

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012136.D
 Acq On : 10 Jan 2023 12:59
 Operator : KP/MD
 Sample : 01093-01
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 03:08:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

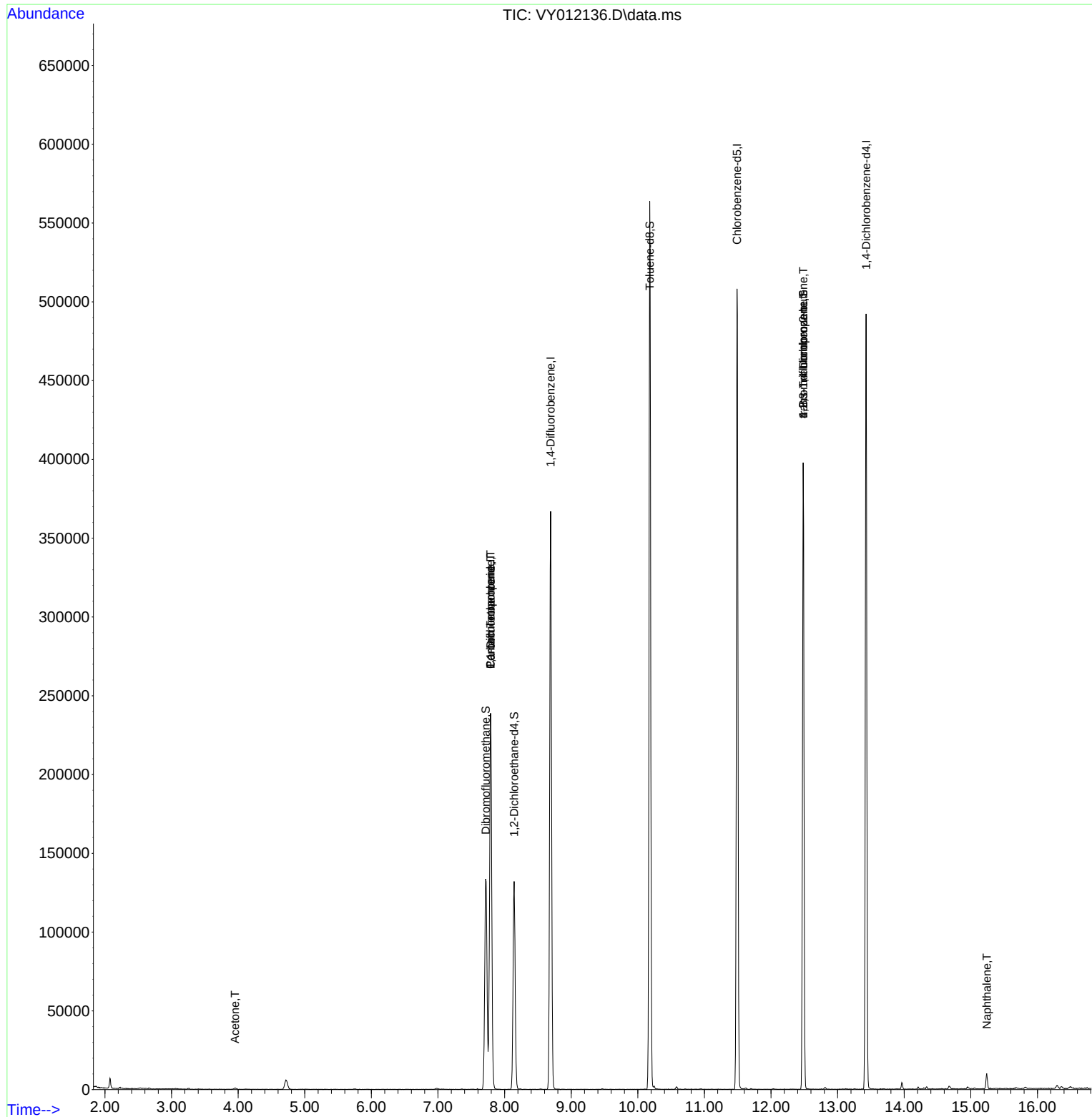
Internal Standards						
1) Pentafluorobenzene	7.789	168	186929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	316417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108938	51.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.720%	
35) Dibromofluoromethane	7.716	113	93798	45.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.200%	
50) Toluene-d8	10.179	98	378786	46.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.280%	
62) 4-Bromofluorobenzene	12.483	95	117629	40.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	181	Below Cal	#	41
5) Bromomethane	2.656	94	169	Below Cal	#	1
11) Tert butyl alcohol	4.942	59	106	Below Cal	#	74
16) Acetone	3.954	43	1461	2.957	ug/l	91
20) Methylene Chloride	4.716	84	5163	Below Cal		88
31) Cyclohexane	7.789	56	3639	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	12593	3.991	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18612	4.647	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62481	41.979	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62481	93.229	ug/l #	13
95) Naphthalene	15.239	128	8471	1.563	ug/l	98

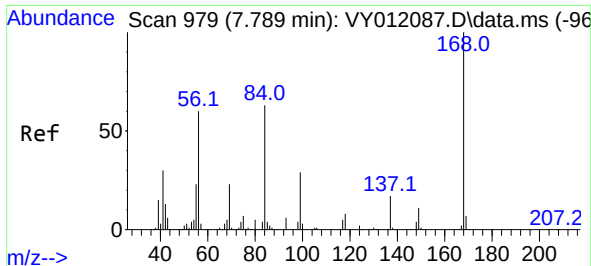
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

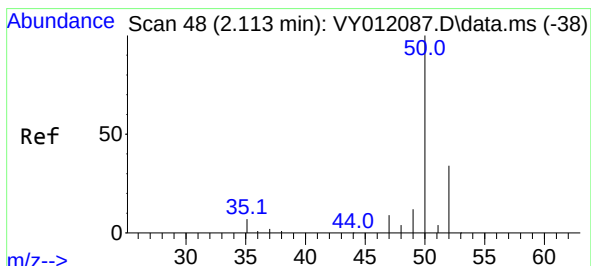
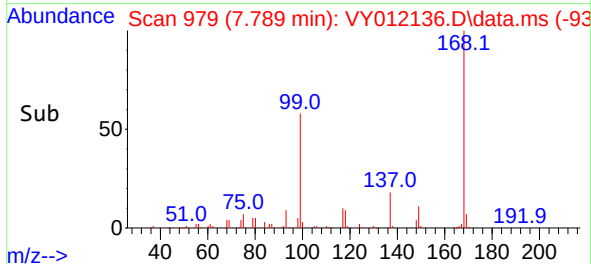
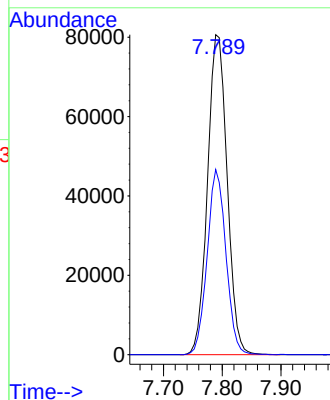
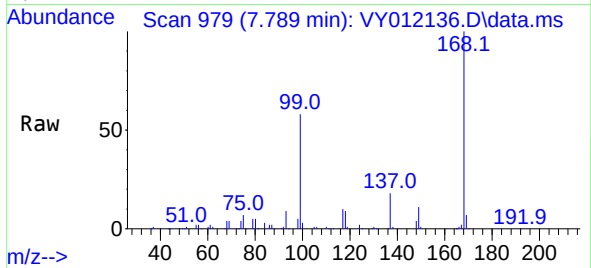




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

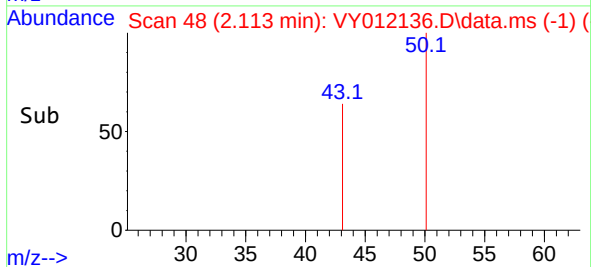
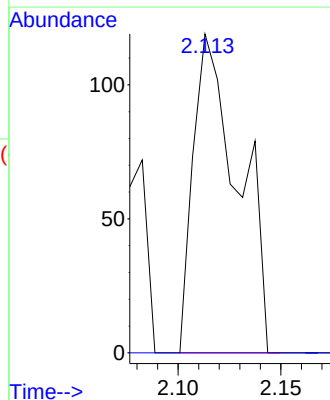
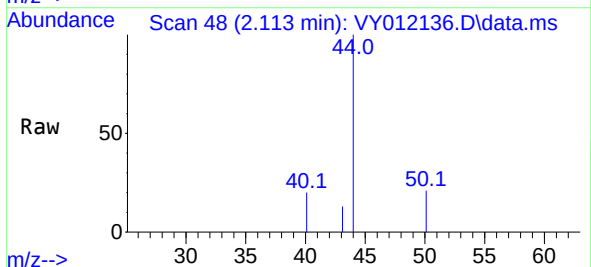
Instrument :
MSVOA_Y
ClientSampleId :

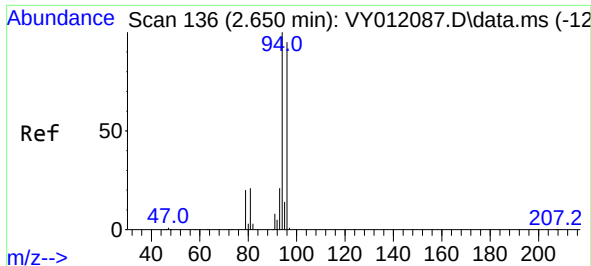
Tgt Ion:168 Resp: 186929
Ion Ratio Lower Upper
168 100
99 57.9 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

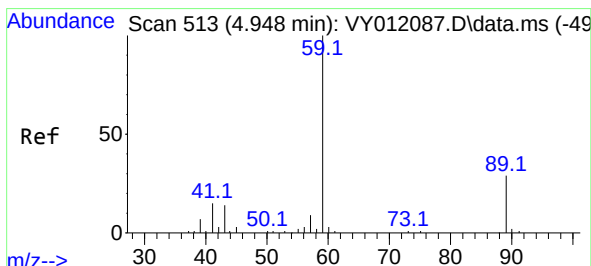
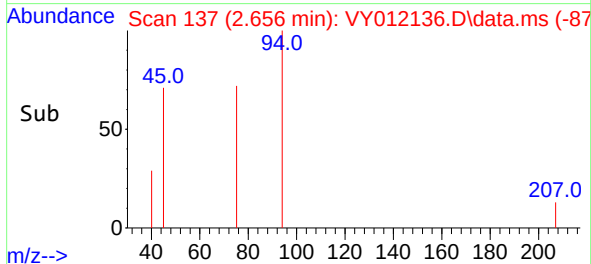
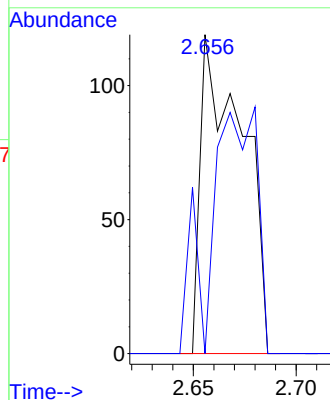
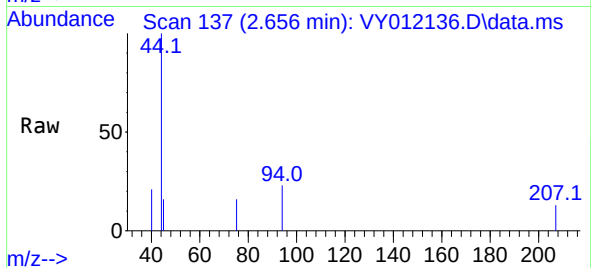




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

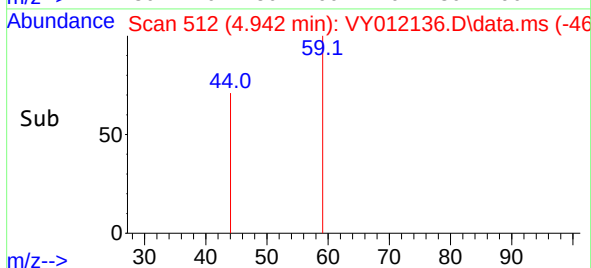
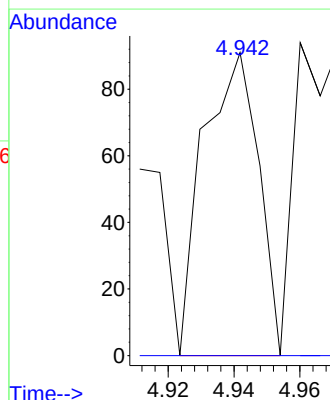
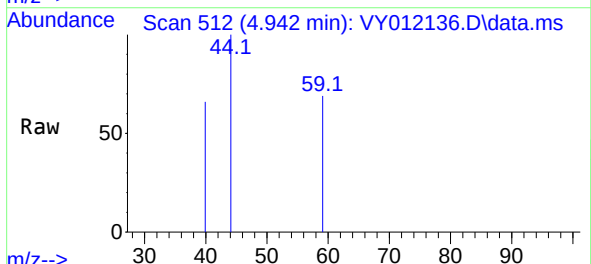
Instrument :
MSVOA_Y
ClientSampleId :

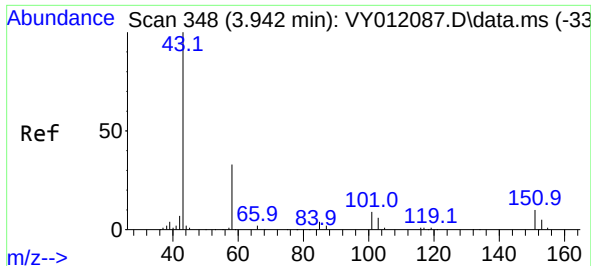
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Tgt Ion: 59 Resp: 106
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

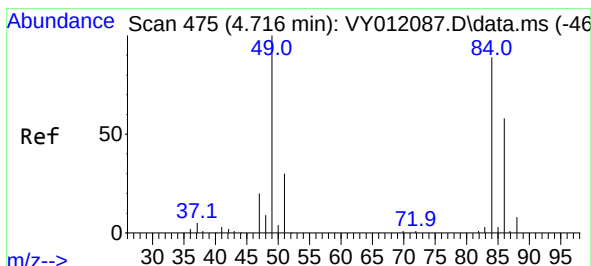
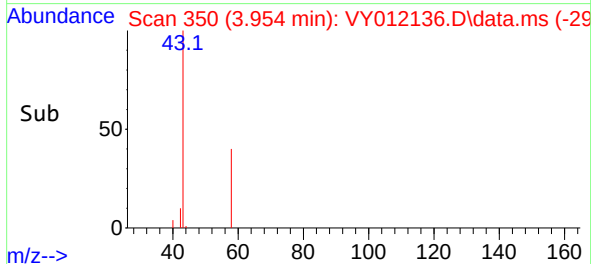
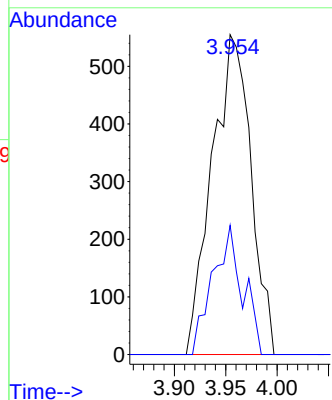
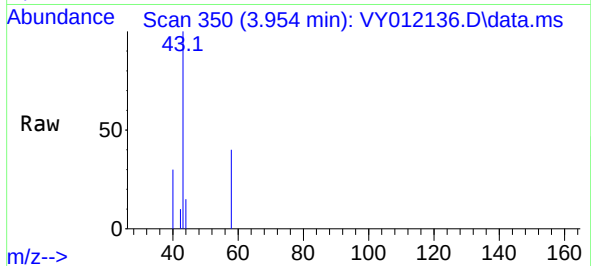




#16
Acetone
Concen: 2.957 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

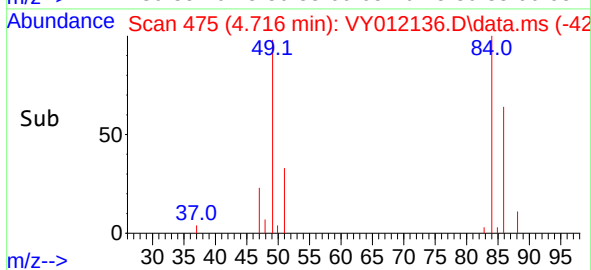
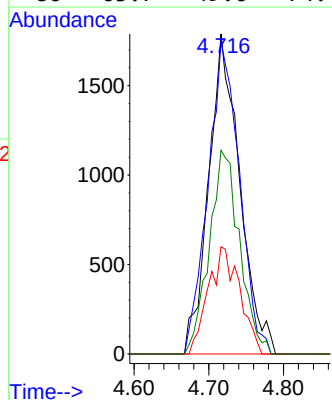
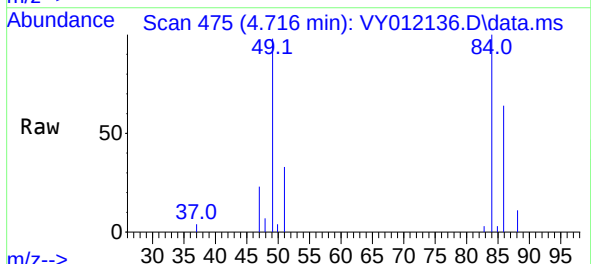
Instrument :
MSVOA_Y
ClientSampleId :

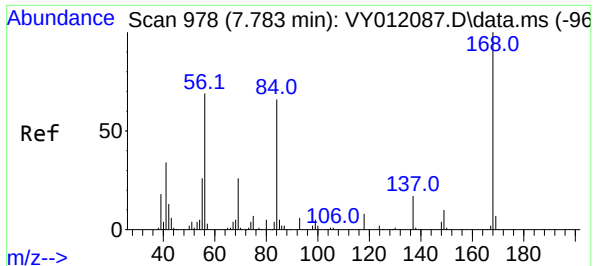
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 40.4 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

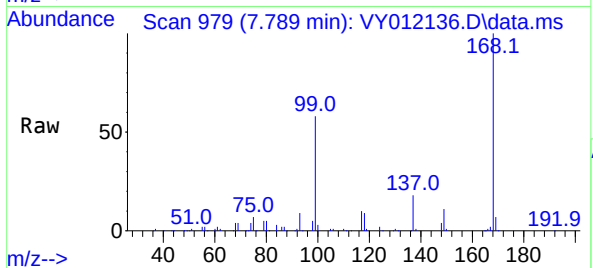
Tgt Ion: 84 Resp: 5163
Ion Ratio Lower Upper
84 100
49 97.8 95.4 143.2
51 33.5 29.9 44.9
86 63.7 49.6 74.4



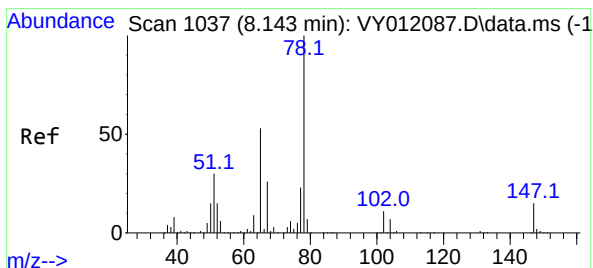
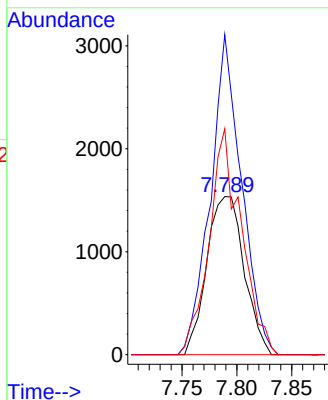
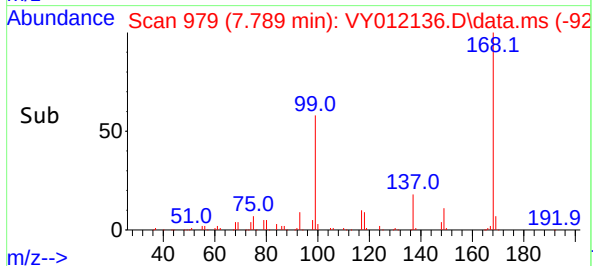


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

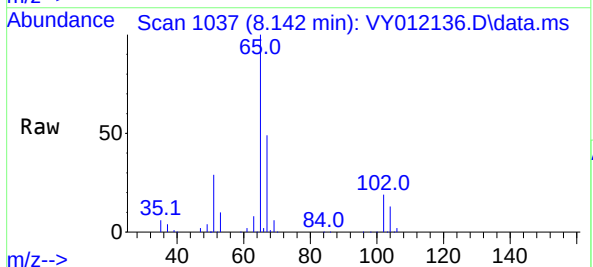
Instrument :
MSVOA_Y
ClientSampleId :



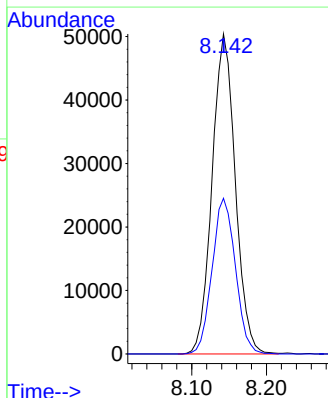
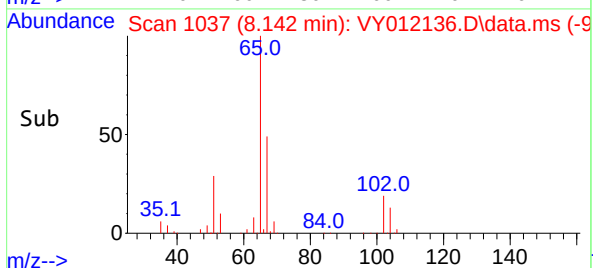
Tgt Ion: 56 Resp: 3639
Ion Ratio Lower Upper
56 100
69 202.3 29.2 43.8#
84 142.8 72.6 108.8#

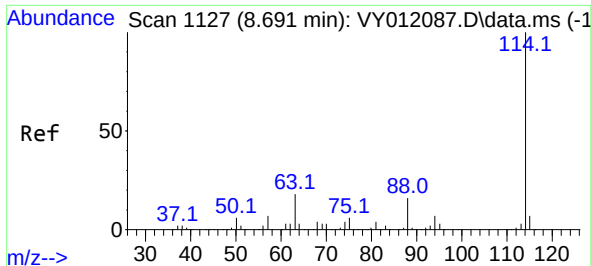


#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59



Tgt Ion: 65 Resp: 108938
Ion Ratio Lower Upper
65 100
67 48.9 0.0 103.2

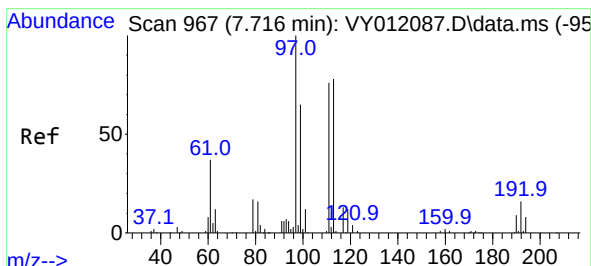
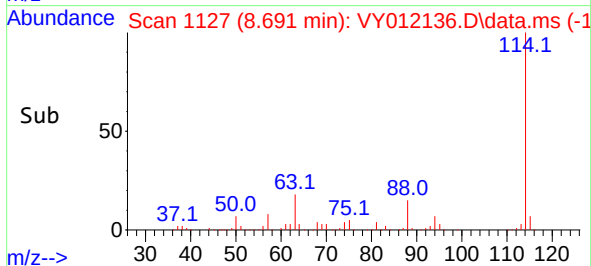
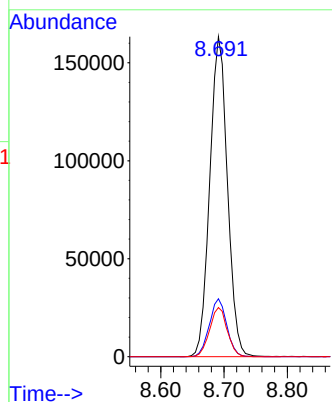
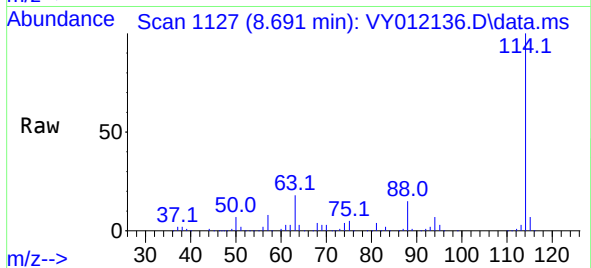




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

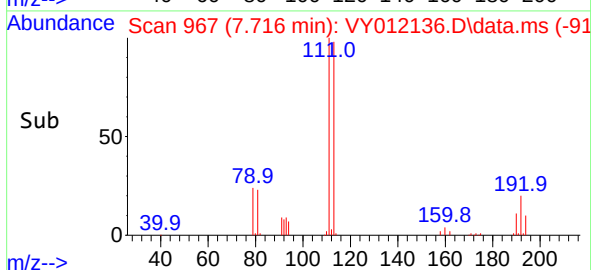
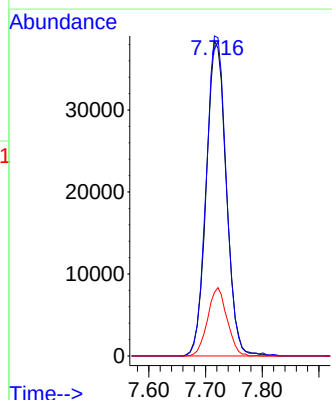
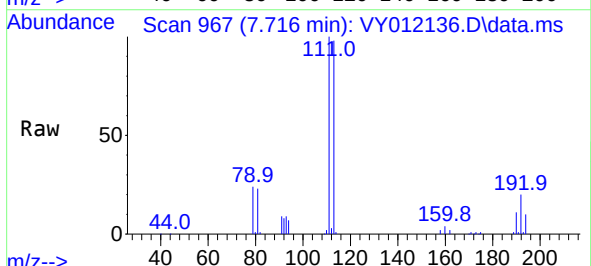
Instrument :
MSVOA_Y
ClientSampleId :

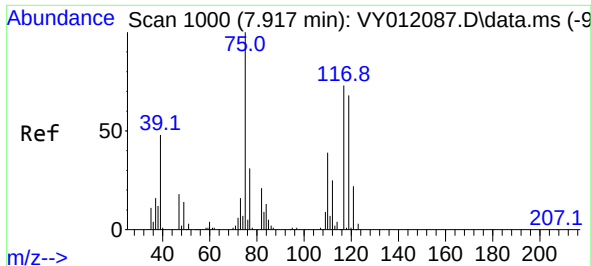
Tgt Ion:114 Resp: 316417
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.6
88 15.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.101 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Tgt Ion:113 Resp: 93798
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 21.1 16.0 24.0

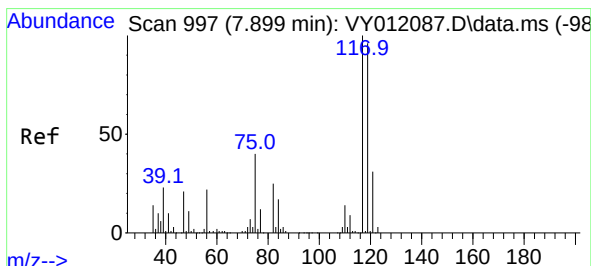
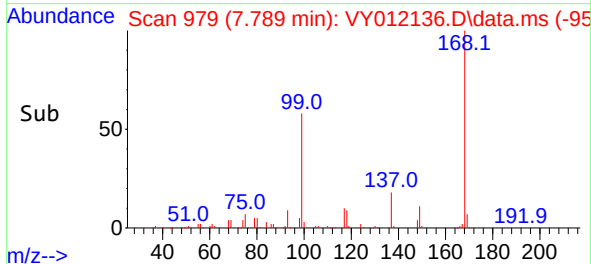
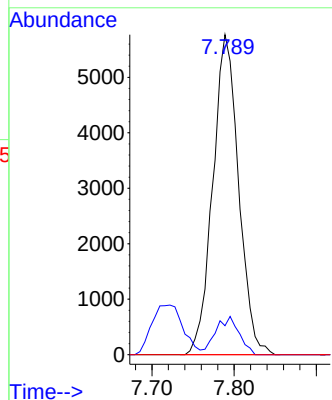
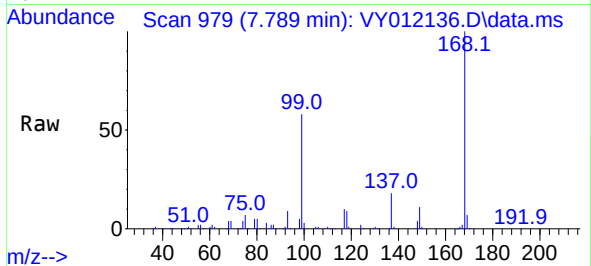




#36
1,1-Dichloropropene
Concen: 3.991 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

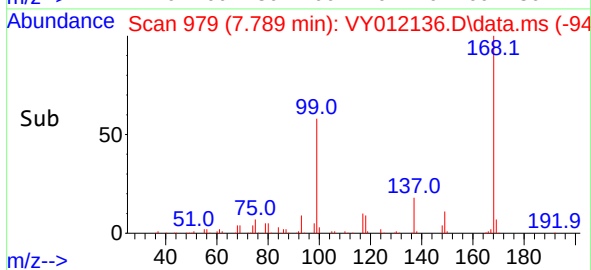
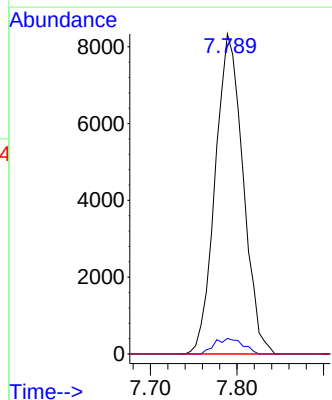
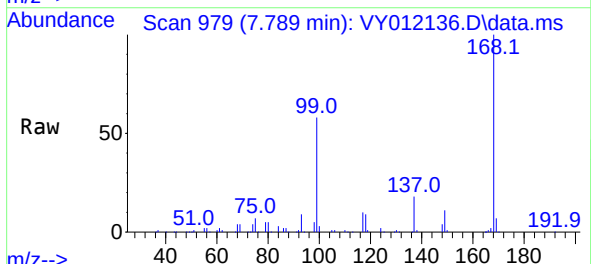
Instrument :
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ClientSampleId :

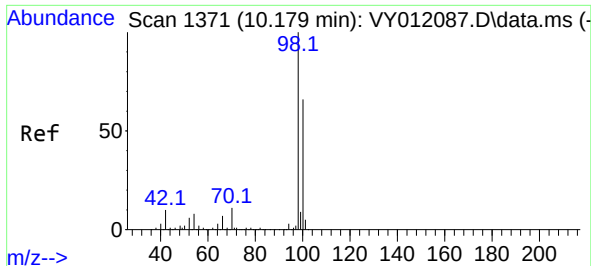
Tgt Ion: 75 Resp: 12593
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.647 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Tgt Ion: 117 Resp: 18612
Ion Ratio Lower Upper
117 100
119 4.9 73.8 110.8#
121 0.0 25.2 37.8#

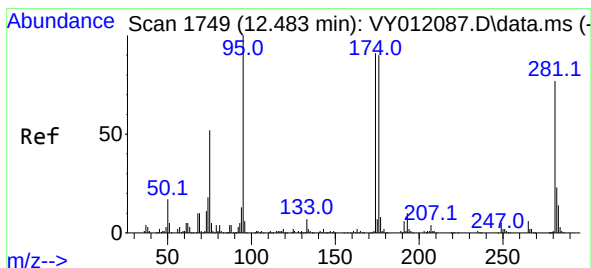
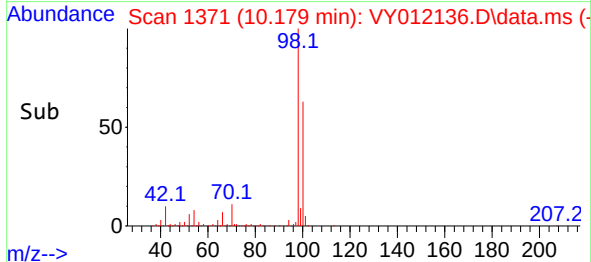
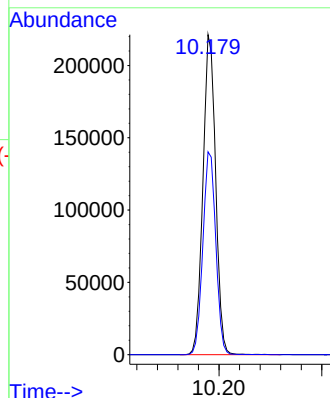
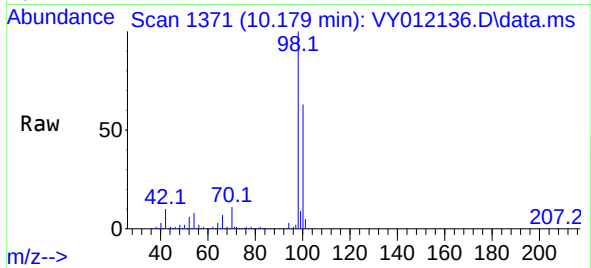




#50
Toluene-d8
Concen: 46.144 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

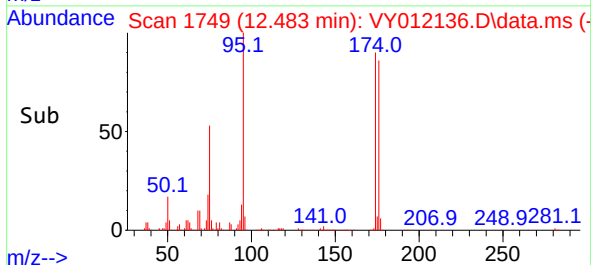
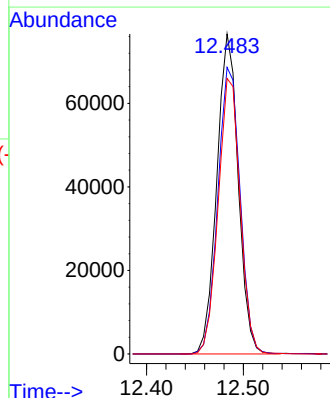
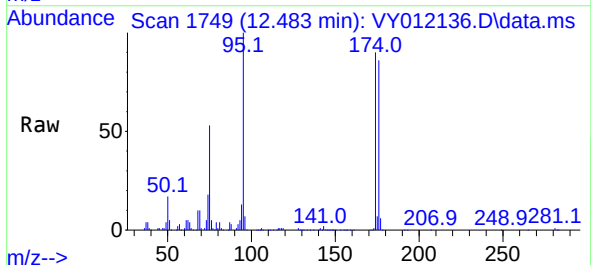
Instrument :
MSVOA_Y
ClientSampleId :

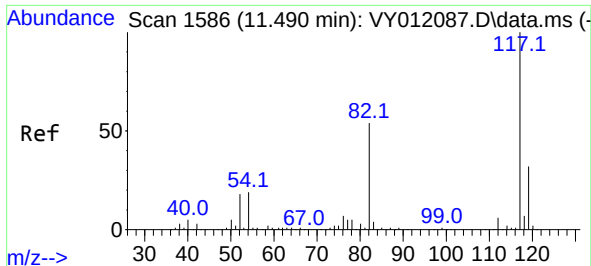
Tgt Ion: 98 Resp: 378786
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

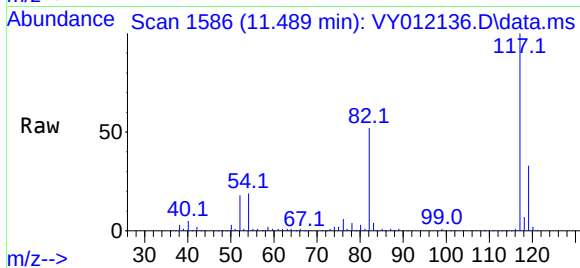
Tgt Ion: 95 Resp: 117629
Ion Ratio Lower Upper
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174 93.1 0.0 172.0
176 88.4 0.0 167.6



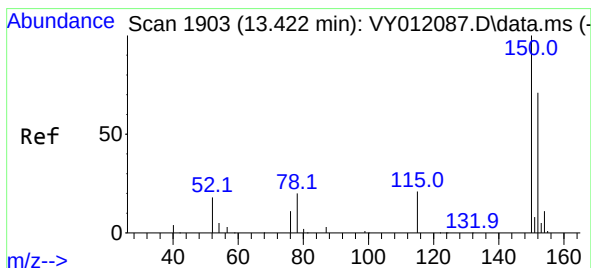
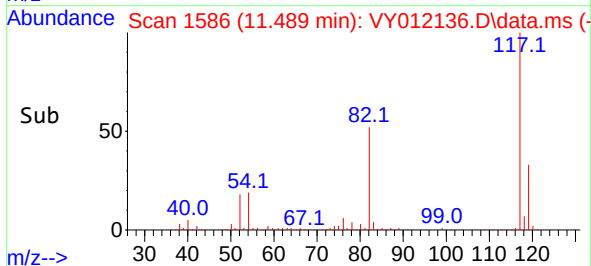
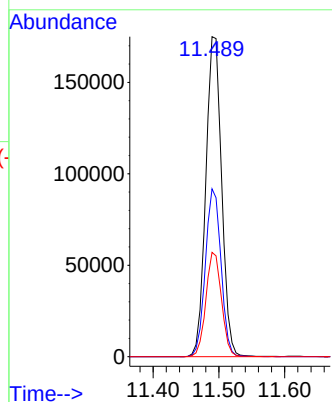


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

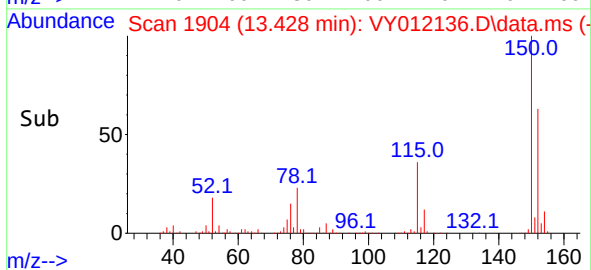
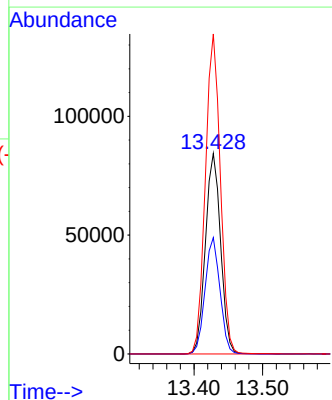
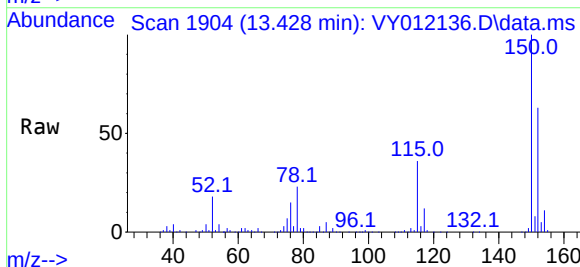


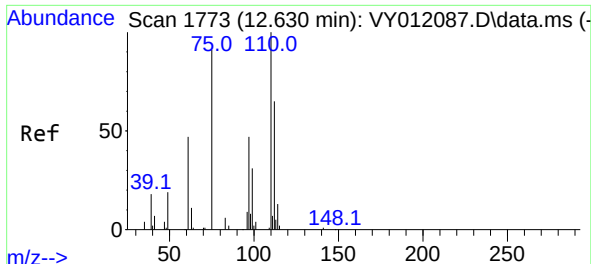
Tgt Ion:117 Resp: 293098
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Tgt Ion:152 Resp: 130354
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 157.5 0.0 342.6

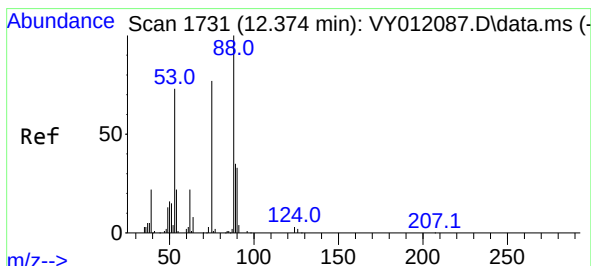
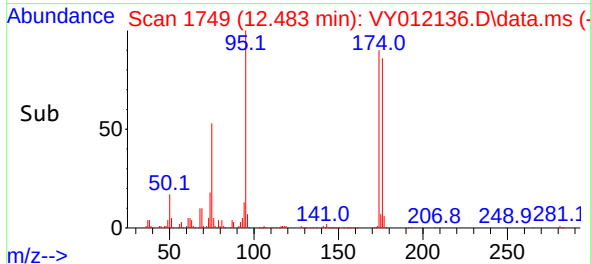
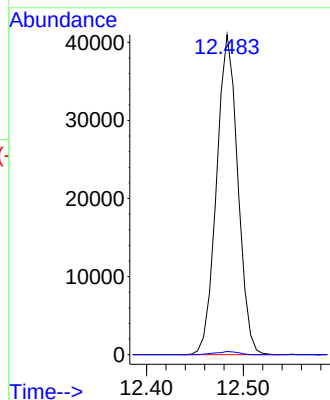
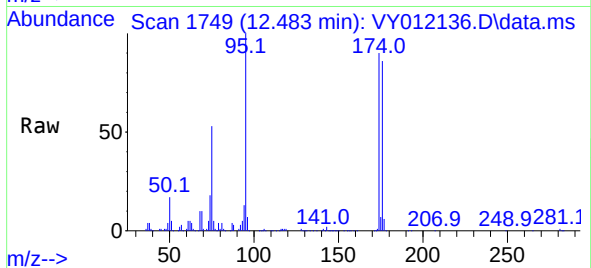




#76
1,2,3-Trichloropropane
Concen: 41.979 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

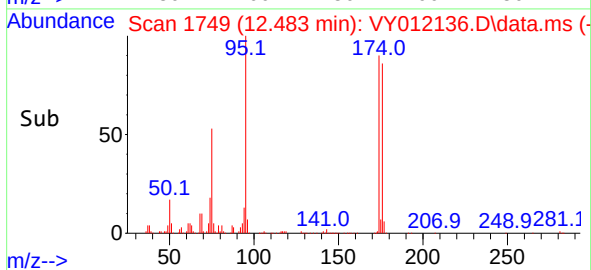
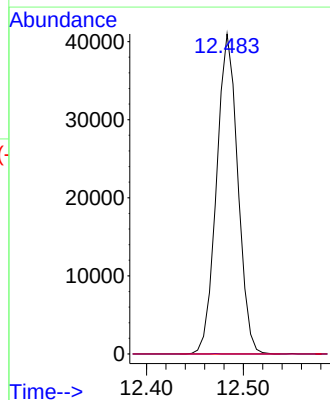
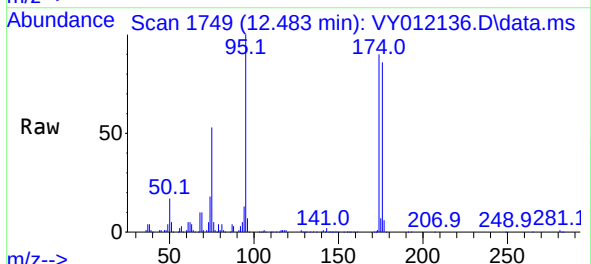
Instrument :
MSVOA_Y
ClientSampleId :

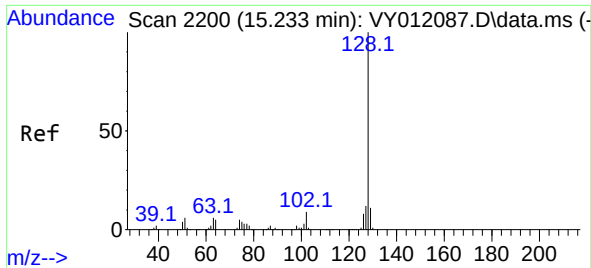
Tgt Ion: 75 Resp: 62481
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

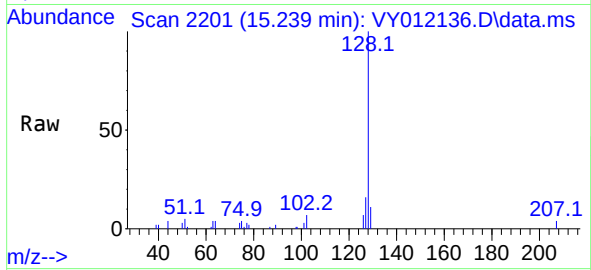
Tgt Ion: 75 Resp: 62481
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 1.563 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY012136.D
Acq: 10 Jan 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	8471
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	12.1	8.8	13.2

