

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011198.D
 Acq On : 31 Oct 2022 15:41
 Operator : KP/MD
 Sample : N5331-02RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLLOFF-RB21502

Quant Time: Nov 01 02:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

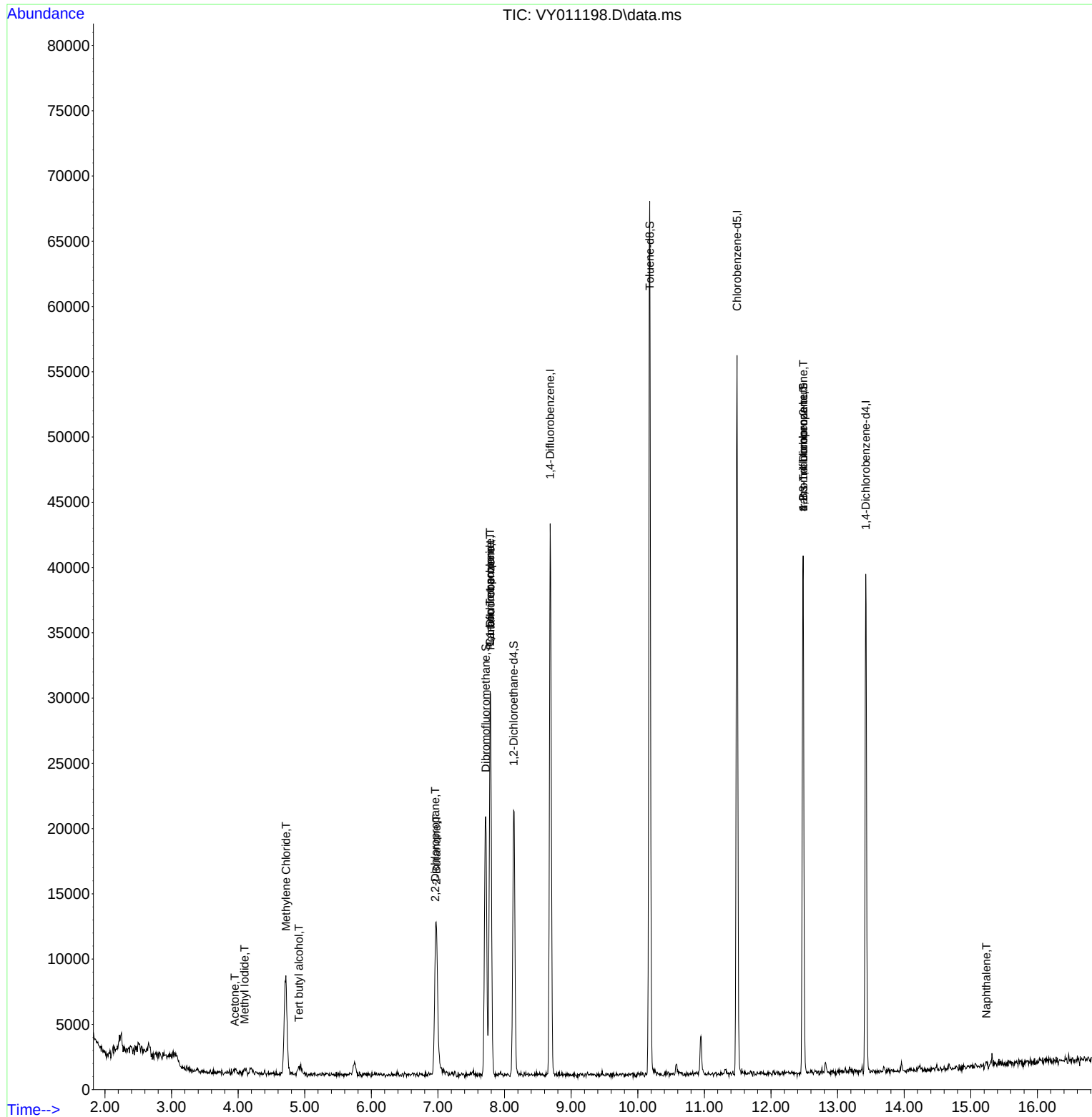
Internal Standards						
1) Pentafluorobenzene	7.789	168	23191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	36311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	30744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	16546	68.999	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.000%			
35) Dibromofluoromethane	7.716	113	15168	67.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 135.860%			
50) Toluene-d8	10.179	98	47171	53.322	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.483	95	12710	43.909	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.820%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	261	Below Cal	#	44
5) Bromomethane	2.668	94	368	Below Cal	#	72
6) Chloroethane	2.546	64	18	Below Cal	#	43
10) Methyl Iodide	4.095	142	777	3.426	ug/l #	77
11) Tert butyl alcohol	4.912	59	911	35.595	ug/l #	77
16) Acetone	3.948	43	547	9.323	ug/l #	47
18) Methyl Acetate	4.729	43	23	Below Cal	#	56
20) Methylene Chloride	4.716	84	5976	20.722	ug/l #	82
25) 2-Butanone	6.978	43	705	8.383	ug/l #	54
26) 2,2-Dichloropropane	6.960	77	936	2.549	ug/l #	55
31) Cyclohexane	7.783	56	465	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	1777	6.104	ug/l #	42
38) Carbon Tetrachloride	7.783	117	2258	7.121	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	6279	58.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6279	124.667	ug/l #	7
95) Naphthalene	15.233	128	343	5.202	ug/l #	78

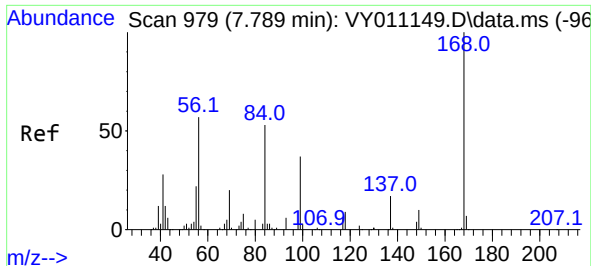
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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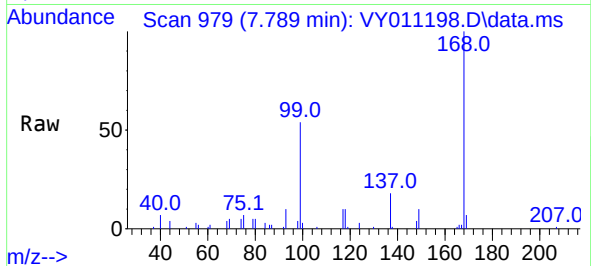
Quant Time: Nov 01 02:44:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration



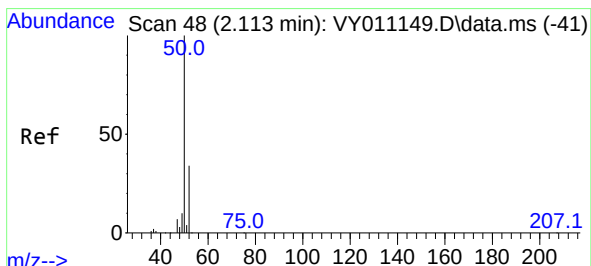
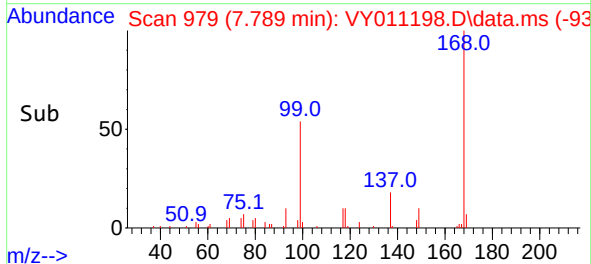
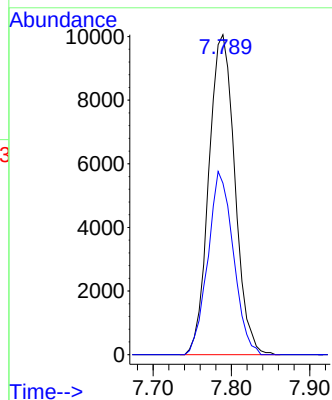


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

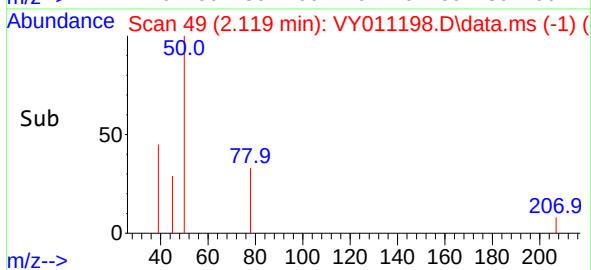
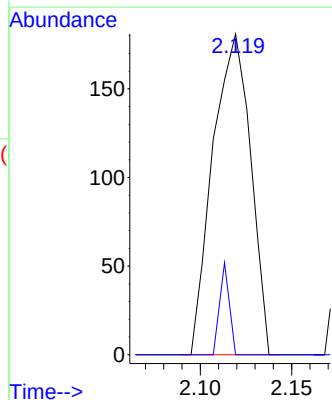
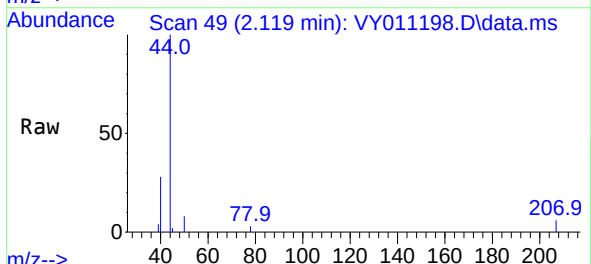


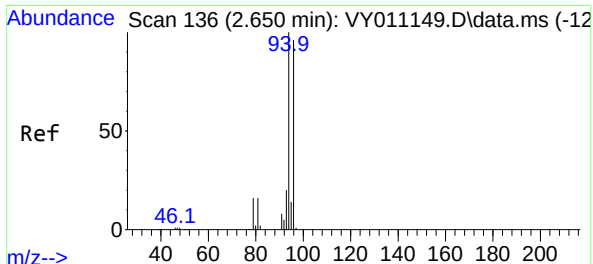
Tgt Ion:168 Resp: 23191
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

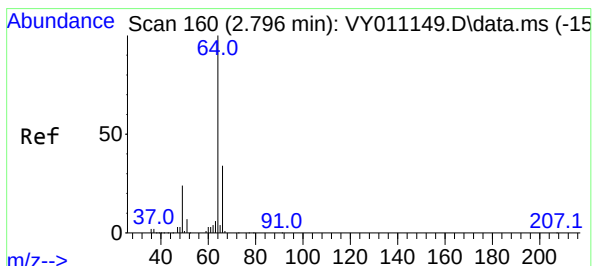
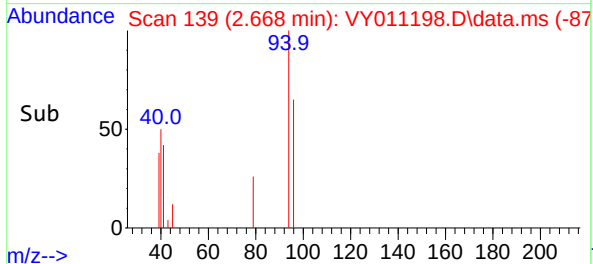
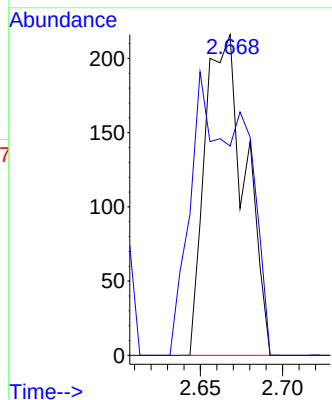
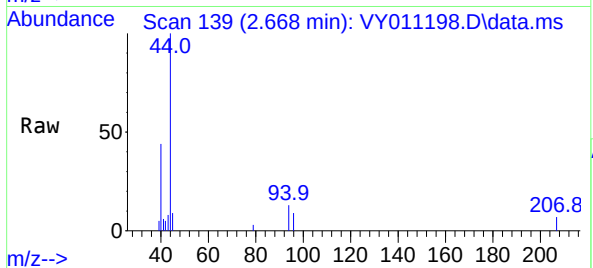




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 119
Delta R.T. 0.018 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

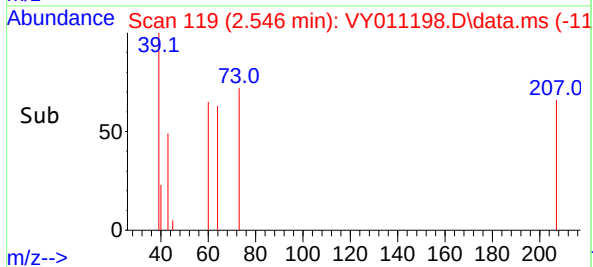
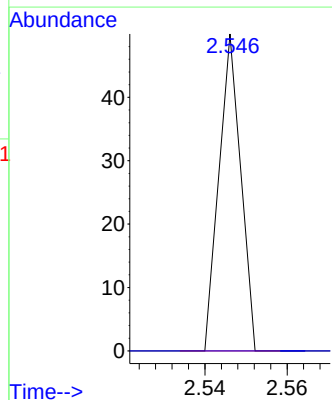
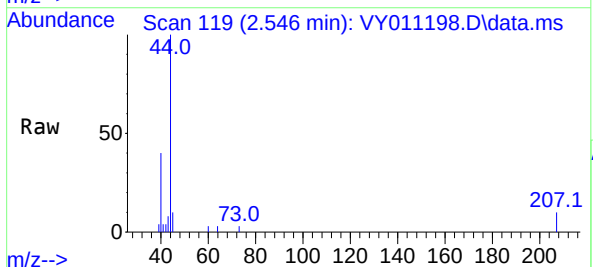
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

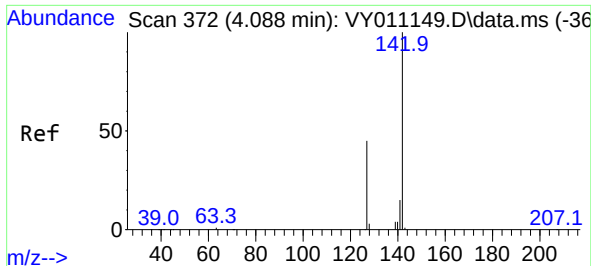
Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 65.3 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.546 min Scan# 119
Delta R.T. -0.250 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

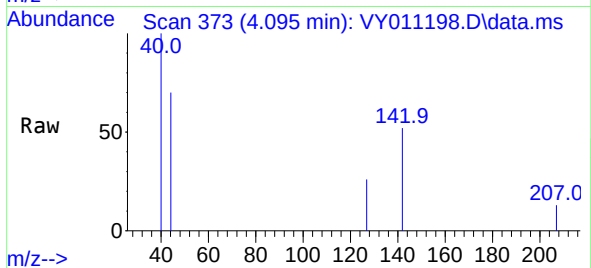
Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



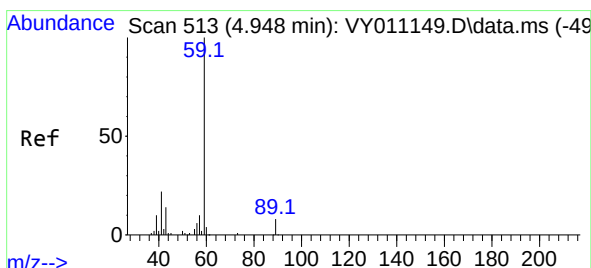
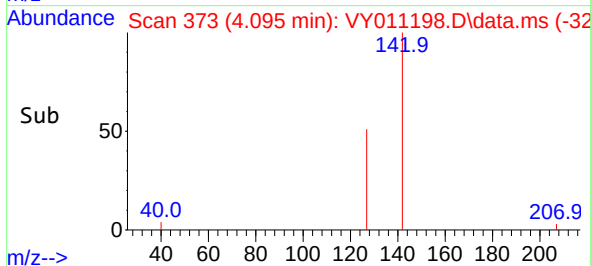
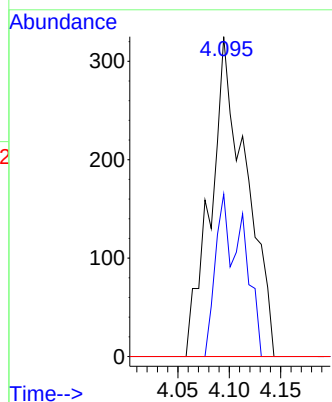


#10
Methyl Iodide
Concen: 3.426 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

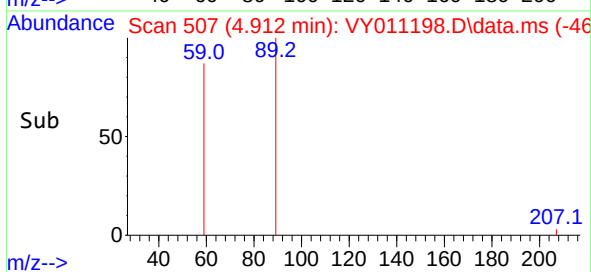
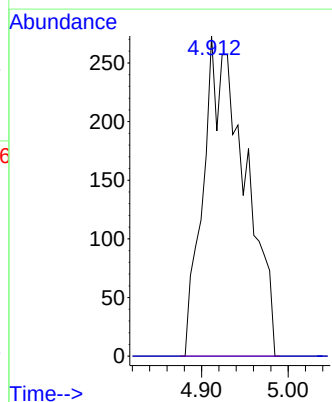
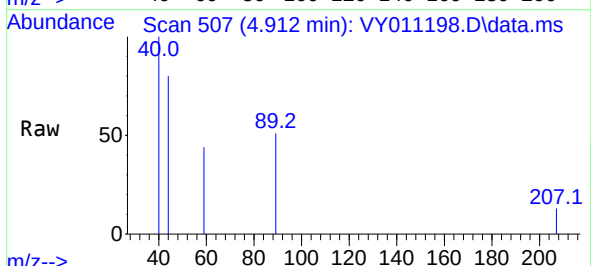


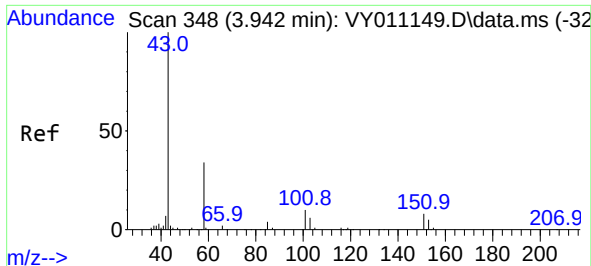
Tgt Ion:142 Resp: 777
Ion Ratio Lower Upper
142 100
127 38.7 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: 35.595 ug/l
RT: 4.912 min Scan# 507
Delta R.T. -0.036 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 59 Resp: 911
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

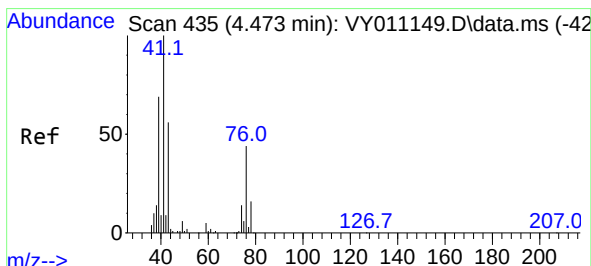
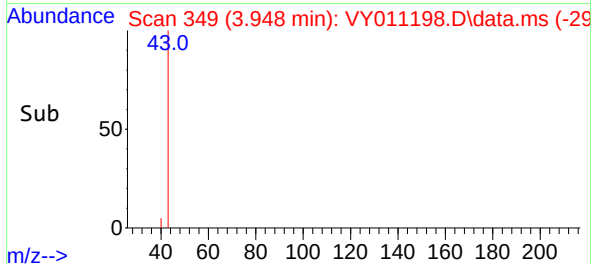
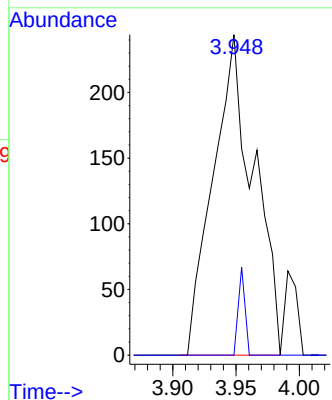
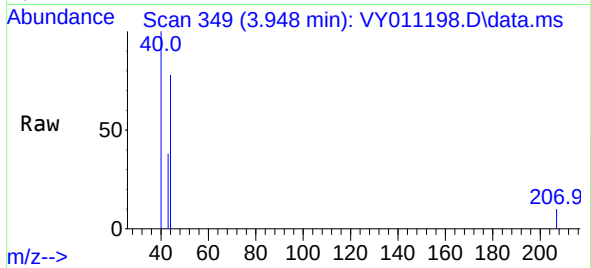




#16
Acetone
Concen: 9.323 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

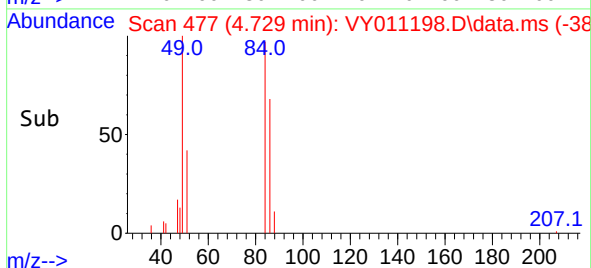
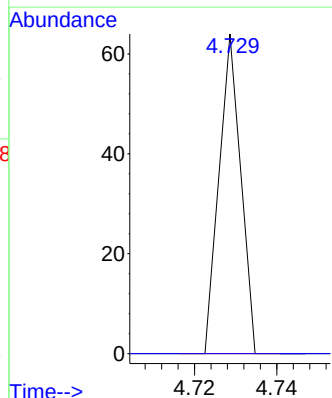
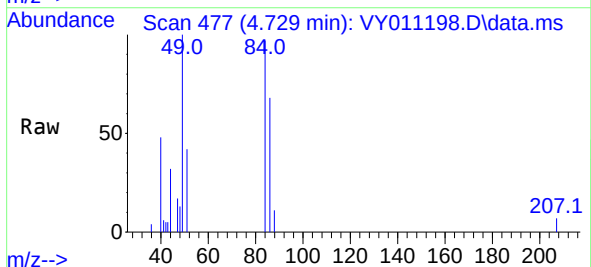
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

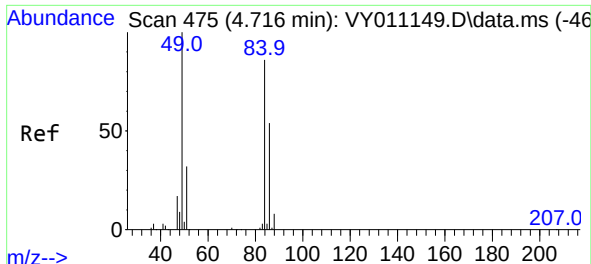
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.256 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

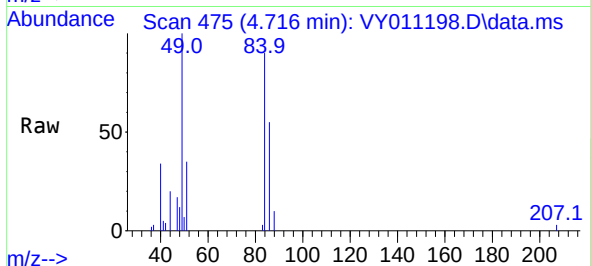
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



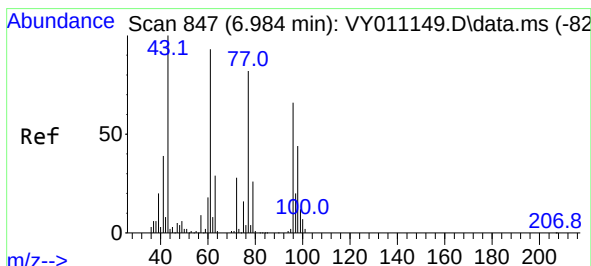
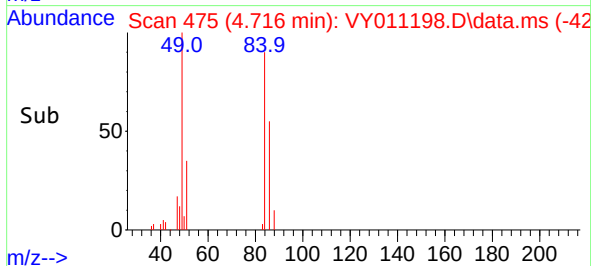
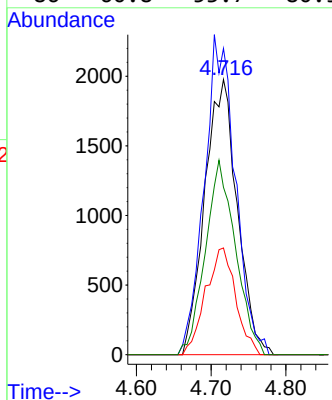


#20
Methylene Chloride
Concen: 20.722 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

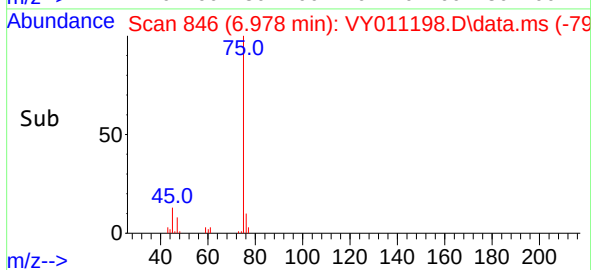
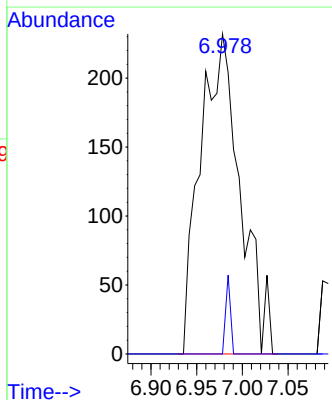
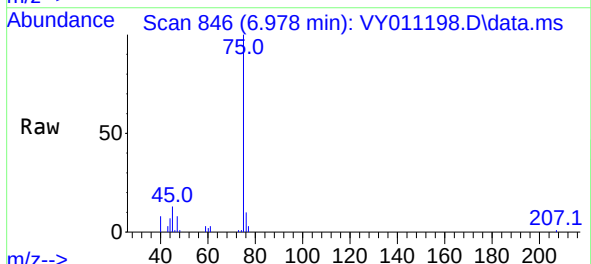


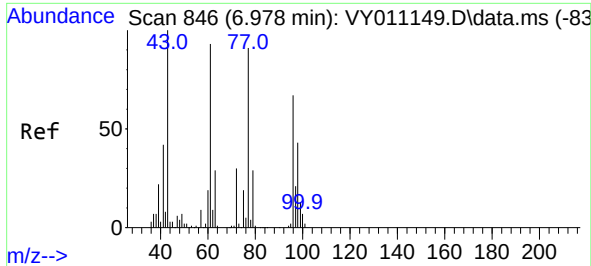
Tgt Ion: 84 Resp: 5976
Ion Ratio Lower Upper
84 100
49 111.3 114.4 171.6#
51 38.8 35.3 52.9
86 60.8 53.7 80.5



#25
2-Butanone
Concen: 8.383 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

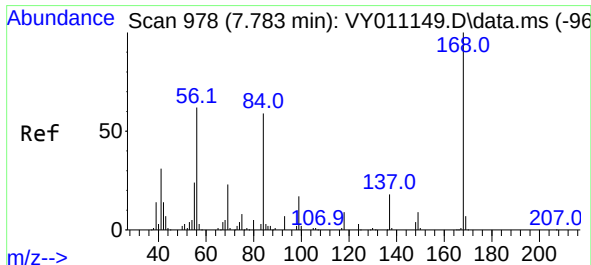
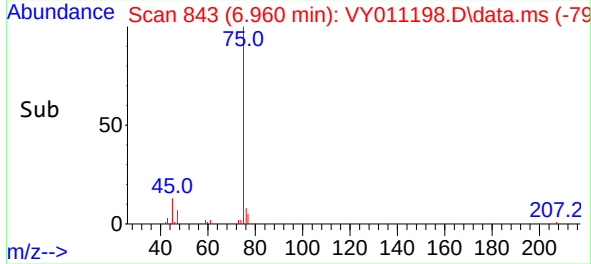
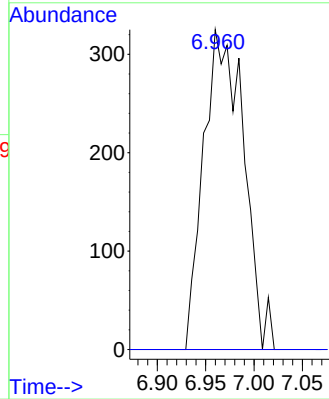
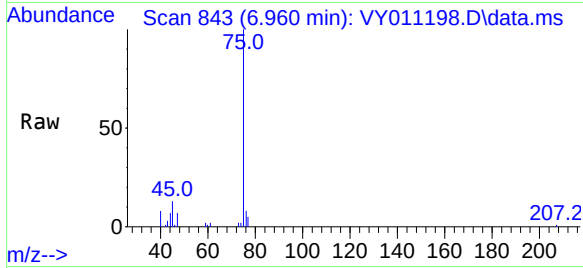




#26
2,2-Dichloropropane
Concen: 2.549 ug/l
RT: 6.960 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

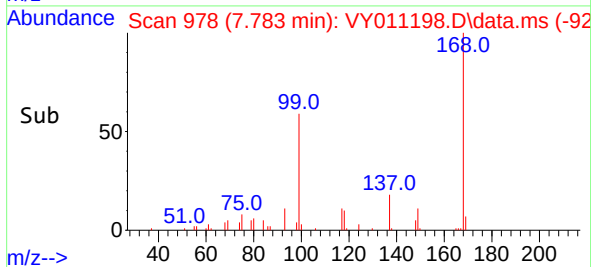
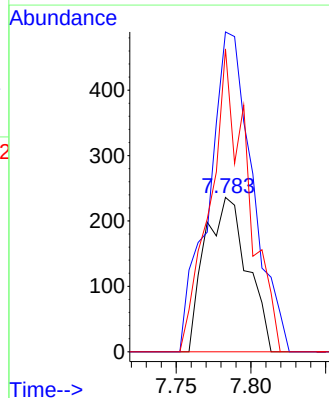
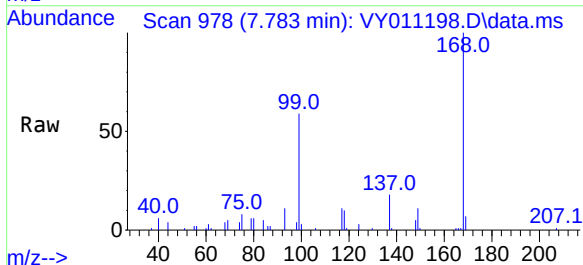
Instrument :
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ROLLOFF-RB21502

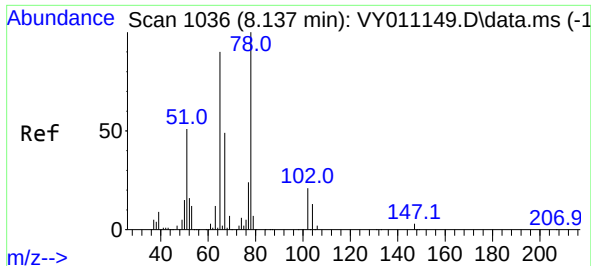
Tgt Ion: 77 Resp: 936
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 56 Resp: 465
Ion Ratio Lower Upper
56 100
69 207.2 26.7 40.1#
84 196.2 67.2 100.8#

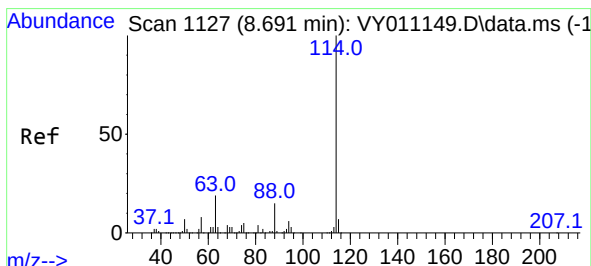
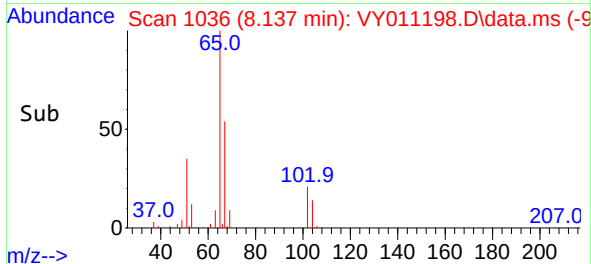
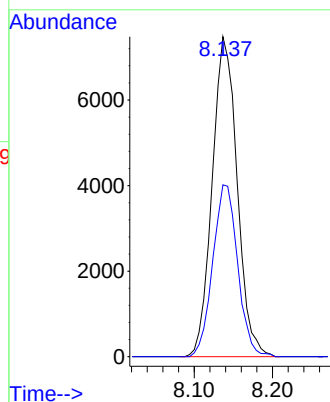
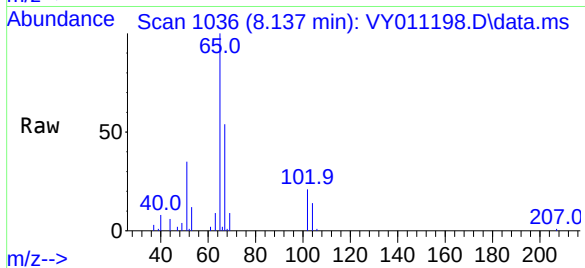




#33
1,2-Dichloroethane-d4
Concen: 68.999 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

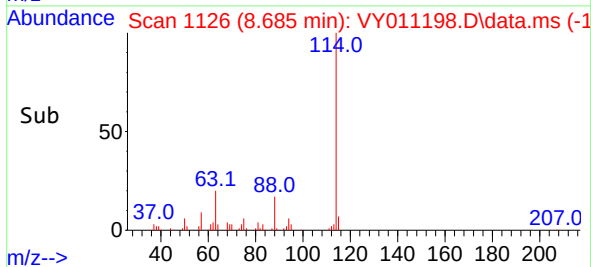
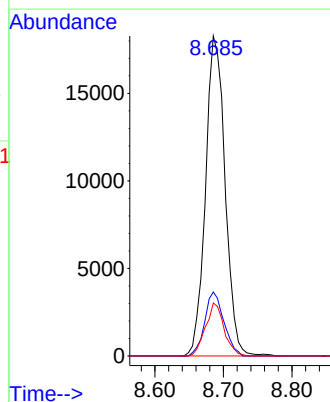
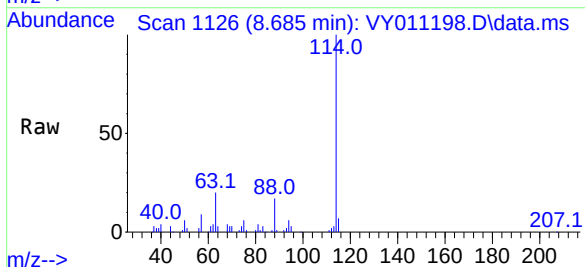
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

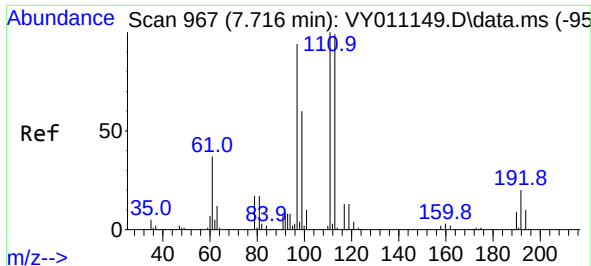
Tgt Ion: 65 Resp: 16546
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 114 Resp: 36311
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 16.5 0.0 31.8

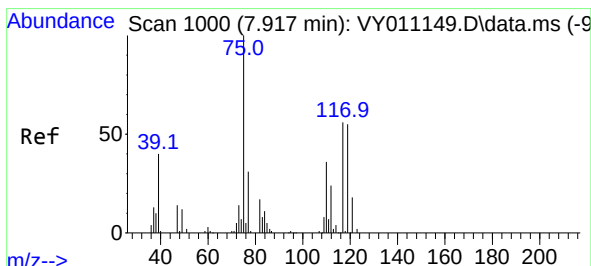
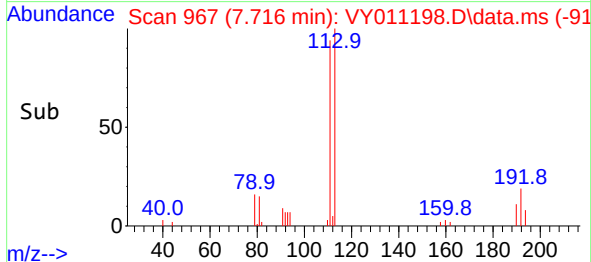
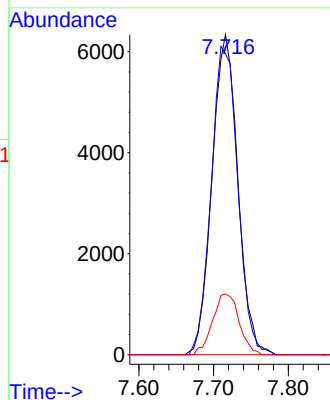
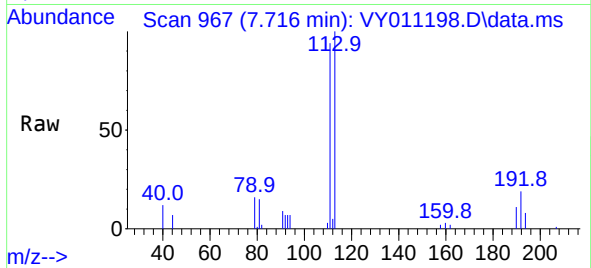




#35
Dibromofluoromethane
Concen: 67.927 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

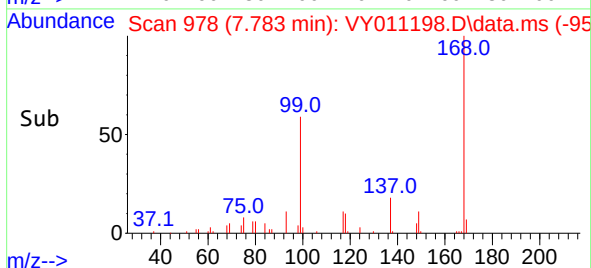
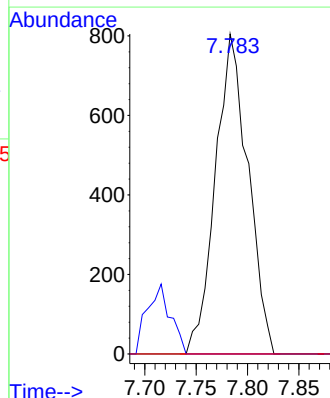
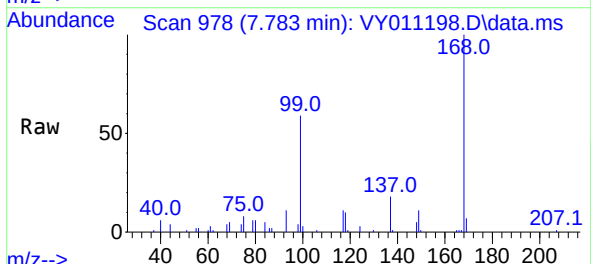
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

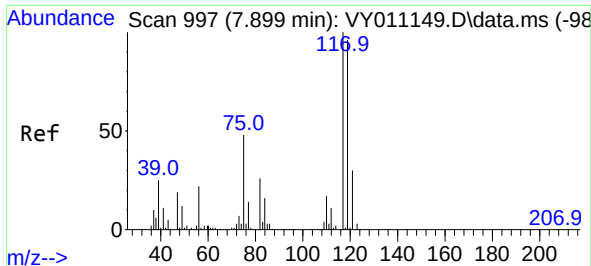
Tgt Ion:113 Resp: 15168
Ion Ratio Lower Upper
113 100
111 99.7 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

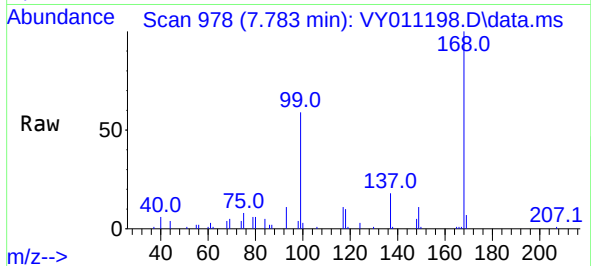
Tgt Ion: 75 Resp: 1777
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



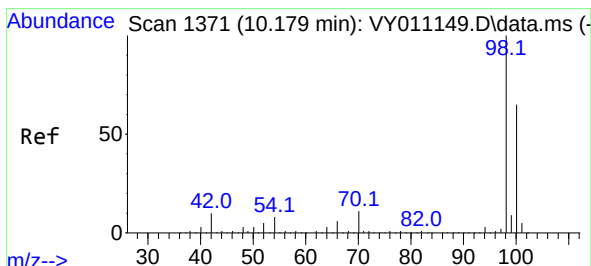
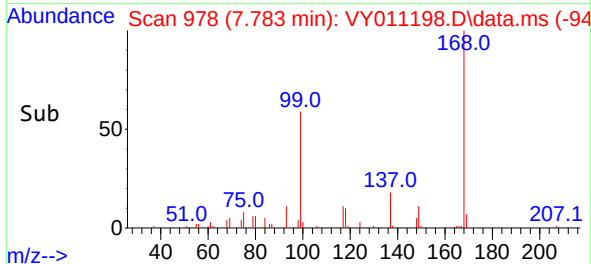
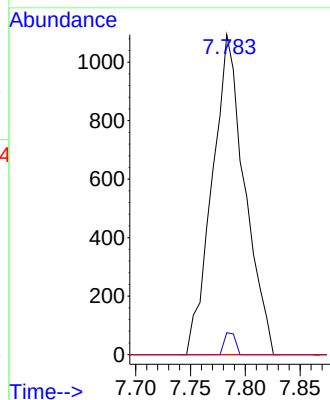


#38
Carbon Tetrachloride
Concen: 7.121 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

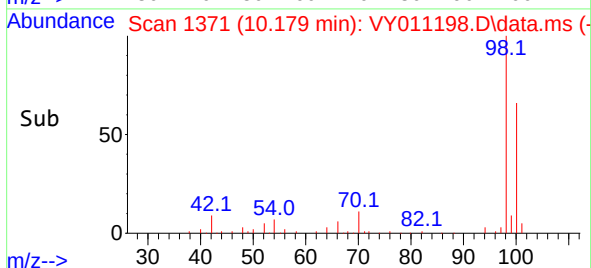
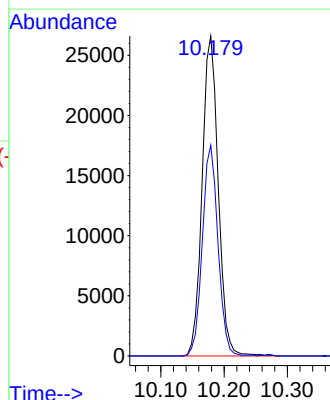
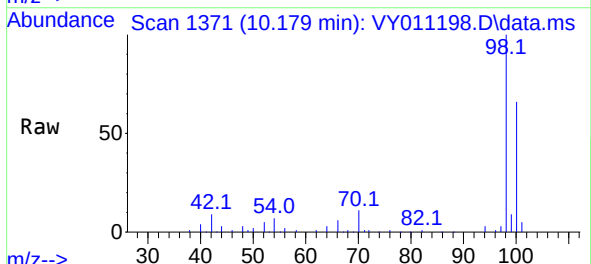


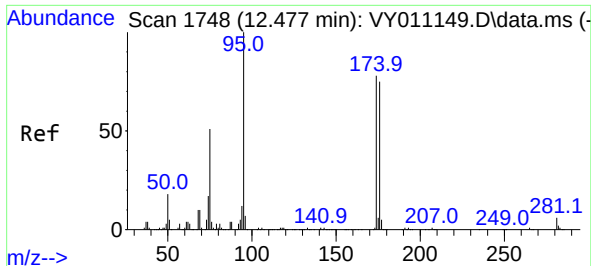
Tgt Ion:117 Resp: 2258
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.322 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 98 Resp: 47171
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

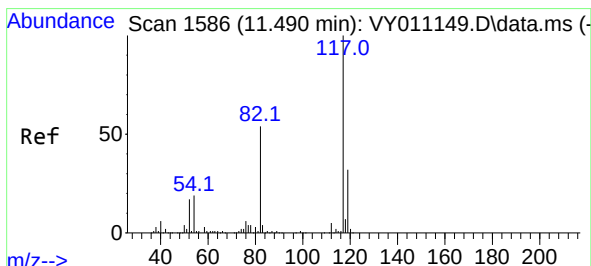
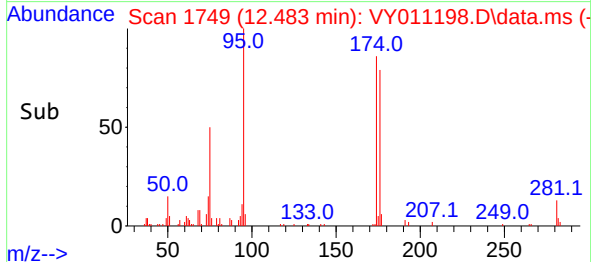
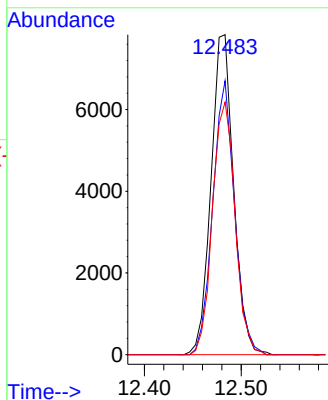
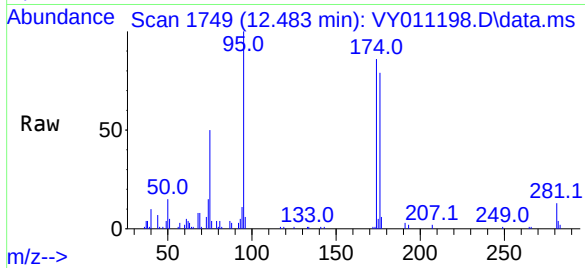




#62
4-Bromofluorobenzene
Concen: 43.909 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

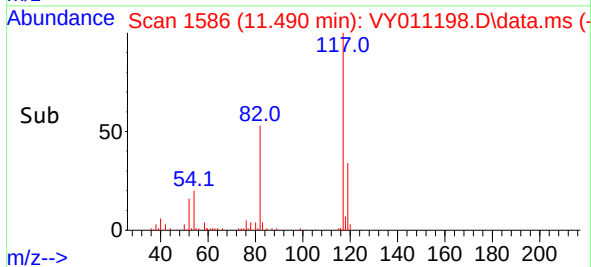
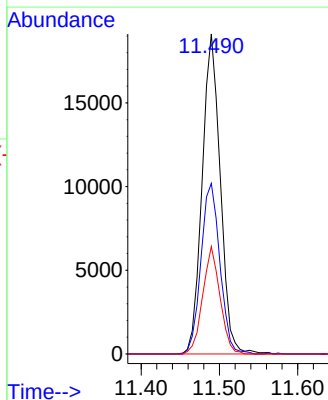
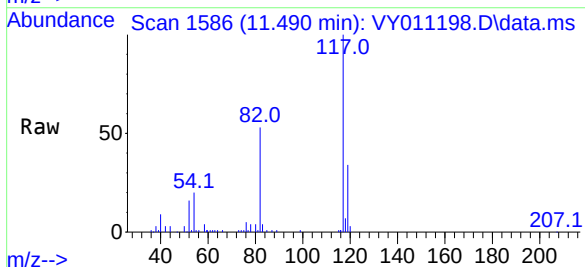
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

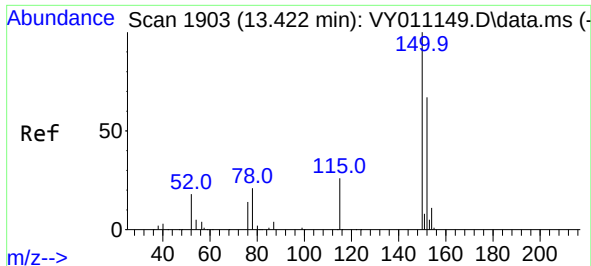
Tgt Ion: 95 Resp: 12710
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

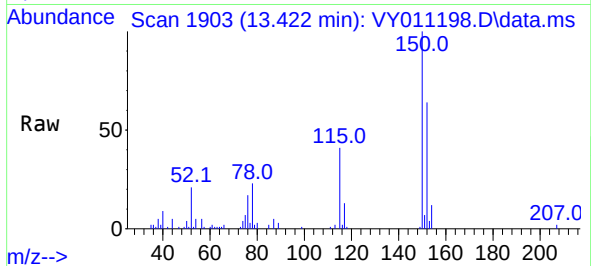
Tgt Ion:117 Resp: 30744
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 33.6 25.4 38.0



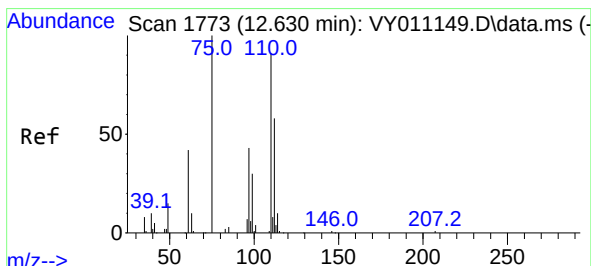
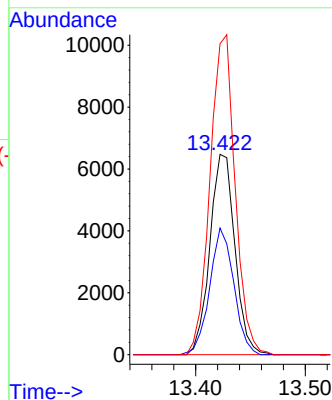
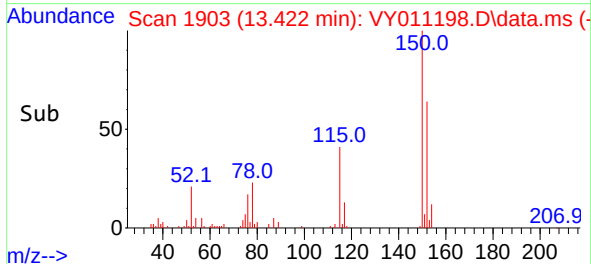


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011198.D
 Acq: 31 Oct 2022 15:41

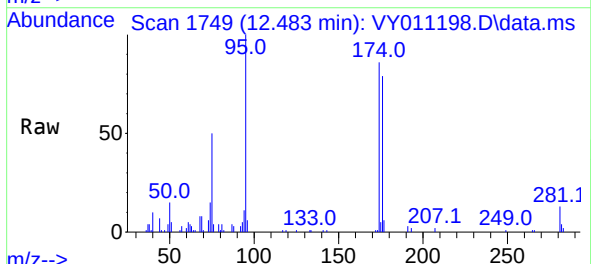
Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLLOFF-RB21502



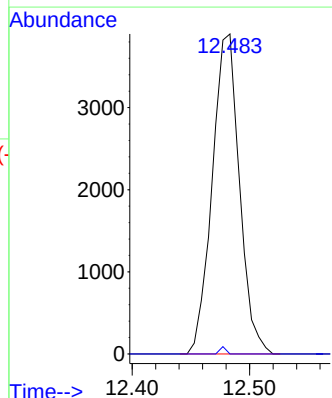
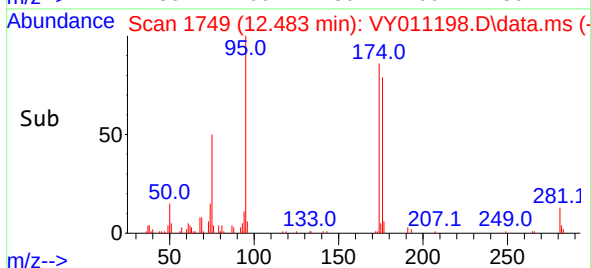
Tgt Ion:152 Resp: 10288
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.2 84.7
 150 159.7 0.0 347.6

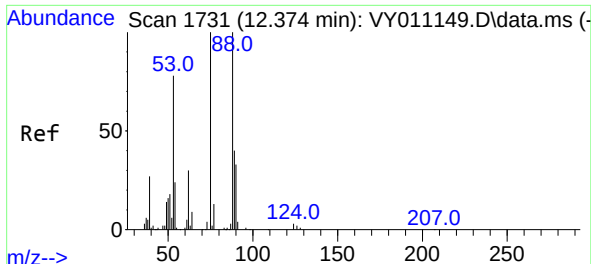


#76
 1,2,3-Trichloropropane
 Concen: 58.703 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011198.D
 Acq: 31 Oct 2022 15:41



Tgt Ion: 75 Resp: 6279
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

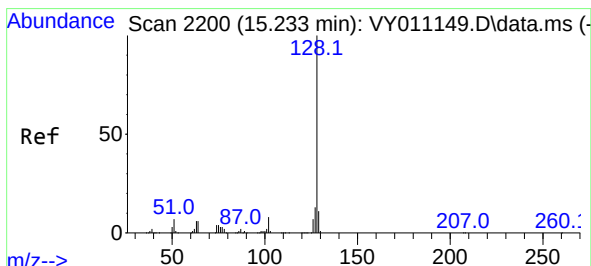
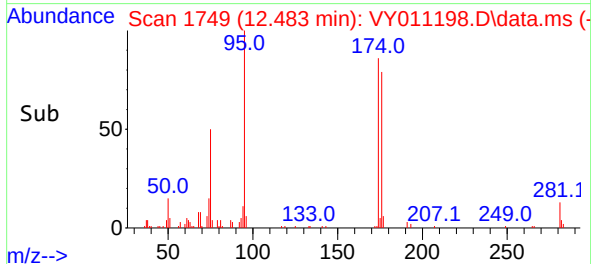
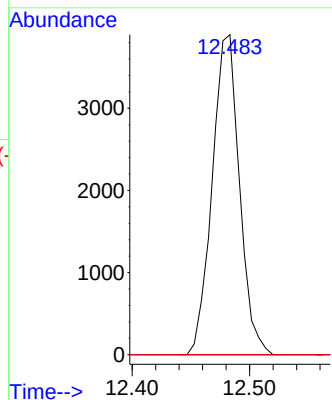
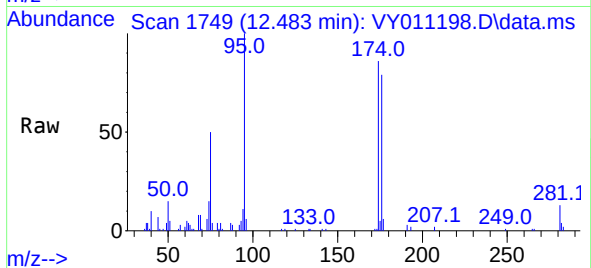




#81
trans-1,4-Dichloro-2-butene
Concen: 124.667 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

Tgt Ion: 75 Resp: 6279
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 5.202 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 128 Resp: 343
Ion Ratio Lower Upper
128 100
127 6.4 11.0 16.4#
129 0.0 8.4 12.6#

