

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013369.D
 Acq On : 20 Apr 2023 15:37
 Operator : KP/MD
 Sample : 02371-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:15:15 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	7.789	168	160243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73378	38.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.200%
35) Dibromofluoromethane	7.716	113	62982	59.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.800%
50) Toluene-d8	10.179	98	201196	51.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.477	95	59726	46.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.940%

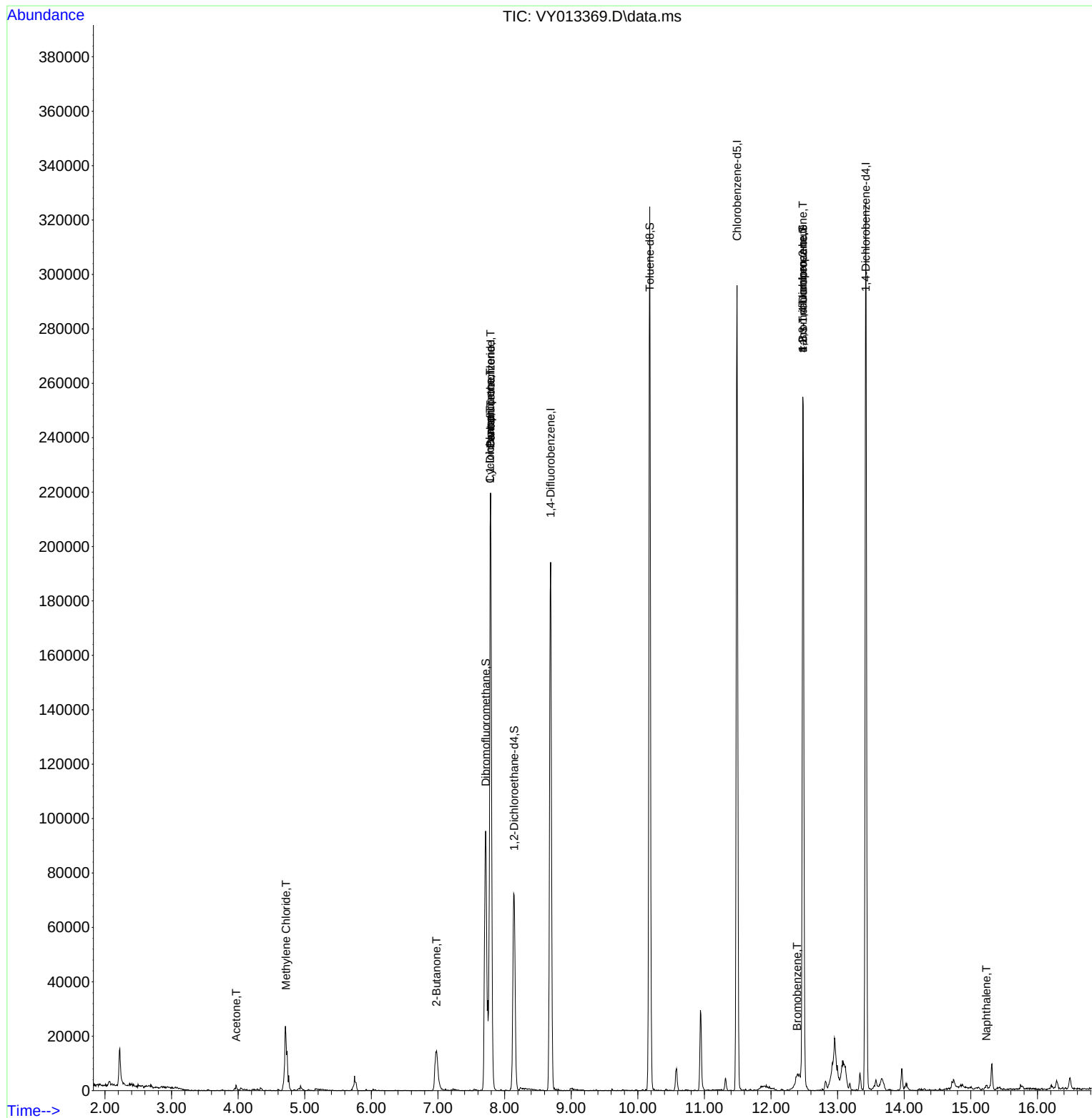
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	1397	Below Cal	#	74
16) Acetone	3.972	43	2646	3.996	ug/l	94
20) Methylene Chloride	4.716	84	15185	4.822	ug/l	# 84
25) 2-Butanone	6.978	43	1055	1.244	ug/l	# 49
31) Cyclohexane	7.783	56	2951	1.013	ug/l	# 28
36) 1,1-Dichloropropene	7.783	75	10684	6.707	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	15341	8.710	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	40204	38.443	ug/l	# 100
77) Bromobenzene	12.392	156	4975	3.456	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.477	75	40204	79.787	ug/l	# 13
95) Naphthalene	15.233	128	1663	3.627	ug/l	# 91

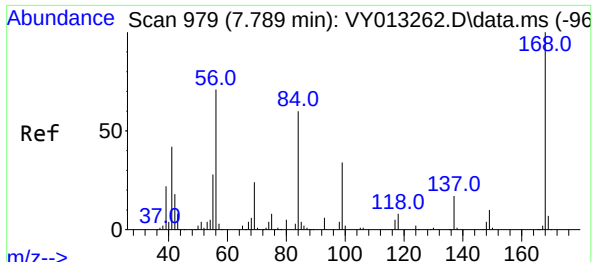
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
ClientSampleId :

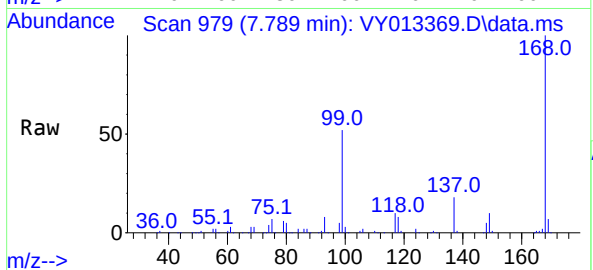
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



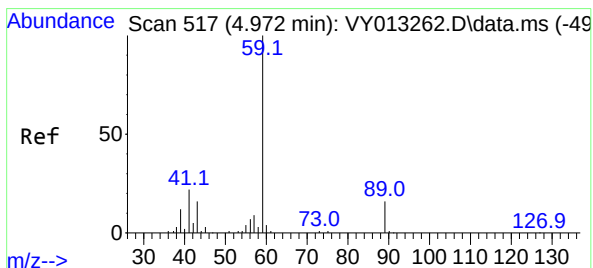
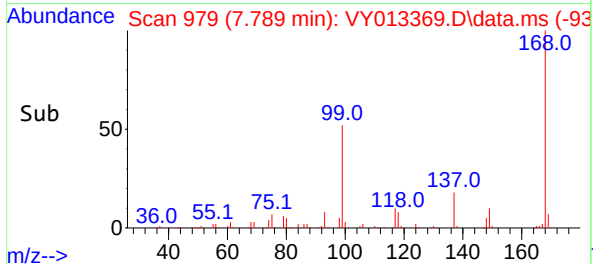
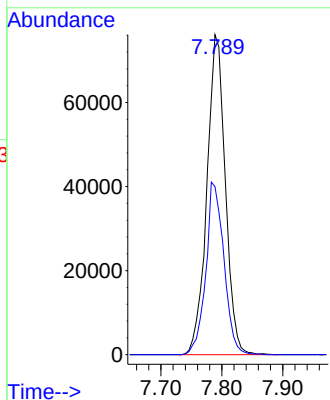


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :

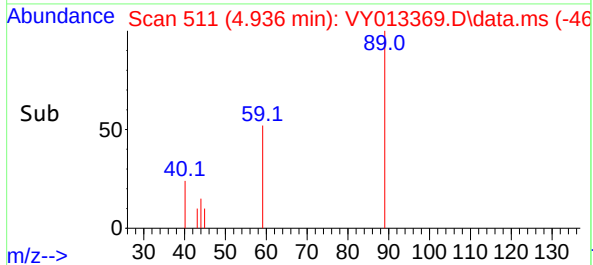
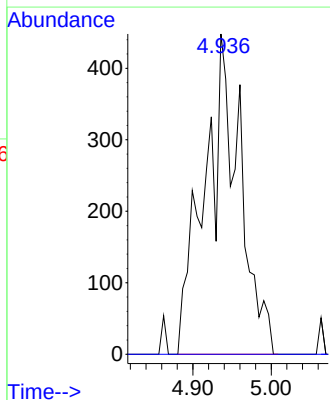
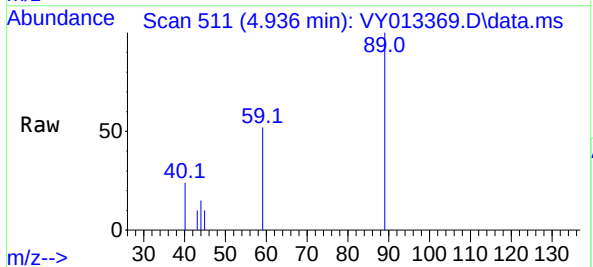


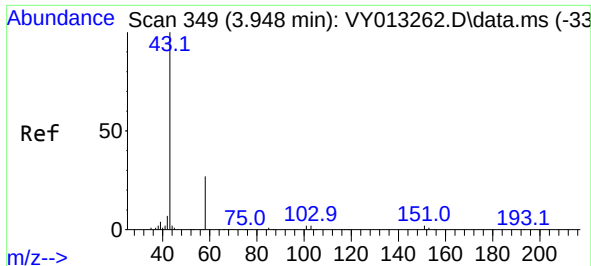
Tgt Ion:168 Resp: 160243
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Tgt Ion: 59 Resp: 1397
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

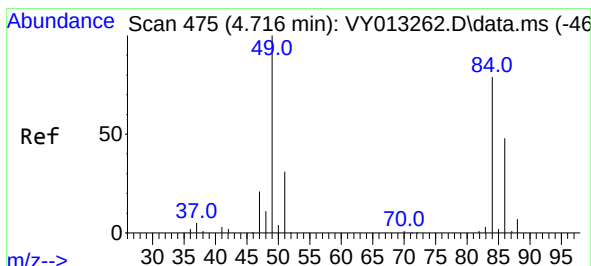
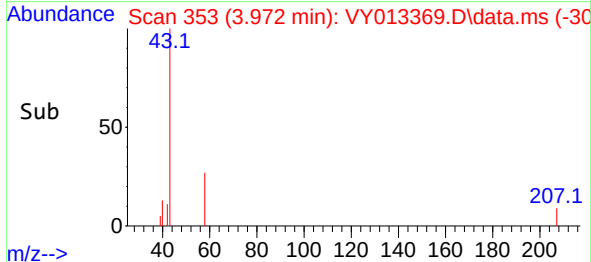
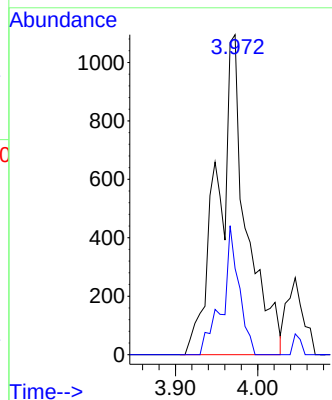
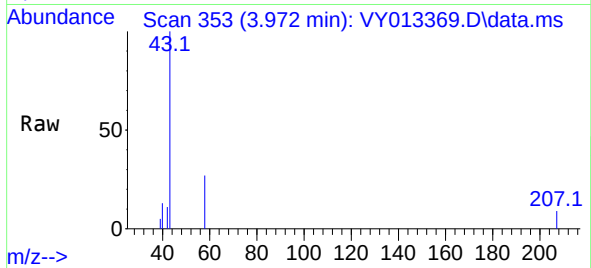




#16
Acetone
Concen: 3.996 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

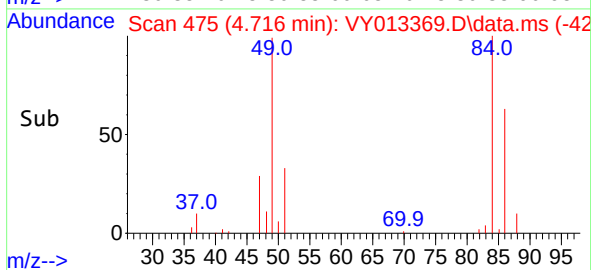
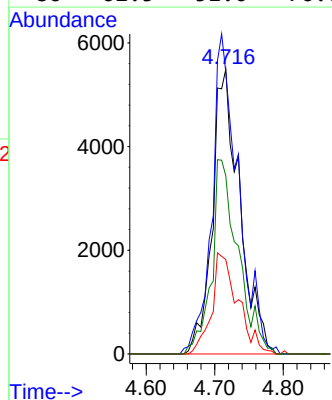
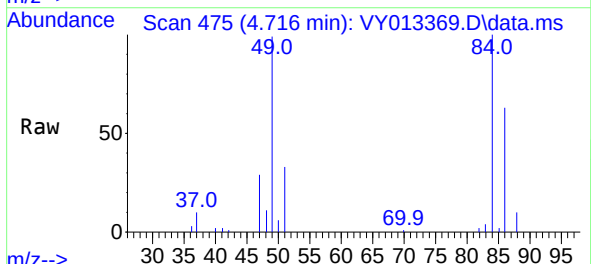
Instrument :
MSVOA_Y
ClientSampleId :

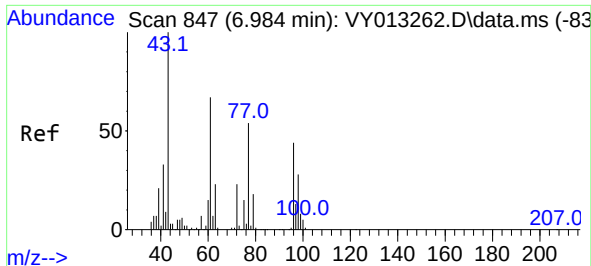
Tgt Ion: 43 Resp: 2646
Ion Ratio Lower Upper
43 100
58 26.9 24.2 36.2



#20
Methylene Chloride
Concen: 4.822 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

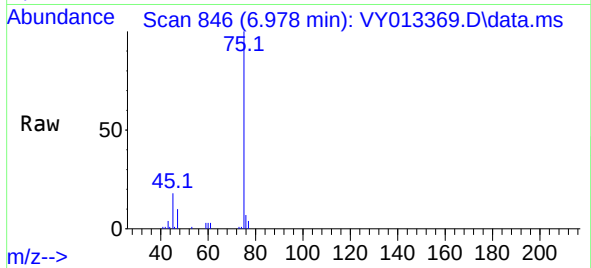
Tgt Ion: 84 Resp: 15185
Ion Ratio Lower Upper
84 100
49 98.8 102.6 154.0#
51 33.2 31.9 47.9
86 62.5 51.0 76.6



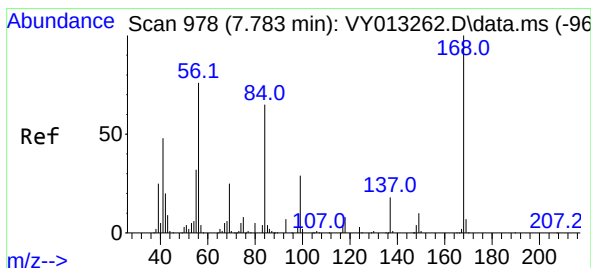
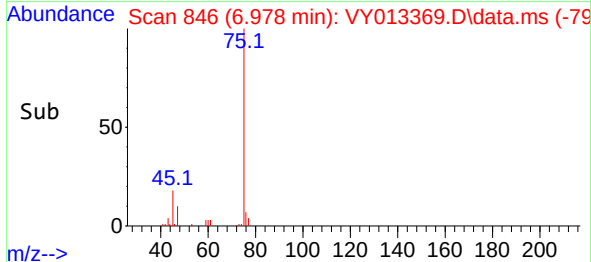
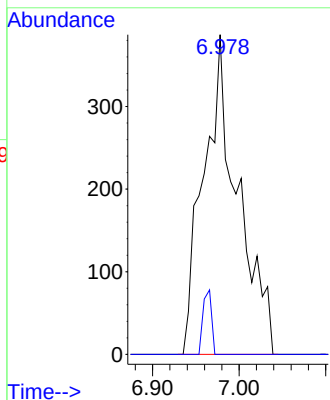


#25
2-Butanone
Concen: 1.244 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :

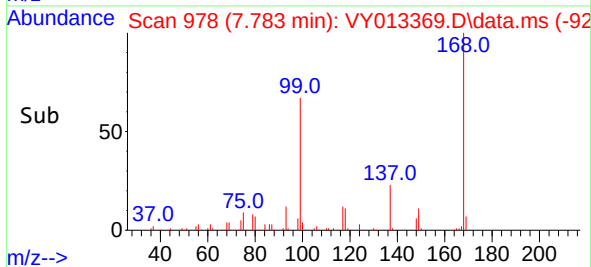
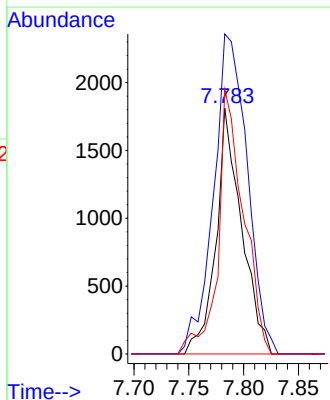
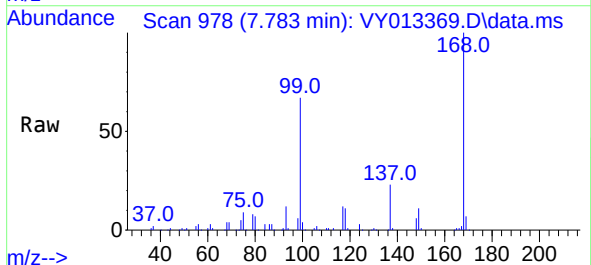


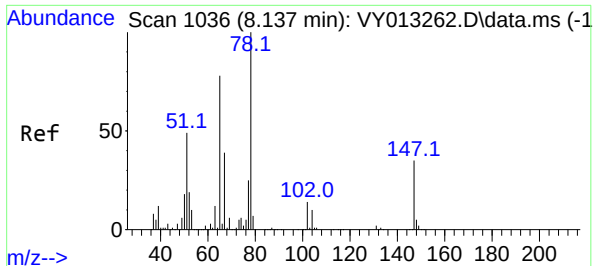
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Tgt Ion: 56 Resp: 2951
Ion Ratio Lower Upper
56 100
69 130.2 25.7 38.5#
84 107.6 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 38.104 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013369.D

Acq: 20 Apr 2023 15:37

Instrument :

MSVOA_Y

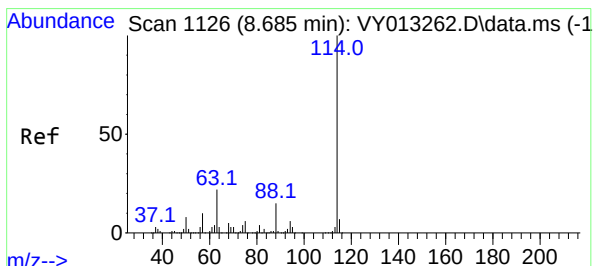
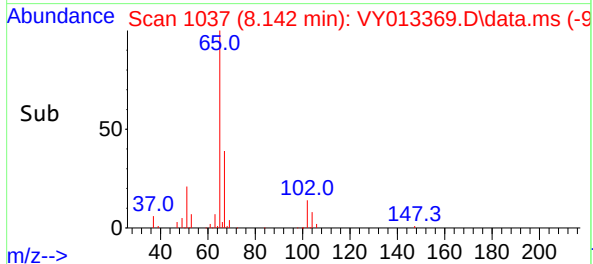
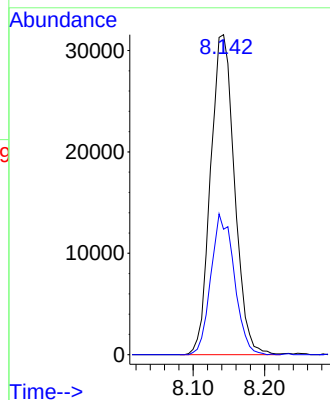
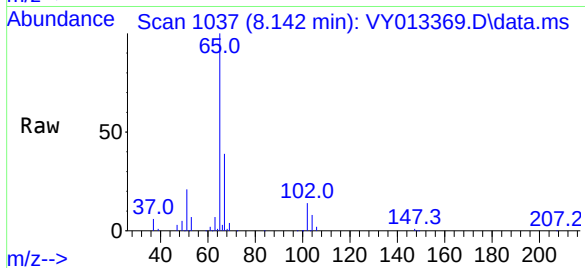
ClientSampleId :

Tgt Ion: 65 Resp: 73378

Ion Ratio Lower Upper

65 100

67 42.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013369.D

Acq: 20 Apr 2023 15:37

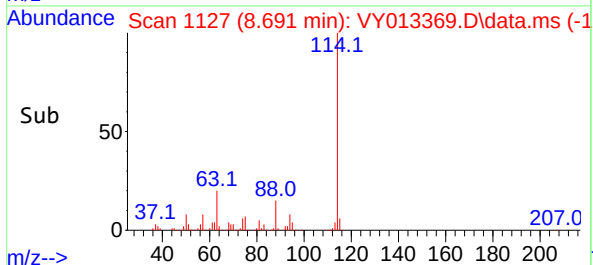
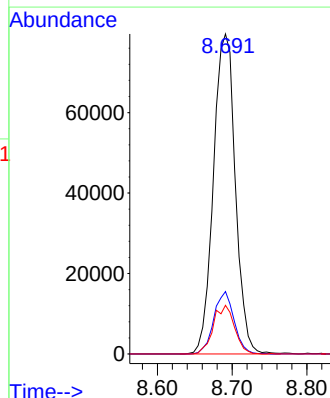
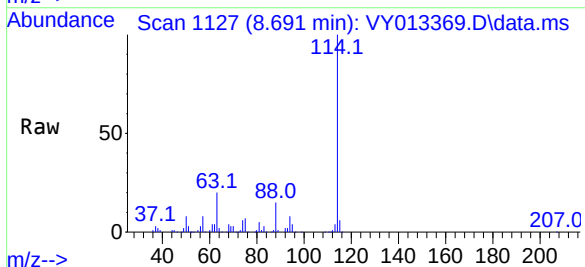
Tgt Ion: 114 Resp: 162416

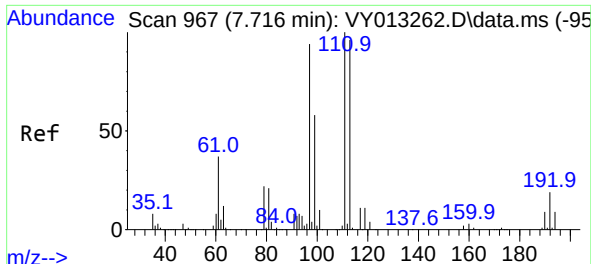
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

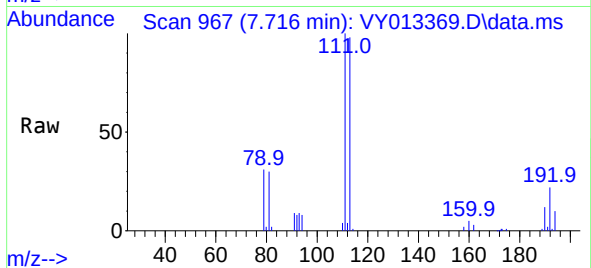
88 15.2 0.0 28.6



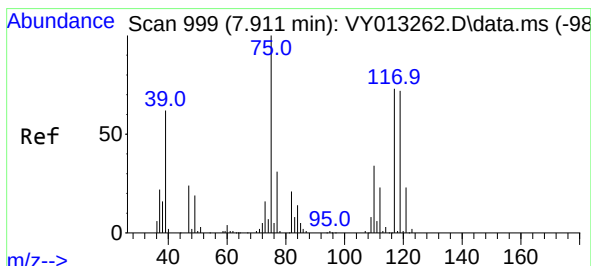
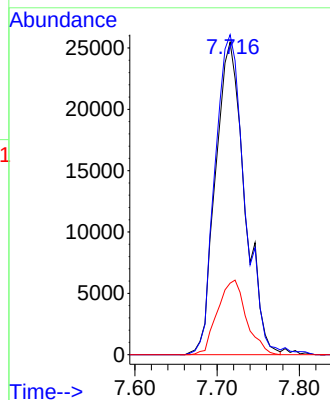
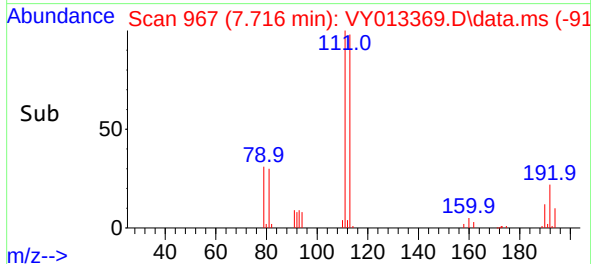


#35
Dibromofluoromethane
Concen: 59.899 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

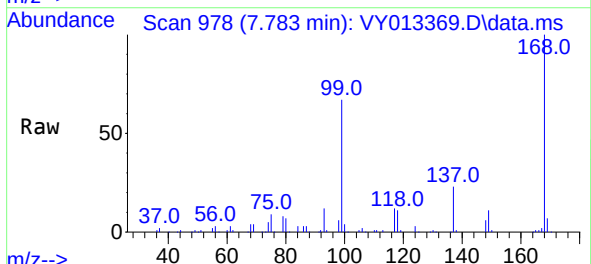
Instrument :
MSVOA_Y
ClientSampleId :



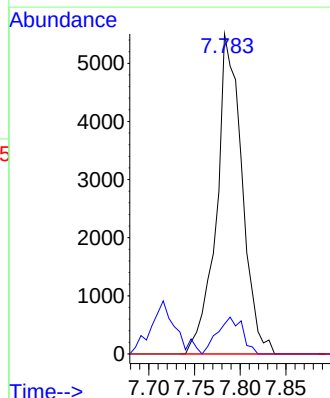
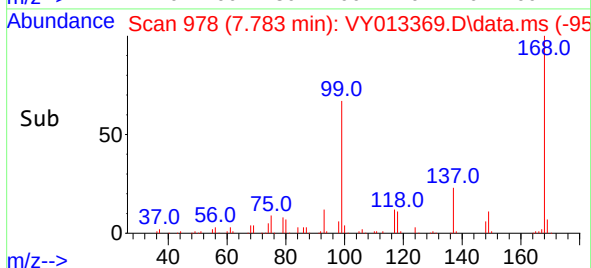
Tgt Ion:113 Resp: 62982
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 23.5 16.8 25.2

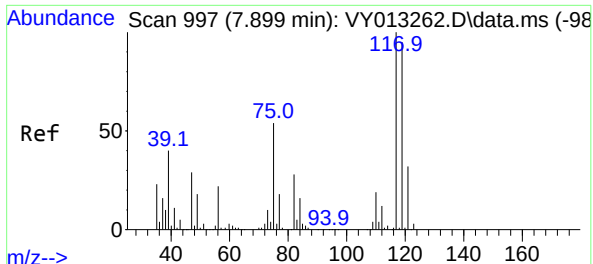


#36
1,1-Dichloropropene
Concen: 6.707 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37



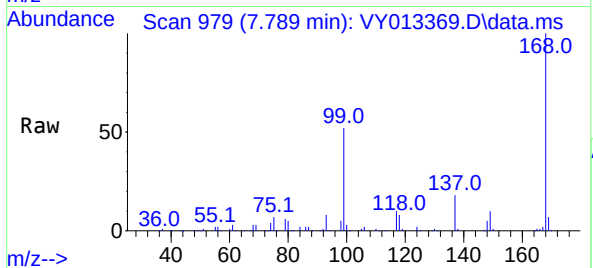
Tgt Ion: 75 Resp: 10684
Ion Ratio Lower Upper
75 100
110 11.3 17.8 53.3#
77 0.0 25.0 37.4#



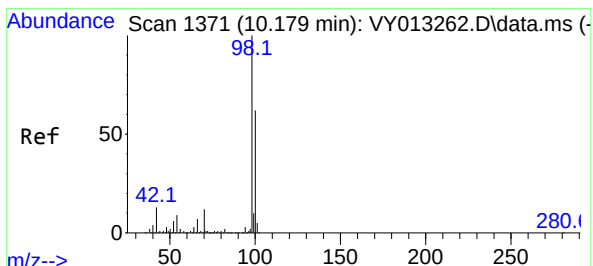
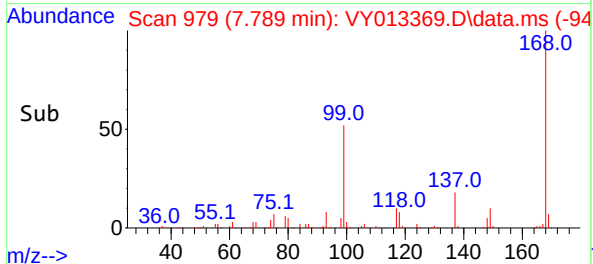
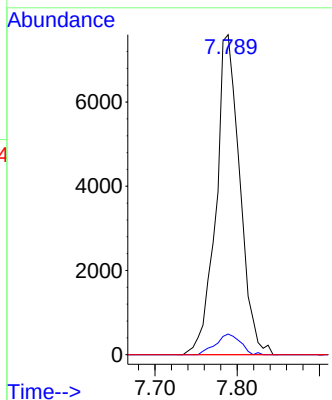


#38
Carbon Tetrachloride
Concen: 8.710 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :

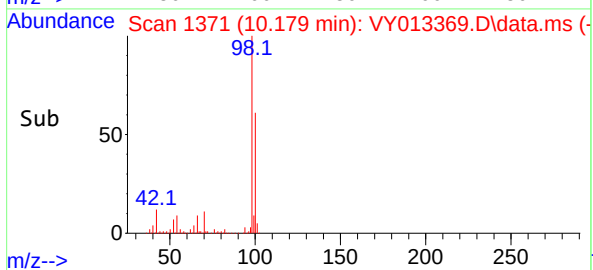
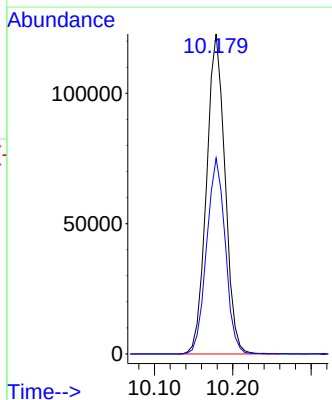
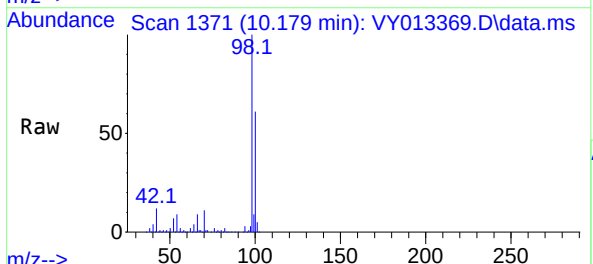


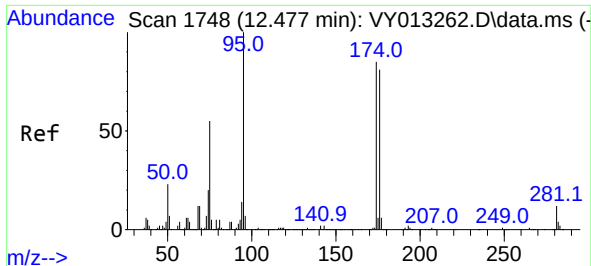
Tgt Ion:117 Resp: 15341
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.407 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Tgt Ion: 98 Resp: 201196
Ion Ratio Lower Upper
98 100
100 61.7 50.9 76.3

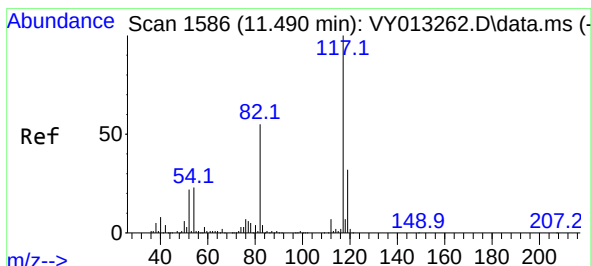
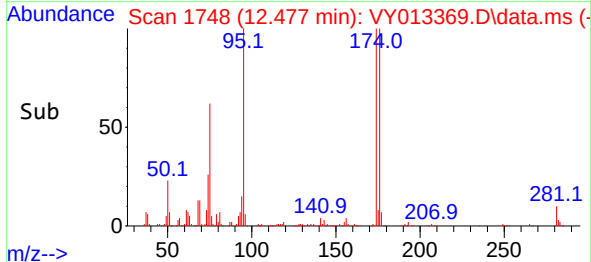
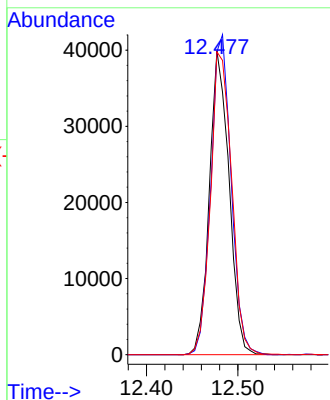
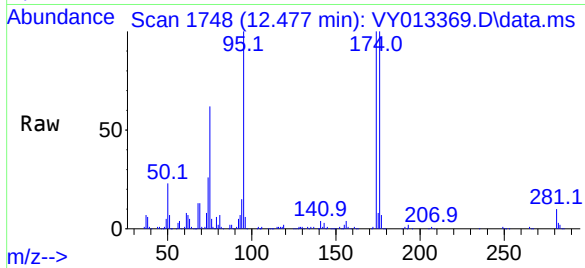




#62
4-Bromofluorobenzene
Concen: 46.968 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

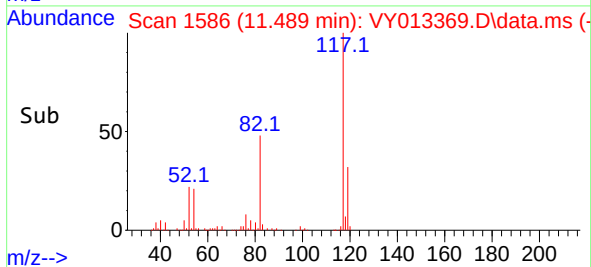
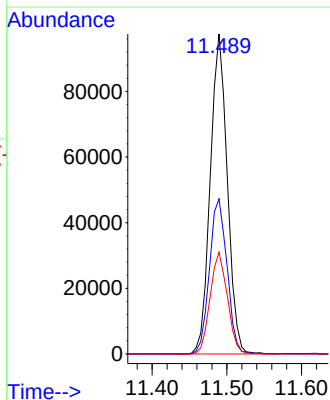
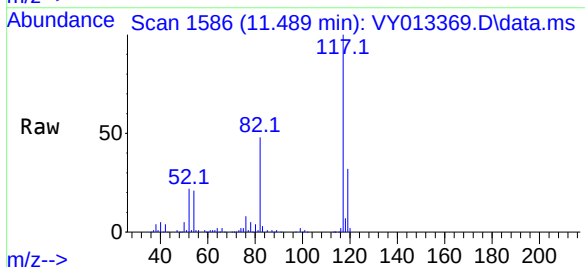
Instrument :
MSVOA_Y
ClientSampleId :

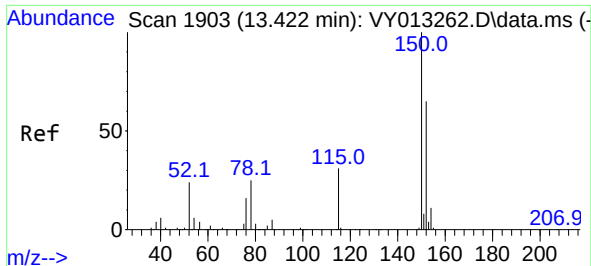
Tgt Ion: 95 Resp: 59726
Ion Ratio Lower Upper
95 100
174 109.0 0.0 176.6
176 107.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

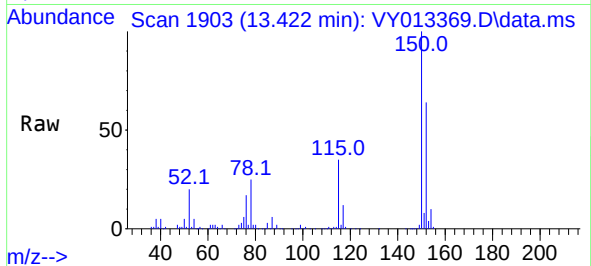
Tgt Ion: 117 Resp: 154326
Ion Ratio Lower Upper
117 100
82 48.4 45.4 68.0
119 31.8 25.6 38.4



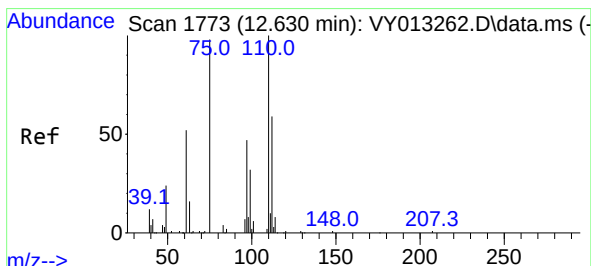
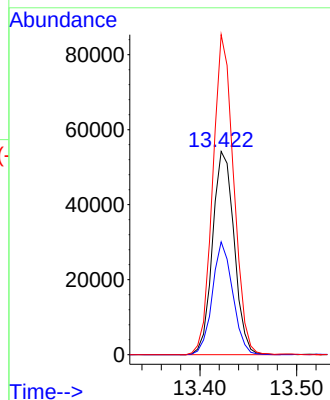
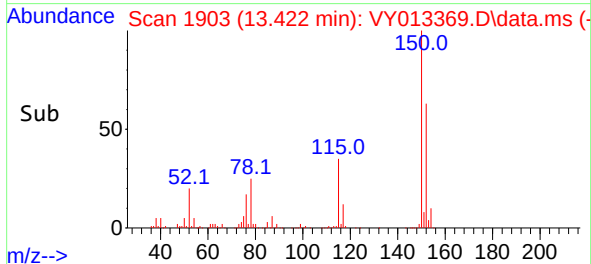


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013369.D
 Acq: 20 Apr 2023 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :

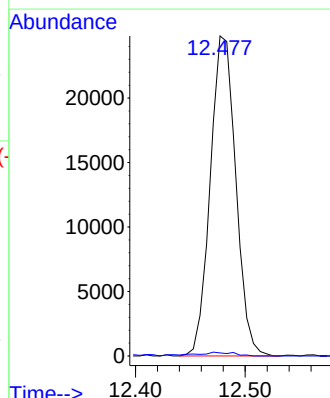
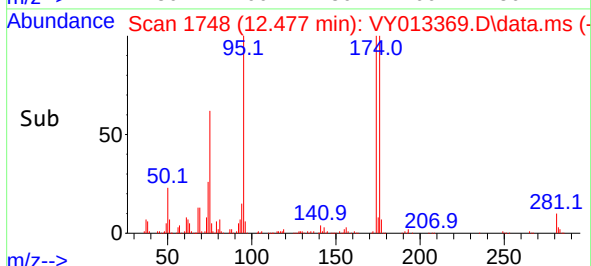
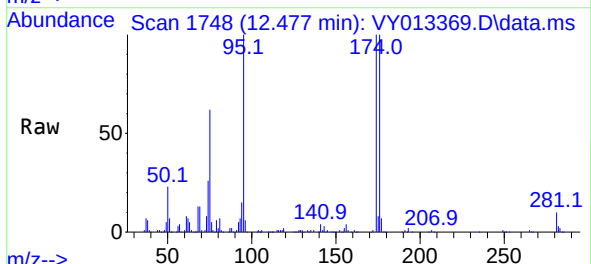


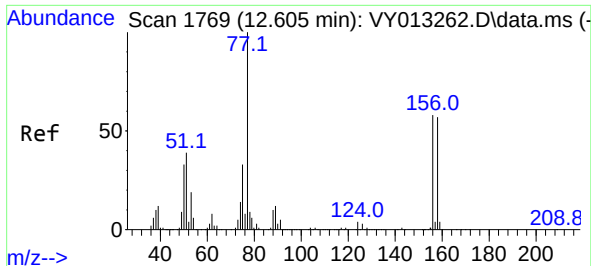
Tgt Ion:152 Resp: 83929
 Ion Ratio Lower Upper
 152 100
 115 52.5 27.1 81.3
 150 153.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 38.443 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY013369.D
 Acq: 20 Apr 2023 15:37

Tgt Ion: 75 Resp: 40204
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

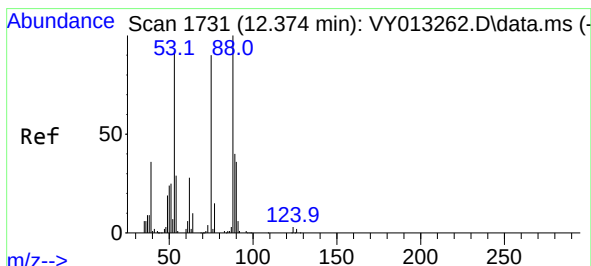
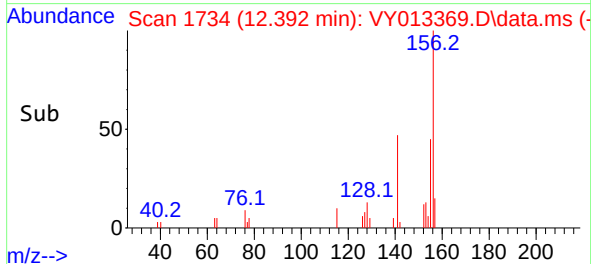
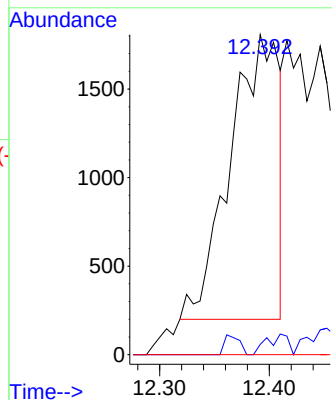
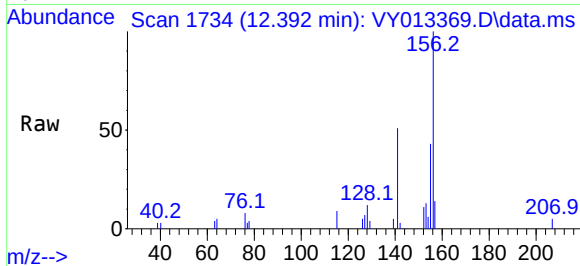




#77
Bromobenzene
Concen: 3.456 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.214 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

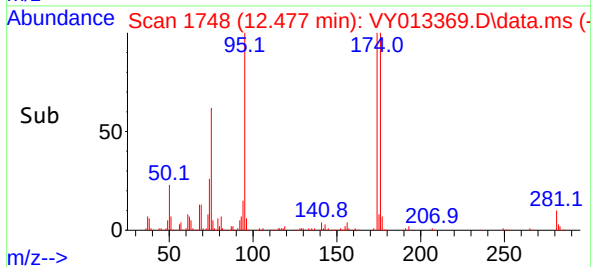
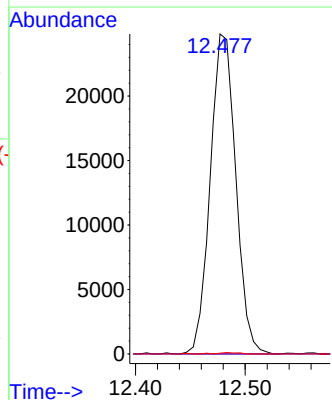
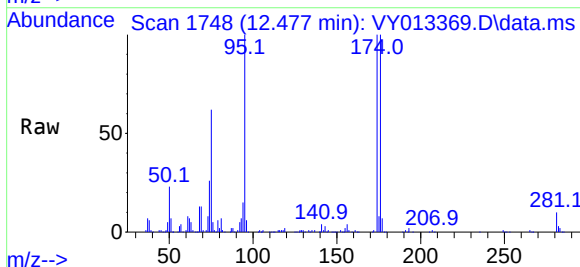
Instrument :
MSVOA_Y
ClientSampleId :

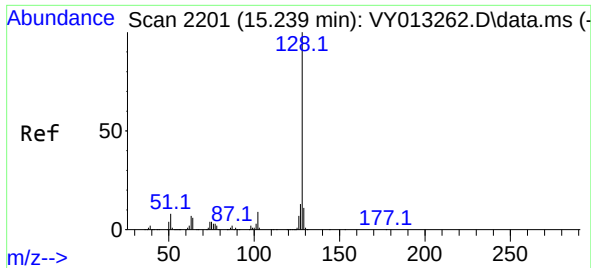
Tgt Ion:156 Resp: 4975
Ion Ratio Lower Upper
156 100
77 3.2 94.0 282.1#
158 0.0 48.1 144.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.787 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

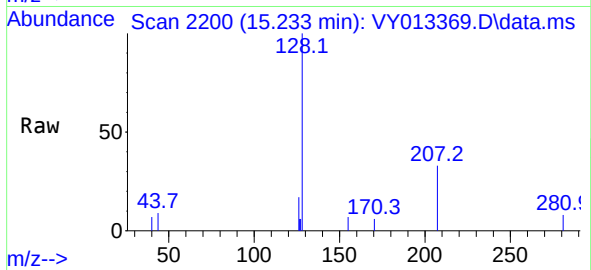
Tgt Ion: 75 Resp: 40204
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.4 36.6 55.0#





#95
Naphthalene
Concen: 3.627 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	1663
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	3.8	8.6	13.0

