

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013349.D
 Acq On : 19 Apr 2023 16:42
 Operator : KP/MD
 Sample : 02371-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:56:51 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)

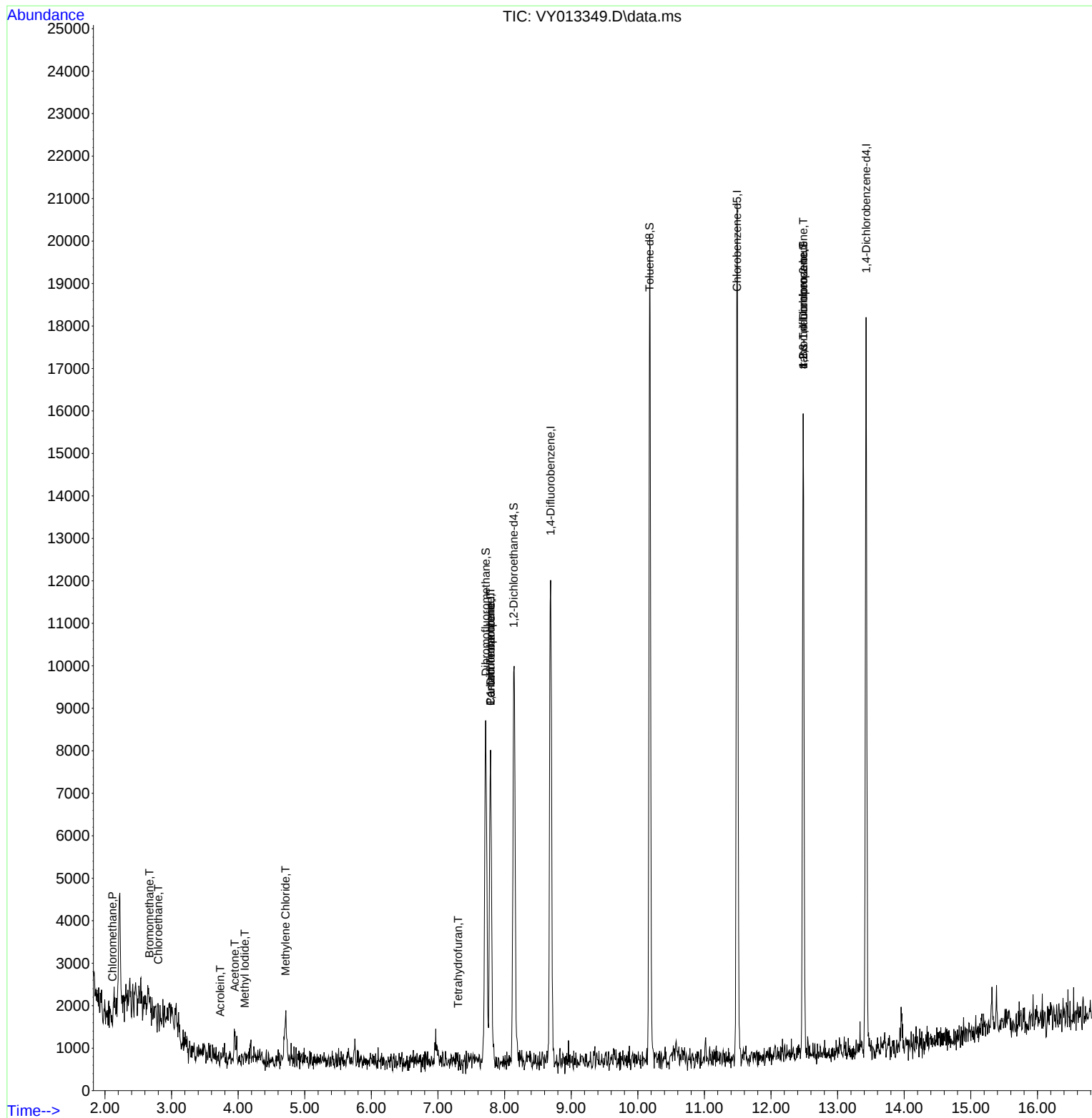
Internal Standards						
1) Pentafluorobenzene	7.789	168	6354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	10403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7752	101.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 203.040%#	
35) Dibromofluoromethane	7.716	113	5626	83.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 167.080%#	
50) Toluene-d8	10.179	98	12579	50.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	12.483	95	4594	56.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	129	1.801	ug/l	# 42
5) Bromomethane	2.668	94	79	1.517	ug/l	# 1
6) Chloroethane	2.802	64	47	1.026	ug/l	# 43
10) Methyl Iodide	4.100	142	104	1.365	ug/l	# 40
11) Tert butyl alcohol	5.094	59	64	Below Cal	#	74
13) Acrolein	3.729	56	20	2.132	ug/l	# 14
16) Acetone	3.948	43	665	25.329	ug/l	# 78
20) Methylene Chloride	4.710	84	544	3.906	ug/l	# 51
29) Tetrahydrofuran	7.301	42	33	1.616	ug/l	# 36
36) 1,1-Dichloropropene	7.789	75	418	4.097	ug/l	# 41
38) Carbon Tetrachloride	7.789	117	598	5.301	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	2304	40.880	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	2304	84.846	ug/l	# 13

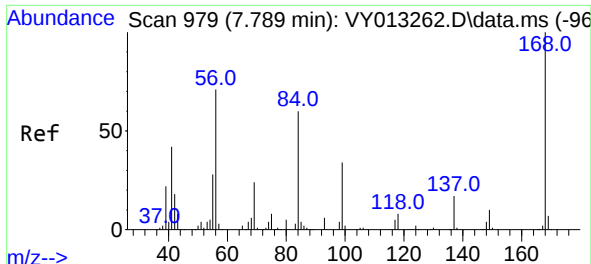
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
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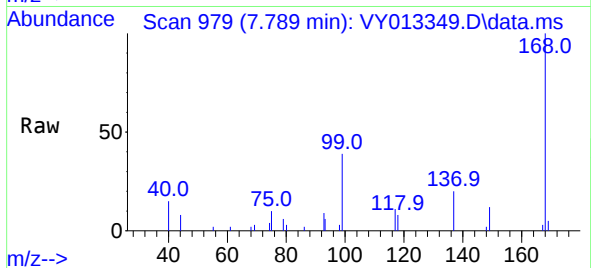
Quant Time: Apr 20 06:56:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



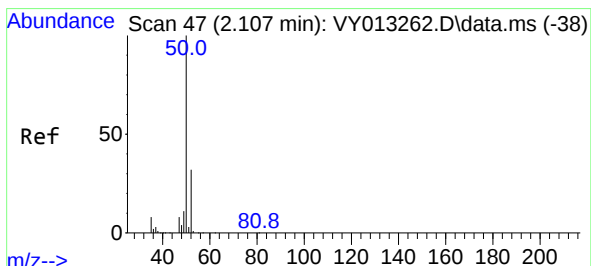
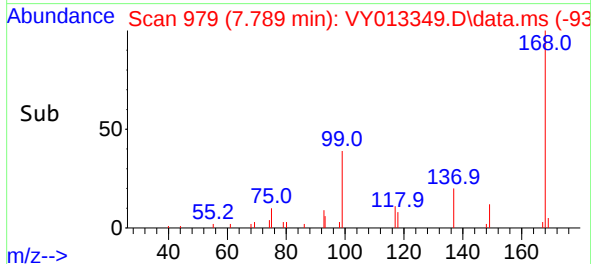
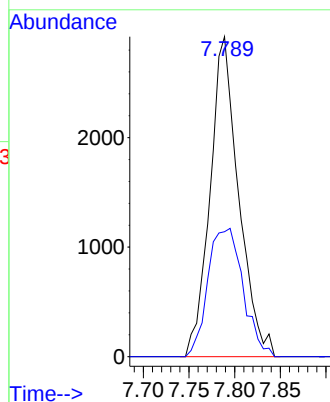


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :

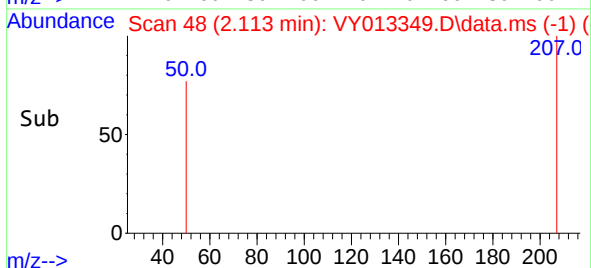
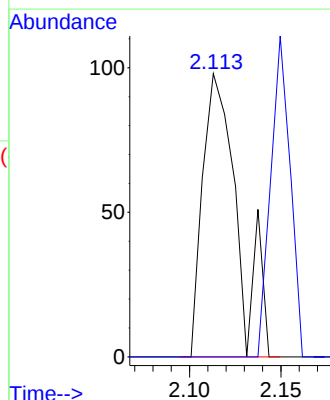
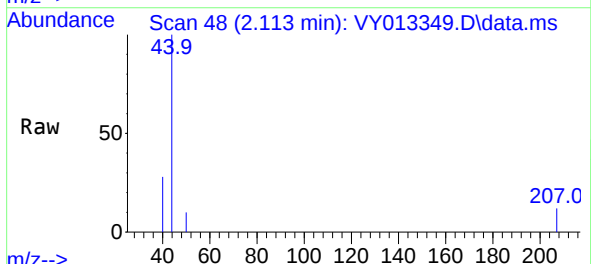


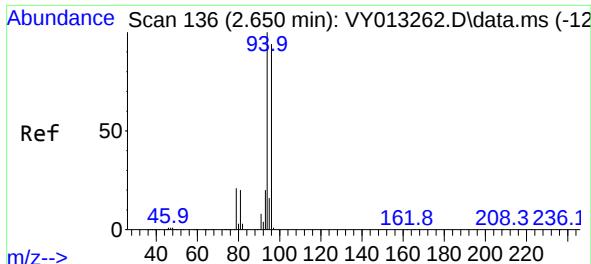
Tgt Ion:168 Resp: 6354
Ion Ratio Lower Upper
168 100
99 39.0 41.7 62.5#



#3
Chloromethane
Concen: 1.801 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

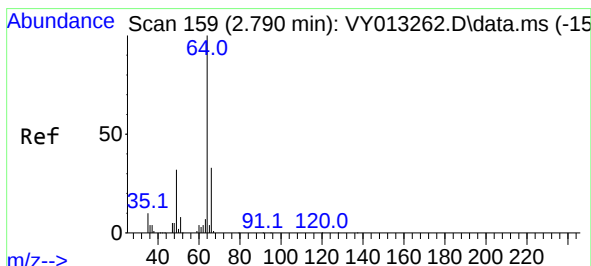
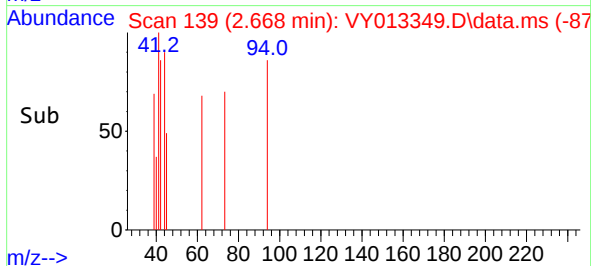
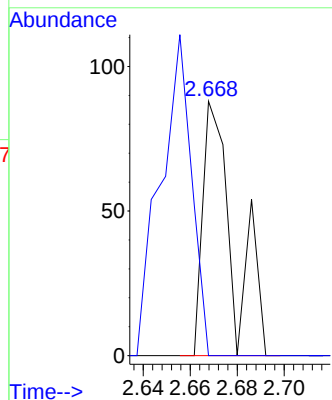
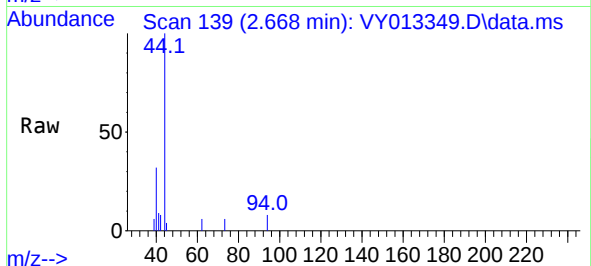




#5
Bromomethane
Concen: 1.517 ug/l
RT: 2.668 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

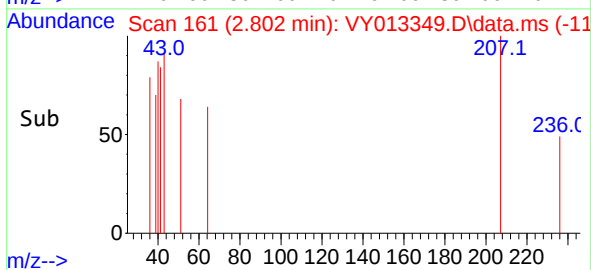
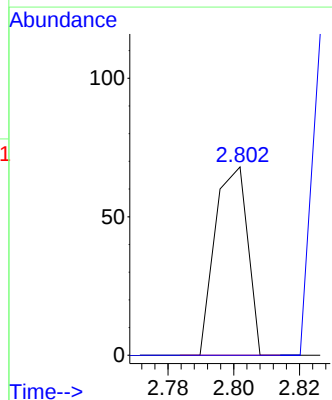
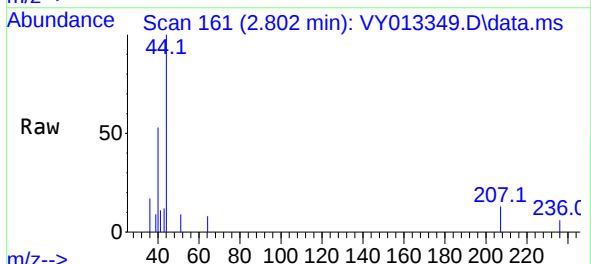
Instrument :
MSVOA_Y
ClientSampleId :

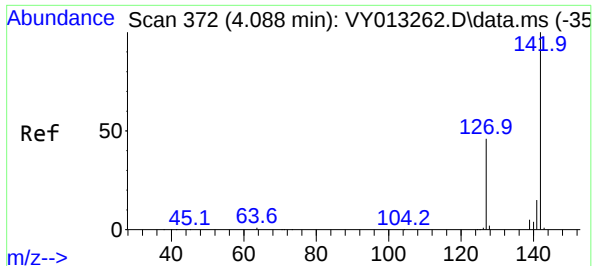
Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 0.0 80.3 120.5#



#6
Chloroethane
Concen: 1.026 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 64 Resp: 47
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#10

Methyl Iodide

Concen: 1.365 ug/l

RT: 4.100 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY013349.D

Acq: 19 Apr 2023 16:42

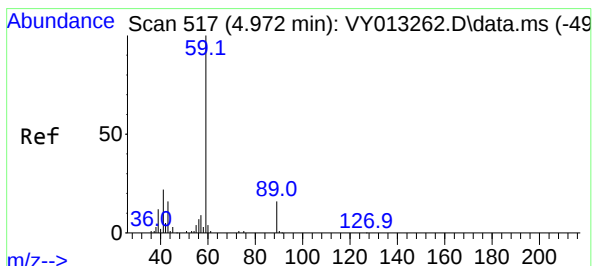
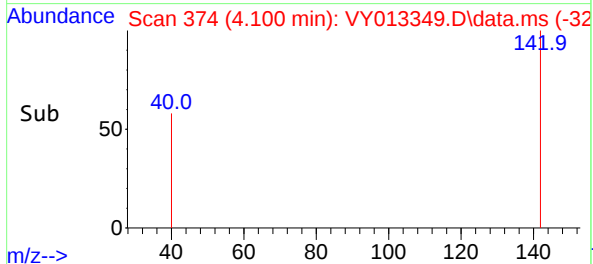
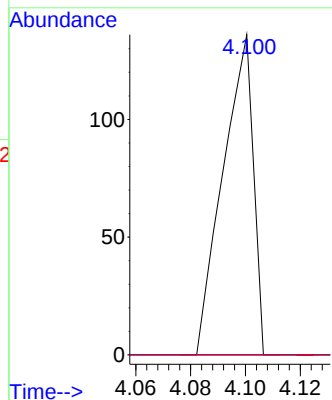
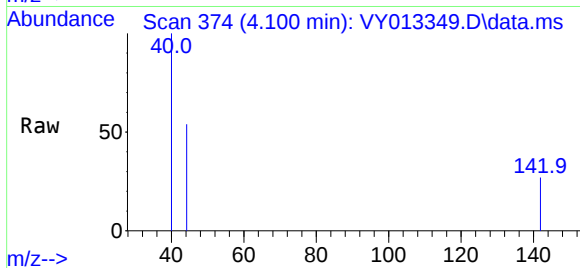
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:142 Resp: 104

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.4	53.2#
141	0.0	11.3	16.9#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.094 min Scan# 537

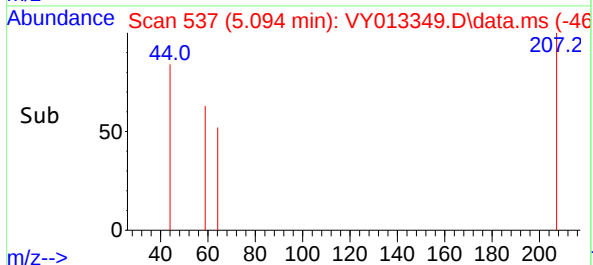
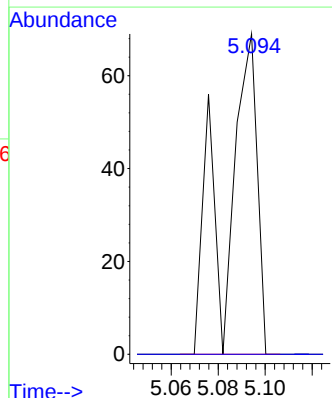
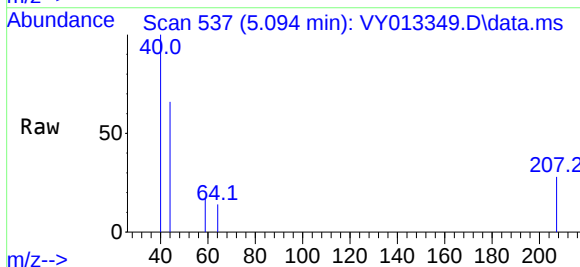
Delta R.T. 0.122 min

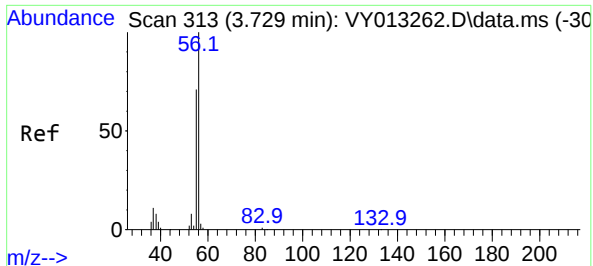
Lab File: VY013349.D

Acq: 19 Apr 2023 16:42

Tgt Ion: 59 Resp: 64

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

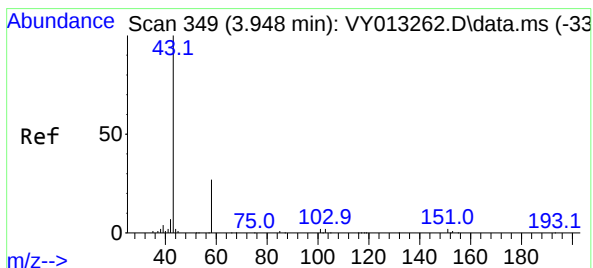
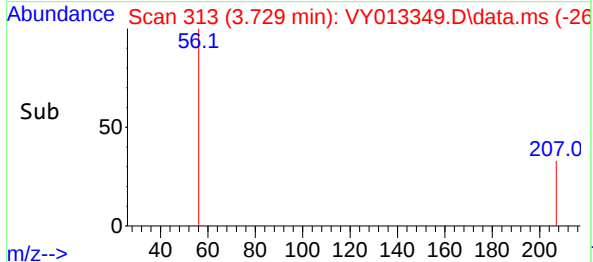
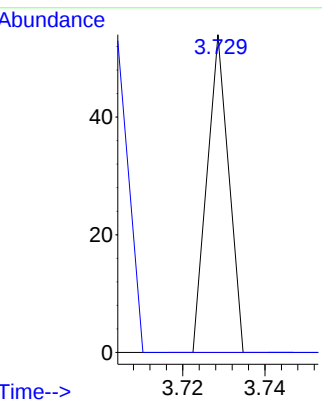
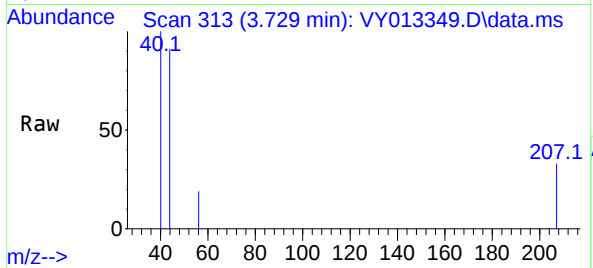




#13
Acrolein
Concen: 2.132 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

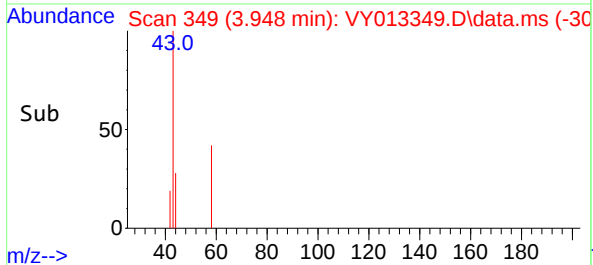
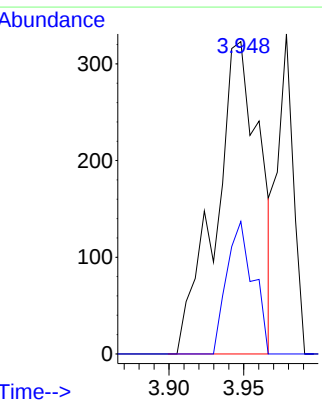
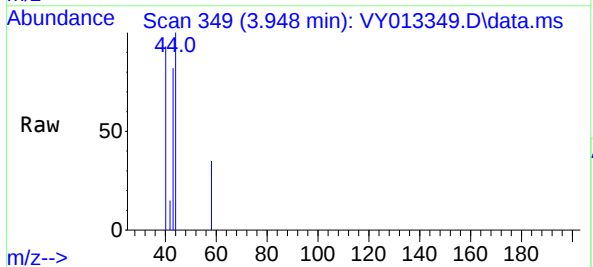
Instrument :
MSVOA_Y
ClientSampleId :

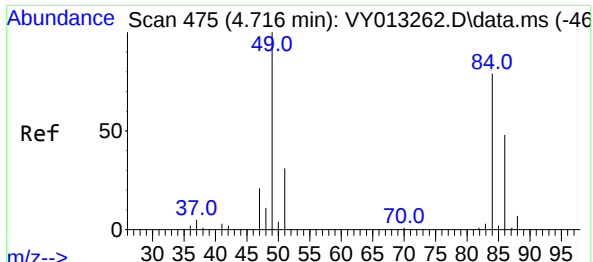
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#



#16
Acetone
Concen: 25.329 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

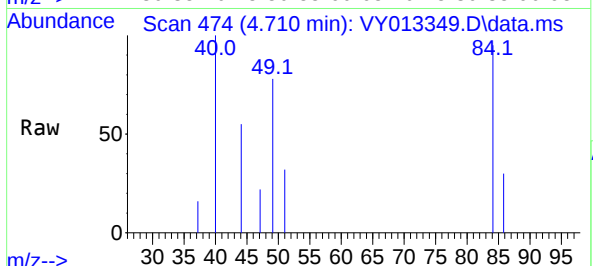
Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
58 42.4 24.2 36.2#





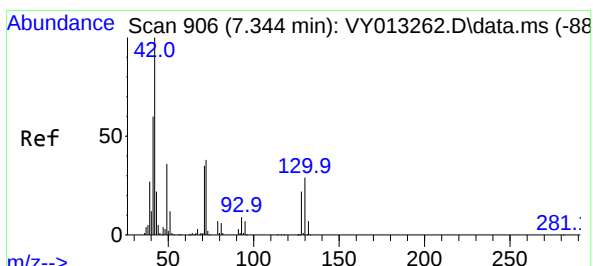
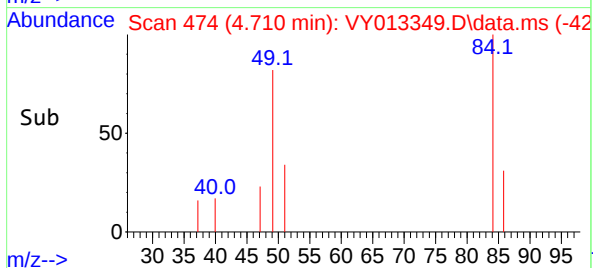
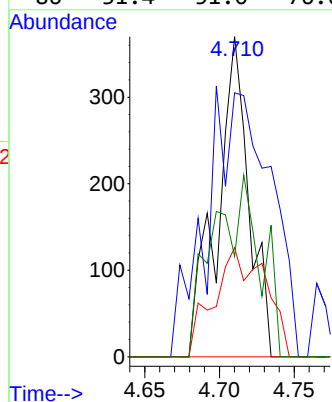
#20
Methylene Chloride
Concen: 3.906 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 544

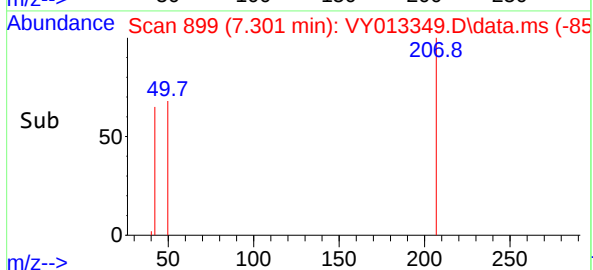
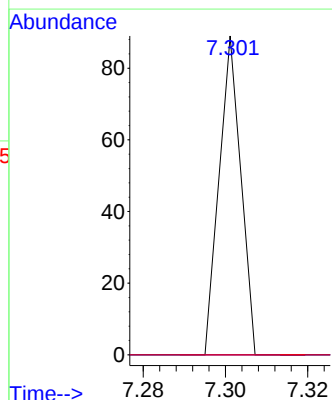
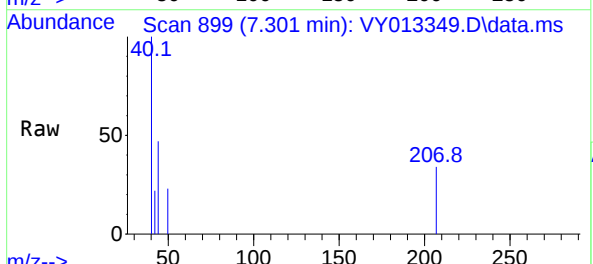
Ion	Ratio	Lower	Upper
84	100		
49	53.8	102.6	154.0#
51	34.1	31.9	47.9
86	31.4	51.0	76.6#

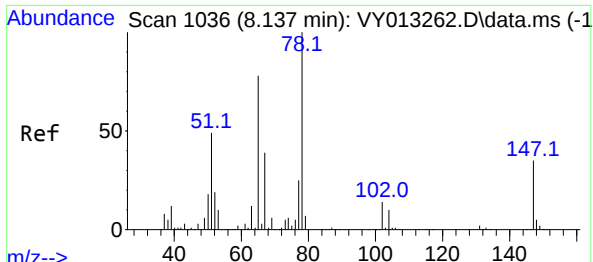


#29
Tetrahydrofuran
Concen: 1.616 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.043 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 42 Resp: 33

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5#
71	0.0	30.3	45.5#

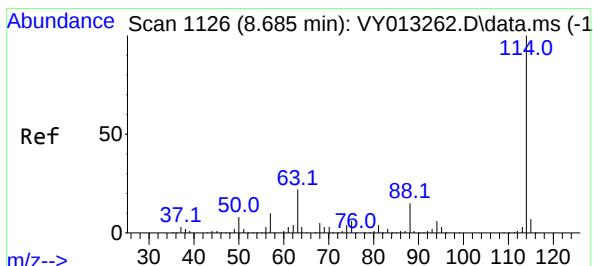
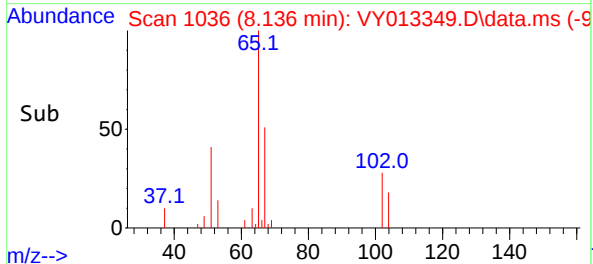
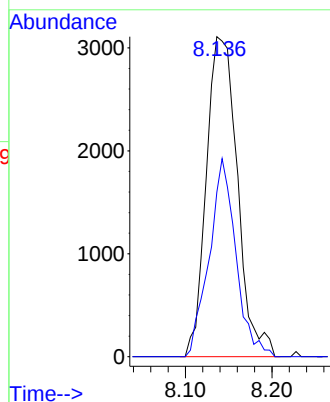
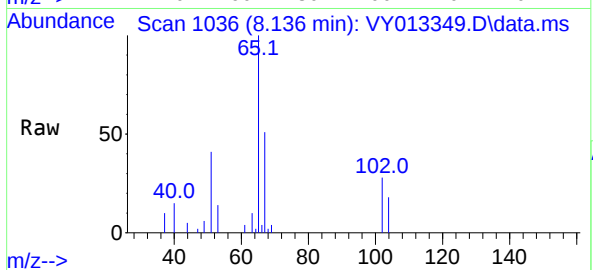




#33
1,2-Dichloroethane-d4
Concen: 101.519 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

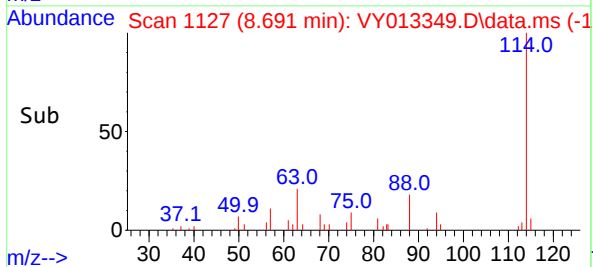
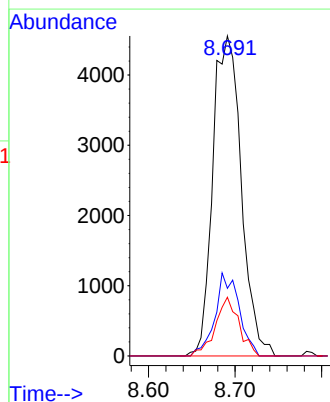
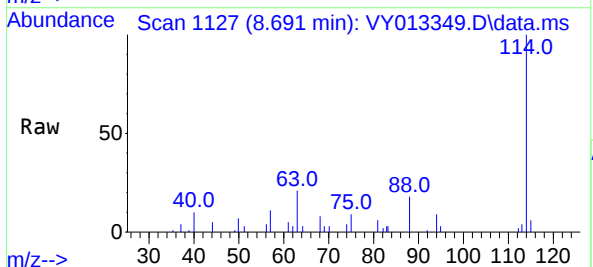
Instrument :
MSVOA_Y
ClientSampleId :

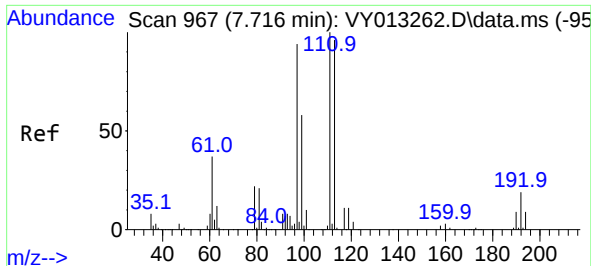
Tgt Ion: 65 Resp: 7752
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

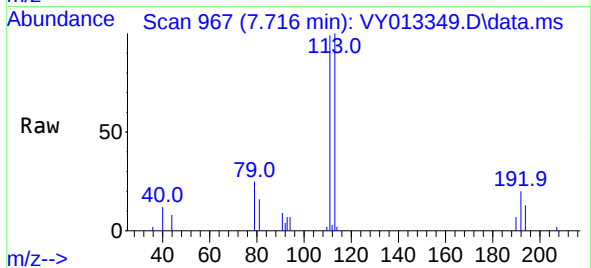
Tgt Ion:114 Resp: 10403
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 18.3 0.0 28.6





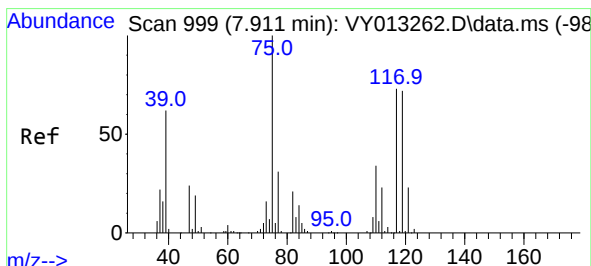
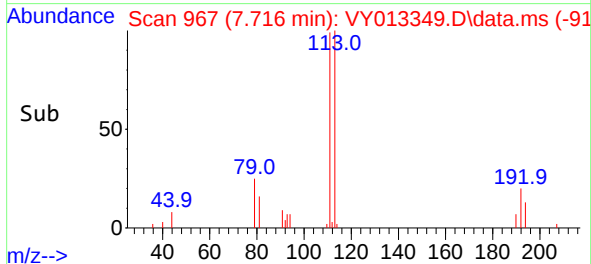
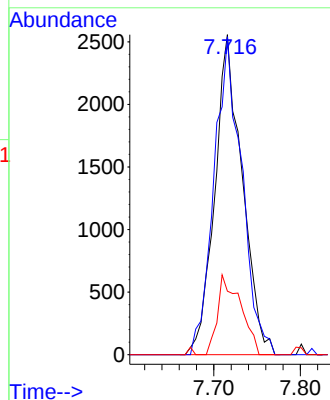
#35
Dibromofluoromethane
Concen: 83.536 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 113 Resp: 5626

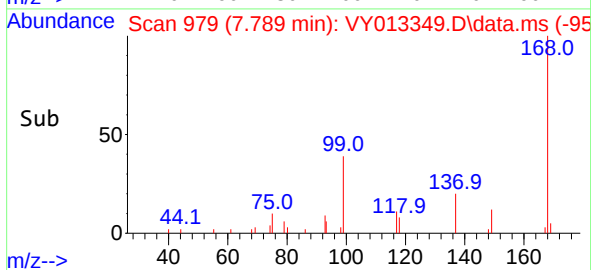
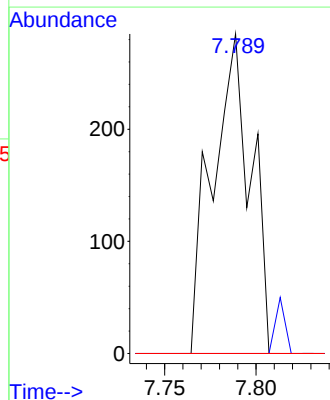
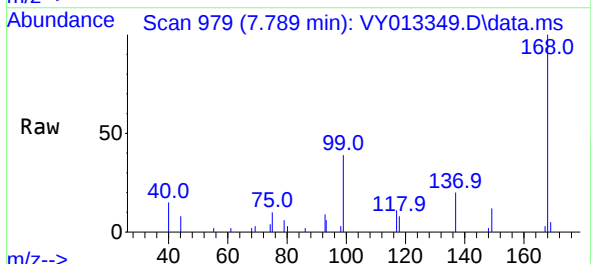
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.2	123.2
192	21.0	16.8	25.2

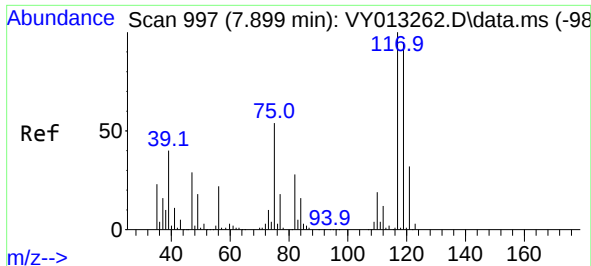


#36
1,1-Dichloropropene
Concen: 4.097 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 75 Resp: 418

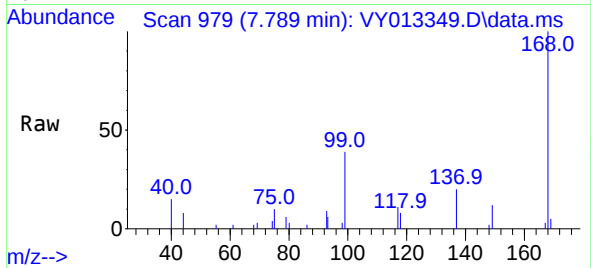
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.3#
77	0.0	25.0	37.4#



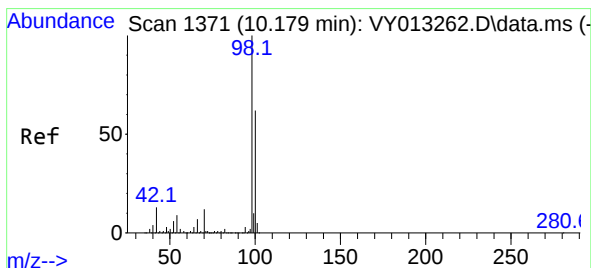
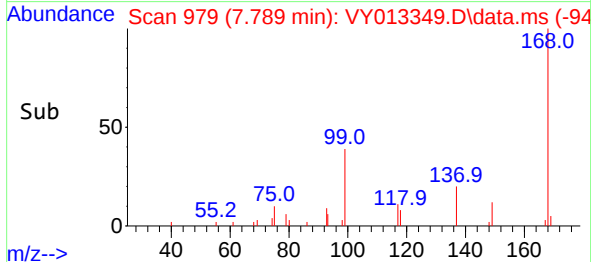
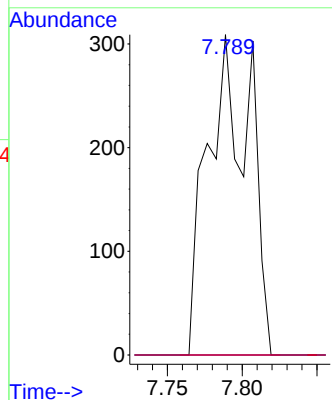


#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :

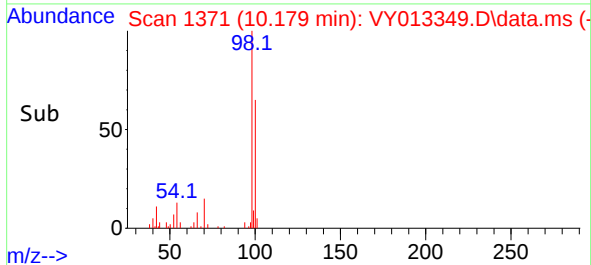
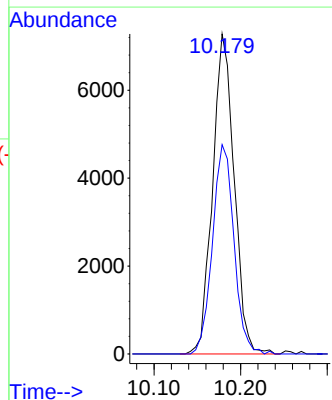
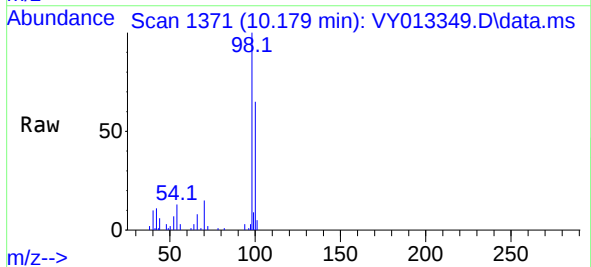


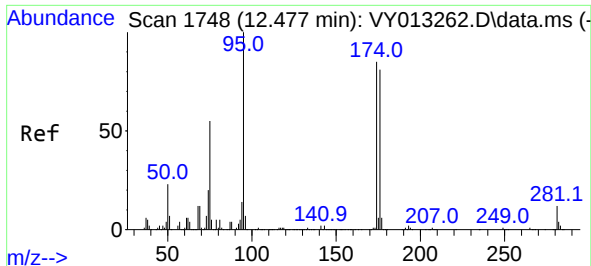
Tgt Ion:117 Resp: 598
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.179 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

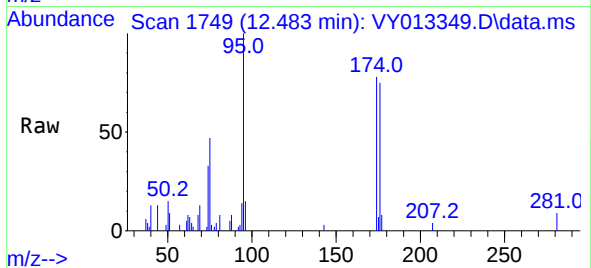
Tgt Ion: 98 Resp: 12579
Ion Ratio Lower Upper
98 100
100 65.3 50.9 76.3



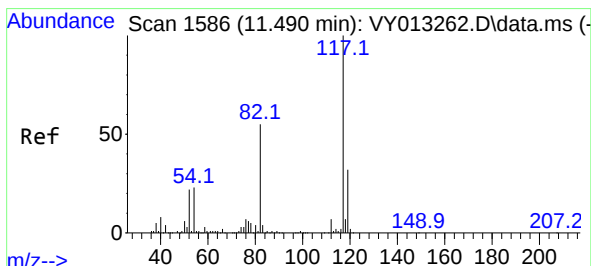
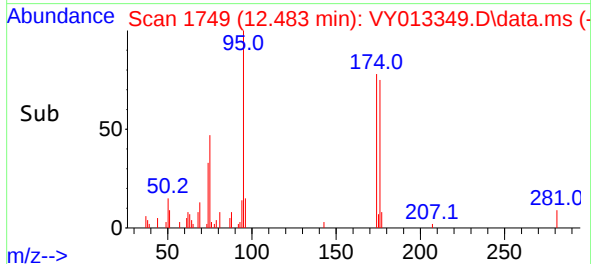
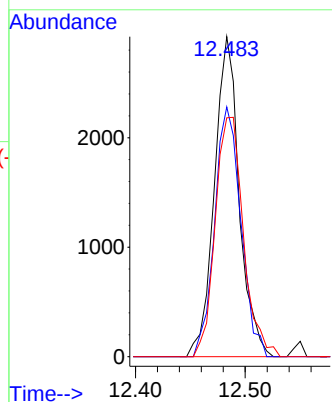


#62
4-Bromofluorobenzene
Concen: 56.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :

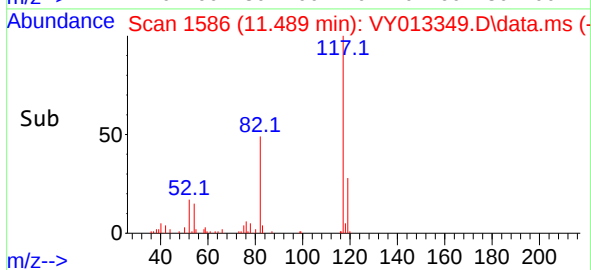
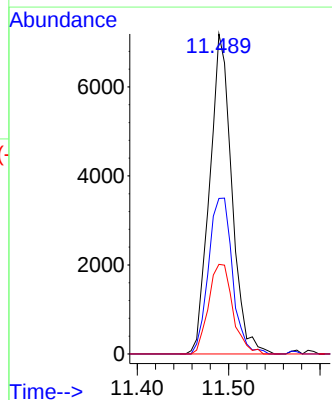
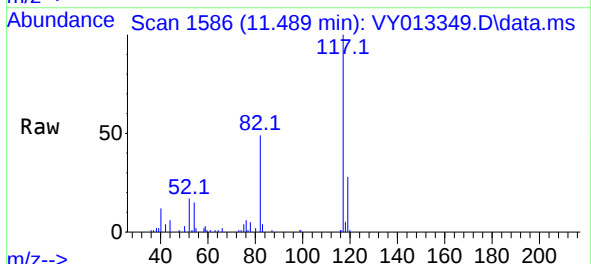


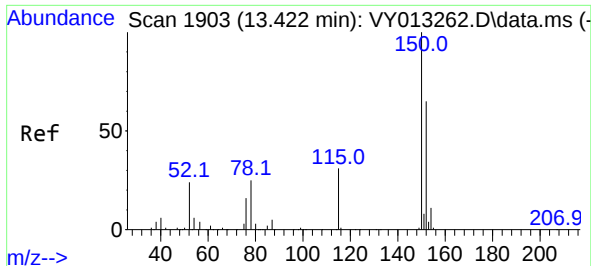
Tgt Ion: 95 Resp: 4594
Ion Ratio Lower Upper
95 100
174 82.5 0.0 176.6
176 84.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

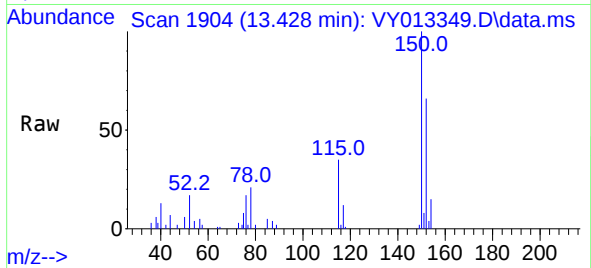
Tgt Ion: 117 Resp: 12091
Ion Ratio Lower Upper
117 100
82 48.6 45.4 68.0
119 28.0 25.6 38.4



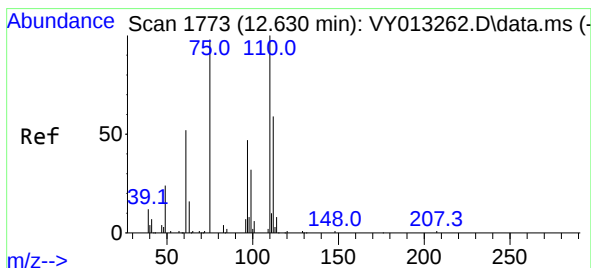
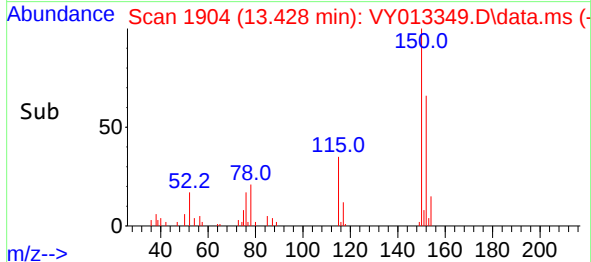
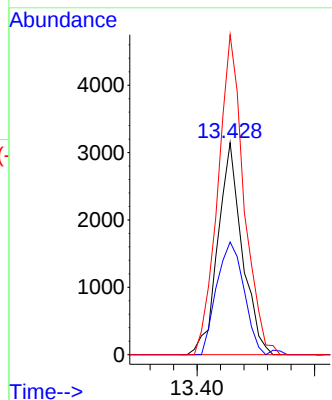


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :

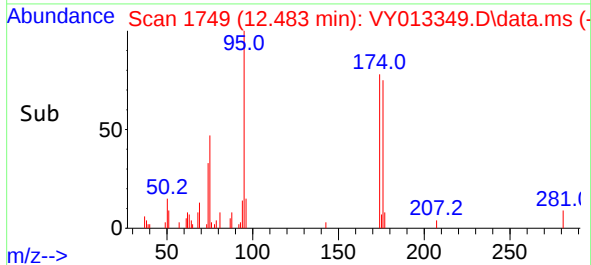
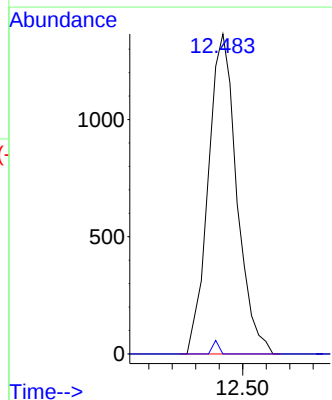
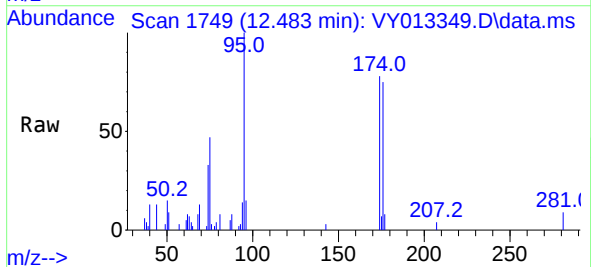


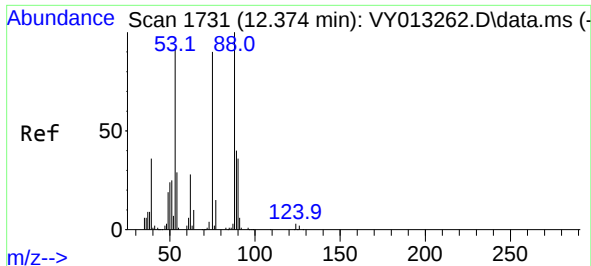
Tgt Ion:152 Resp: 4523
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 161.4 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 40.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.846 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

