

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013291.D
 Acq On : 13 Apr 2023 13:21
 Operator : KP/MD
 Sample : 02284-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-041123

Quant Time: Apr 14 02:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

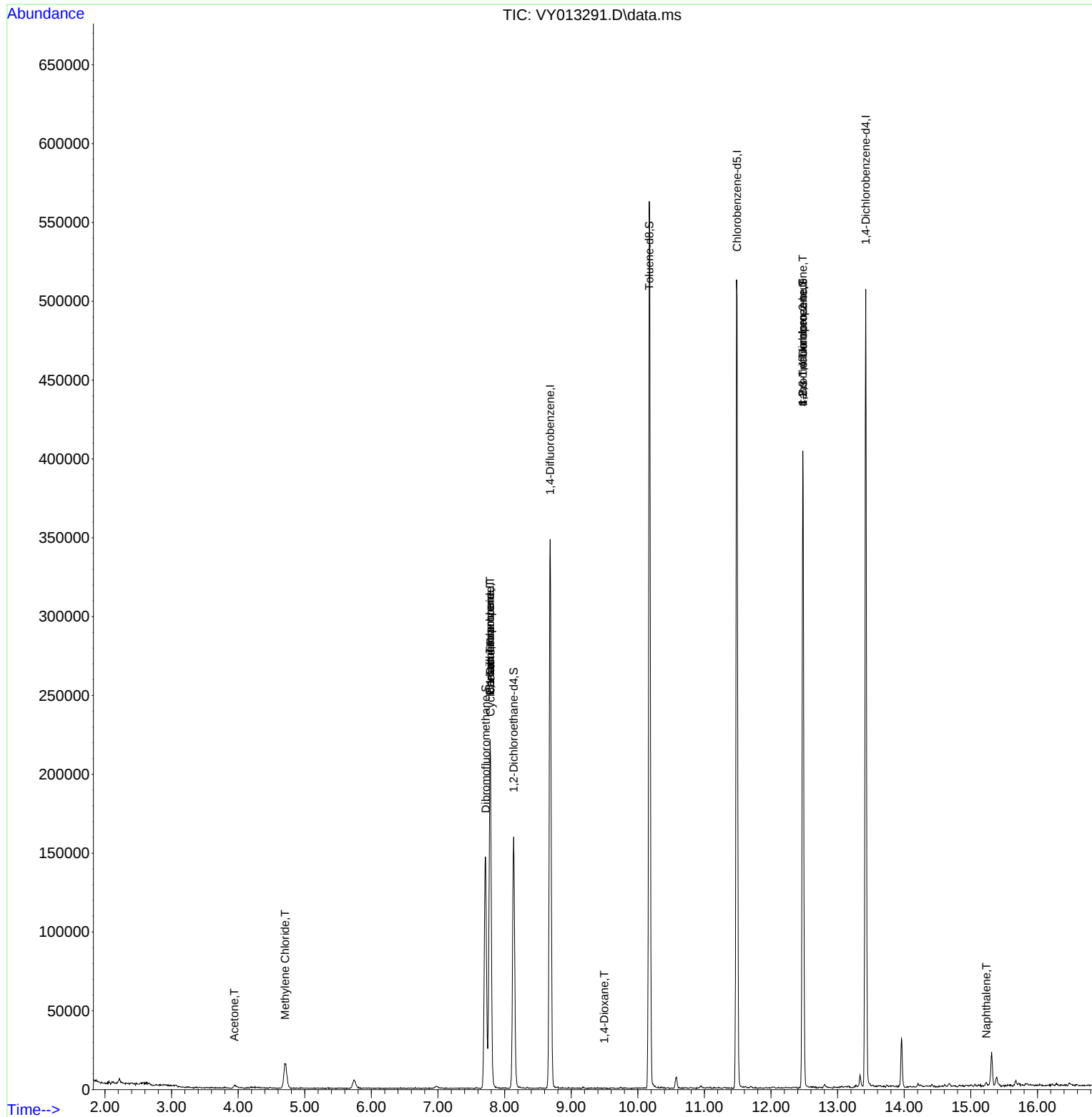
Internal Standards						
1) Pentafluorobenzene	7.783	168	167598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123084	61.110	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.220%			
35) Dibromofluoromethane	7.716	113	101616	54.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.600%			
50) Toluene-d8	10.173	98	357554	51.332	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.477	95	109922	48.570	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.140%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	80	Below Cal	#	74
16) Acetone	3.942	43	3792	5.476	ug/l #	87
20) Methylene Chloride	4.704	84	11167	2.004	ug/l	96
31) Cyclohexane	7.789	56	4371	1.435	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	13620	4.804	ug/l #	48
38) Carbon Tetrachloride	7.783	117	16127	5.145	ug/l #	16
49) 1,4-Dioxane	9.496	88	38	2.188	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	60425	40.072	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60425	83.169	ug/l #	13
95) Naphthalene	15.233	128	2292	3.608	ug/l #	88

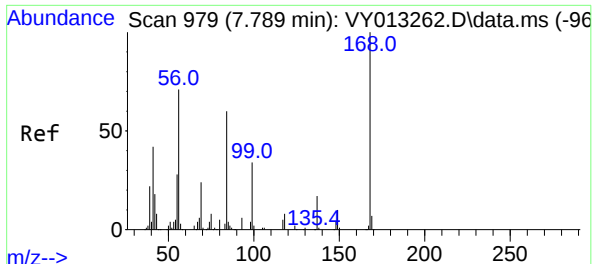
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
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ClientSampleId :
OR-2-041123

Quant Time: Apr 14 02:59:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

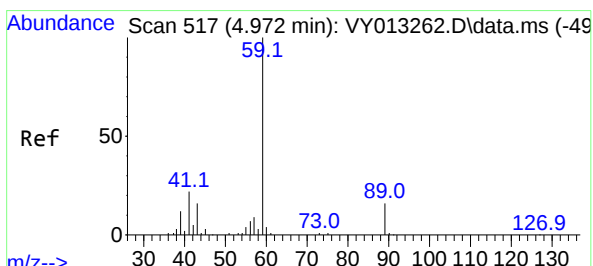
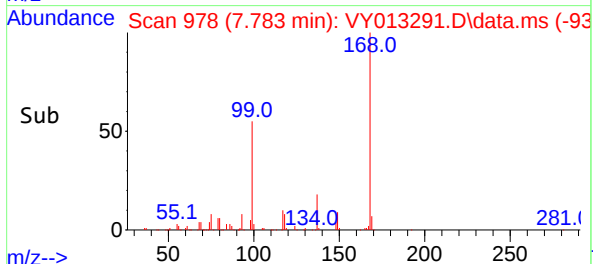
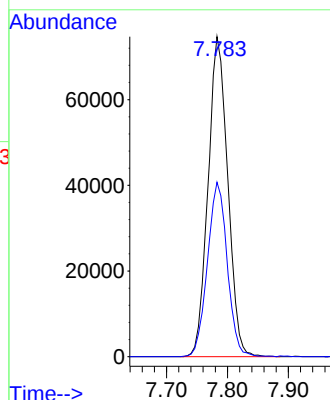
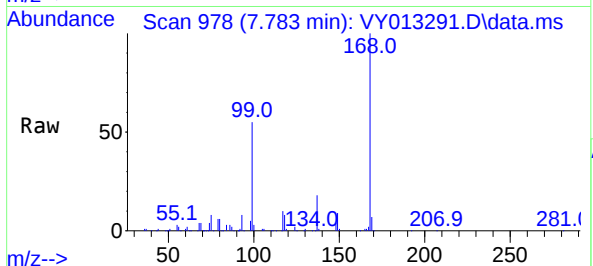




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

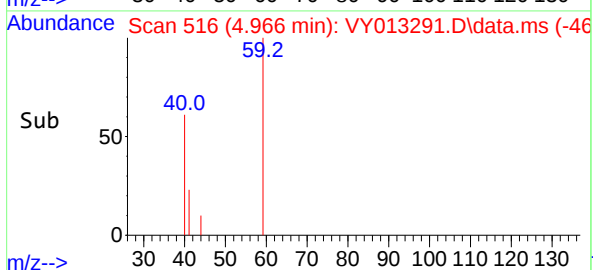
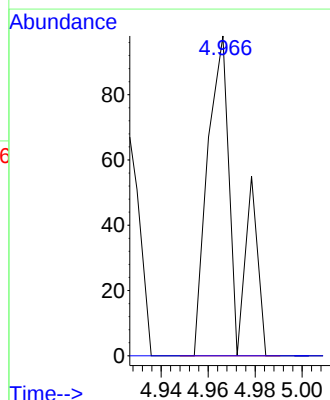
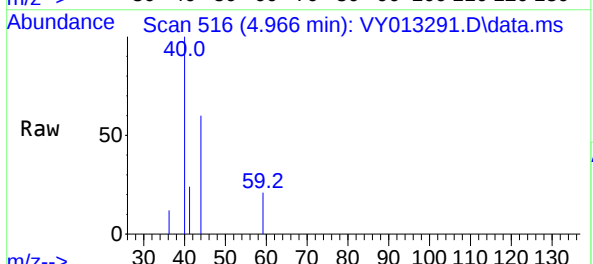
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

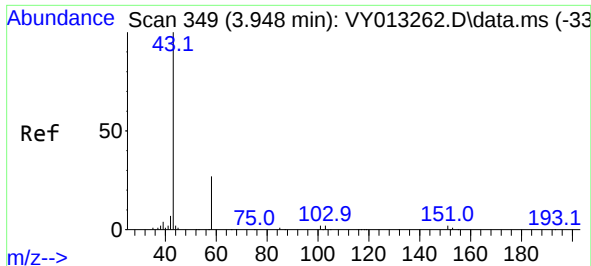
Tgt Ion:168 Resp: 167598
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

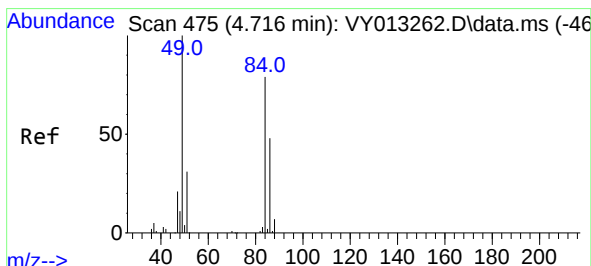
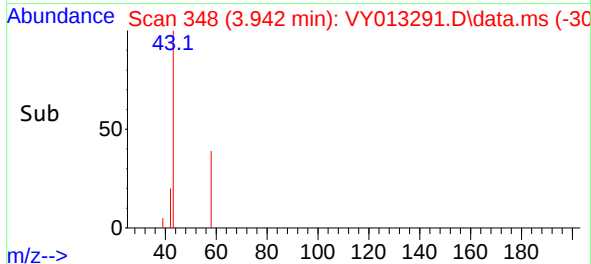
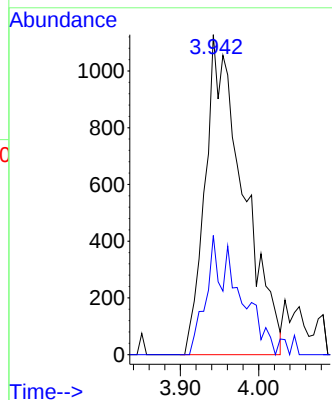
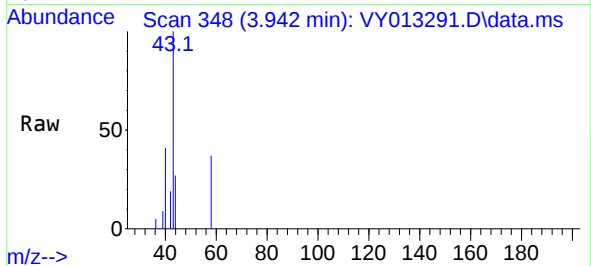




#16
Acetone
Concen: 5.476 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

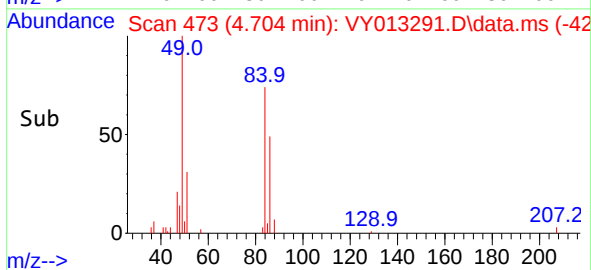
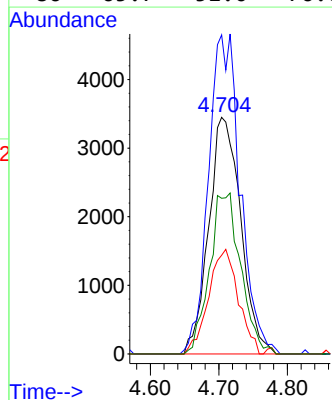
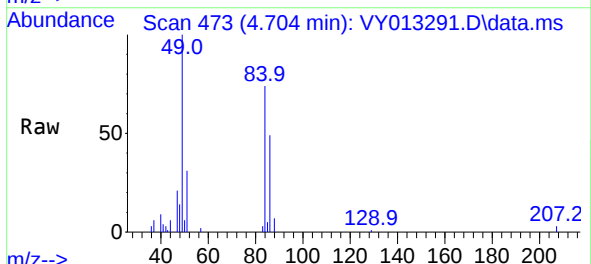
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

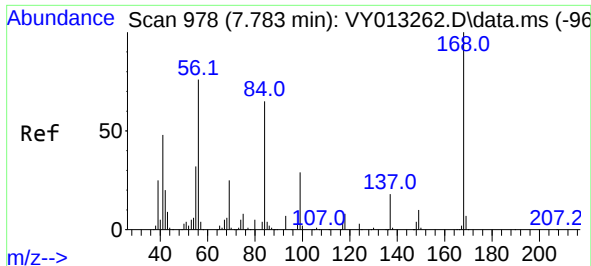
Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
58 37.2 24.2 36.2#



#20
Methylene Chloride
Concen: 2.004 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

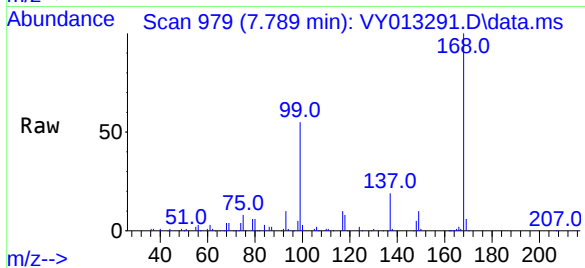
Tgt Ion: 84 Resp: 11167
Ion Ratio Lower Upper
84 100
49 134.8 102.6 154.0
51 41.7 31.9 47.9
86 65.7 51.0 76.6



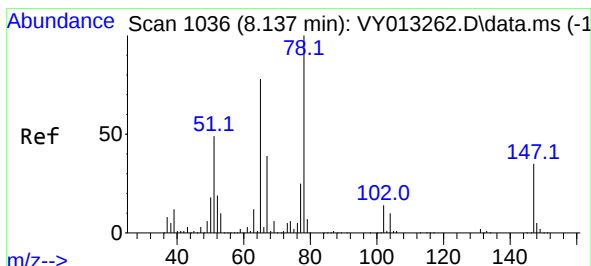
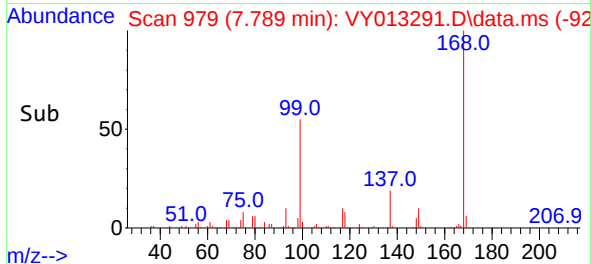
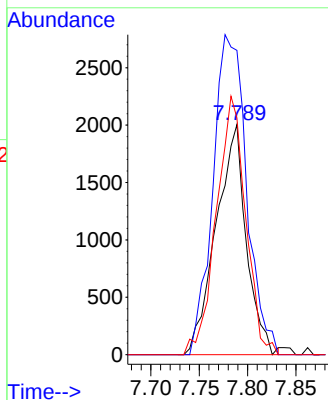


#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

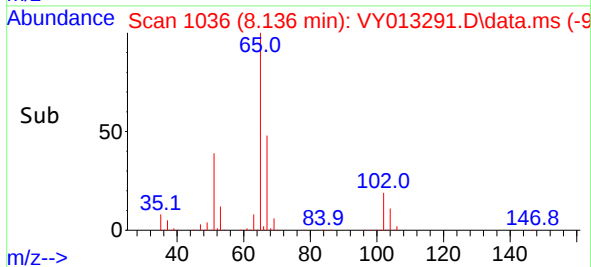
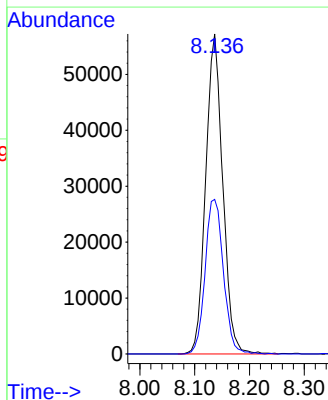
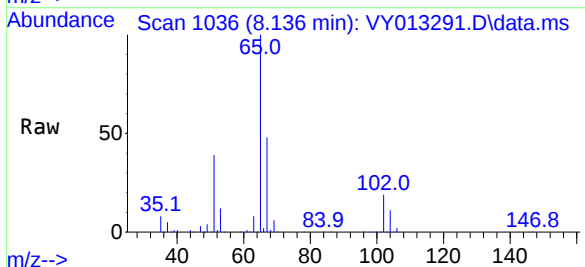


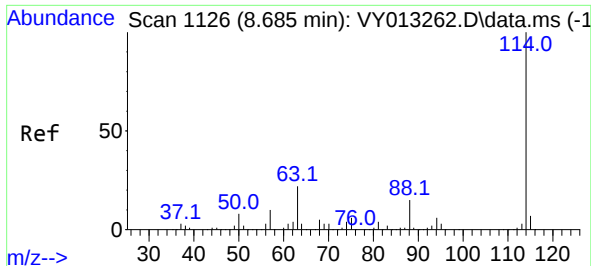
Tgt Ion: 56 Resp: 4371
Ion Ratio Lower Upper
56 100
69 132.2 25.7 38.5#
84 102.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 61.110 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 65 Resp: 123084
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

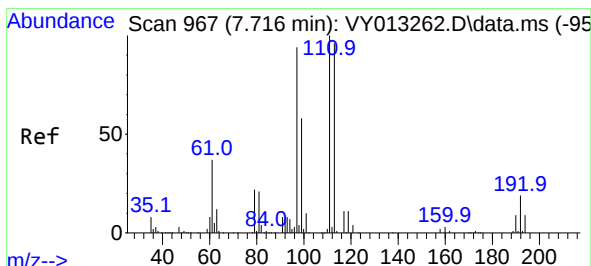
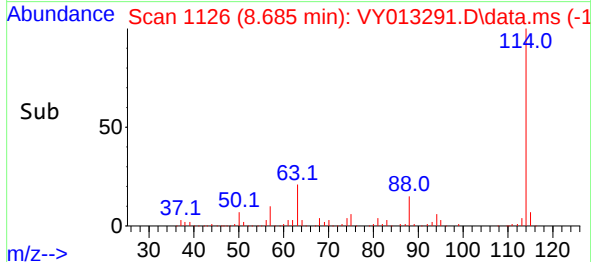
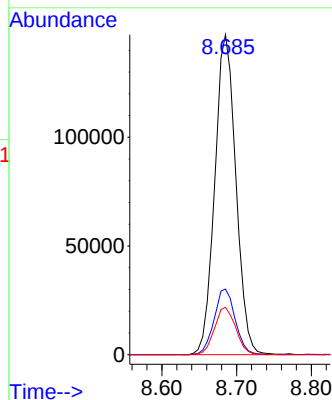
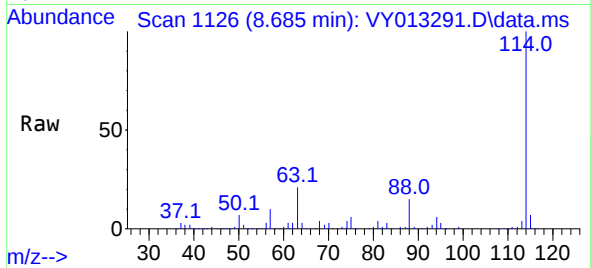




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

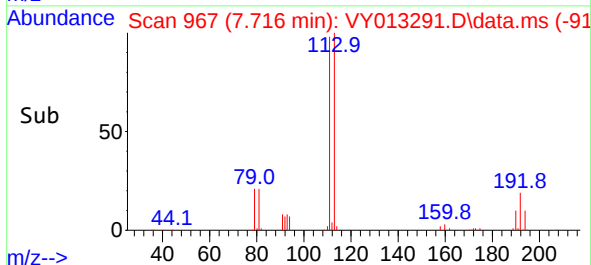
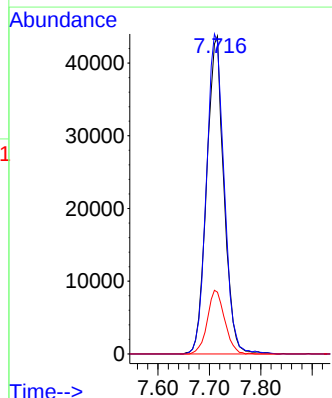
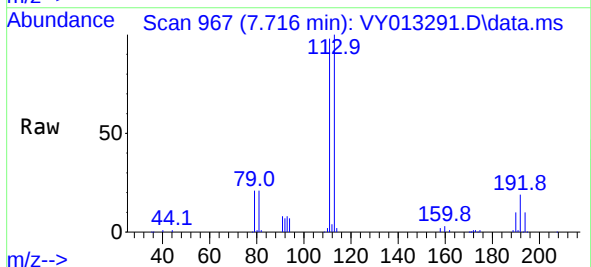
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

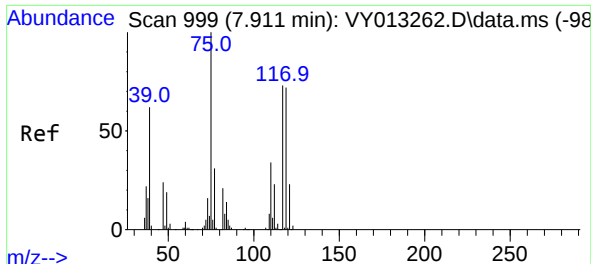
Tgt Ion:114 Resp: 289059
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 14.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 54.301 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion:113 Resp: 101616
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.804 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013291.D

Acq: 13 Apr 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-041123

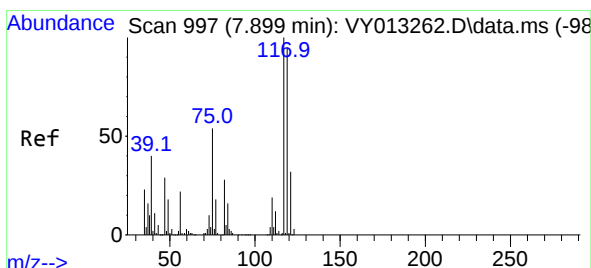
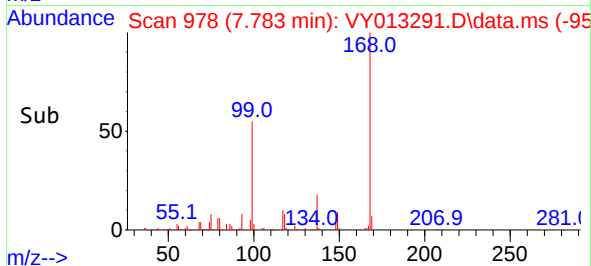
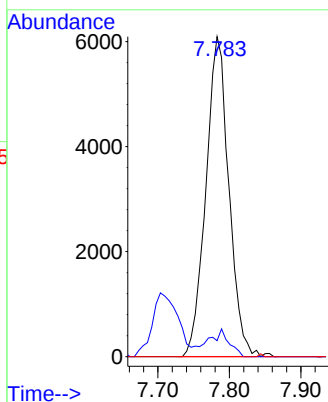
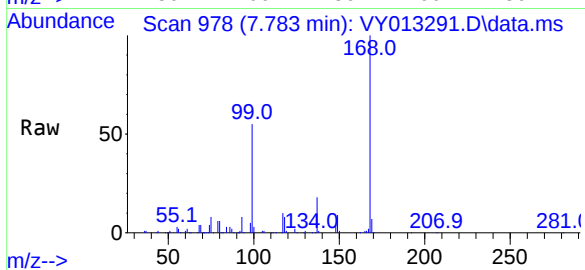
Tgt Ion: 75 Resp: 13620

Ion Ratio Lower Upper

75 100

110 7.1 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.145 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013291.D

Acq: 13 Apr 2023 13:21

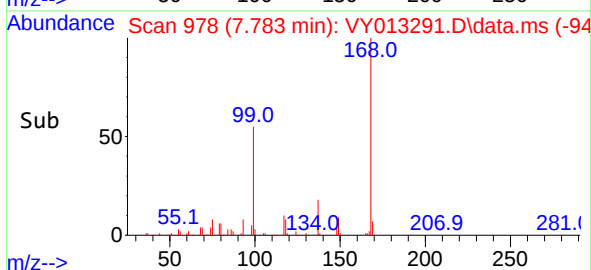
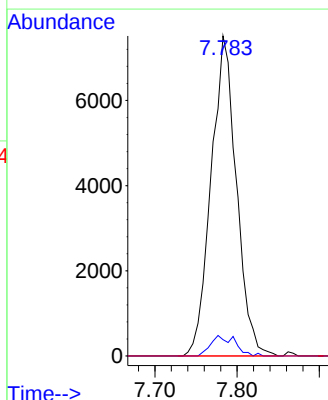
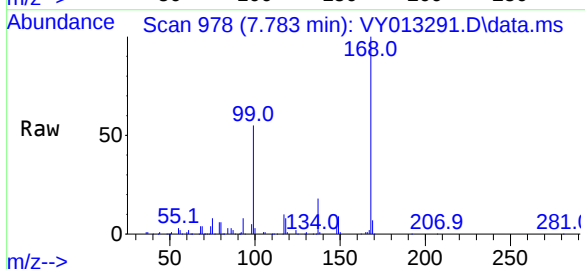
Tgt Ion: 117 Resp: 16127

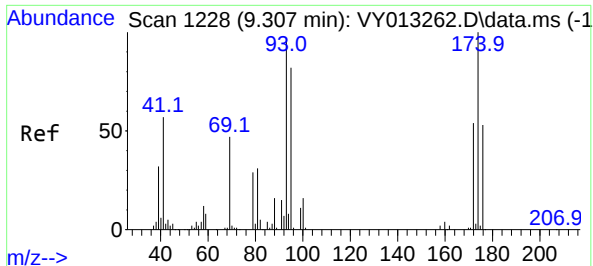
Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

121 0.0 24.7 37.1#

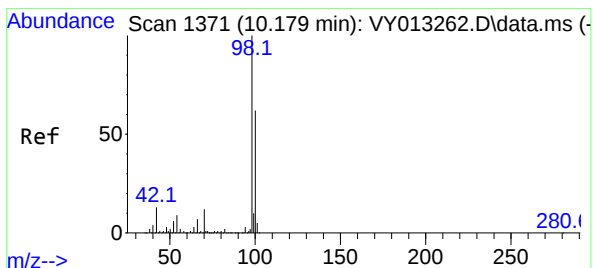
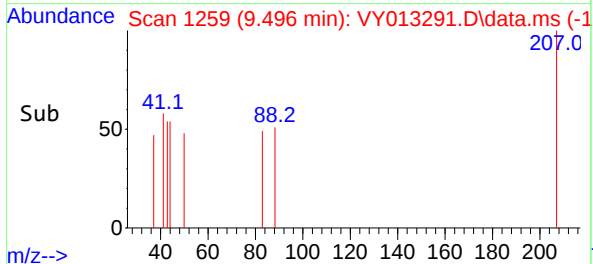
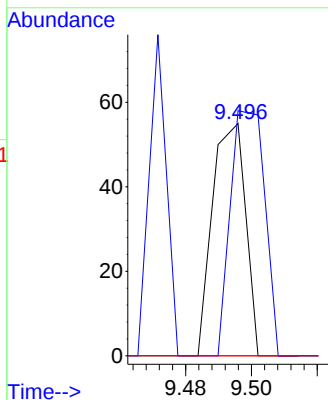
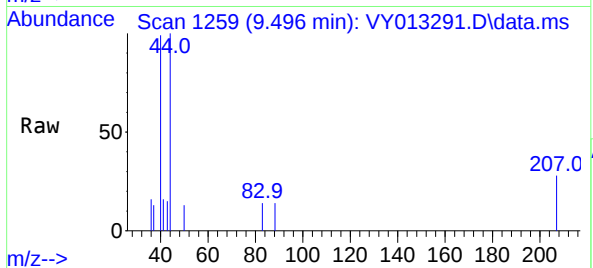




#49
1,4-Dioxane
Concen: 2.188 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.189 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

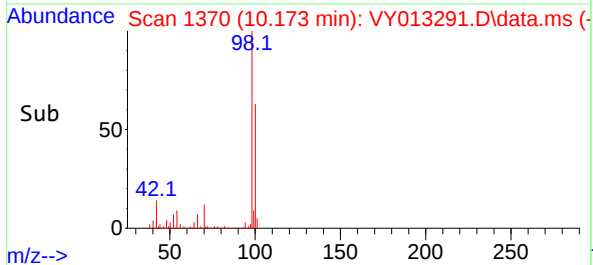
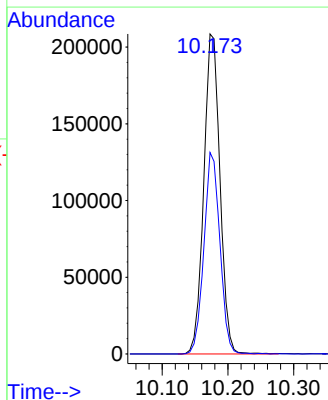
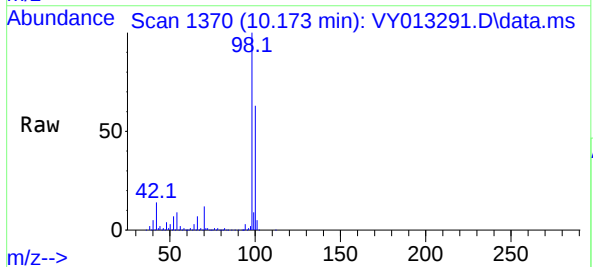
Instrument :
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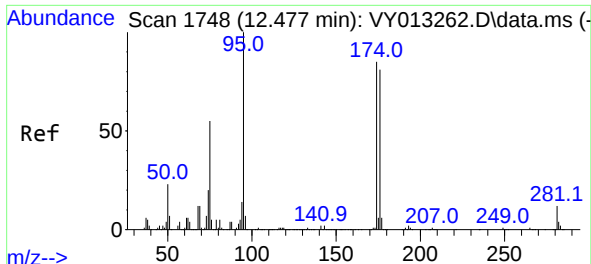
Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 110.5 28.6 42.8#
58 0.0 55.2 82.8#



#50
Toluene-d8
Concen: 51.332 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 98 Resp: 357554
Ion Ratio Lower Upper
98 100
100 61.9 50.9 76.3

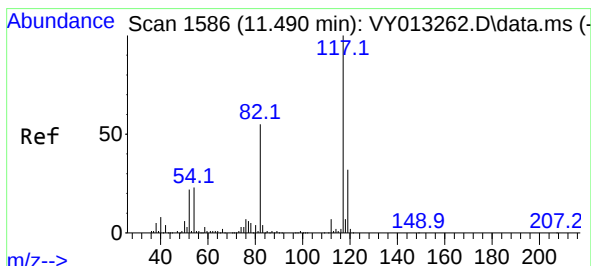
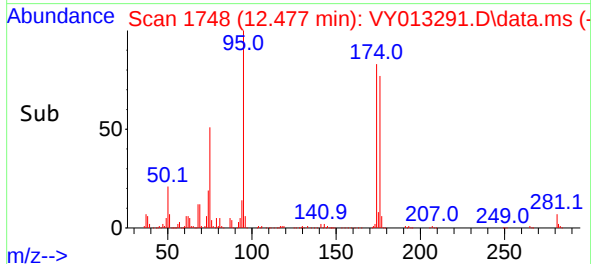
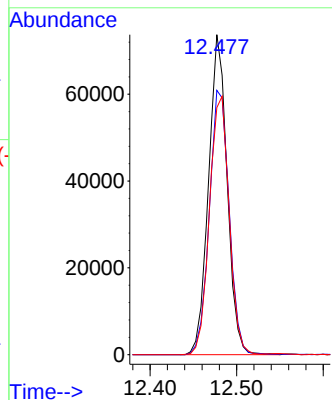
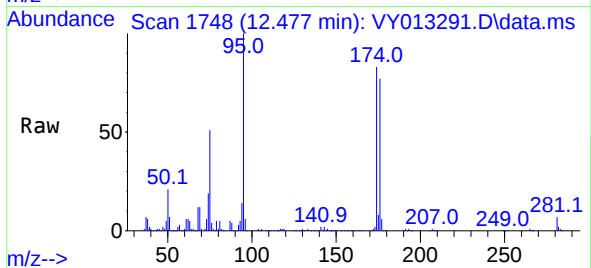




#62
4-Bromofluorobenzene
Concen: 48.570 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

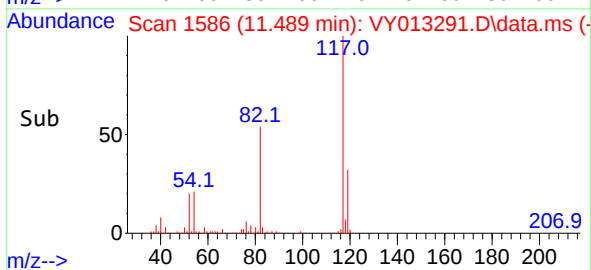
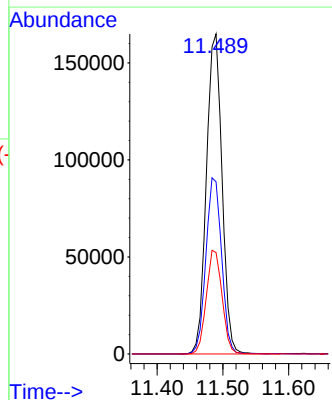
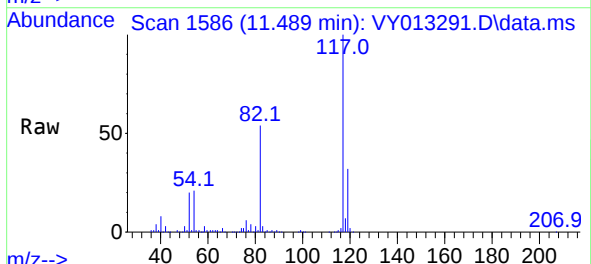
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

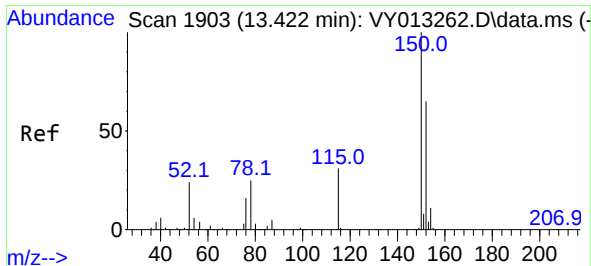
Tgt Ion: 95 Resp: 109922
Ion Ratio Lower Upper
95 100
174 88.1 0.0 176.6
176 85.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 117 Resp: 273012
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.0
119 31.7 25.6 38.4

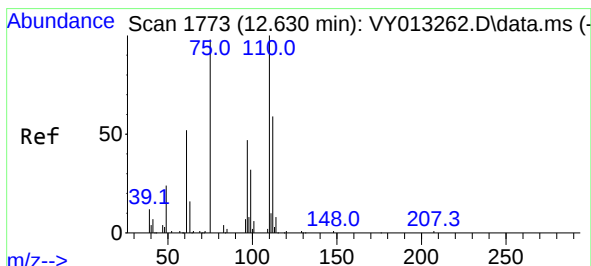
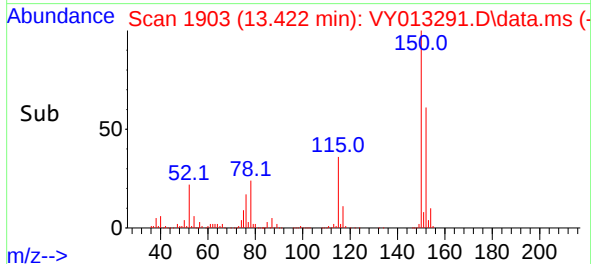
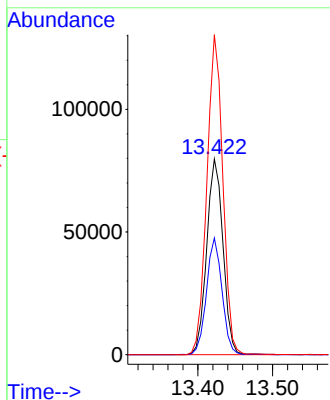
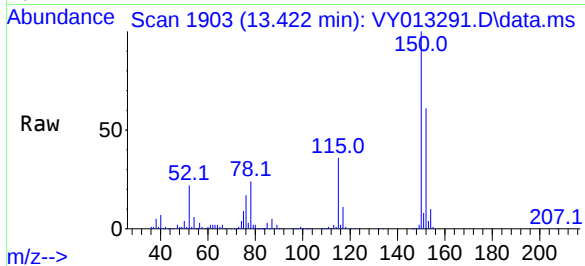




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

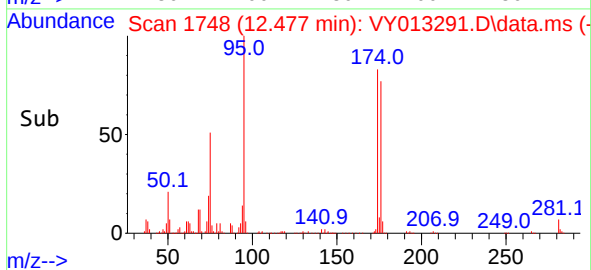
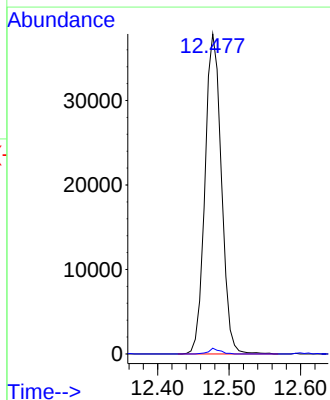
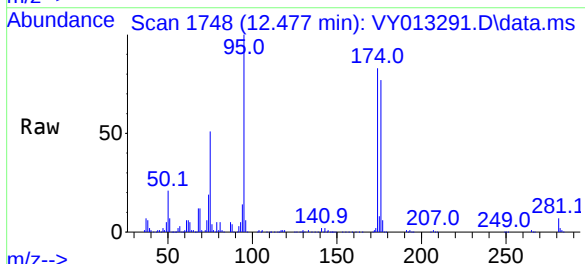
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

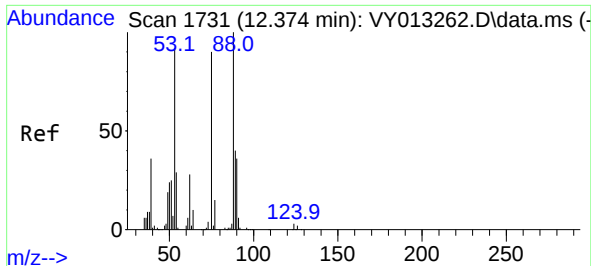
Tgt Ion:152 Resp: 121013
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 159.8 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 40.072 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 75 Resp: 60425
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

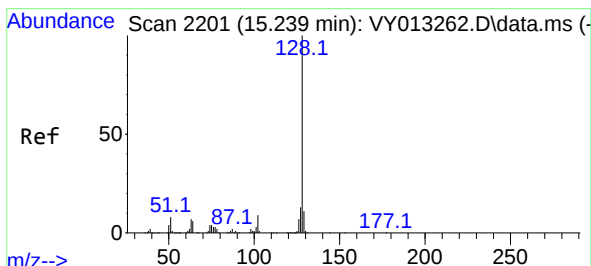
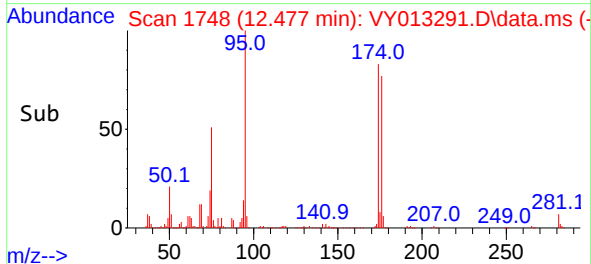
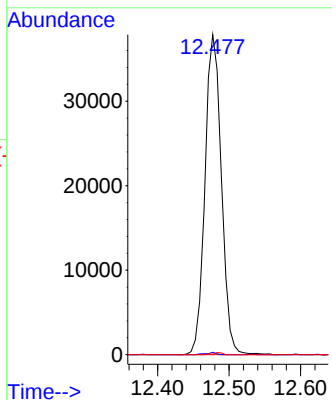
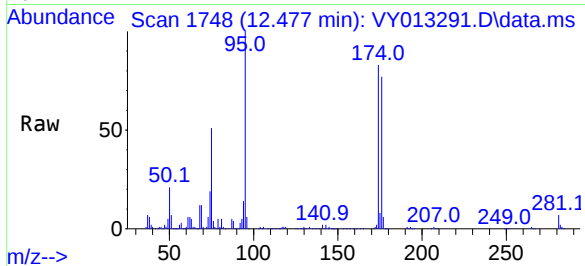




#81
trans-1,4-Dichloro-2-butene
Concen: 83.169 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

Tgt Ion: 75 Resp: 60425
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.4 36.6 55.0#



#95
Naphthalene
Concen: 3.608 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion:128 Resp: 2292
Ion Ratio Lower Upper
128 100
127 7.7 10.3 15.5#
129 6.6 8.6 13.0#

