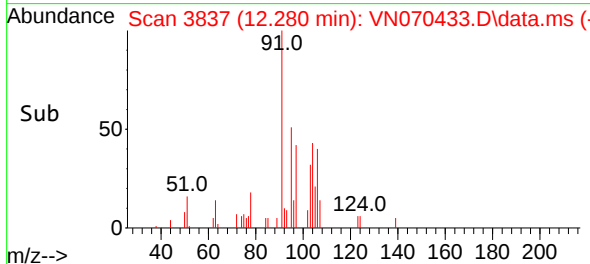
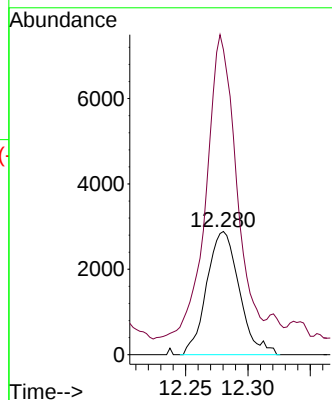
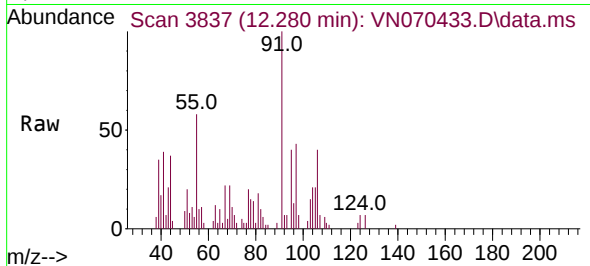




#69
o-Xylene
Concen: 0.262 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

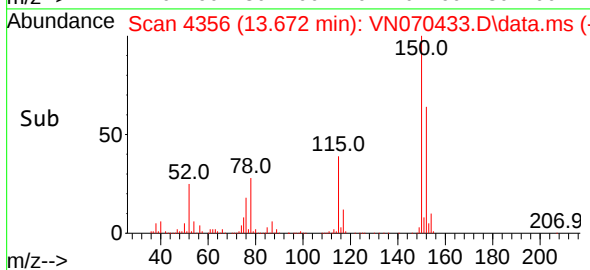
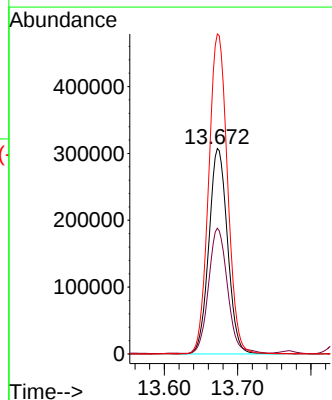
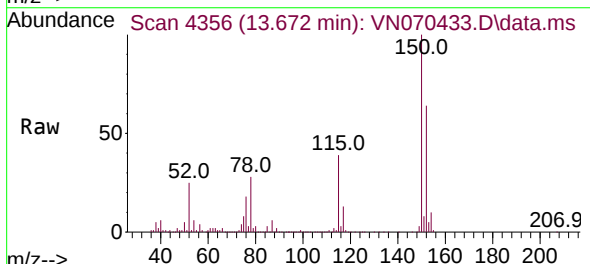
Instrument :
MSVOA_N
ClientSampleId :

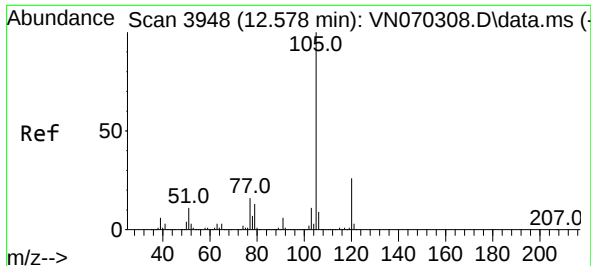
Tgt Ion:106 Resp: 5246
Ion Ratio Lower Upper
106 100
91 229.2 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

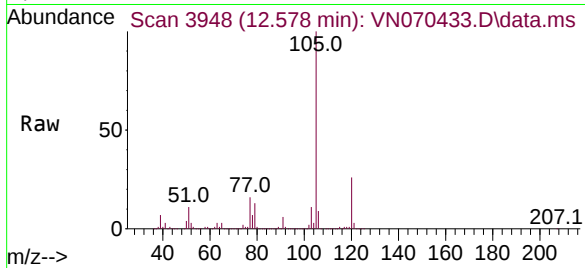
Tgt Ion:152 Resp: 543309
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 156.9 0.0 344.4



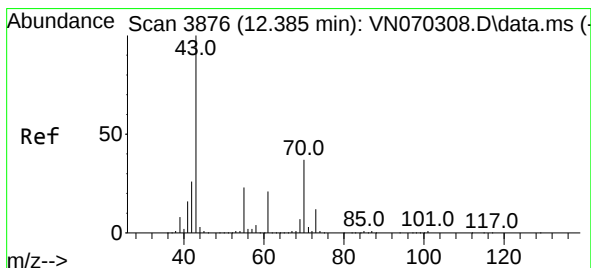
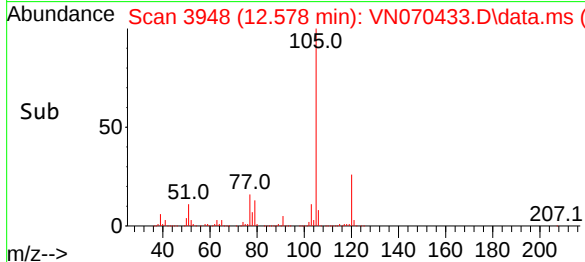
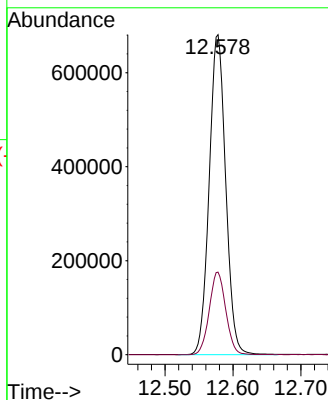


#73
Isopropylbenzene
Concen: 22.741 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

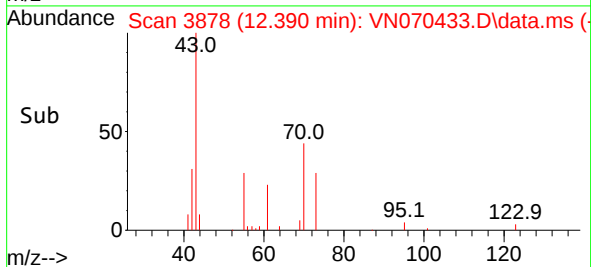
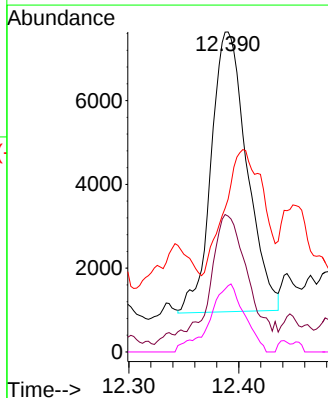
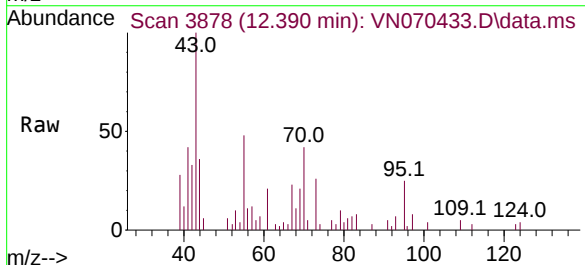


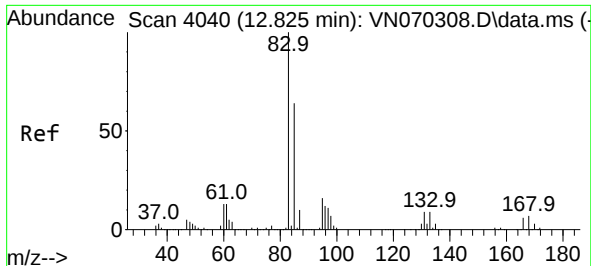
Tgt Ion:105 Resp: 1147380
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 0.711 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 43 Resp: 15089
Ion Ratio Lower Upper
43 100
70 43.3 33.4 50.0
55 49.7 19.3 28.9#
61 23.6 18.5 27.7

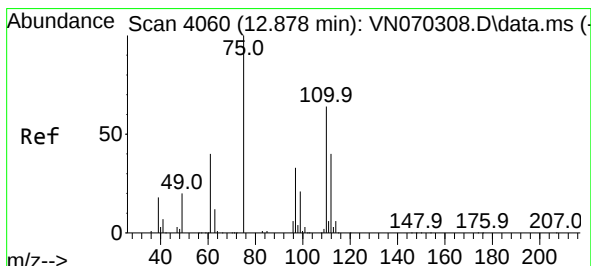
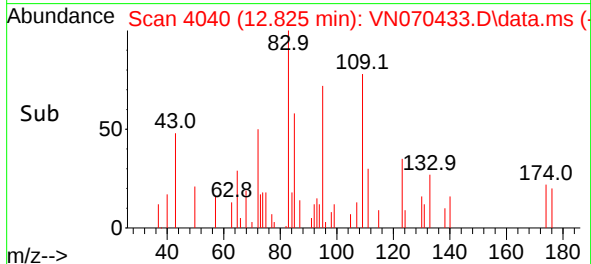
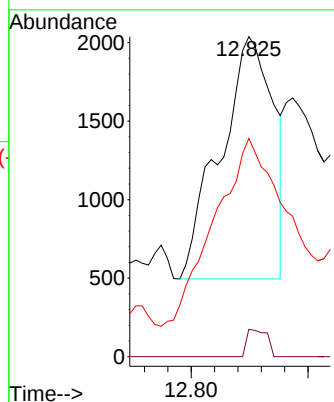
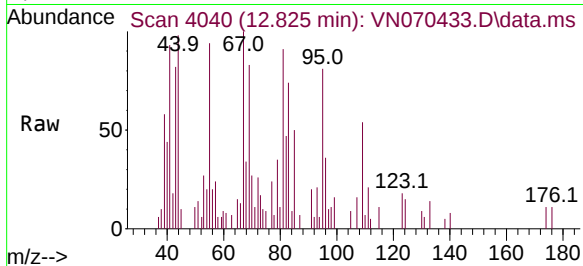




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.579 ug/l
 RT: 12.825 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

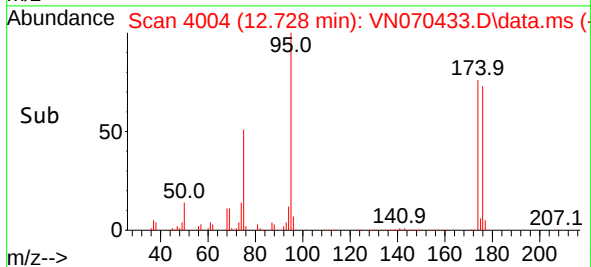
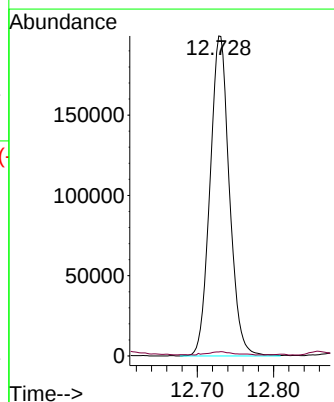
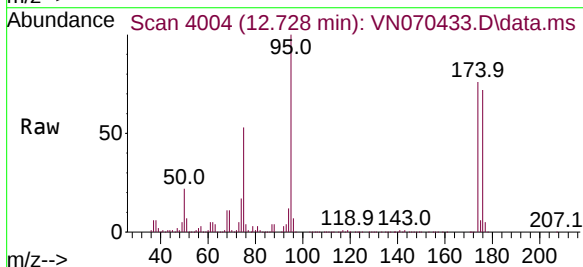
Instrument :
 MSVOA_N
 ClientSampleId :

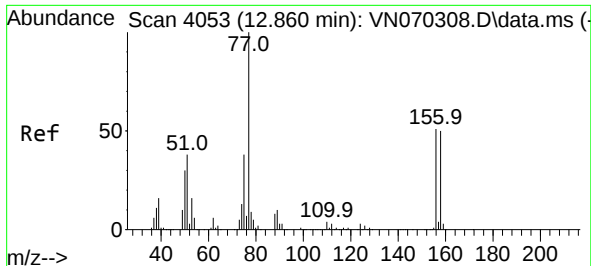
Tgt Ion: 83 Resp: 2440
 Ion Ratio Lower Upper
 83 100
 131 4.3 5.5 16.5#
 85 107.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 23.386 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

Tgt Ion: 75 Resp: 351398
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

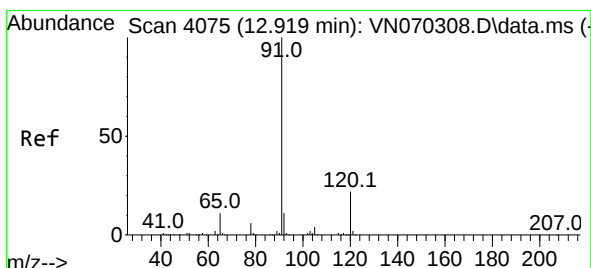
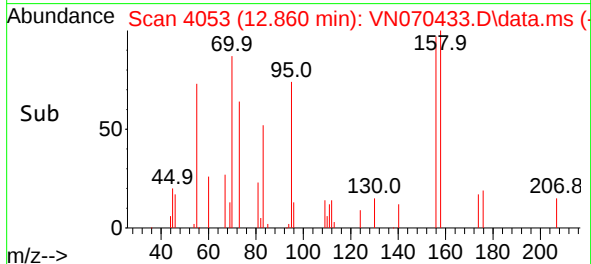
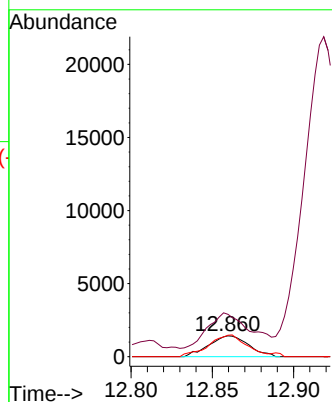
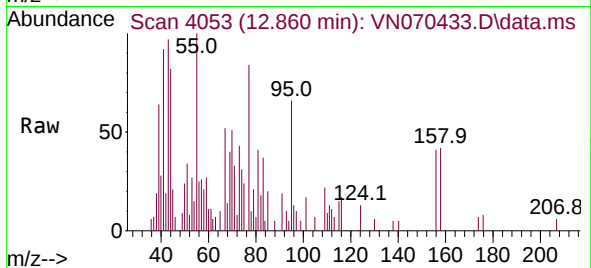




#77
Bromobenzene
Concen: 0.209 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

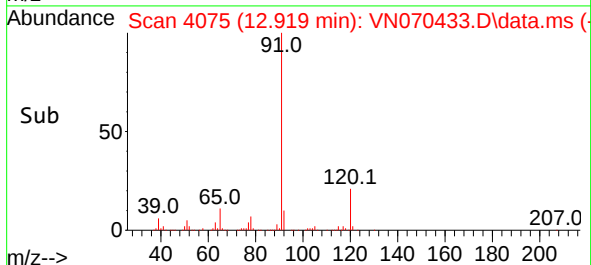
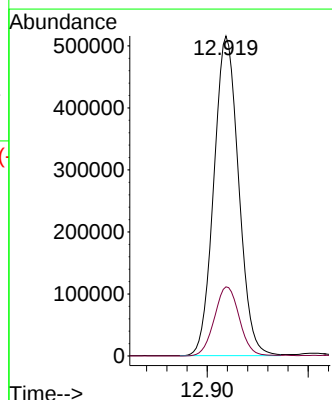
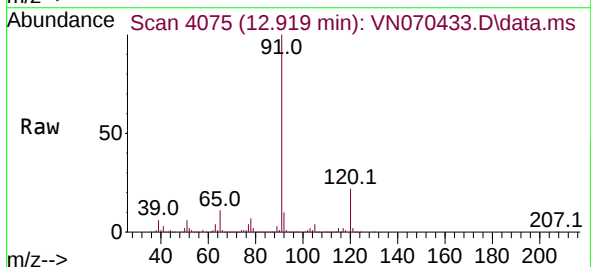
Instrument :
MSVOA_N
ClientSampleId :

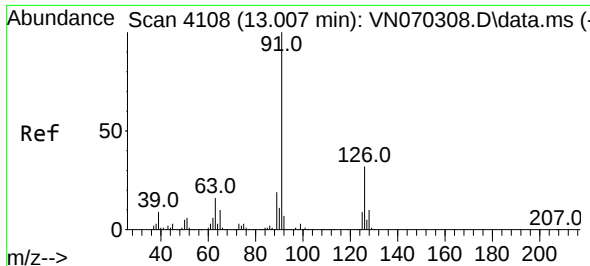
Tgt Ion:156 Resp: 2423
Ion Ratio Lower Upper
156 100
77 0.0 90.6 271.8#
158 98.9 48.9 146.7



#78
n-propylbenzene
Concen: 15.671 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 91 Resp: 876035
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

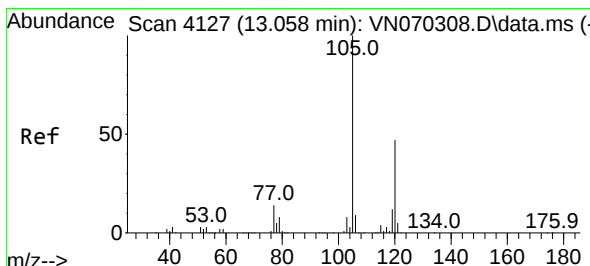
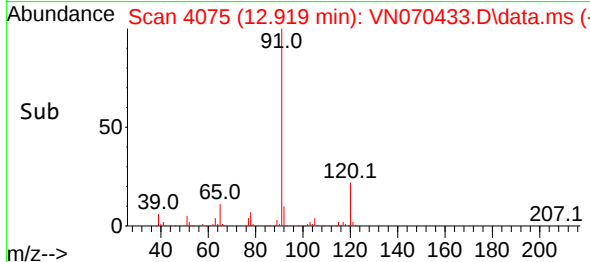
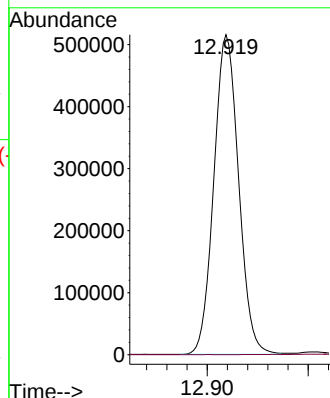
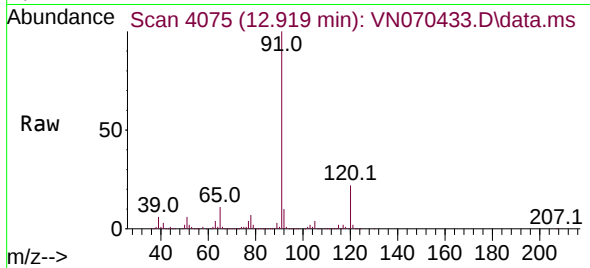




#79
2-Chlorotoluene
Concen: 24.423 ug/l
RT: 12.919 min Scan# 4108
Delta R.T. -0.088 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

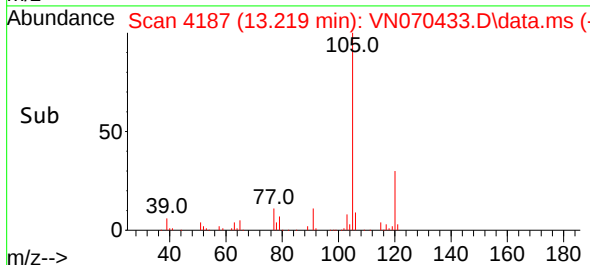
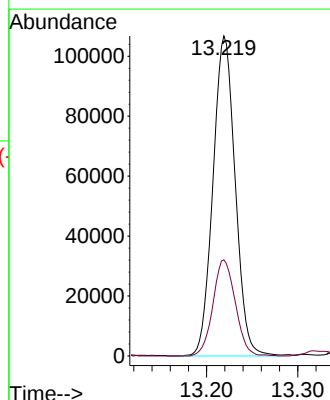
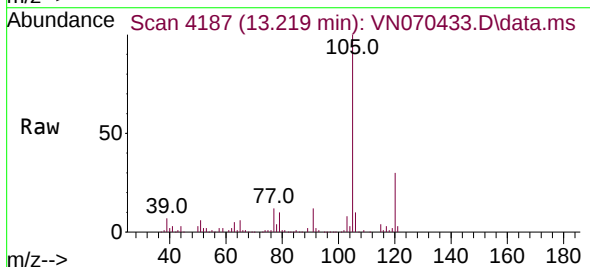
Instrument :
MSVOA_N
ClientSampleId :

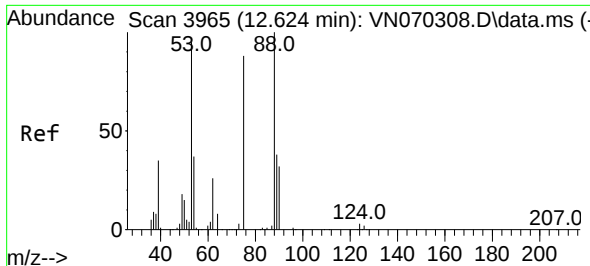
Tgt Ion: 91 Resp: 876035
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 4.473 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. 0.161 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 105 Resp: 180833
Ion Ratio Lower Upper
105 100
120 30.3 24.6 73.6

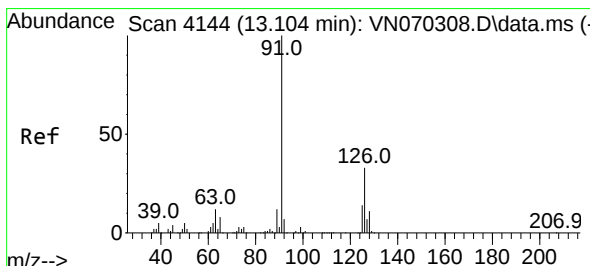
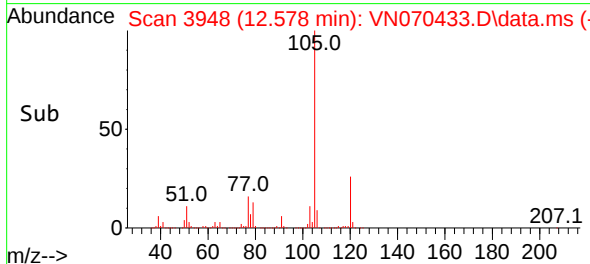
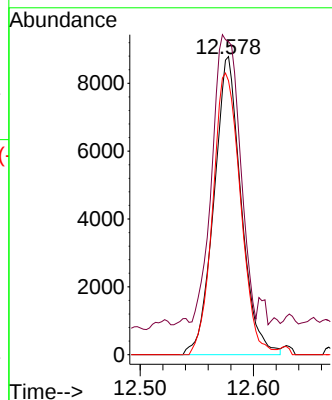
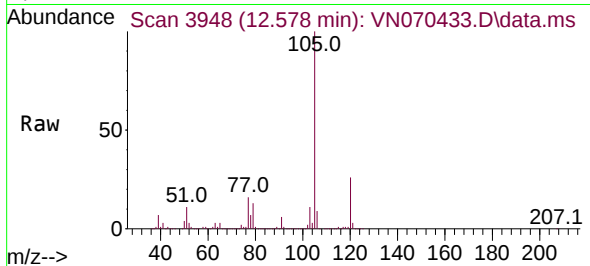




#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.285 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.046 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

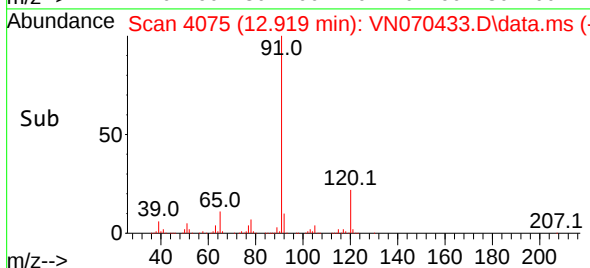
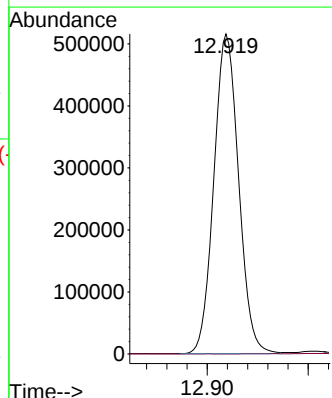
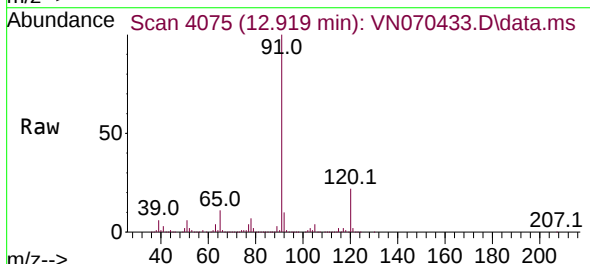
Instrument :
 MSVOA_N
 ClientSampleId :

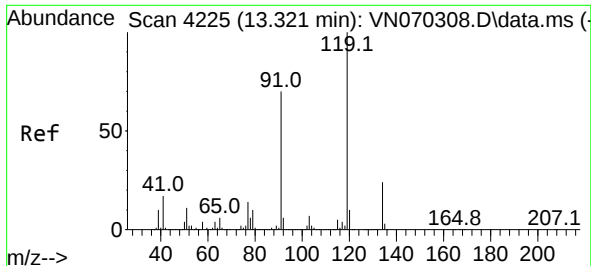
Tgt Ion: 75 Resp: 14609
 Ion Ratio Lower Upper
 75 100
 53 99.7 90.5 135.7
 89 96.5 38.2 57.4#



#82
 4-Chlorotoluene
 Concen: 26.074 ug/l
 RT: 12.919 min Scan# 4075
 Delta R.T. -0.185 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

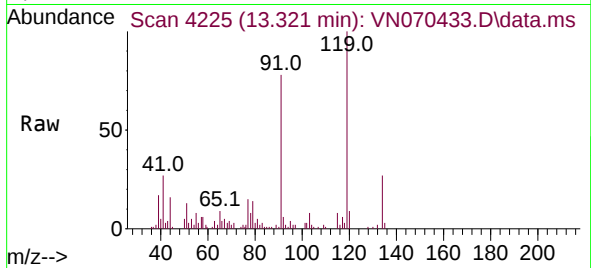
Tgt Ion: 91 Resp: 876035
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.2 54.6#



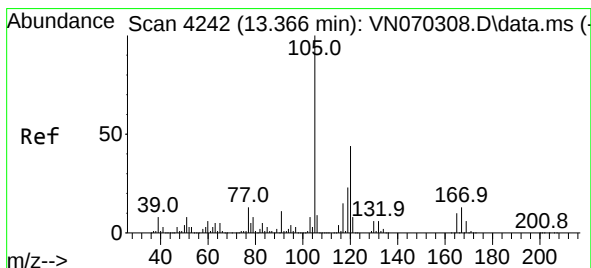
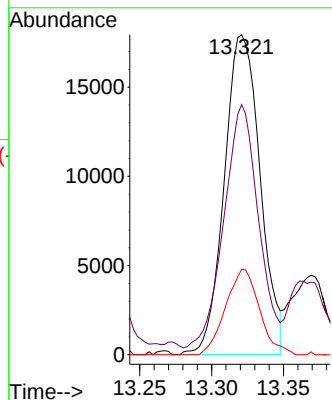
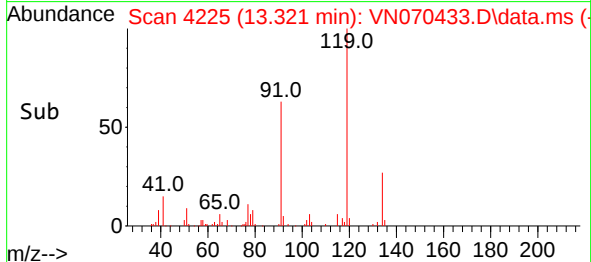


#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

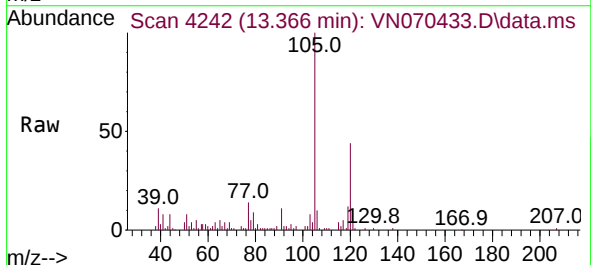
Instrument :
MSVOA_N
ClientSampleId :



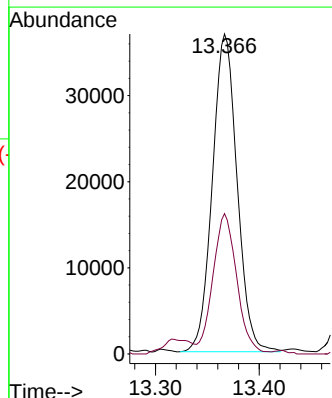
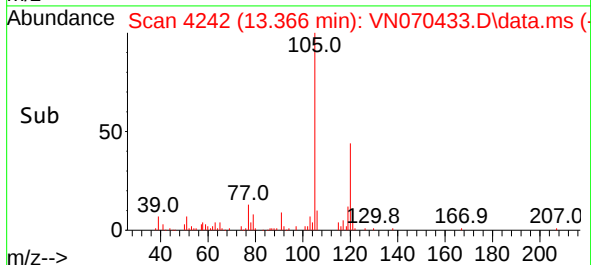
Tgt Ion:119 Resp: 31199
Ion Ratio Lower Upper
119 100
91 72.6 31.5 94.5
134 25.1 12.4 37.4

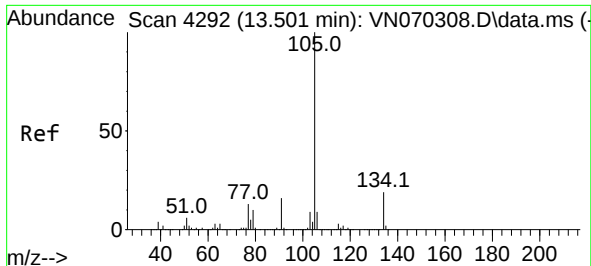


#84
1,2,4-Trimethylbenzene
Concen: 1.568 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29



Tgt Ion:105 Resp: 61039
Ion Ratio Lower Upper
105 100
120 41.2 22.8 68.4

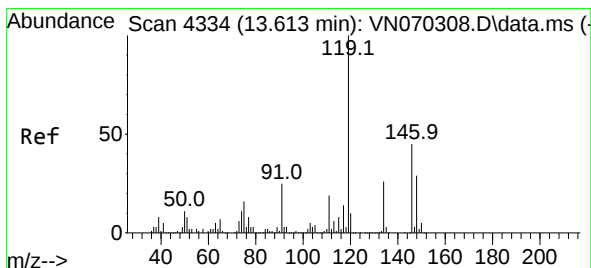
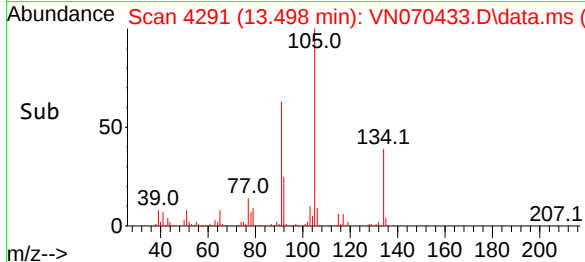
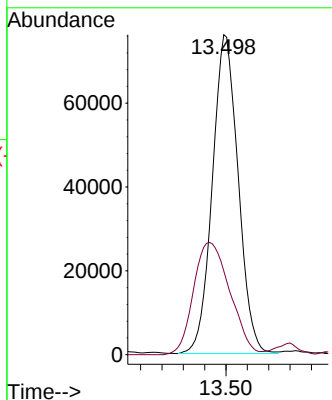
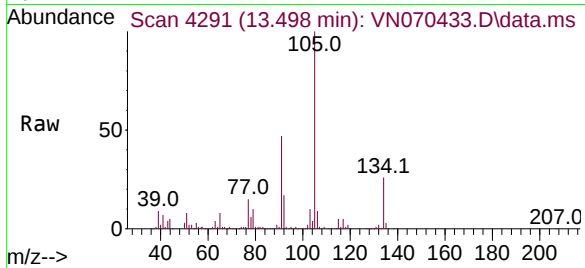




#85
 sec-Butylbenzene
 Concen: 2.645 ug/l
 RT: 13.498 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

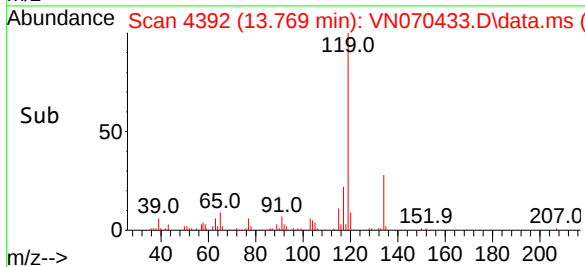
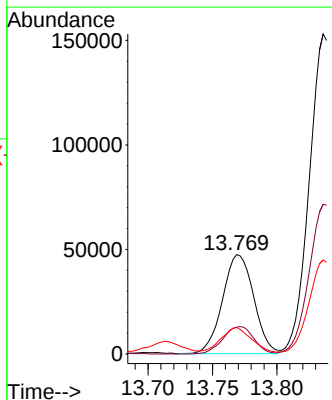
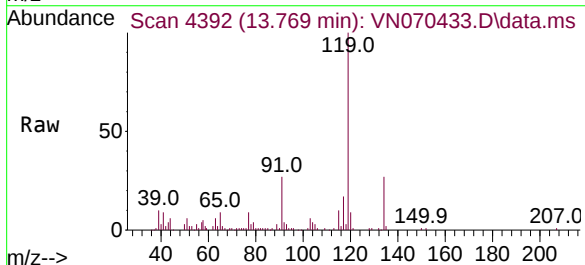
Instrument :
 MSVOA_N
 ClientSampleId :

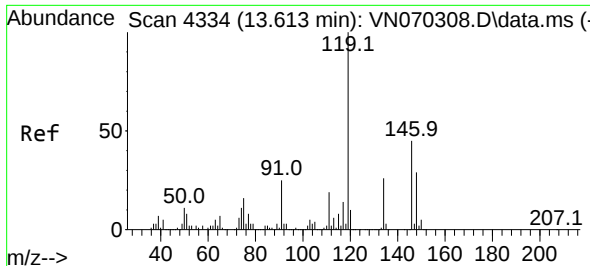
Tgt Ion:105 Resp: 127867
 Ion Ratio Lower Upper
 105 100
 134 49.6 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.097 ug/l
 RT: 13.769 min Scan# 4392
 Delta R.T. 0.156 min
 Lab File: VN070433.D
 Acq: 3 Jan 2022 13:29

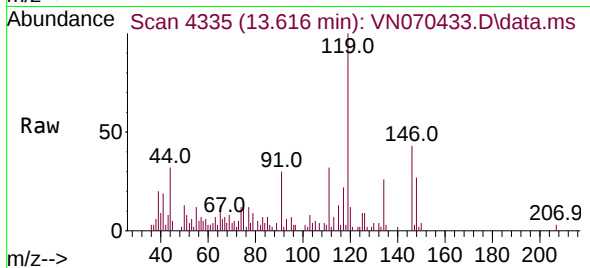
Tgt Ion:119 Resp: 79632
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 23.0 11.4 34.1



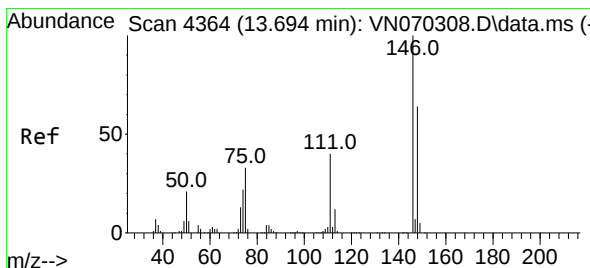
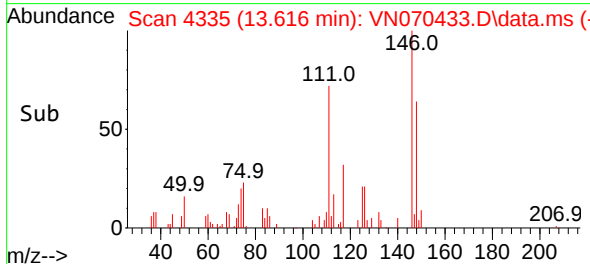
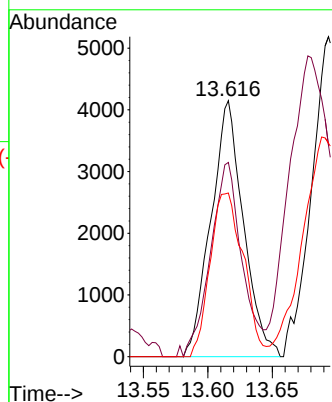


#87
1,3-Dichlorobenzene
Concen: 0.375 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

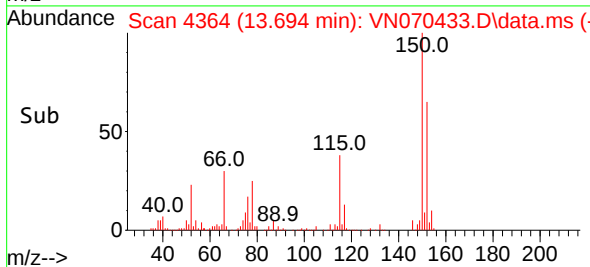
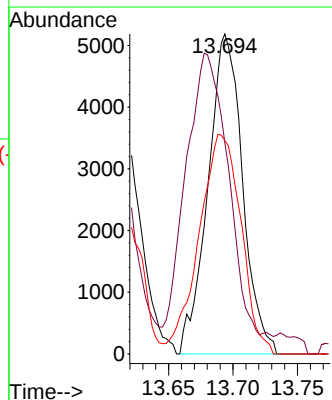
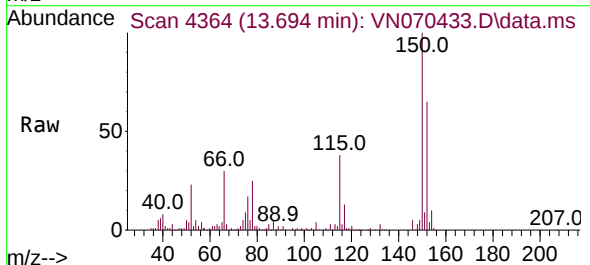


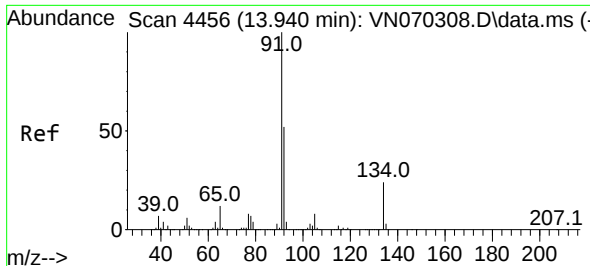
Tgt Ion:146 Resp: 7269
Ion Ratio Lower Upper
146 100
111 73.2 18.6 55.6#
148 65.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.505 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion:146 Resp: 9669
Ion Ratio Lower Upper
146 100
111 110.3 18.3 54.8#
148 83.3 31.8 95.4

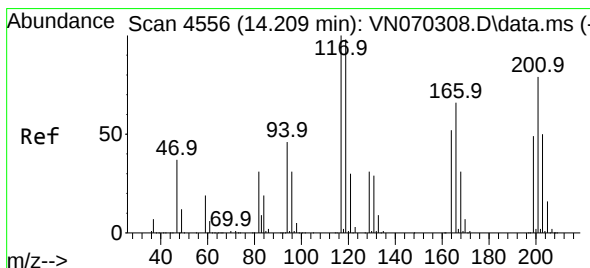
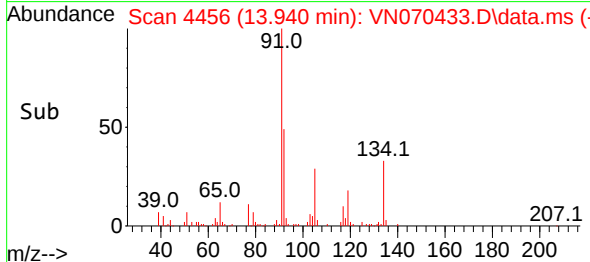
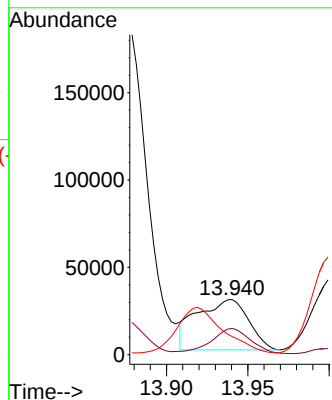
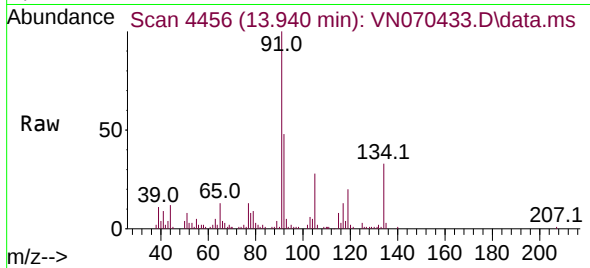




#89
n-Butylbenzene
Concen: 2.018 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

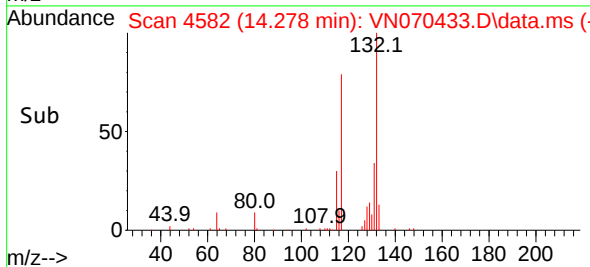
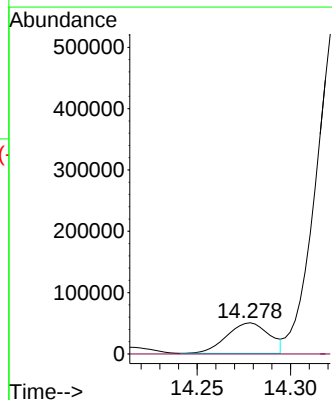
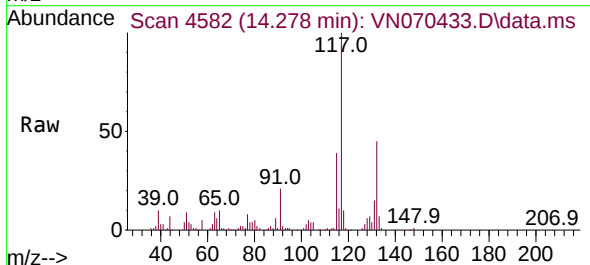
Instrument :
MSVOA_N
ClientSampleId :

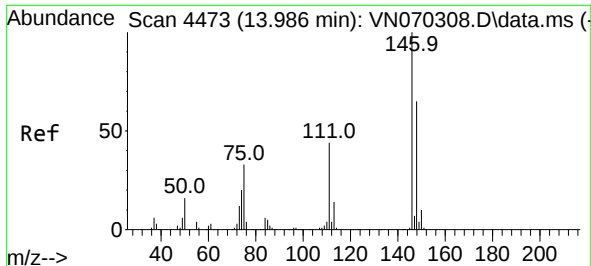
Tgt Ion: 91 Resp: 63914
Ion Ratio Lower Upper
91 100
92 37.2 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 12.056 ug/l
RT: 14.278 min Scan# 4582
Delta R.T. 0.069 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion: 117 Resp: 79525
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.423 ug/l

RT: 13.986 min Scan# 4473

Delta R.T. -0.000 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

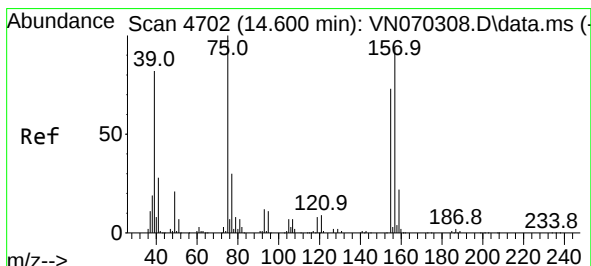
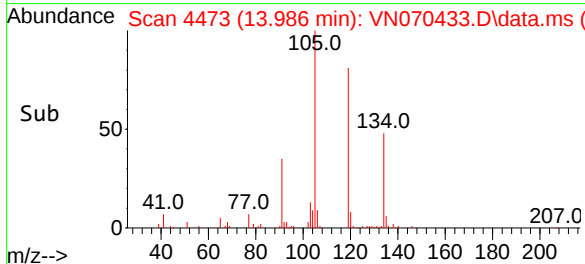
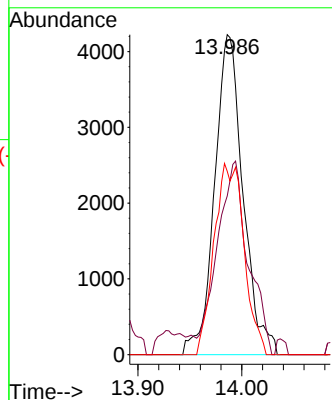
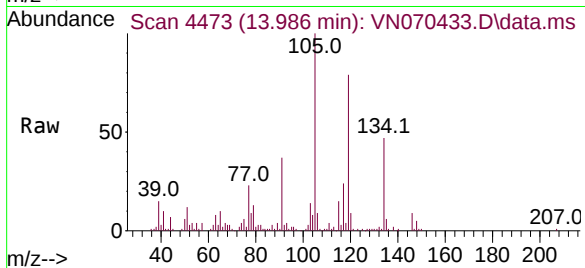
Tgt Ion:146 Resp: 8043

Ion Ratio Lower Upper

146 100

111 65.9 19.1 57.3#

148 34.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.580 ug/l

RT: 14.605 min Scan# 4704

Delta R.T. 0.005 min

Lab File: VN070433.D

Acq: 3 Jan 2022 13:29

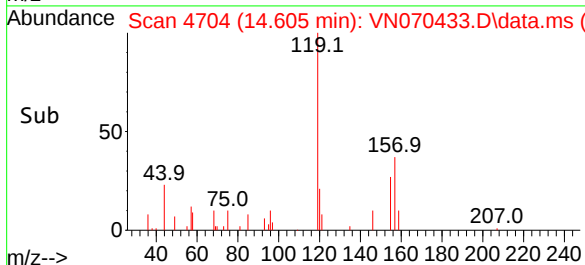
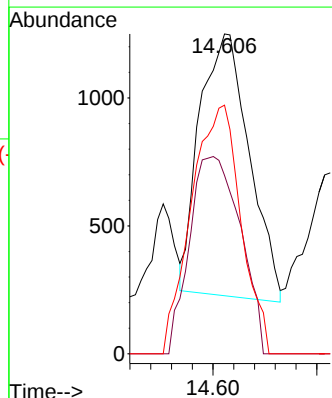
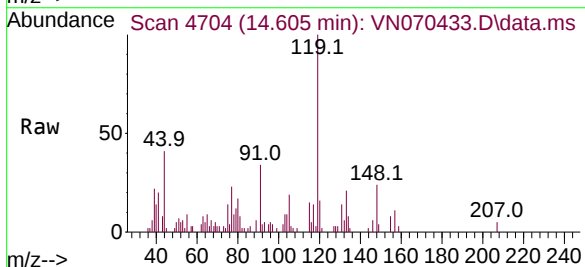
Tgt Ion: 75 Resp: 1696

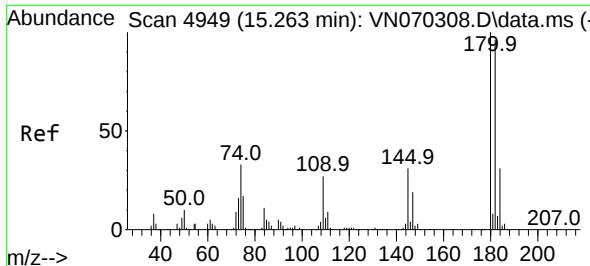
Ion Ratio Lower Upper

75 100

155 77.4 46.9 140.7

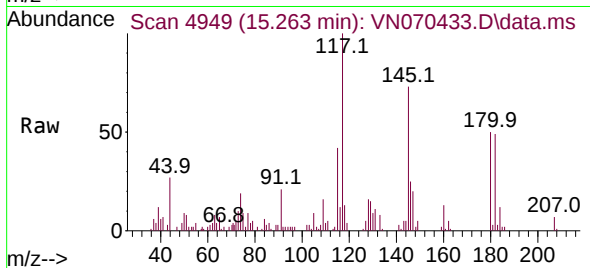
157 94.8 60.6 181.7



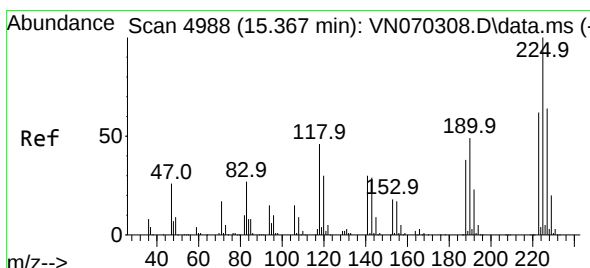
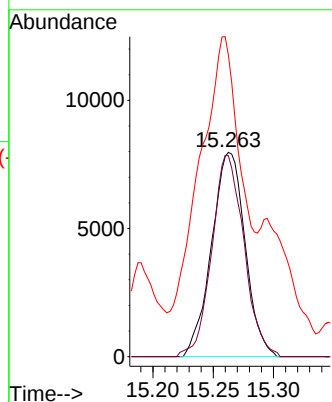
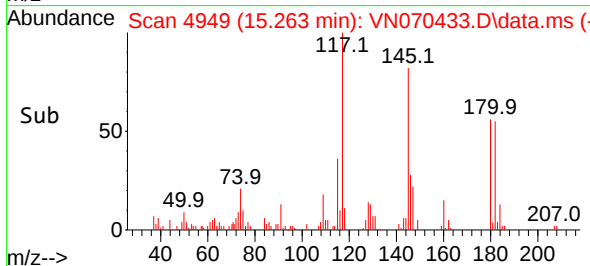


#93
1,2,4-Trichlorobenzene
Concen: 1.724 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

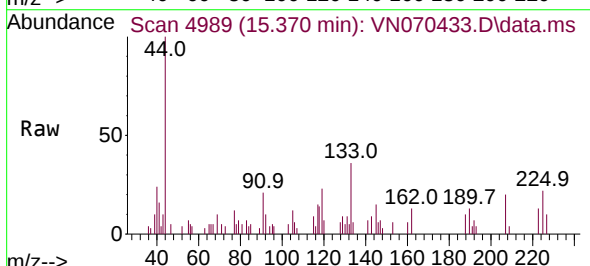
Instrument :
MSVOA_N
ClientSampleId :



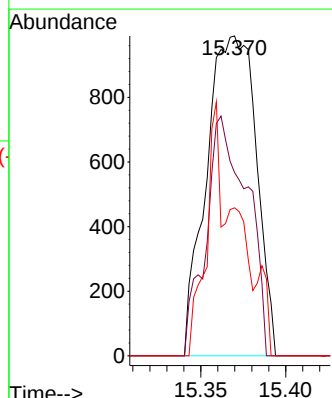
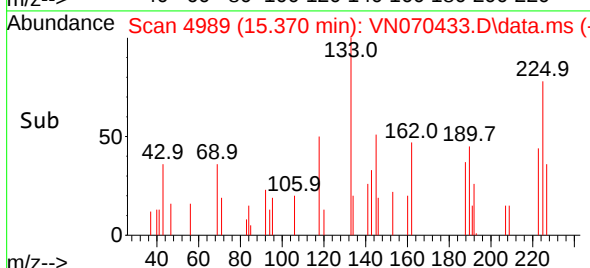
Tgt Ion:180 Resp: 15440
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 157.1 14.5 43.5#

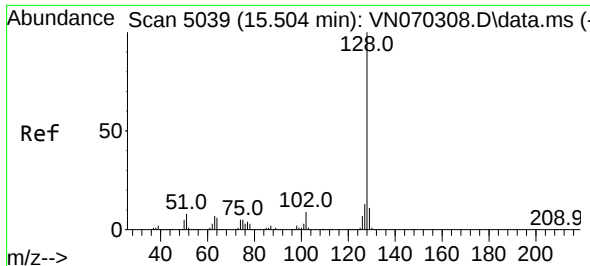


#94
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29



Tgt Ion:225 Resp: 2016
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 25.7 32.1 96.3#

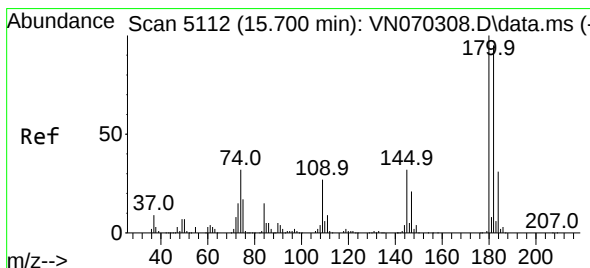
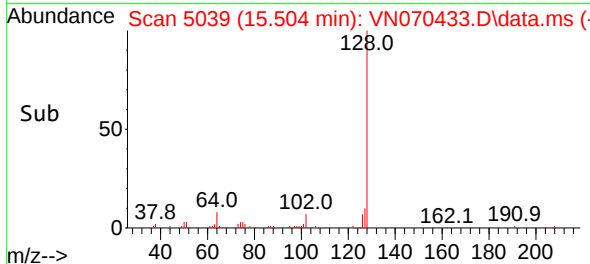
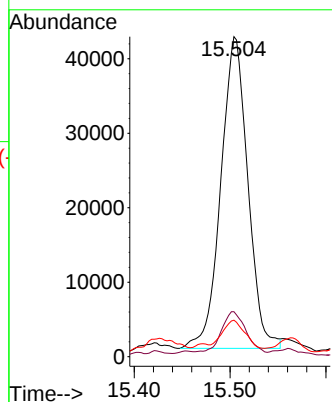
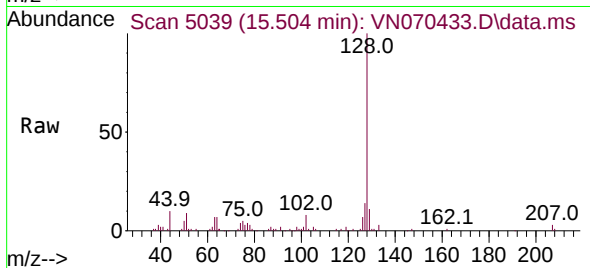




#95
Naphthalene
Concen: 4.984 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 81844
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.923 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070433.D
Acq: 3 Jan 2022 13:29

Tgt Ion:180 Resp: 18265
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 0.0 15.0 45.1#

