

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069489.D
 Acq On : 15 Nov 2021 13:37
 Operator : JC/MD
 Sample : M4068-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:49:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1131377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1910359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1662959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	567304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	939736	57.286	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.580%	
35) Dibromofluoromethane	8.024	113	629391	54.933	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.860%	
50) Toluene-d8	10.440	98	2450747	54.386	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.734	95	751906	45.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.840%	

Target Compounds			Qvalue			
3) Chloromethane	2.306	50	4802	0.343	ug/l	99
6) Chloroethane	3.030	64	2121	0.224	ug/l #	74
11) Tert butyl alcohol	5.321	59	3933	1.331	ug/l #	75
12) 1,1-Dichloroethene	4.178	96	1880	0.205	ug/l #	84
13) Acrolein	4.052	56	1246	Below Cal	#	66
15) Acrylonitrile	5.549	53	1959	0.259	ug/l #	1
16) Acetone	4.293	43	15732	1.777	ug/l #	83
20) Methylene Chloride	5.098	84	4677	0.373	ug/l #	83
23) Vinyl Acetate	6.439	43	21627	0.640	ug/l #	92
25) 2-Butanone	7.354	43	13692	1.142	ug/l	91
26) 2,2-Dichloropropane	7.321	77	4251	0.244	ug/l #	64
29) Tetrahydrofuran	7.702	42	6612	0.899	ug/l #	57
31) Cyclohexane	8.086	56	33760	1.506	ug/l #	44
36) 1,1-Dichloropropene	8.083	75	99045	6.162	ug/l #	49
38) Carbon Tetrachloride	8.086	117	119849	7.723	ug/l #	16
42) 1,2-Dichloroethane	8.528	62	5288	0.272	ug/l	93
49) 1,4-Dioxane	9.577	88	1245	42.735	ug/l #	51
51) 4-Methyl-2-Pentanone	10.333	43	20033	0.889	ug/l	92
53) t-1,3-Dichloropropene	10.722	75	2430	2.750	ug/l #	75
54) cis-1,3-Dichloropropene	10.191	75	2922	1.864	ug/l	91
56) Ethyl methacrylate	10.757	69	3703	2.204	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.041	63	3598	23.312	ug/l #	74
59) 2-Hexanone	11.095	43	17085	8.811	ug/l	97
60) Dibromochloromethane	11.237	129	1384	2.514	ug/l	90
61) 1,2-Dibromoethane	11.350	107	1964	1.209	ug/l	87
64) Tetrachloroethene	10.980	164	2099	0.209	ug/l #	85
68) m/p-Xylenes	11.953	106	6690	0.319	ug/l	95
70) Styrene	12.302	104	5347	1.658	ug/l	90
71) Bromoform	12.468	173	976	3.525	ug/l #	29
74) N-amyl acetate	12.398	43	6091	0.318	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.822	83	3886	0.255	ug/l #	93
76) 1,2,3-Trichloropropane	12.734	75	423176	32.323	ug/l #	1
77) Bromobenzene	12.857	156	2504	0.242	ug/l	69
78) n-propylbenzene	12.921	91	10860	0.214	ug/l	79
79) 2-Chlorotoluene	13.012	91	6784	0.216	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.734	75	423176	90.866	ug/l #	5

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

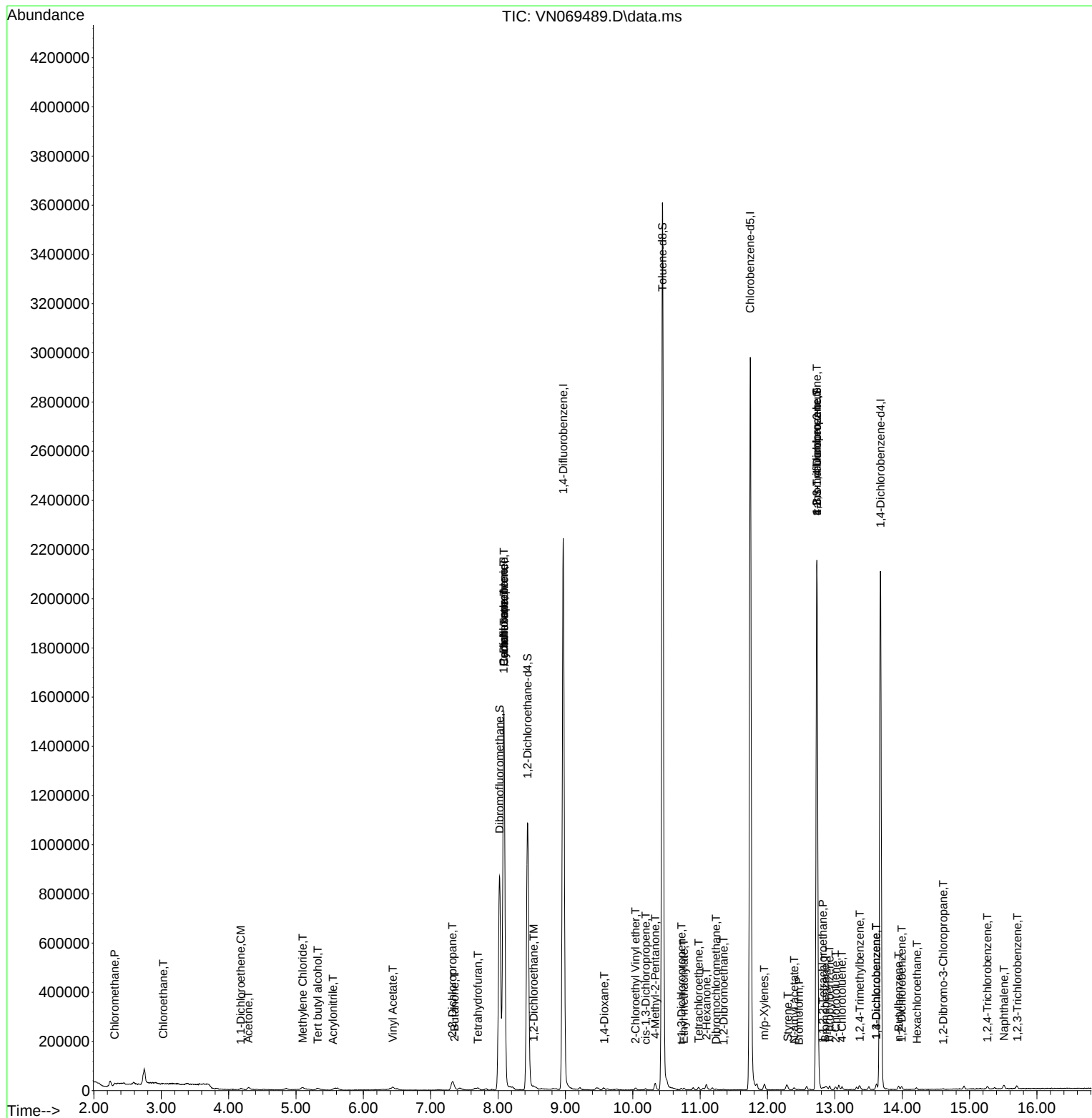
82) 4-Chlorotoluene	13.106	91	6905	0.230	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	7617	0.216	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	4888	0.273	ug/l	94
88) 1,4-Dichlorobenzene	13.616	146	4888	0.278	ug/l	94
89) n-Butylbenzene	13.946	91	7945	0.268	ug/l	92
90) Hexachloroethane	14.219	117	673	2.261	ug/l	64
91) 1,2-Dichlorobenzene	13.994	146	4872	0.286	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	654	2.019	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.265	180	3759	3.508	ug/l	97
95) Naphthalene	15.512	128	14672	4.982	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.708	180	3646	3.569	ug/l	92

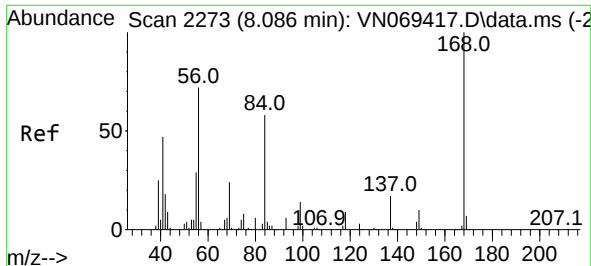
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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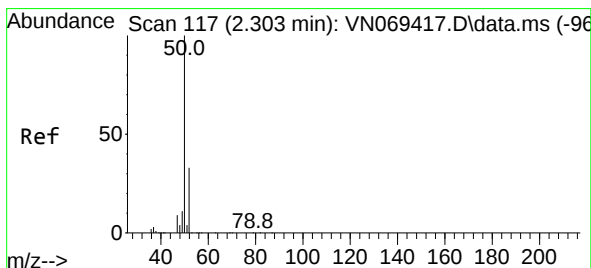
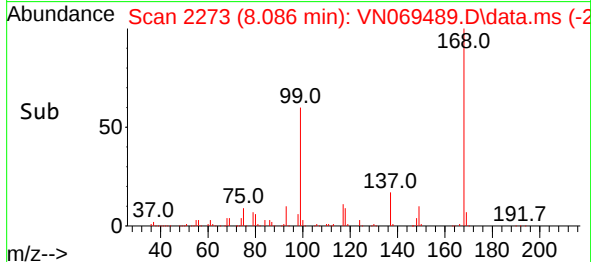
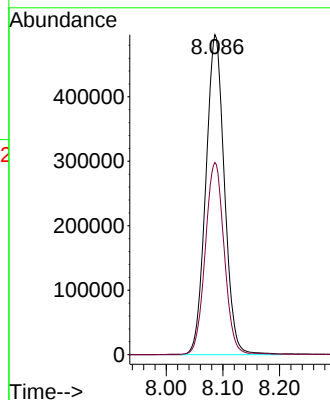
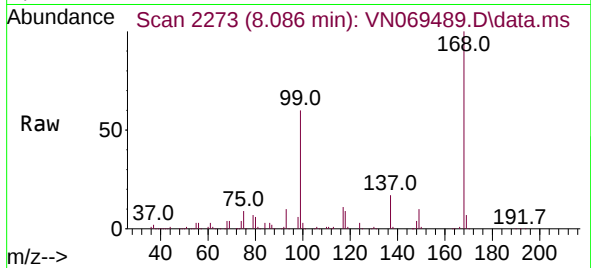




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

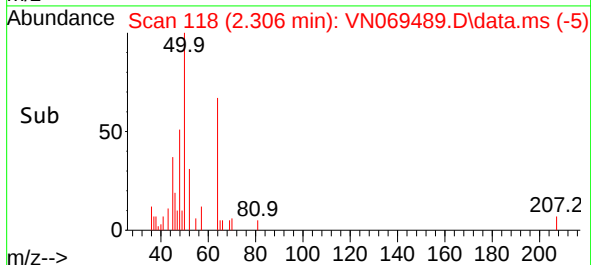
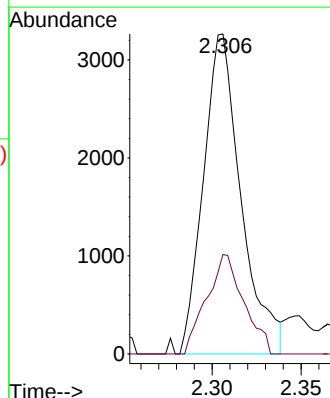
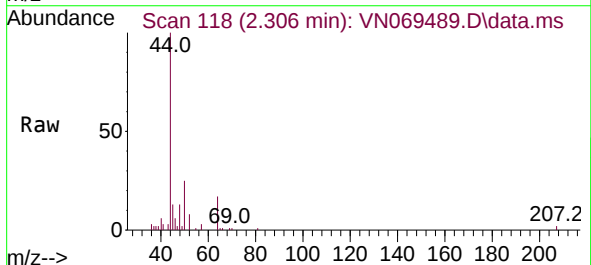
Instrument :
MSVOA_N
ClientSampleId :

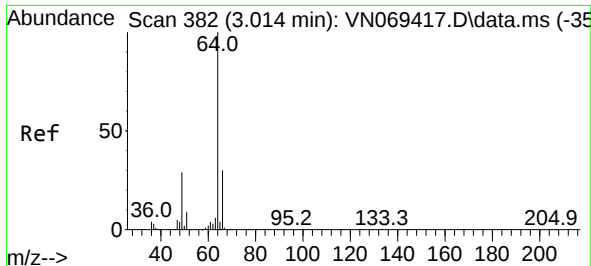
Tgt Ion:168 Resp: 1131377
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 0.343 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 50 Resp: 4802
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0

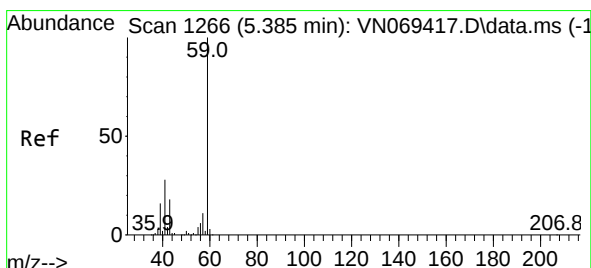
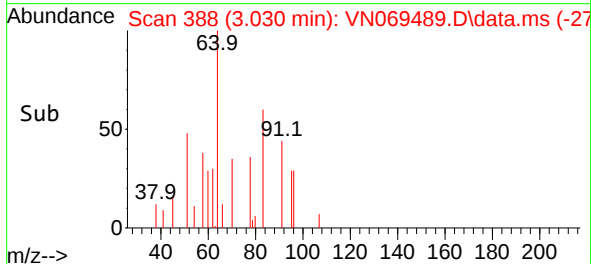
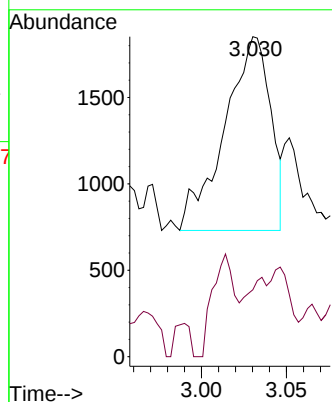
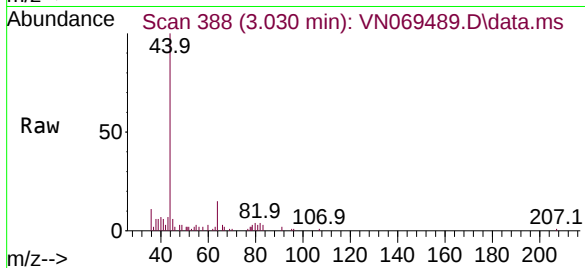




#6
Chloroethane
Concen: 0.224 ug/l
RT: 3.030 min Scan# 31
Delta R.T. 0.016 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

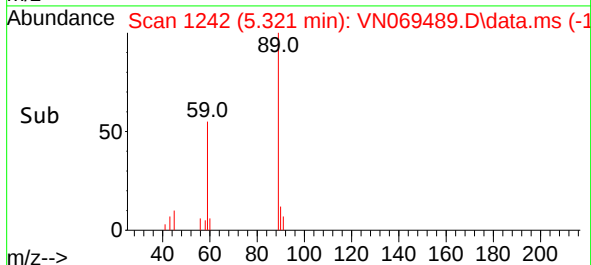
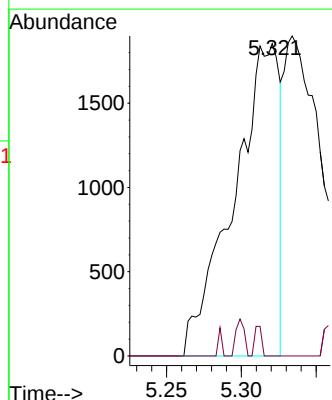
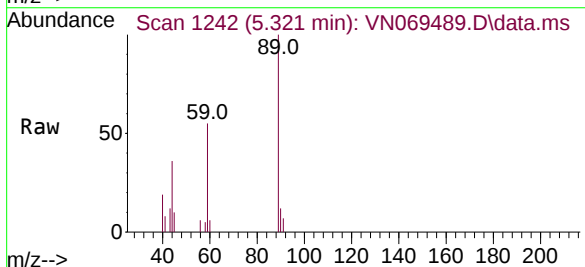
Instrument :
MSVOA_N
ClientSampleId :

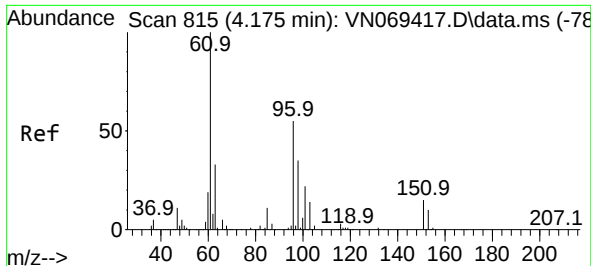
Tgt Ion: 64 Resp: 2121
Ion Ratio Lower Upper
64 100
66 18.1 26.3 39.5#



#11
Tert butyl alcohol
Concen: 1.331 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.064 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 59 Resp: 3933
Ion Ratio Lower Upper
59 100
57 1.4 8.7 13.1#

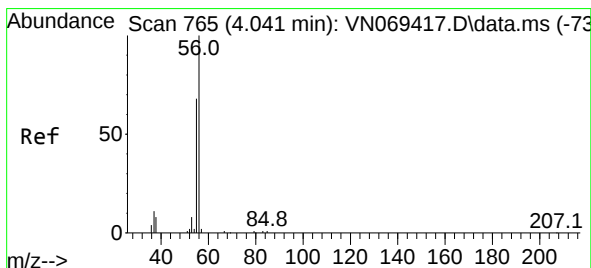
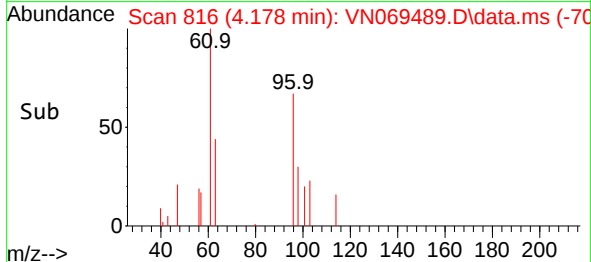
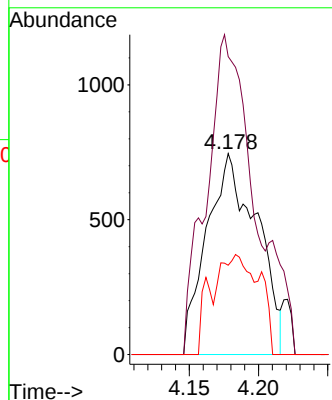
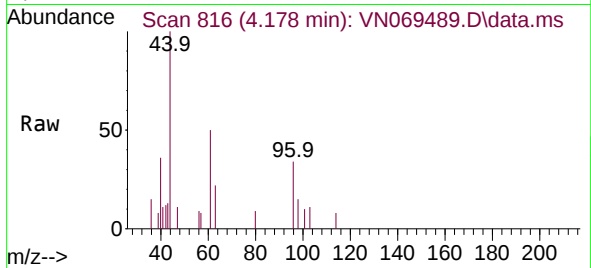




#12
1,1-Dichloroethene
Concen: 0.205 ug/l
RT: 4.178 min Scan# 815
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

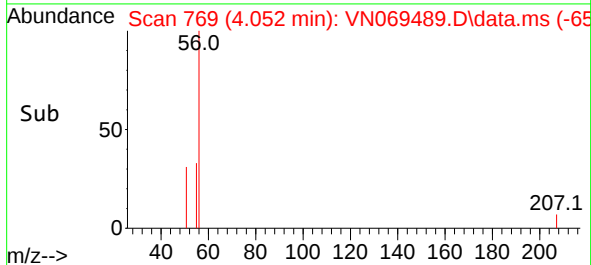
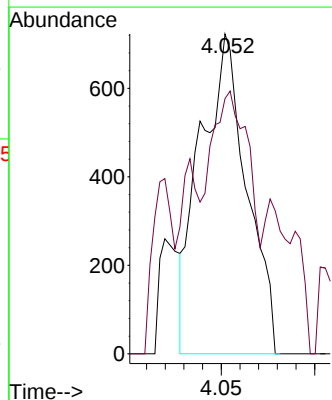
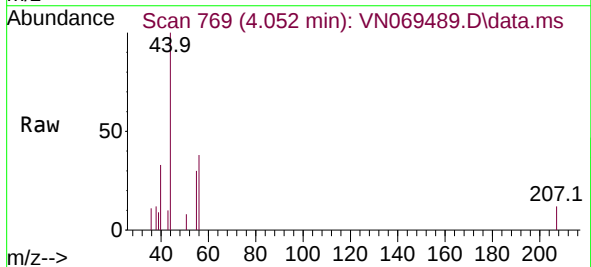
Instrument :
MSVOA_N
ClientSampleId :

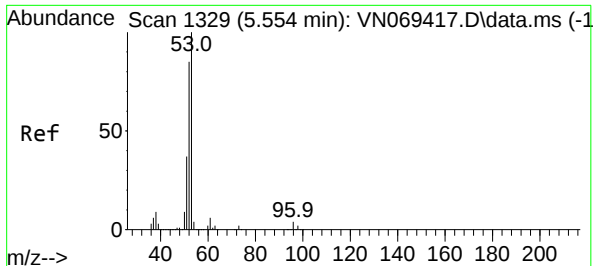
Tgt Ion: 96 Resp: 1880
Ion Ratio Lower Upper
96 100
61 148.3 131.0 196.6
98 44.4 52.4 78.6#



#13
Acrolein
Concen: Below Cal
RT: 4.052 min Scan# 769
Delta R.T. 0.011 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 56 Resp: 1246
Ion Ratio Lower Upper
56 100
55 43.1 56.6 85.0#





#15

Acrylonitrile

Concen: 0.259 ug/l

RT: 5.549 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN069489.D

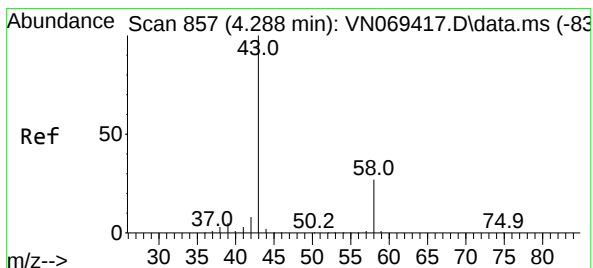
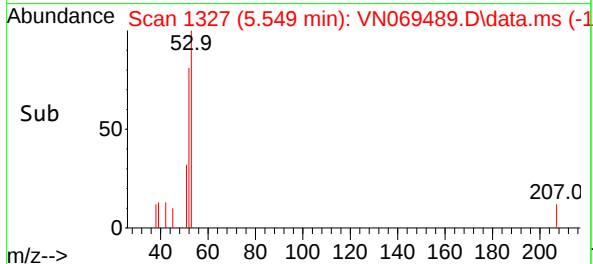
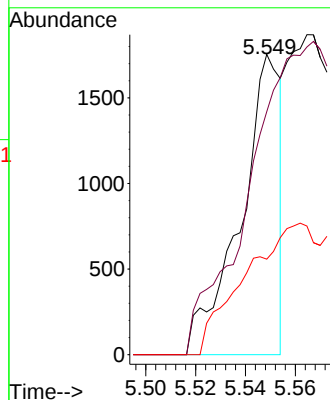
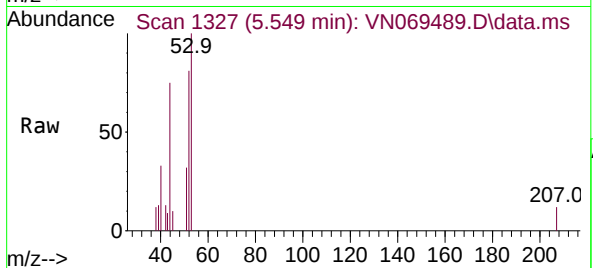
Acq: 15 Nov 2021 13:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	53	Resp:	1959
Ion	Ratio	Lower	Upper
53	100		
52	287.4	66.2	99.2#
51	96.1	29.6	44.4#



#16

Acetone

Concen: 1.777 ug/l

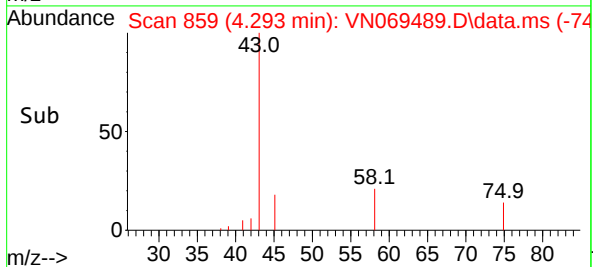
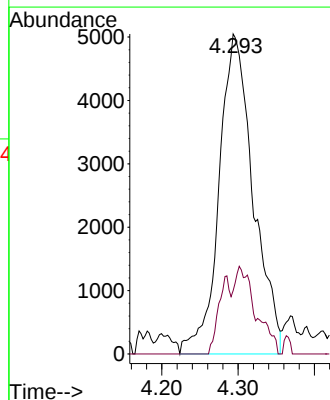
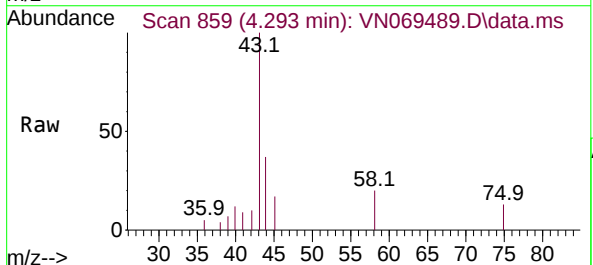
RT: 4.293 min Scan# 859

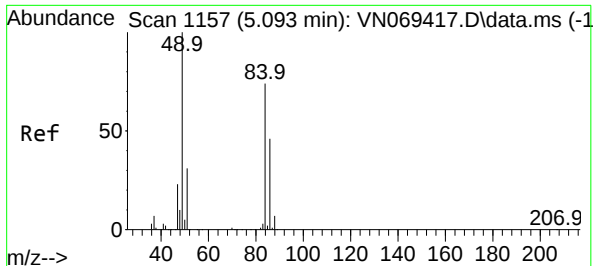
Delta R.T. 0.005 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

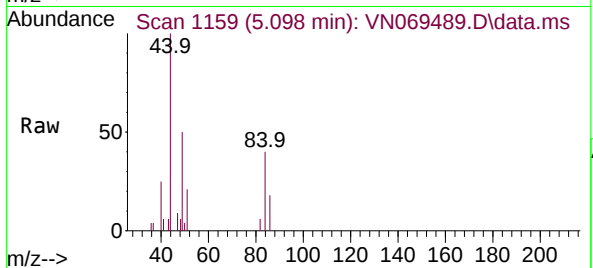
Tgt Ion:	43	Resp:	15732
Ion	Ratio	Lower	Upper
43	100		
58	19.8	23.1	34.7#



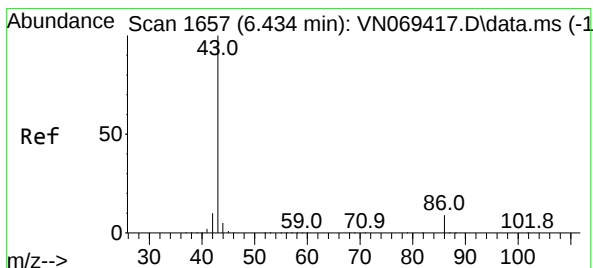
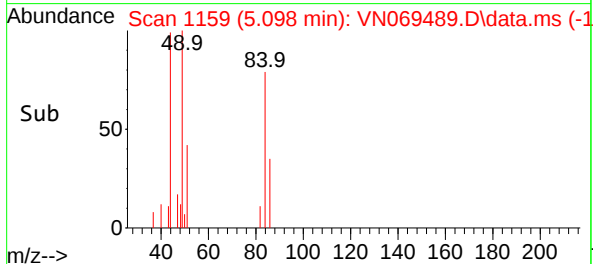
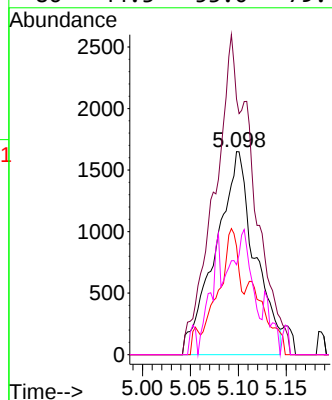


#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.005 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

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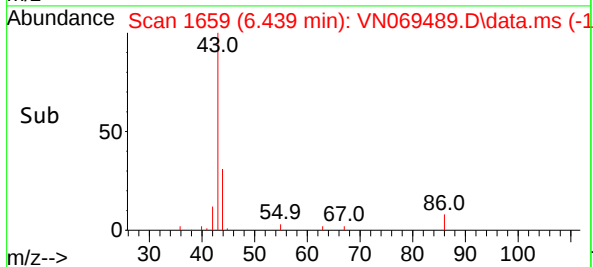
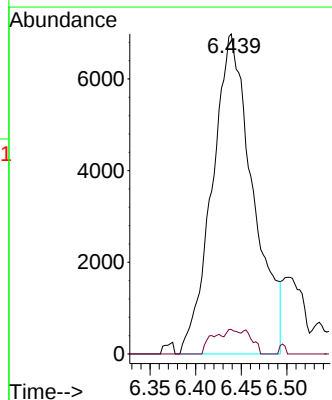
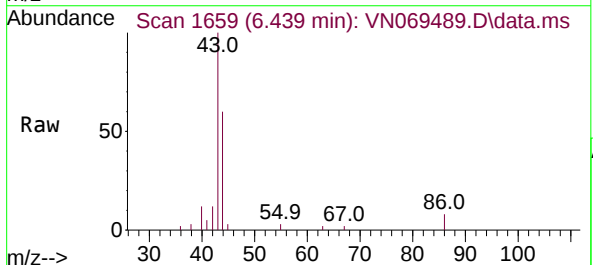


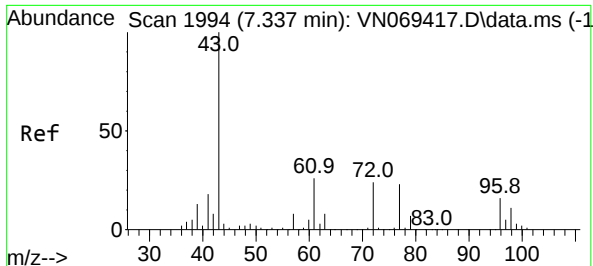
Tgt Ion: 84 Resp: 4677
Ion Ratio Lower Upper
84 100
49 125.9 93.5 140.3
51 53.4 29.4 44.2#
86 44.3 53.0 79.4#



#23
Vinyl Acetate
Concen: 0.640 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.005 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 43 Resp: 21627
Ion Ratio Lower Upper
43 100
86 7.6 8.5 12.7#





#25

2-Butanone

Concen: 1.142 ug/l

RT: 7.354 min Scan# 2000

Delta R.T. 0.017 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

Instrument :

MSVOA_N

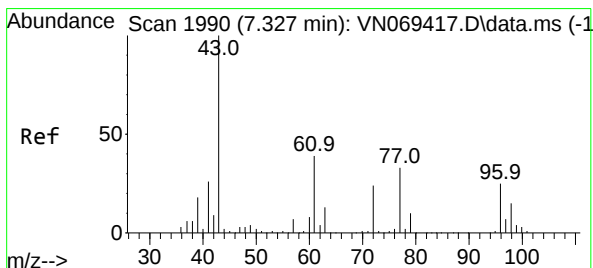
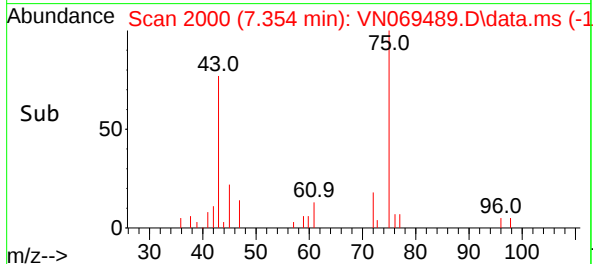
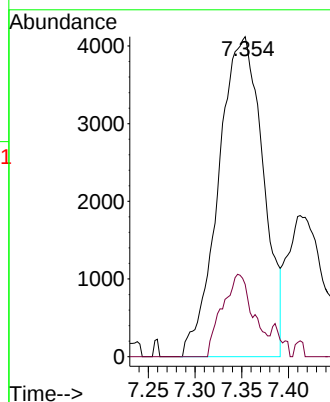
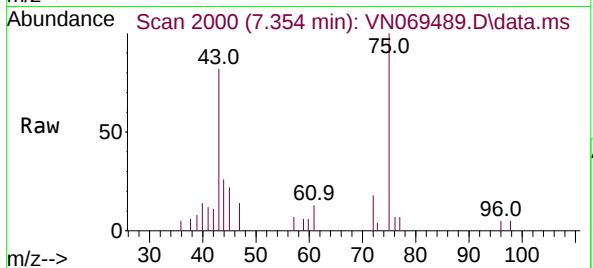
ClientSampleId :

Tgt Ion: 43 Resp: 13692

Ion Ratio Lower Upper

43 100

72 22.6 21.7 32.5



#26

2,2-Dichloropropane

Concen: 0.244 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN069489.D

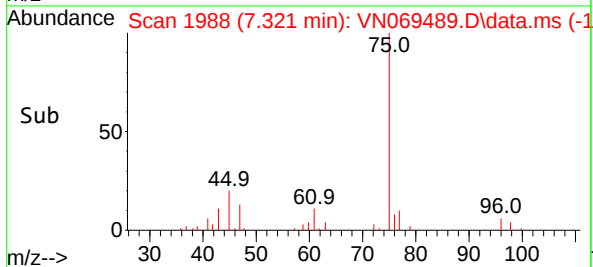
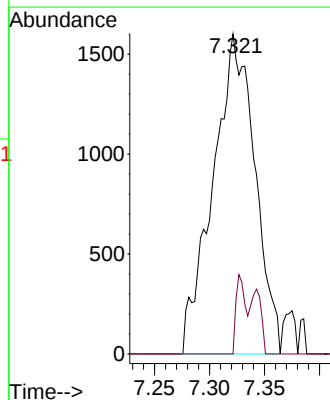
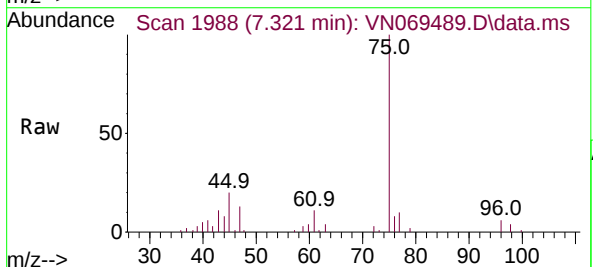
Acq: 15 Nov 2021 13:37

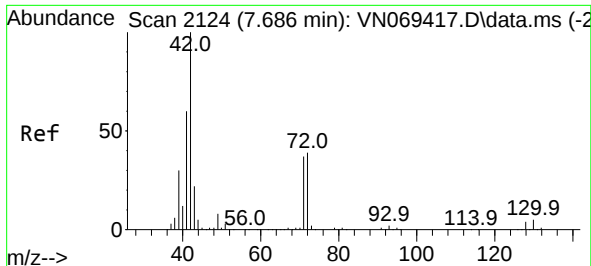
Tgt Ion: 77 Resp: 4251

Ion Ratio Lower Upper

77 100

97 5.6 11.6 34.8#





#29

Tetrahydrofuran

Concen: 0.899 ug/l

RT: 7.702 min Scan# 2124

Delta R.T. 0.016 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

Instrument :

MSVOA_N

ClientSampleId :

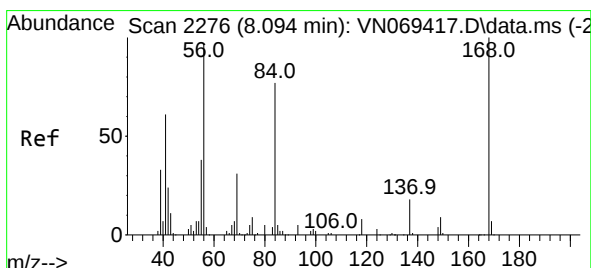
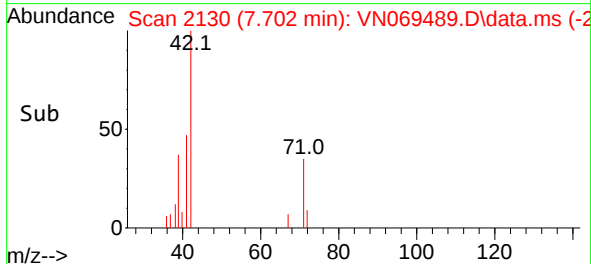
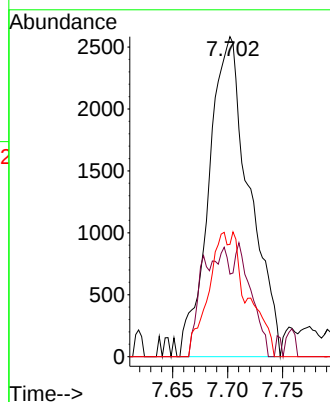
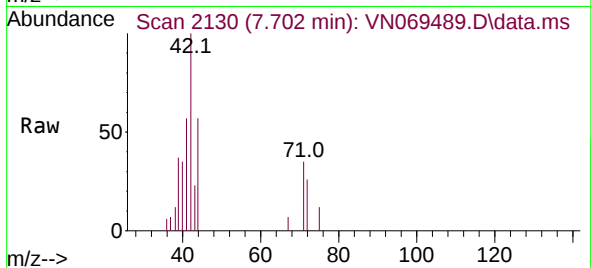
Tgt Ion: 42 Resp: 6612

Ion Ratio Lower Upper

42 100

72 14.3 36.3 54.5#

71 18.6 34.7 52.1#



#31

Cyclohexane

Concen: 1.506 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

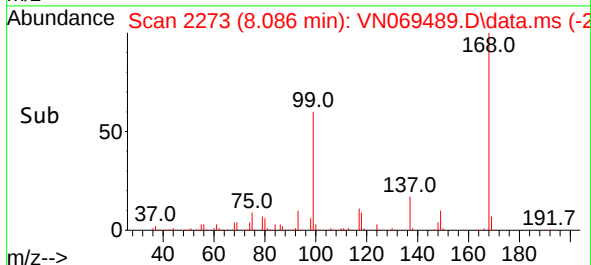
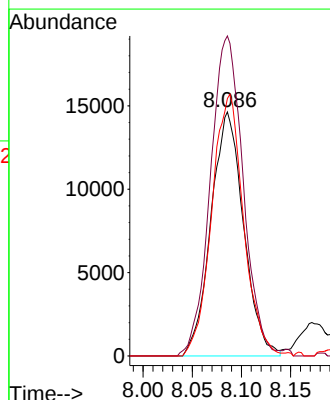
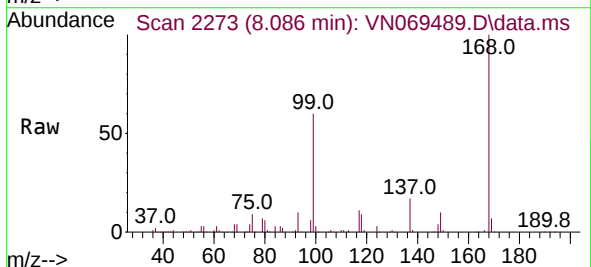
Tgt Ion: 56 Resp: 33760

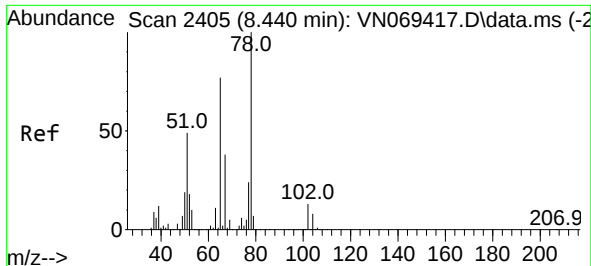
Ion Ratio Lower Upper

56 100

69 129.8 27.1 40.7#

84 105.5 73.4 110.0

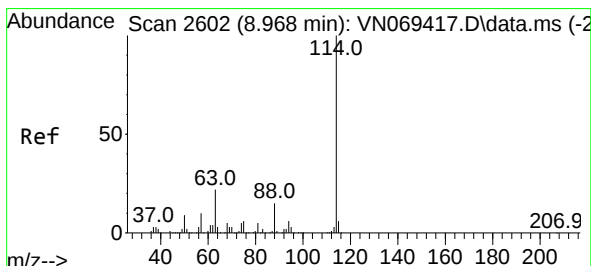
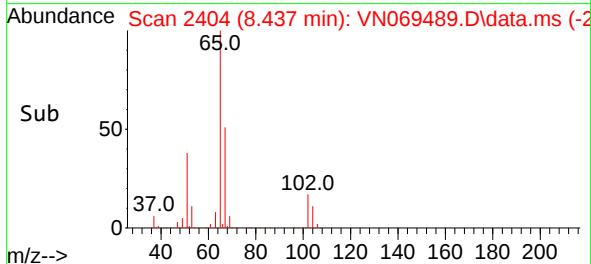
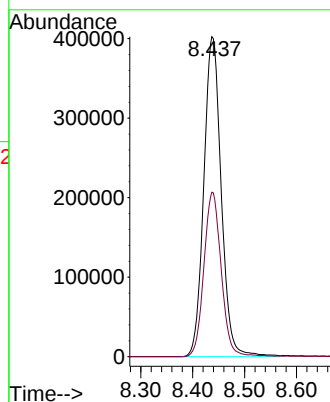
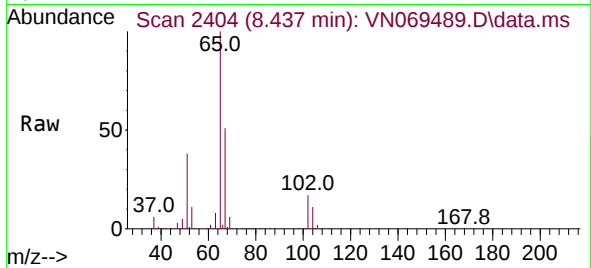




#33
1,2-Dichloroethane-d4
Concen: 57.286 ug/l
RT: 8.437 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

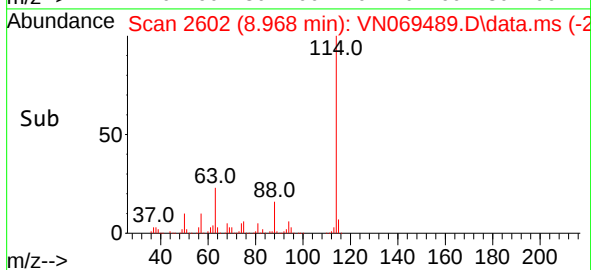
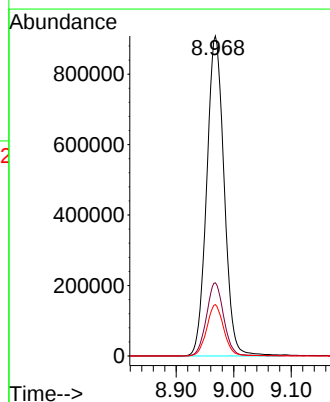
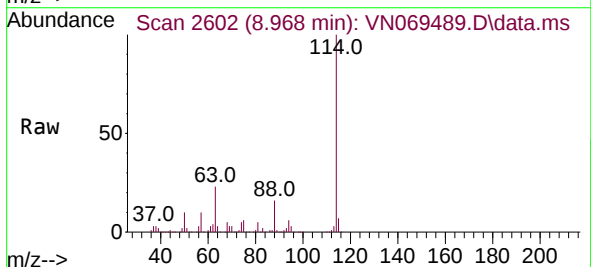
Instrument :
MSVOA_N
ClientSampleId :

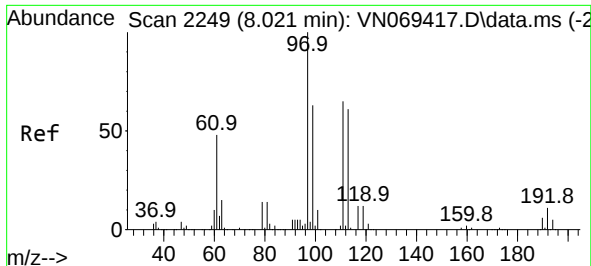
Tgt Ion: 65 Resp: 939736
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 114 Resp: 1910359
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.0 0.0 27.4



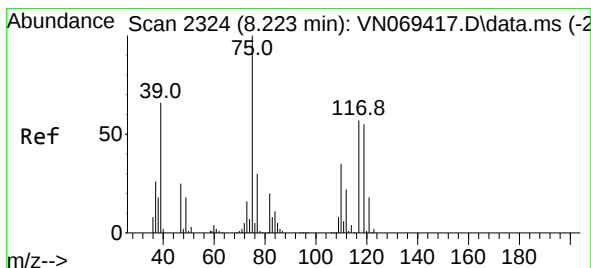
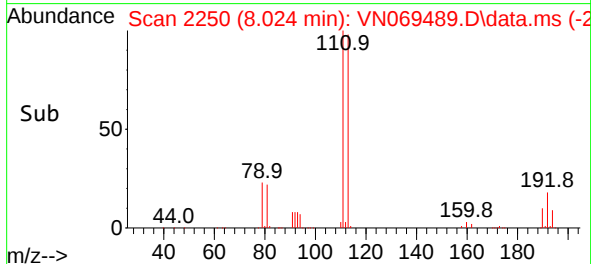
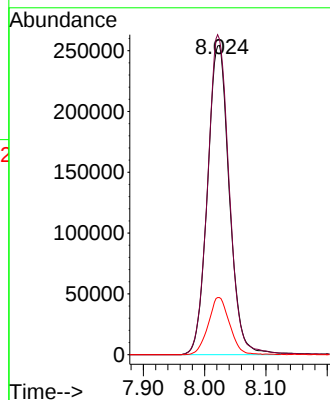
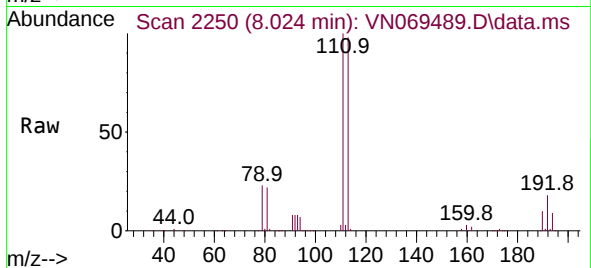


#35
 Dibromofluoromethane
 Concen: 54.933 ug/l
 RT: 8.024 min Scan# 2113
 Delta R.T. 0.003 min
 Lab File: VN069489.D
 Acq: 15 Nov 2021 13:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:113 Resp: 629391

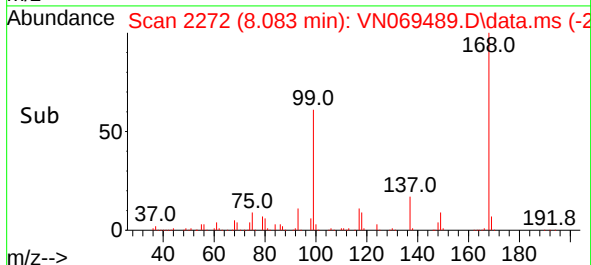
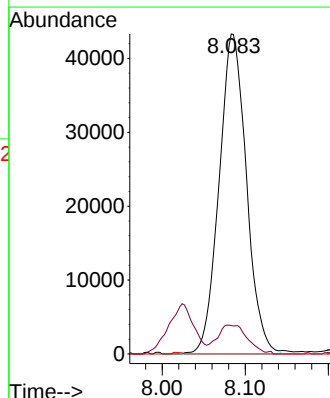
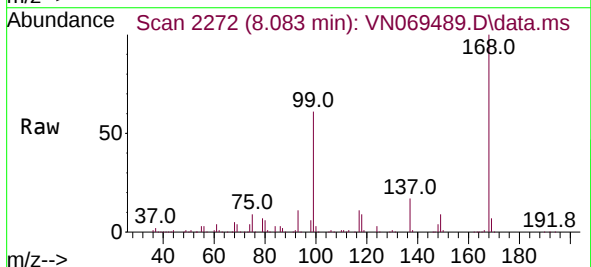
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	18.1	16.9	25.3

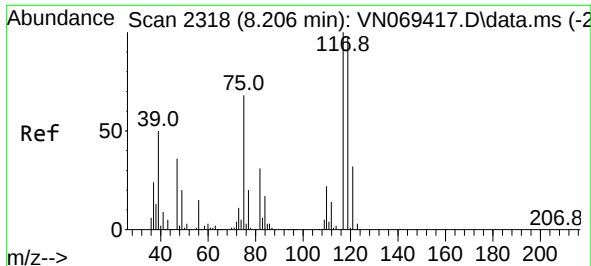


#36
 1,1-Dichloropropene
 Concen: 6.162 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.140 min
 Lab File: VN069489.D
 Acq: 15 Nov 2021 13:37

Tgt Ion: 75 Resp: 99045

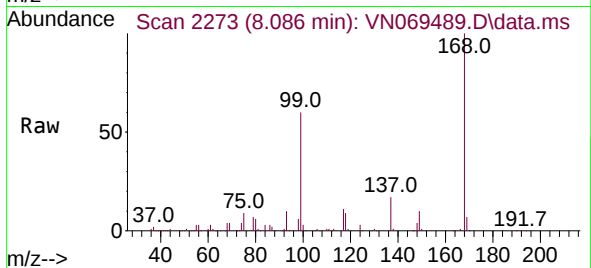
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.2#
77	0.0	24.4	36.6#



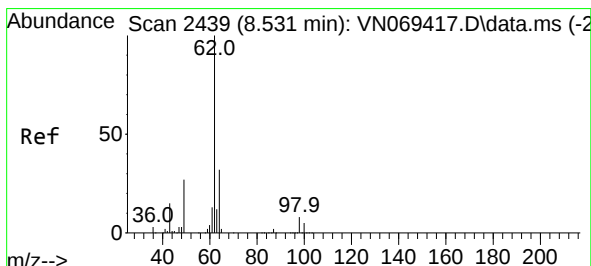
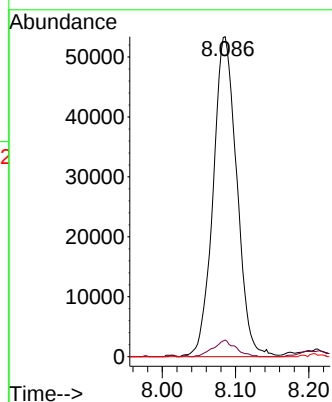
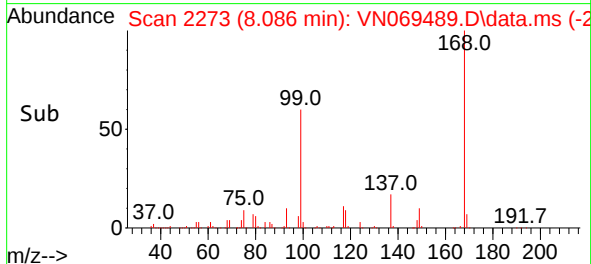


#38
Carbon Tetrachloride
Concen: 7.723 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Instrument :
MSVOA_N
ClientSampleId :

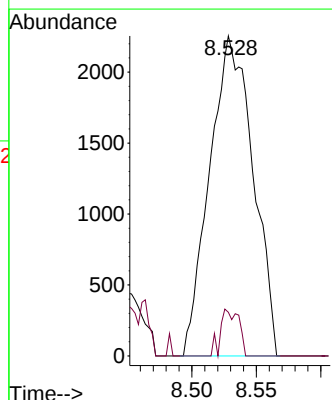
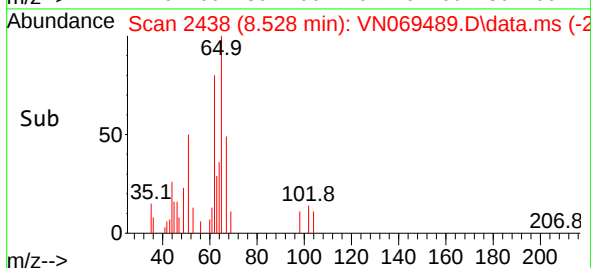
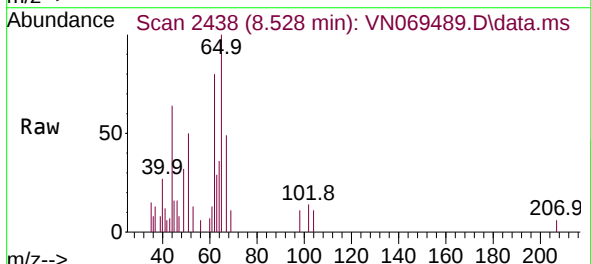


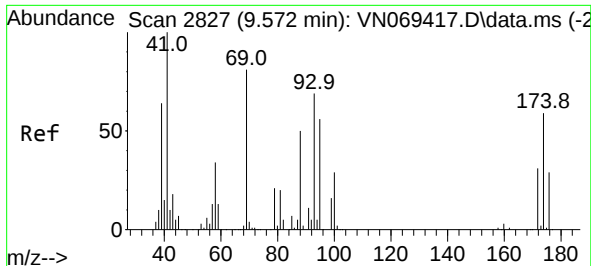
Tgt Ion:117 Resp: 119849
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#42
1,2-Dichloroethane
Concen: 0.272 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 62 Resp: 5288
Ion Ratio Lower Upper
62 100
98 6.2 0.0 17.6





#49

1,4-Dioxane

Concen: 42.735 ug/l

RT: 9.577 min Scan# 2827

Delta R.T. 0.005 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

Instrument :

MSVOA_N

ClientSampleId :

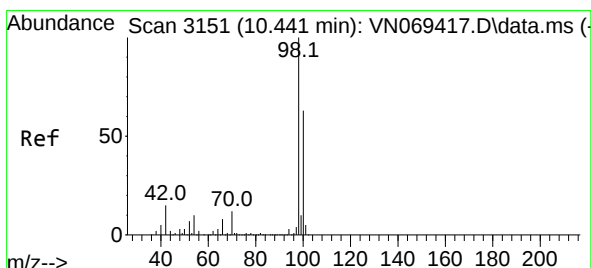
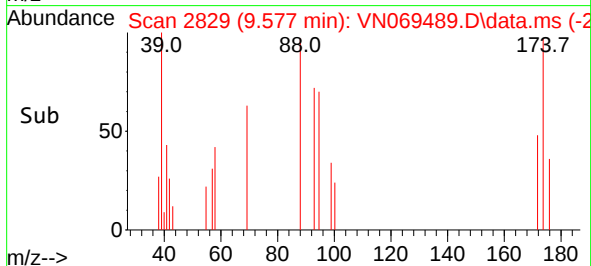
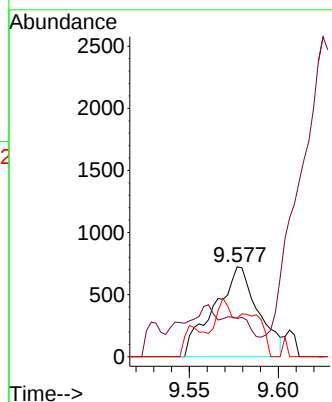
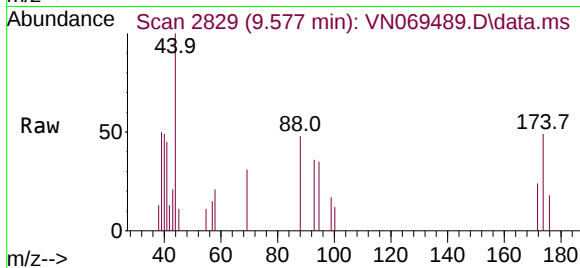
Tgt Ion: 88 Resp: 1245

Ion Ratio Lower Upper

88 100

43 20.4 23.4 35.2#

58 13.4 50.6 75.8#



#50

Toluene-d8

Concen: 54.386 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069489.D

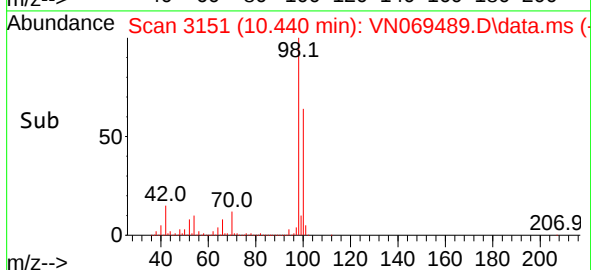
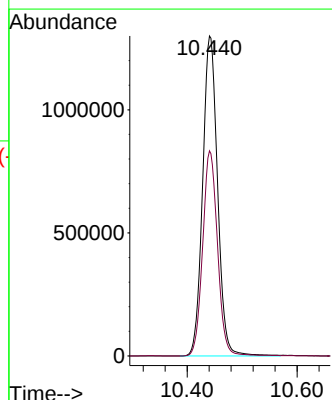
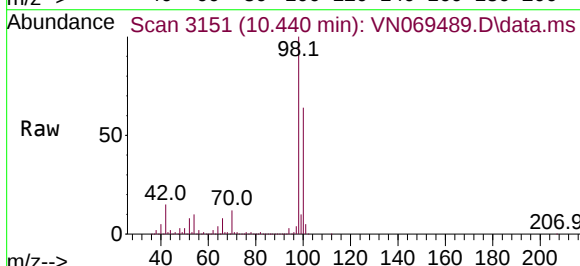
Acq: 15 Nov 2021 13:37

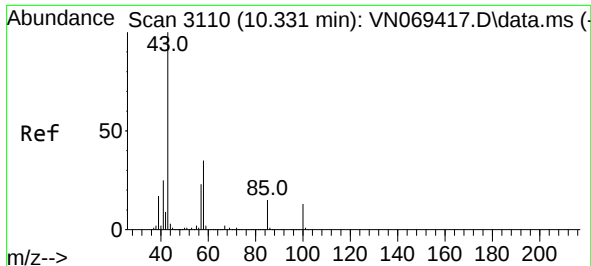
Tgt Ion: 98 Resp: 2450747

Ion Ratio Lower Upper

98 100

100 63.6 50.4 75.6

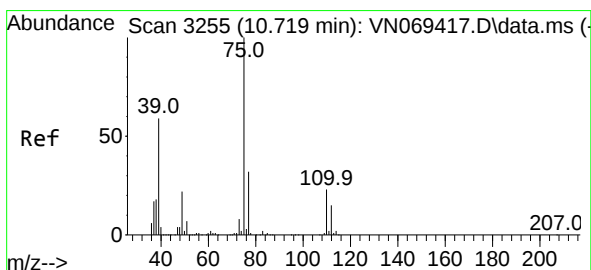
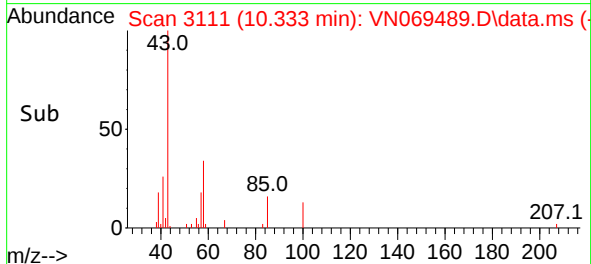
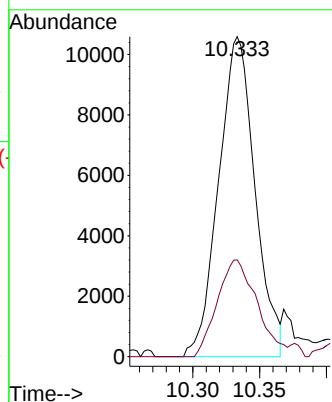
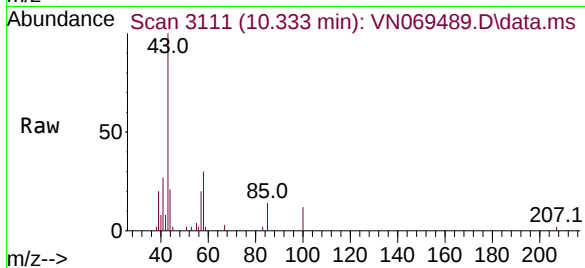




#51
4-Methyl-2-Pentanone
Concen: 0.889 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

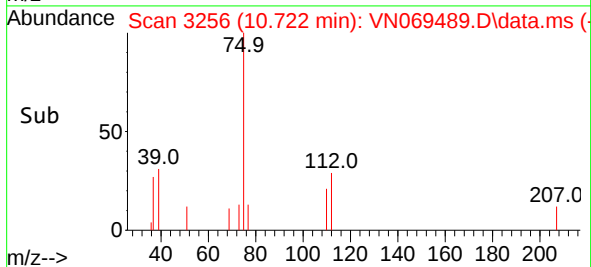
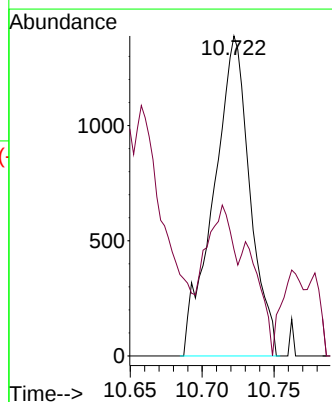
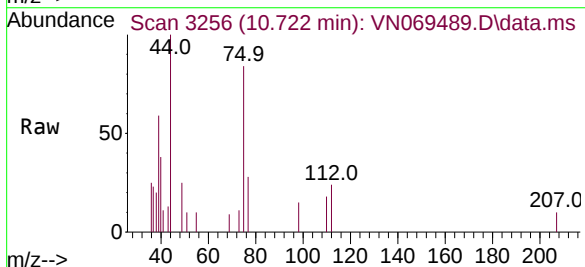
Instrument :
MSVOA_N
ClientSampleId :

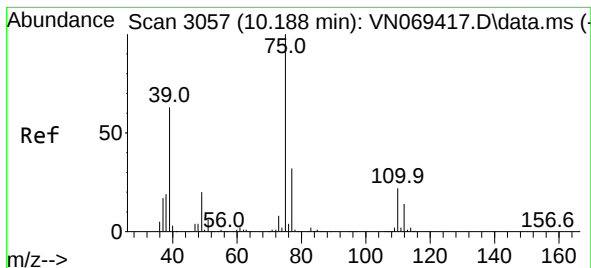
Tgt Ion: 43 Resp: 20033
Ion Ratio Lower Upper
43 100
58 33.1 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 2.750 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 75 Resp: 2430
Ion Ratio Lower Upper
75 100
77 17.9 25.6 38.4#





#54

cis-1,3-Dichloropropene

Concen: 1.864 ug/l

RT: 10.191 min Scan# 3057

Delta R.T. 0.003 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

Instrument :

MSVOA_N

ClientSampleId :

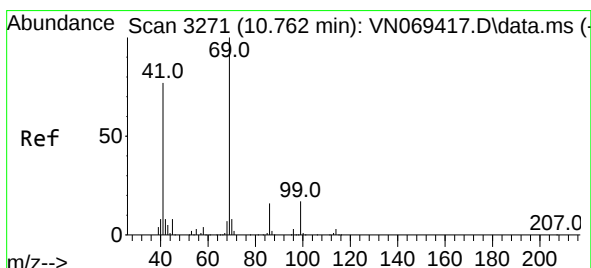
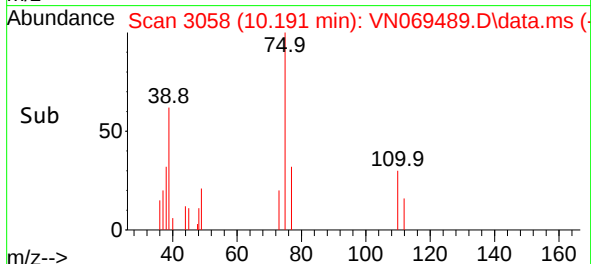
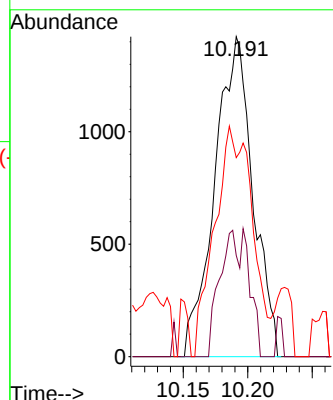
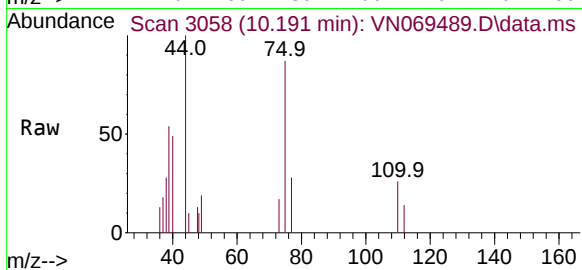
Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

75 100

77 31.6 26.4 39.6

39 44.2 42.5 63.7



#56

Ethyl methacrylate

Concen: 2.204 ug/l

RT: 10.757 min Scan# 3269

Delta R.T. -0.005 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

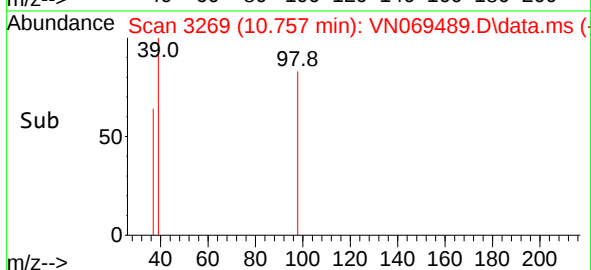
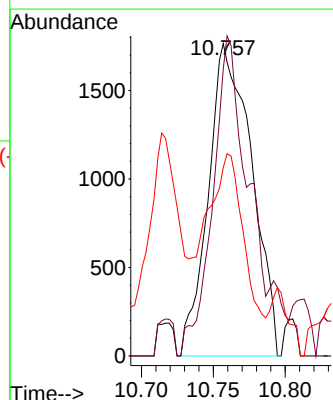
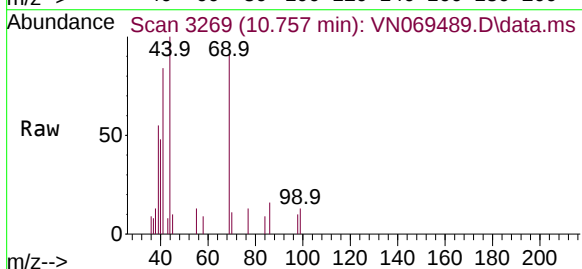
Tgt Ion: 69 Resp: 3703

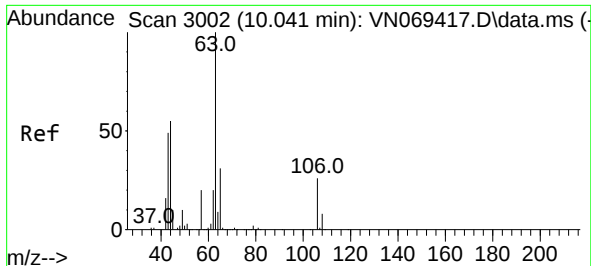
Ion Ratio Lower Upper

69 100

41 83.5 51.4 77.0#

39 40.8 34.6 52.0

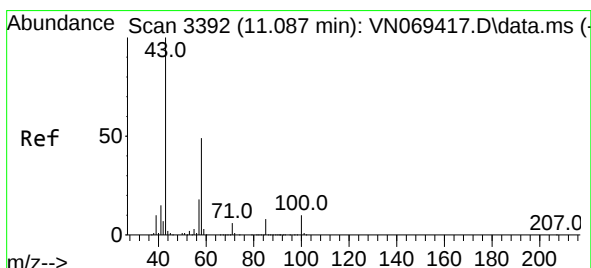
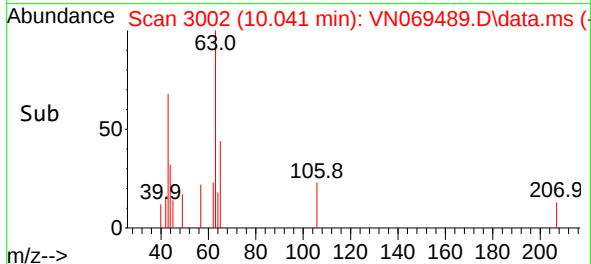
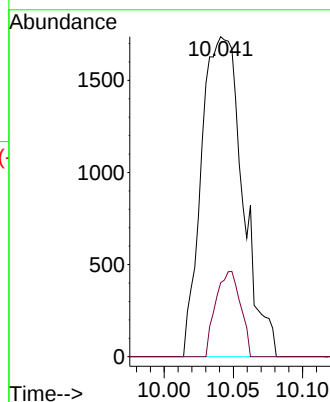
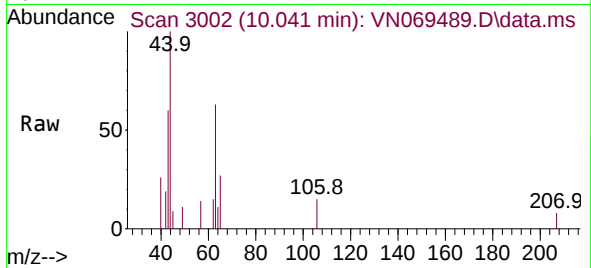




#58
2-Chloroethyl Vinyl ether
Concen: 23.312 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

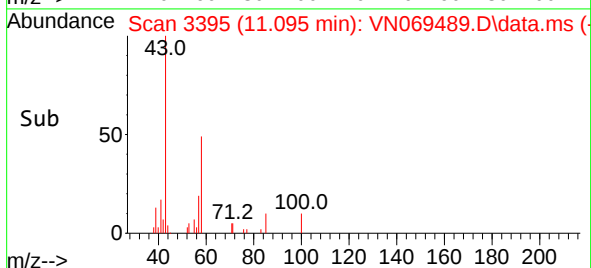
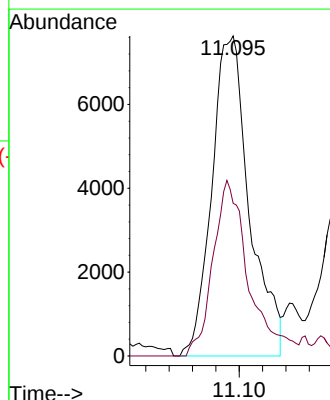
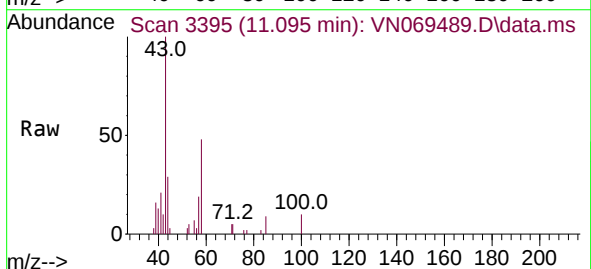
Instrument :
MSVOA_N
ClientSampleId :

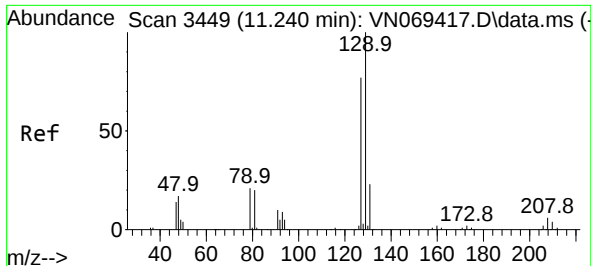
Tgt Ion: 63 Resp: 3598
Ion Ratio Lower Upper
63 100
106 15.9 23.9 35.9#



#59
2-Hexanone
Concen: 8.811 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 43 Resp: 17085
Ion Ratio Lower Upper
43 100
58 52.0 26.9 80.7

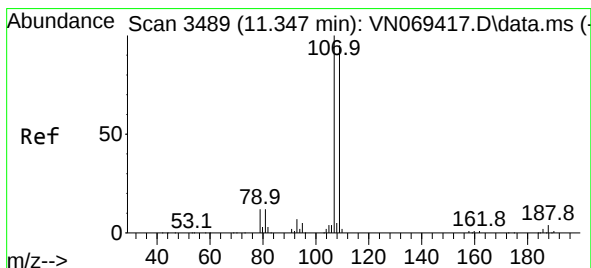
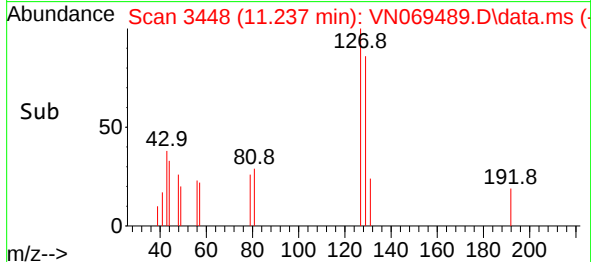
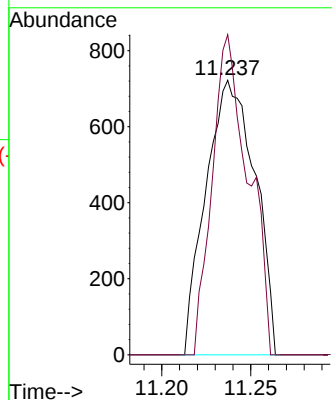
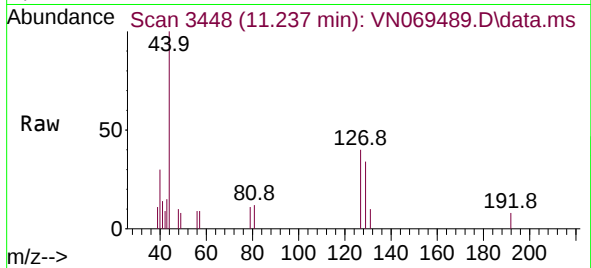




#60
Dibromochloromethane
Concen: 2.514 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

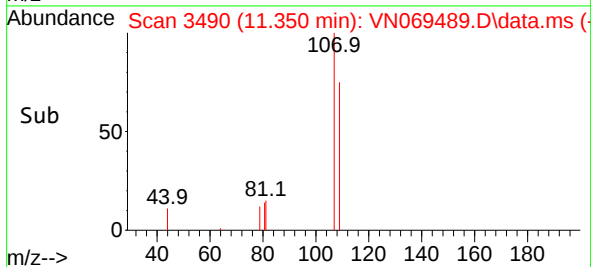
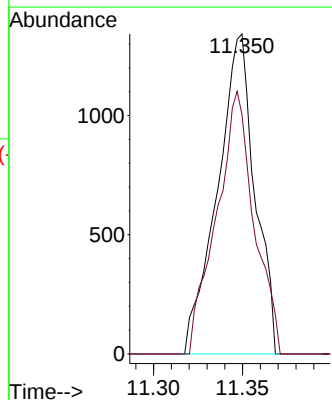
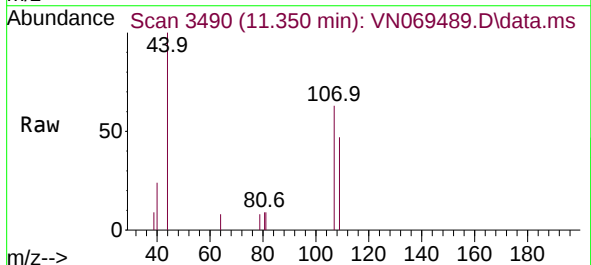
Instrument :
MSVOA_N
ClientSampleId :

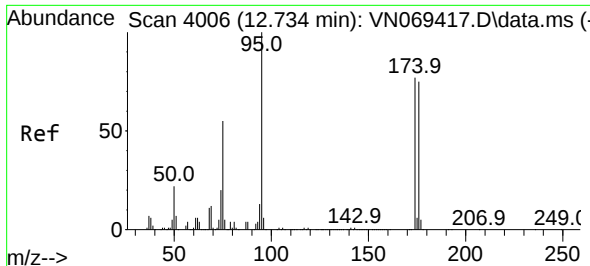
Tgt Ion:129 Resp: 1384
Ion Ratio Lower Upper
129 100
127 85.9 38.6 116.0



#61
1,2-Dibromoethane
Concen: 1.209 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion:107 Resp: 1964
Ion Ratio Lower Upper
107 100
109 82.3 75.7 113.5

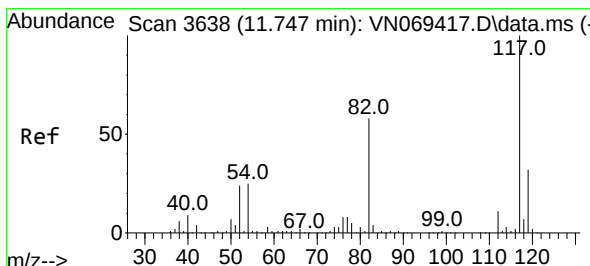
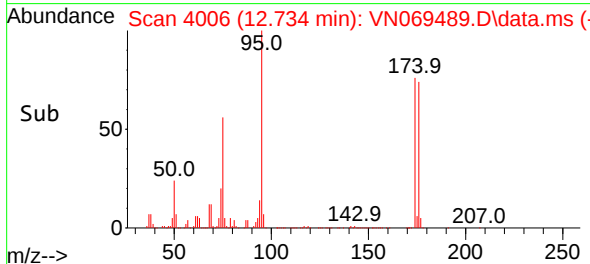
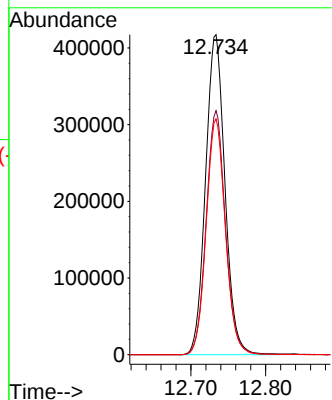
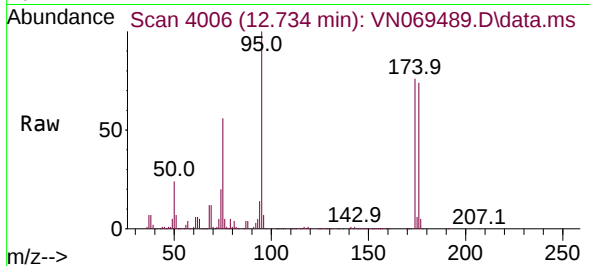




#62
4-Bromofluorobenzene
Concen: 45.421 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

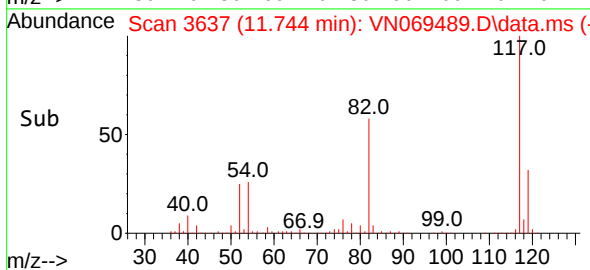
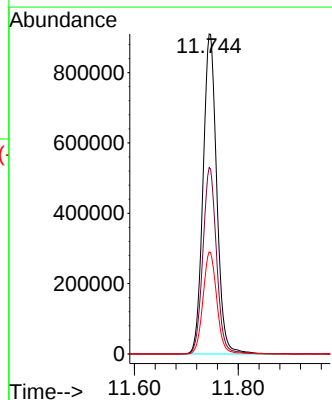
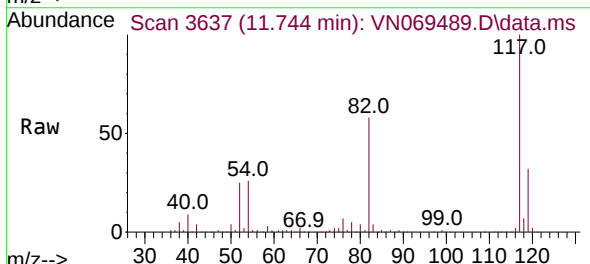
Instrument :
MSVOA_N
ClientSampleId :

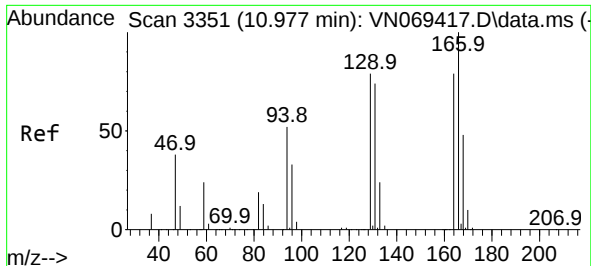
Tgt Ion: 95 Resp: 751906
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

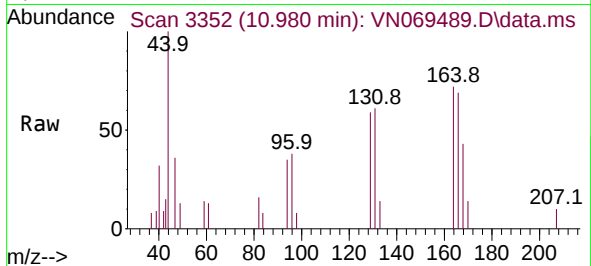
Tgt Ion: 117 Resp: 1662959
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.9 25.4 38.2



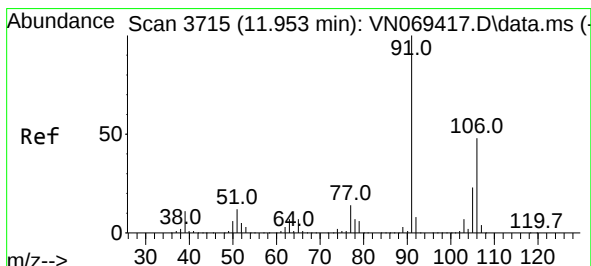
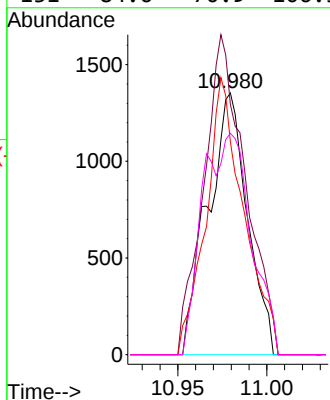
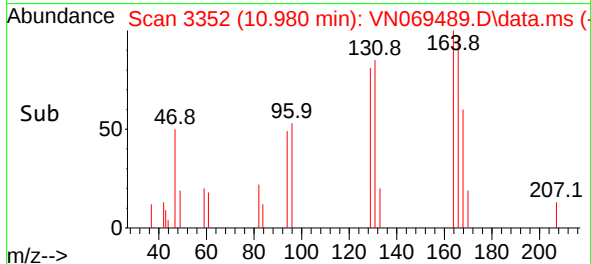


#64
Tetrachloroethene
Concen: 0.209 ug/l
RT: 10.980 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

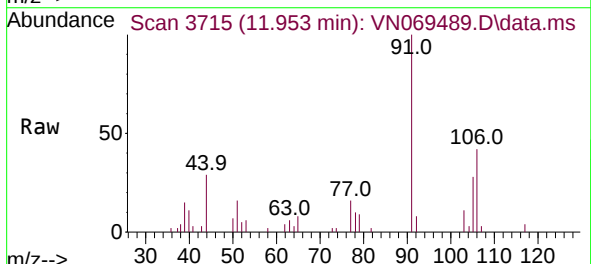
Instrument :
MSVOA_N
ClientSampleId :



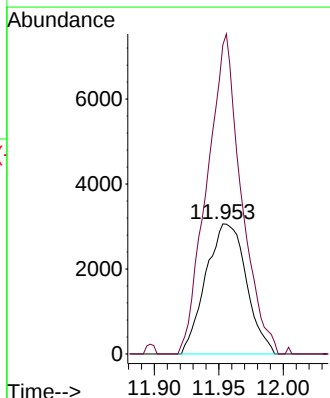
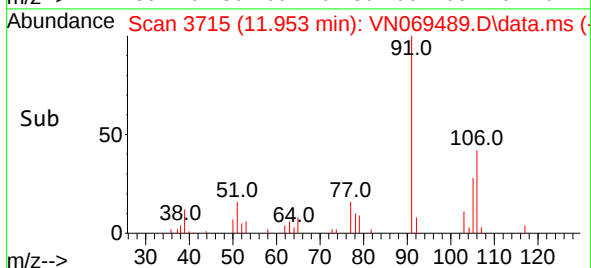
Tgt Ion:	164	Resp:	2099
Ion	Ratio	Lower	Upper
164	100		
166	95.6	101.9	152.9#
129	81.3	72.0	108.0
131	84.6	70.9	106.3

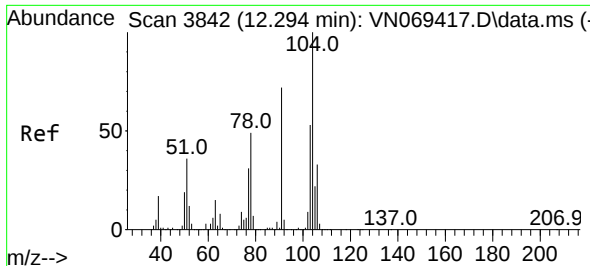


#68
m/p-Xylenes
Concen: 0.319 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37



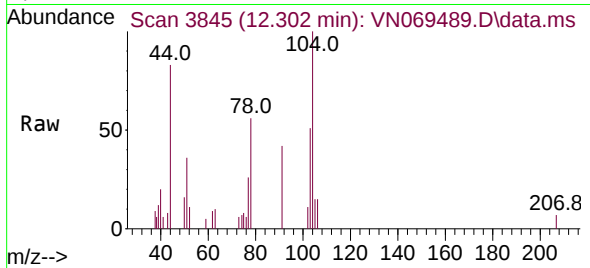
Tgt Ion:	106	Resp:	6690
Ion	Ratio	Lower	Upper
106	100		
91	207.7	160.6	240.8



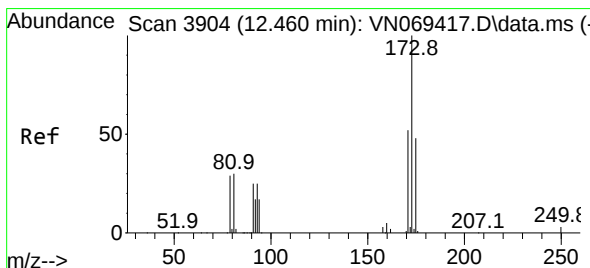
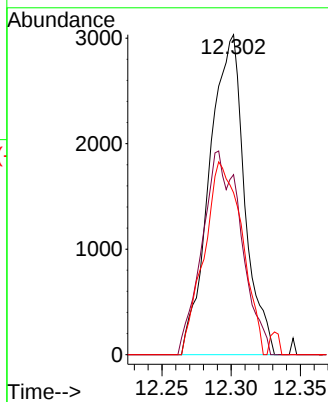
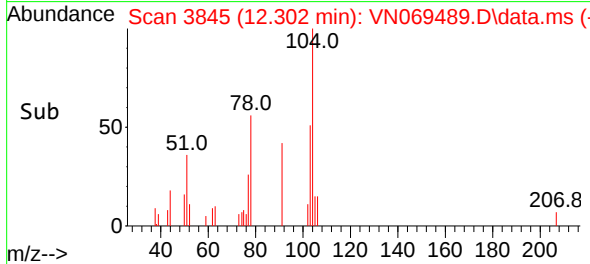


#70
Styrene
Concen: 1.658 ug/l
RT: 12.302 min Scan# 3845
Delta R.T. 0.008 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Instrument :
MSVOA_N
ClientSampleId :

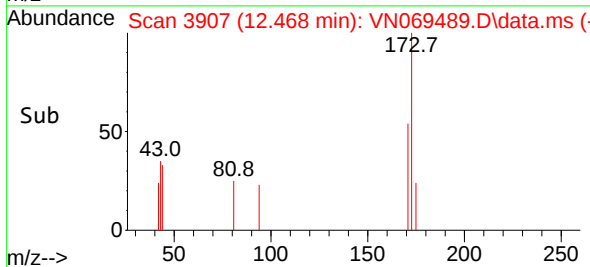
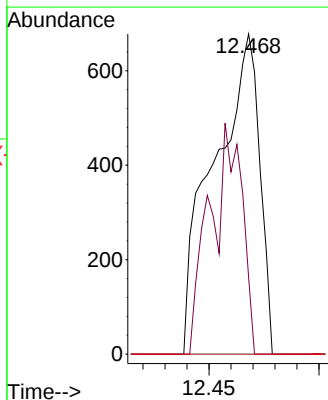
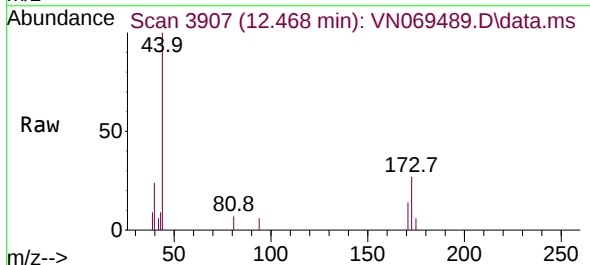


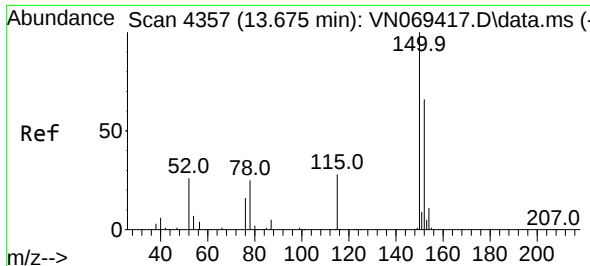
Tgt Ion:104 Resp: 5347
Ion Ratio Lower Upper
104 100
78 43.3 38.7 58.1
103 65.0 45.0 67.6



#71
Bromoform
Concen: 3.525 ug/l
RT: 12.468 min Scan# 3907
Delta R.T. 0.008 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion:173 Resp: 976
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

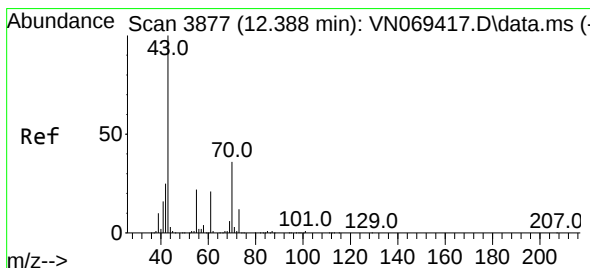
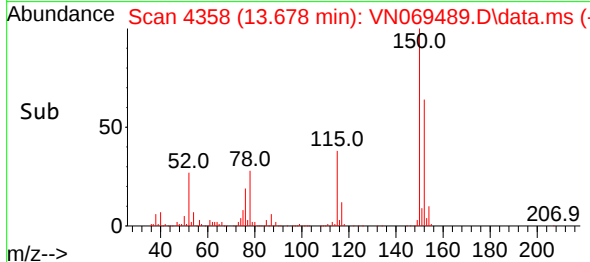
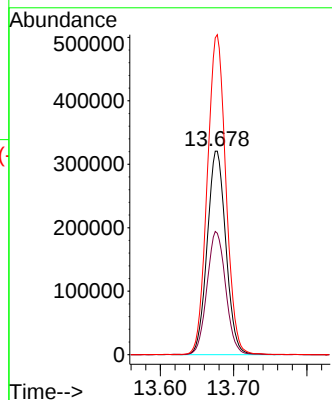
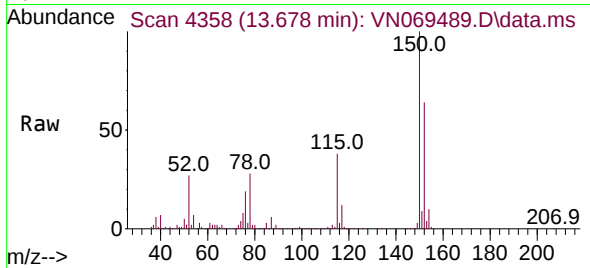




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

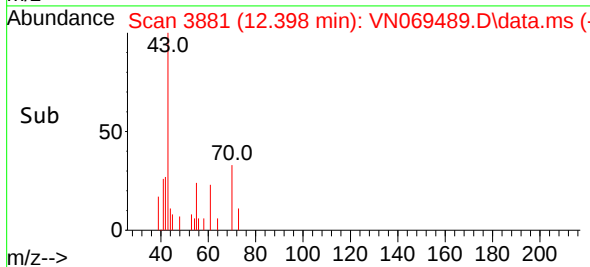
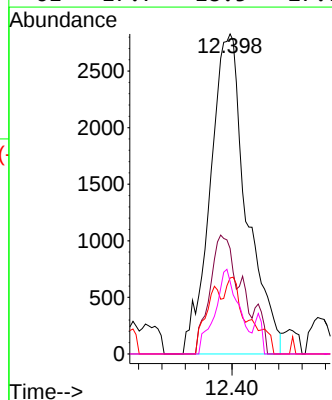
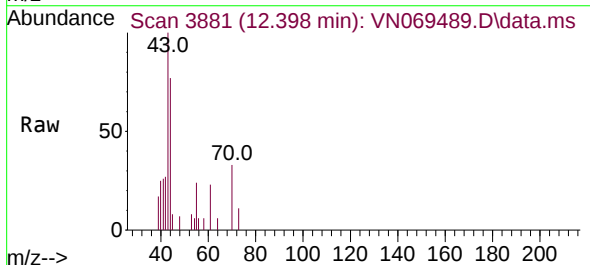
Instrument :
MSVOA_N
ClientSampleId :

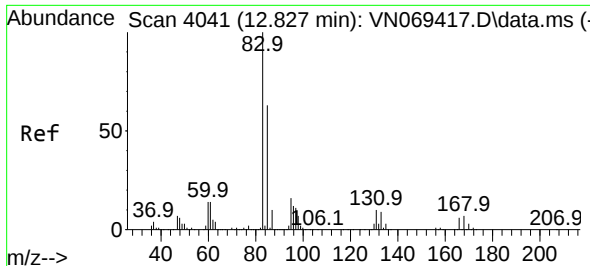
Tgt Ion:152 Resp: 567304
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 156.3 0.0 344.4



#74
N-ethyl acetate
Concen: 0.318 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.010 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 43 Resp: 6091
Ion Ratio Lower Upper
43 100
70 30.7 33.4 50.0#
55 14.4 19.3 28.9#
61 17.7 18.5 27.7#

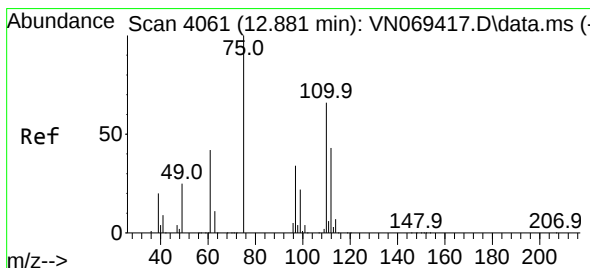
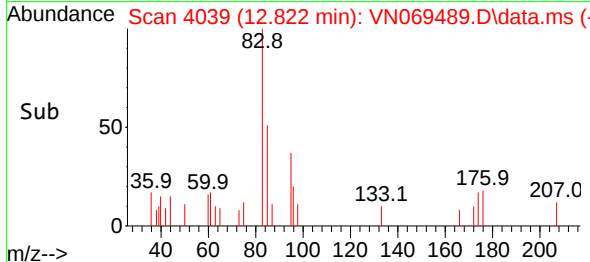
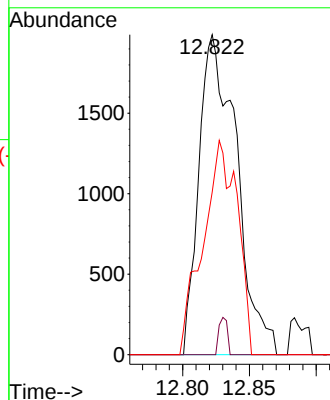
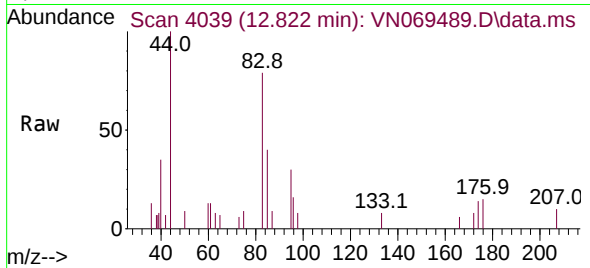




#75
1,1,2,2-Tetrachloroethane
Concen: 0.255 ug/l
RT: 12.822 min Scan# 4041
Delta R.T. -0.005 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

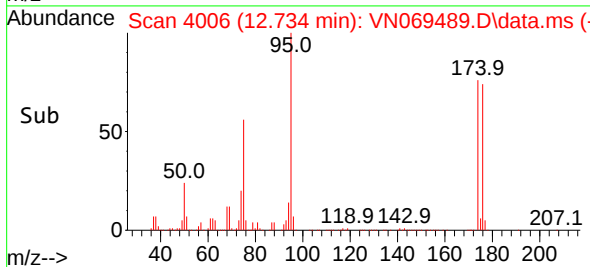
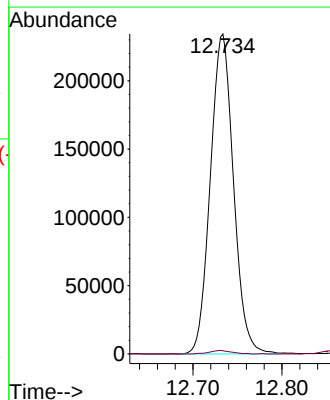
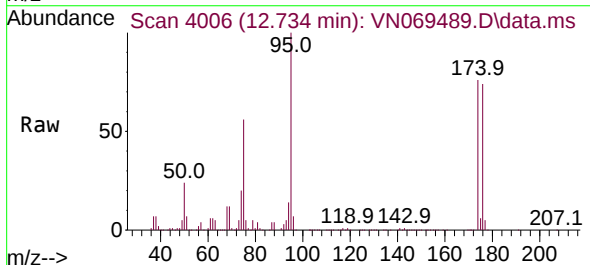
Instrument :
MSVOA_N
ClientSampleId :

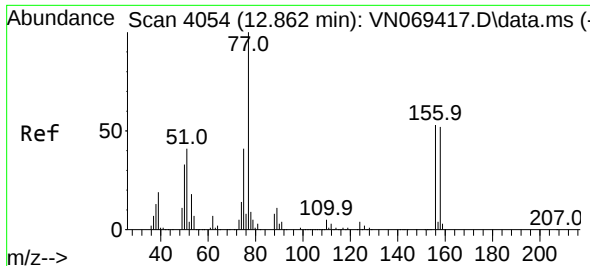
Tgt Ion: 83 Resp: 3886
Ion Ratio Lower Upper
83 100
131 2.6 5.5 16.5#
85 61.4 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 32.323 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 75 Resp: 423176
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#

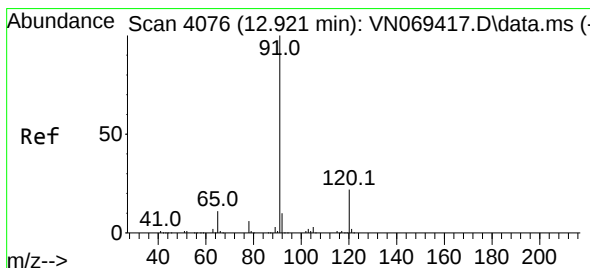
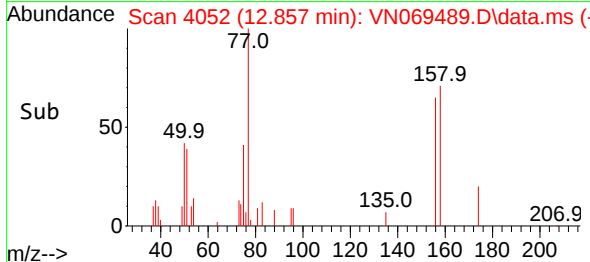
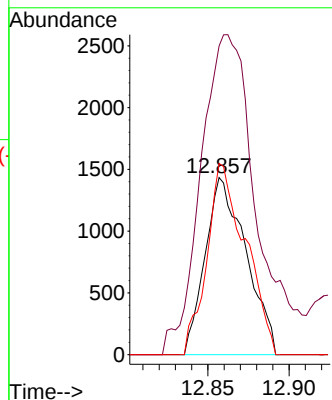
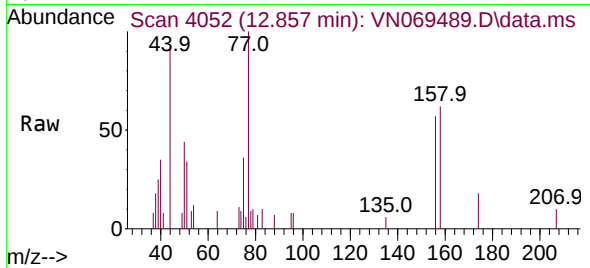




#77
Bromobenzene
Concen: 0.242 ug/l
RT: 12.857 min Scan# 4054
Delta R.T. -0.005 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

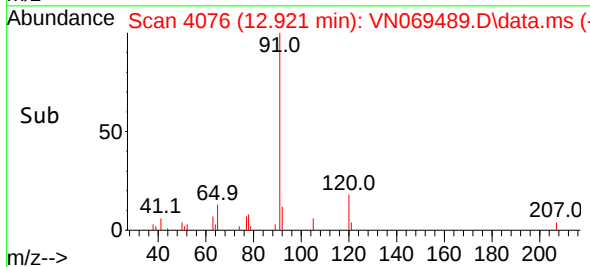
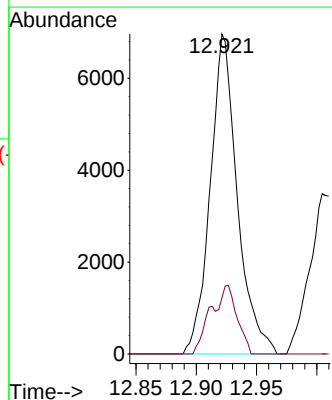
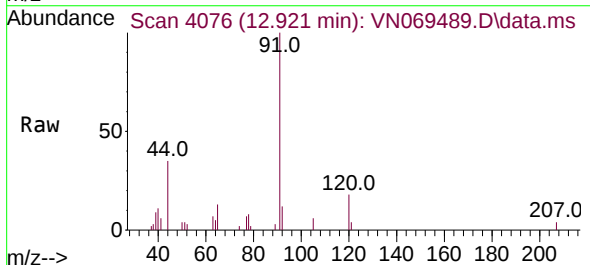
Instrument :
MSVOA_N
ClientSampleId :

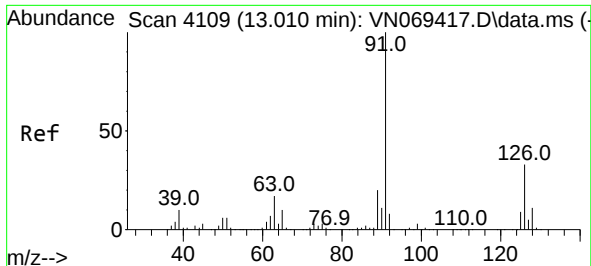
Tgt Ion:156 Resp: 2504
Ion Ratio Lower Upper
156 100
77 246.8 90.6 271.8
158 101.9 48.9 146.7



#78
n-propylbenzene
Concen: 0.214 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 91 Resp: 10860
Ion Ratio Lower Upper
91 100
120 13.7 11.9 35.9

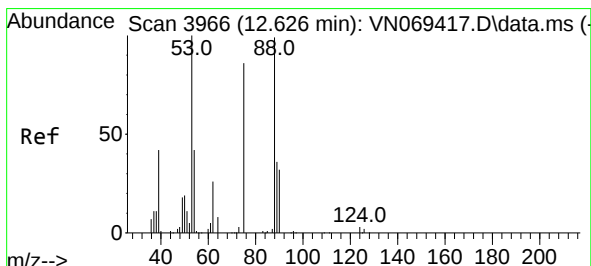
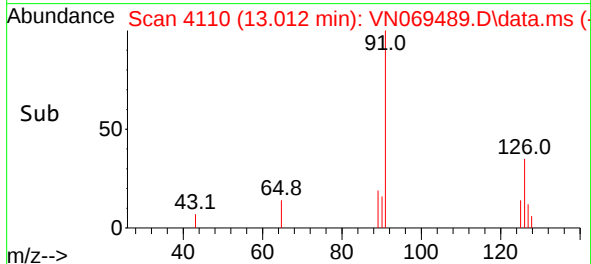
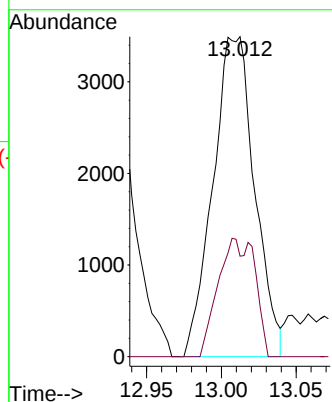
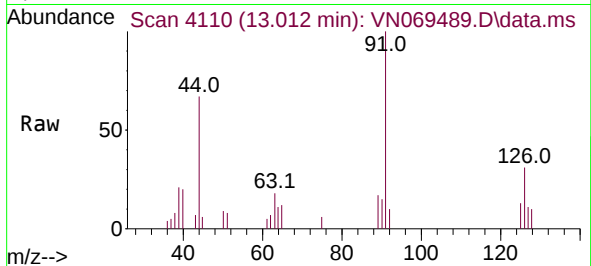




#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.012 min Scan# 4109
Delta R.T. 0.002 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

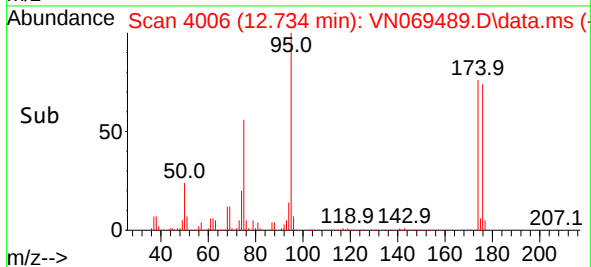
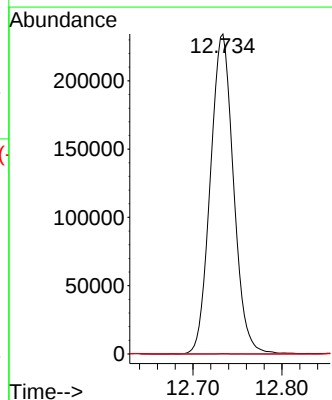
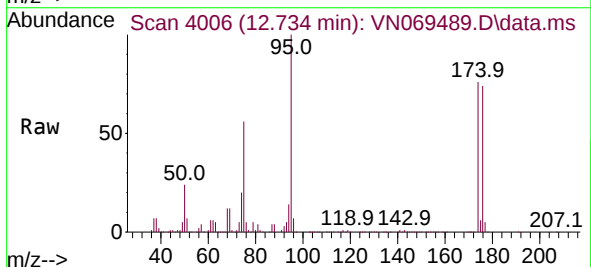
Instrument :
MSVOA_N
ClientSampleId :

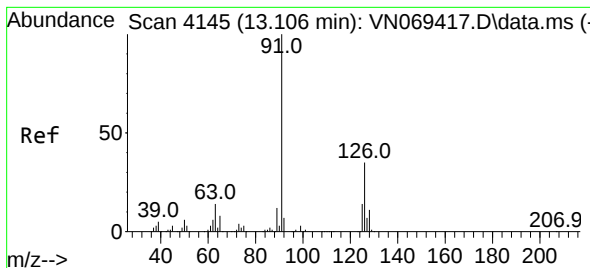
Tgt Ion: 91 Resp: 6784
Ion Ratio Lower Upper
91 100
126 20.1 18.3 54.8



#81
trans-1,4-Dichloro-2-butene
Concen: 90.866 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 75 Resp: 423176
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

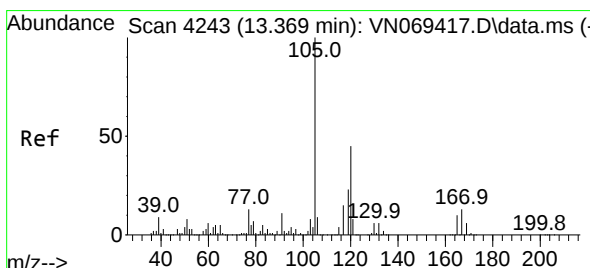
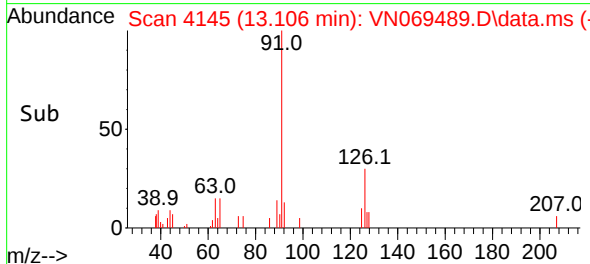
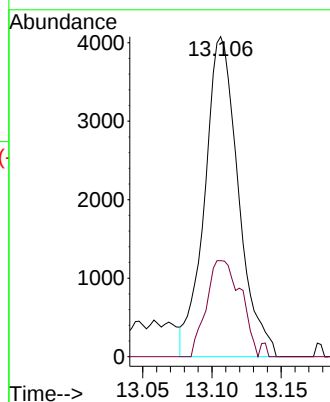
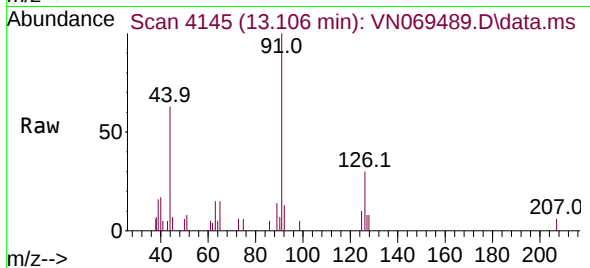




#82
4-Chlorotoluene
Concen: 0.230 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

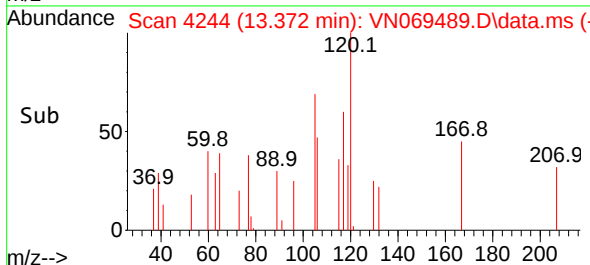
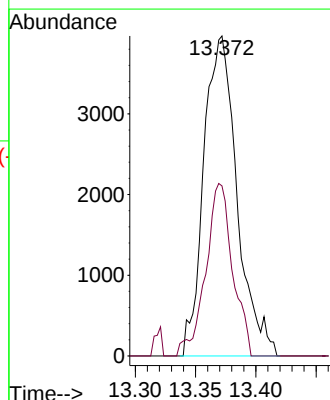
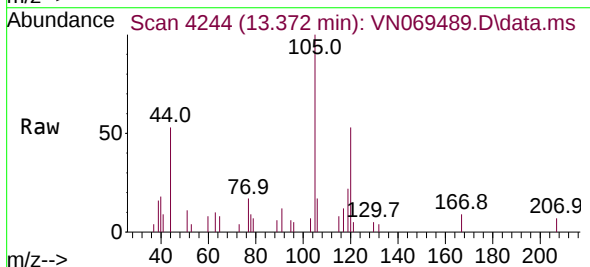
Instrument :
MSVOA_N
ClientSampleId :

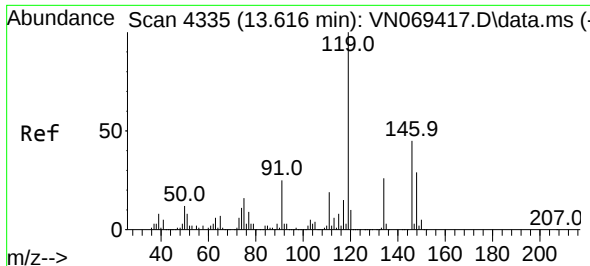
Tgt Ion: 91 Resp: 6905
Ion Ratio Lower Upper
91 100
126 30.5 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 0.216 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 105 Resp: 7617
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4

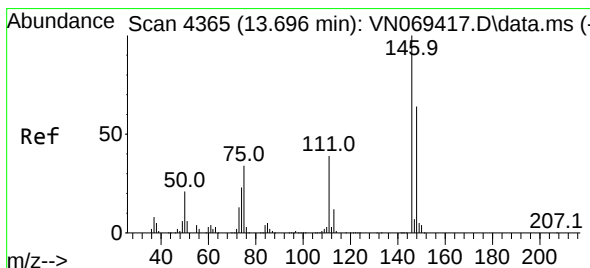
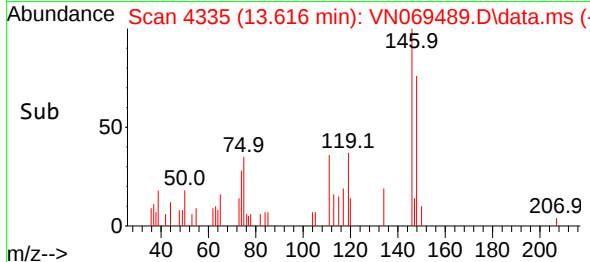
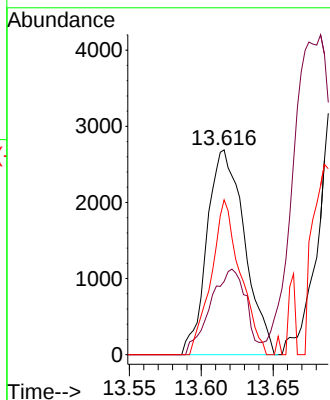
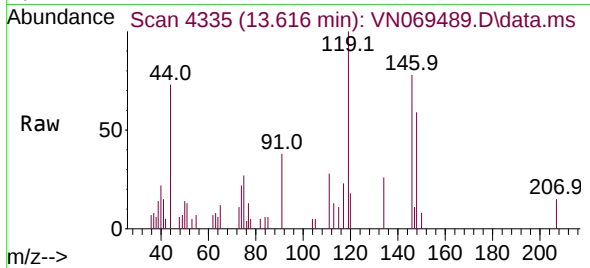




#87
 1,3-Dichlorobenzene
 Concen: 0.273 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069489.D
 Acq: 15 Nov 2021 13:37

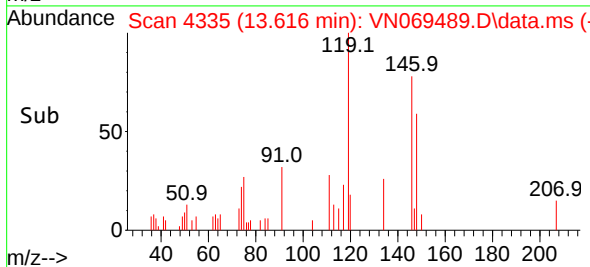
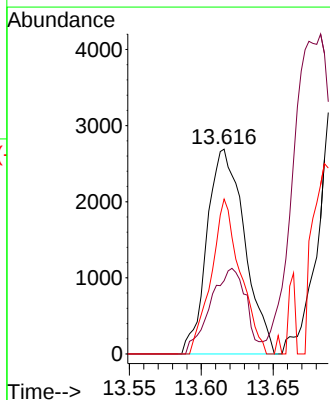
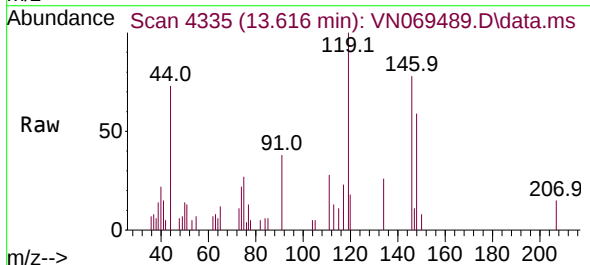
Instrument :
 MSVOA_N
 ClientSampleId :

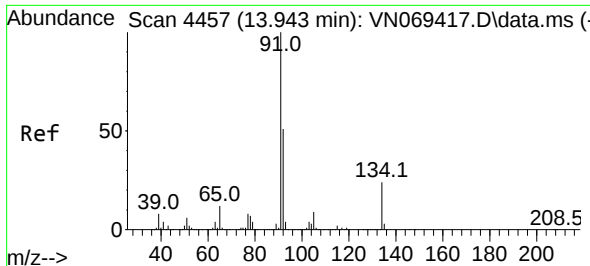
Tgt Ion:146 Resp: 4888
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.6 55.6
 148 58.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.278 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.080 min
 Lab File: VN069489.D
 Acq: 15 Nov 2021 13:37

Tgt Ion:146 Resp: 4888
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.3 54.8
 148 58.6 31.8 95.4

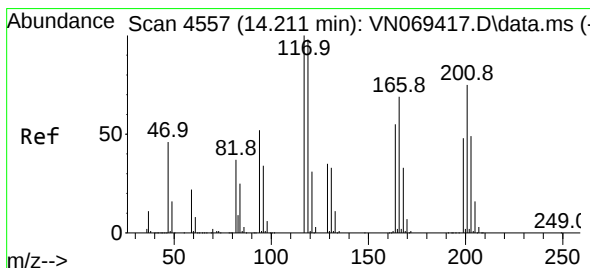
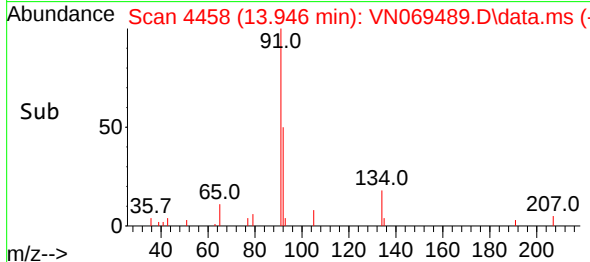
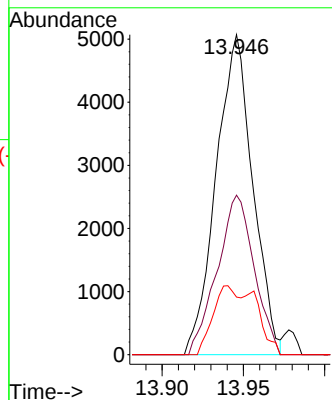
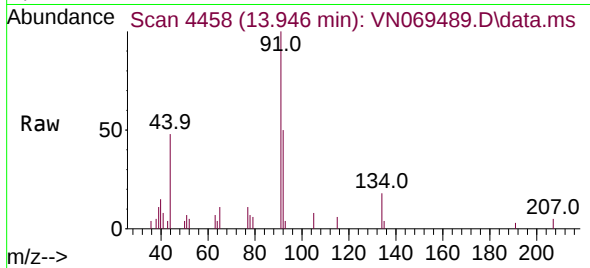




#89
n-Butylbenzene
Concen: 0.268 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

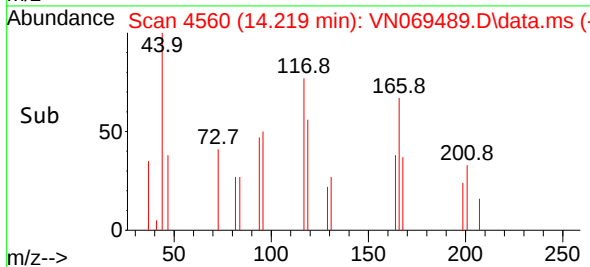
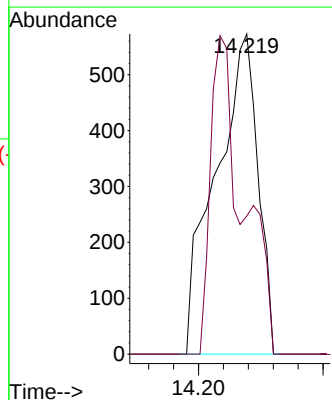
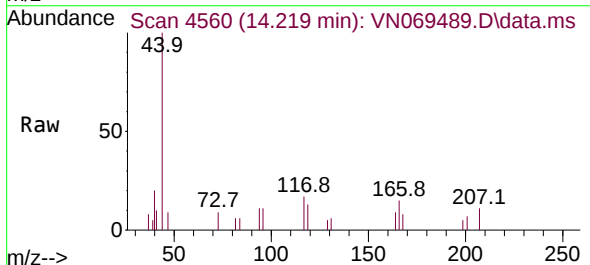
Instrument :
MSVOA_N
ClientSampleId :

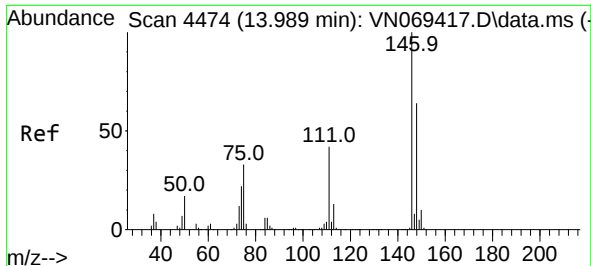
Tgt Ion: 91 Resp: 7945
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.0
134 15.5 13.6 40.8



#90
Hexachloroethane
Concen: 2.261 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.008 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

Tgt Ion: 117 Resp: 673
Ion Ratio Lower Upper
117 100
201 54.1 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 0.286 ug/l

RT: 13.994 min Scan# 4474

Delta R.T. 0.005 min

Lab File: VN069489.D

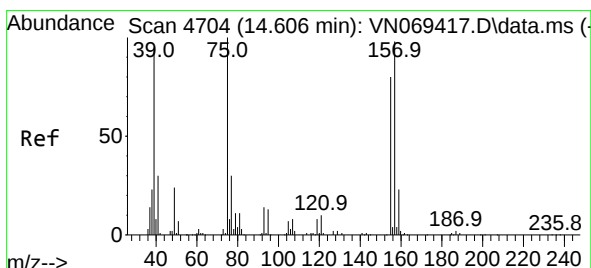
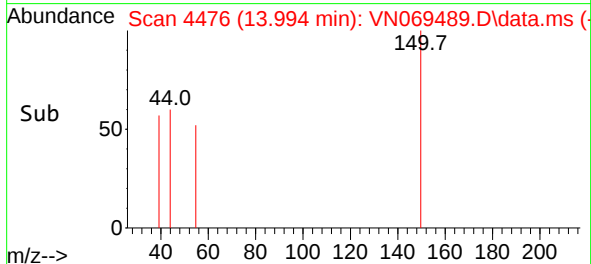
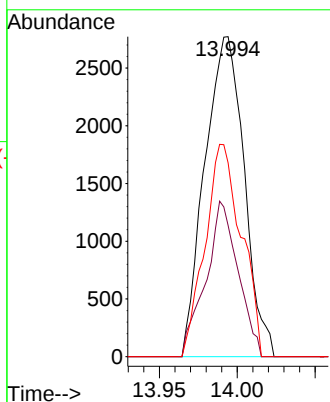
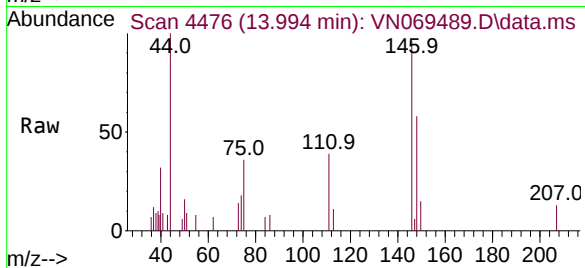
Acq: 15 Nov 2021 13:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	4872
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.1	57.3
148	61.3	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.019 ug/l

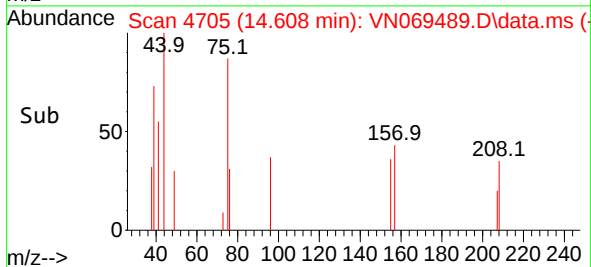
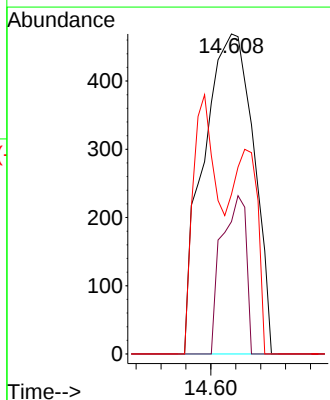
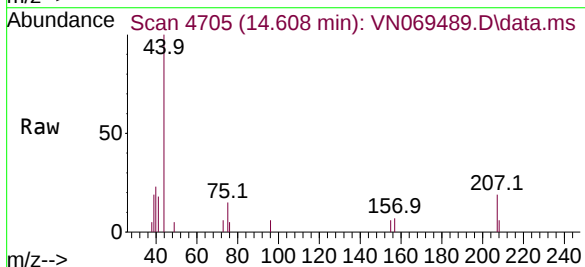
RT: 14.608 min Scan# 4705

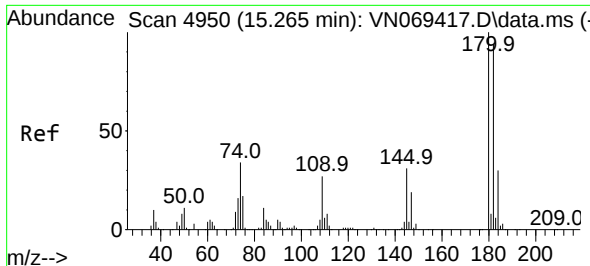
Delta R.T. 0.002 min

Lab File: VN069489.D

Acq: 15 Nov 2021 13:37

Tgt Ion:	75	Resp:	654
Ion Ratio	Lower	Upper	
75	100		
155	24.3	46.9	140.7#
157	32.7	60.6	181.7#

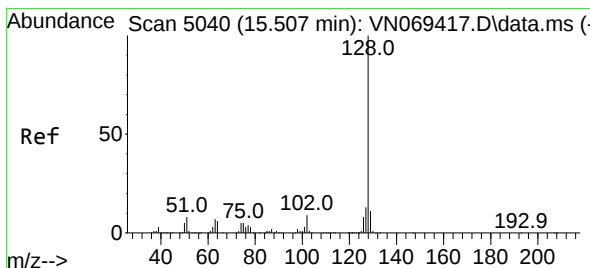
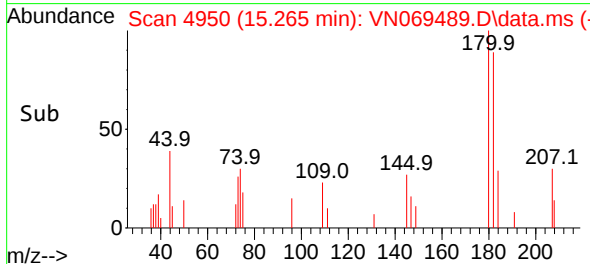
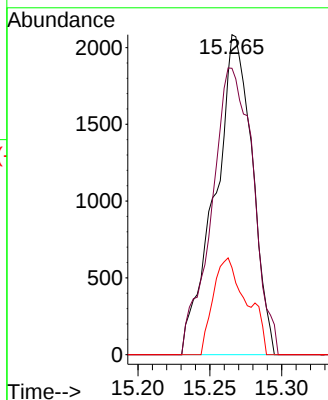
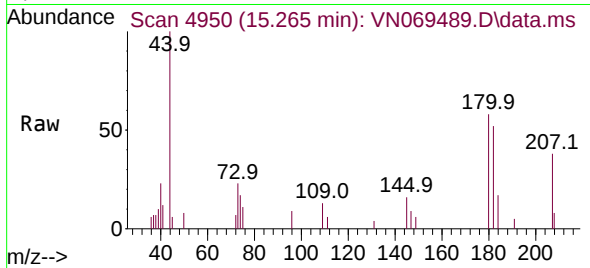




#93
1,2,4-Trichlorobenzene
Concen: 3.508 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

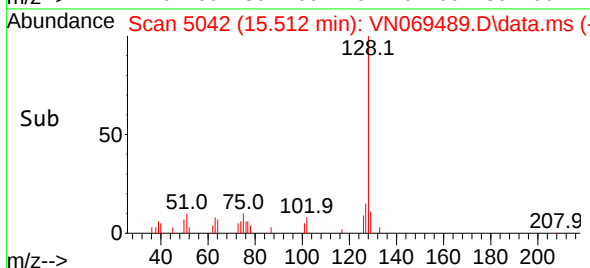
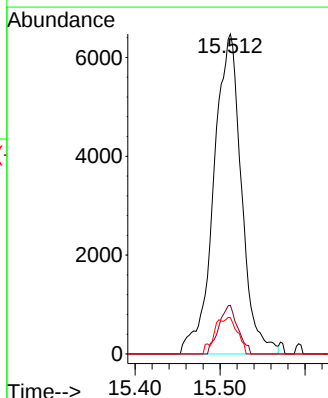
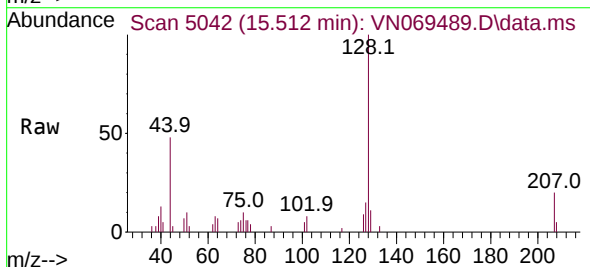
Instrument :
MSVOA_N
ClientSampleId :

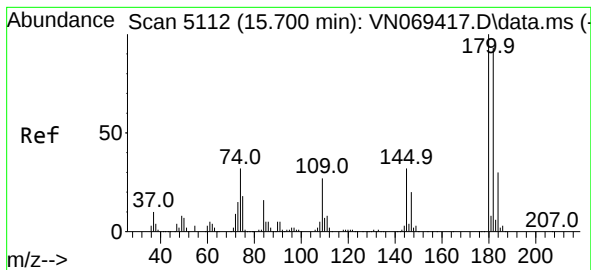
Tgt Ion:180 Resp: 3759
Ion Ratio Lower Upper
180 100
182 99.5 48.3 144.9
145 27.1 14.5 43.5



#95
Naphthalene
Concen: 4.982 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069489.D
Acq: 15 Nov 2021 13:37

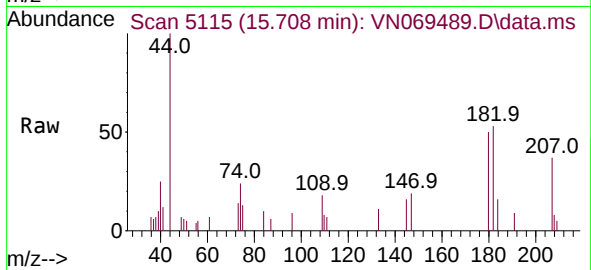
Tgt Ion:128 Resp: 14672
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 9.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.569 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.008 min
 Lab File: VN069489.D
 Acq: 15 Nov 2021 13:37

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3646
Ion Ratio	Lower	Upper	
180	100		
182	103.4	47.4	142.2
145	33.2	15.0	45.1

