

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012731.D
 Acq On : 27 Feb 2023 12:53
 Operator : KP/MD
 Sample : 01611-02RE
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-26-SB02

Quant Time: Feb 28 00:22:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73279	60.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.740%
35) Dibromofluoromethane	7.716	113	64770	58.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.660%
50) Toluene-d8	10.179	98	219736	52.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.483	95	56217	42.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.460%

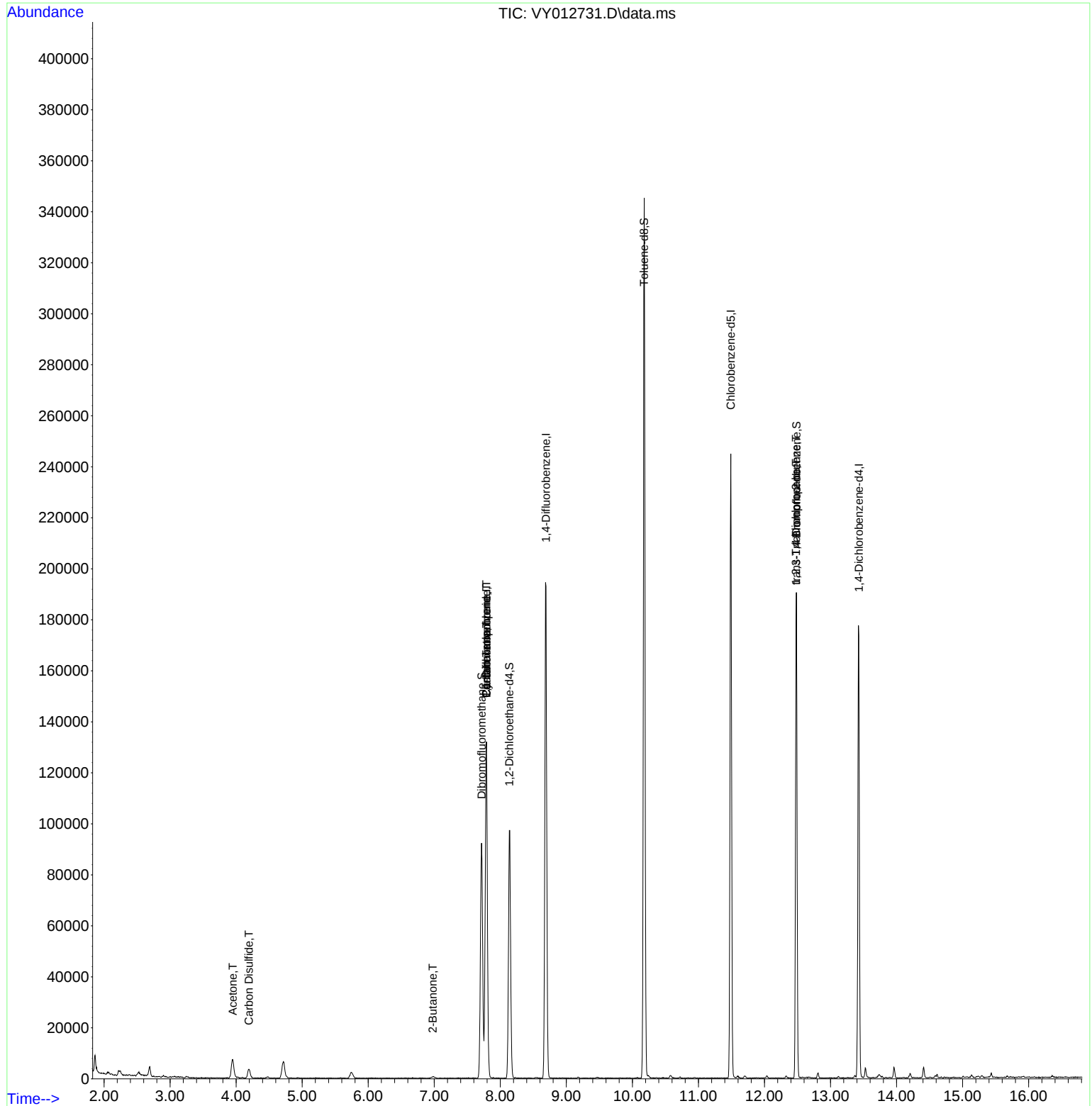
Target Compounds					Qvalue	
3) Chloromethane	2.119	50	468	Below Cal	#	83
16) Acetone	3.948	43	13103	33.080	ug/l	94
17) Carbon Disulfide	4.192	76	6936	1.898	ug/l	# 94
20) Methylene Chloride	4.716	84	4727	Below Cal	#	79
25) 2-Butanone	6.978	43	766	1.457	ug/l	# 52
31) Cyclohexane	7.789	56	2524	1.197	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	7827	4.447	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	9554	5.250	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	28899	50.483	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	28899	106.949	ug/l	# 10

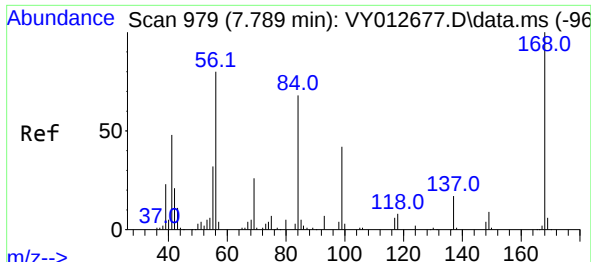
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
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B-26-SB02

Quant Time: Feb 28 00:22:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

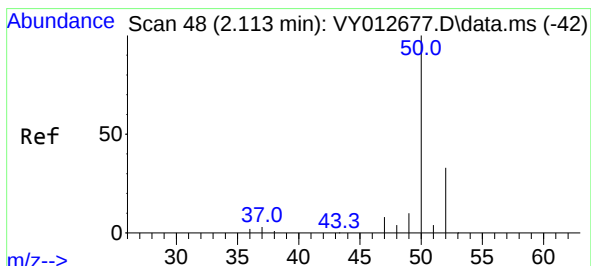
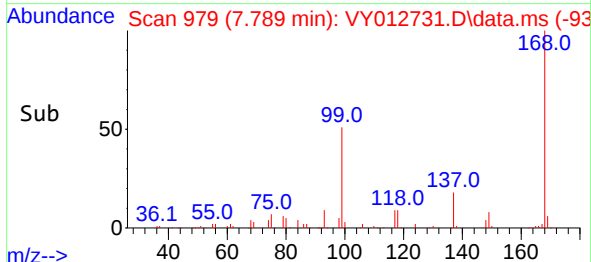
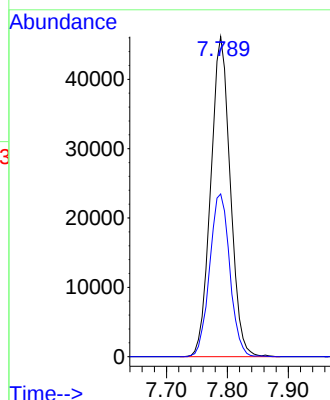
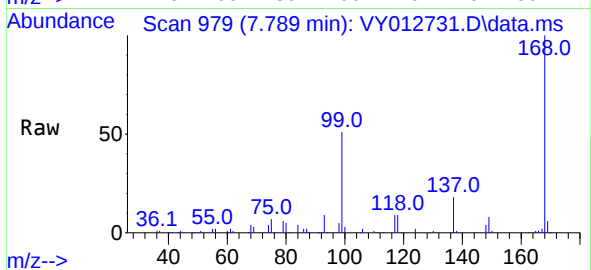




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

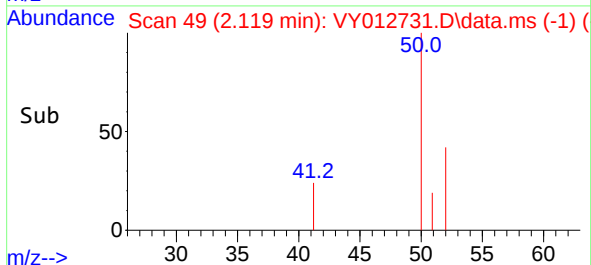
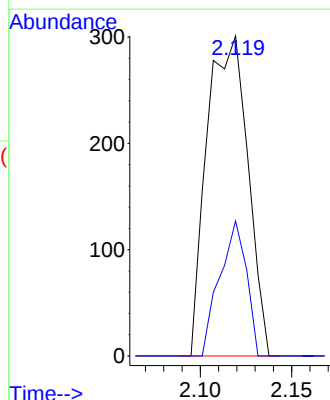
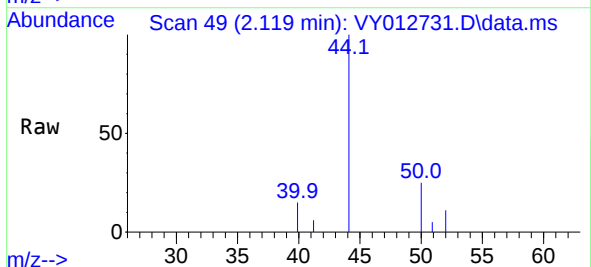
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

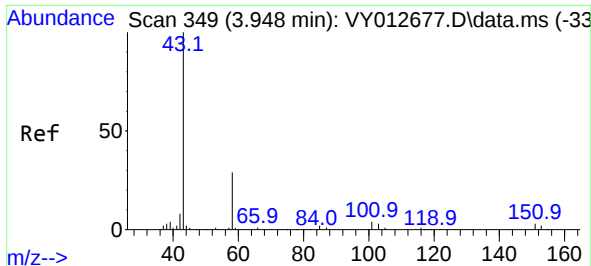
Tgt Ion:168 Resp: 102780
Ion Ratio Lower Upper
168 100
99 50.9 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 50 Resp: 468
Ion Ratio Lower Upper
50 100
52 42.2 26.1 39.1#

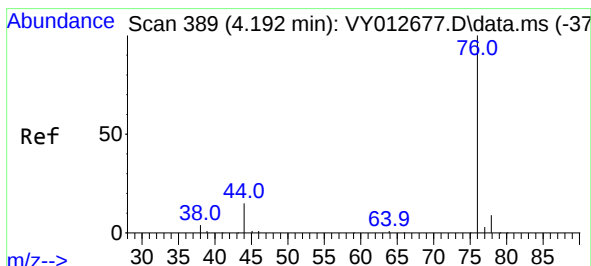
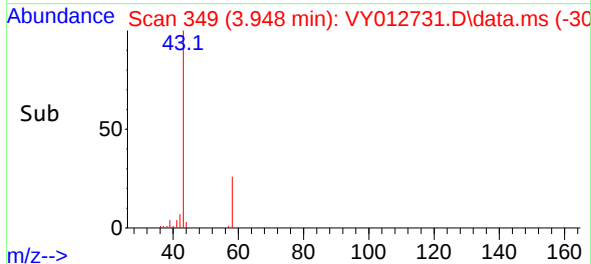
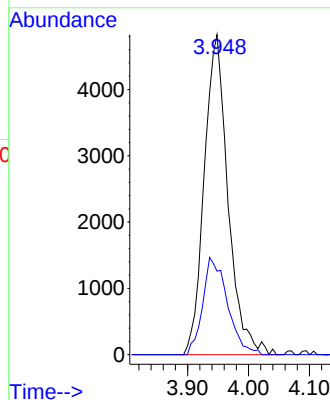
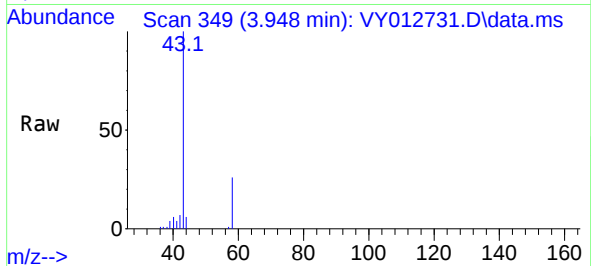




#16
Acetone
Concen: 33.080 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

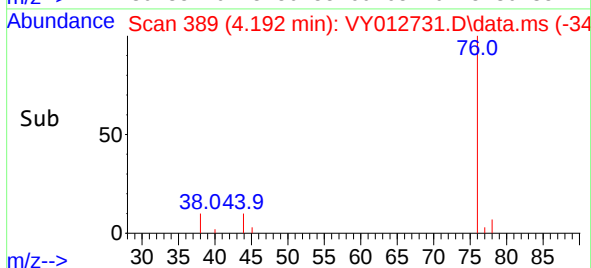
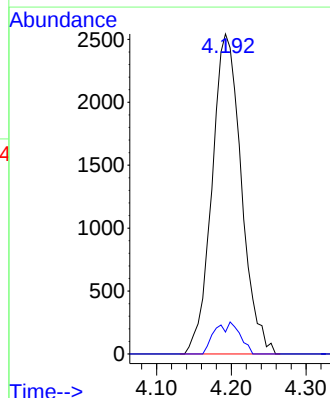
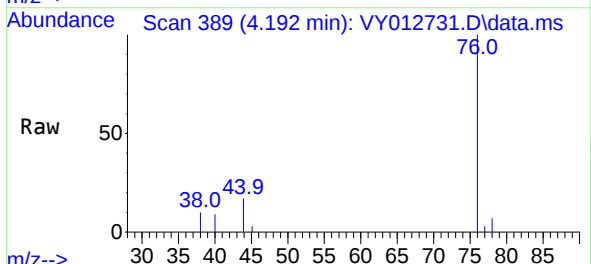
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

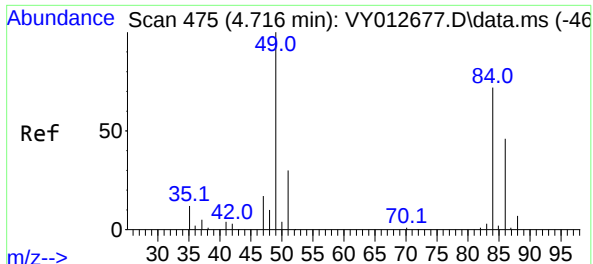
Tgt Ion: 43 Resp: 13103
Ion Ratio Lower Upper
43 100
58 26.1 23.3 34.9



#17
Carbon Disulfide
Concen: 1.898 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 76 Resp: 6936
Ion Ratio Lower Upper
76 100
78 6.8 7.1 10.7#



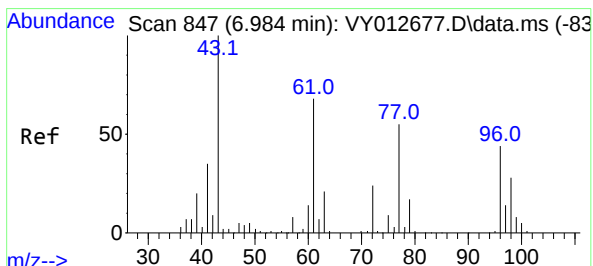
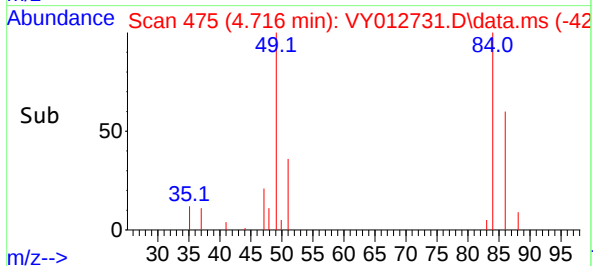
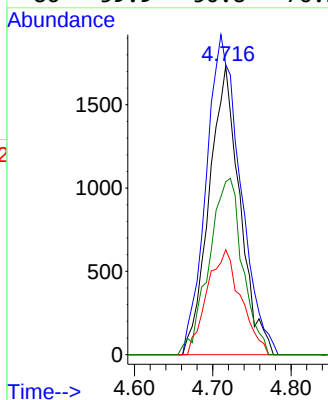
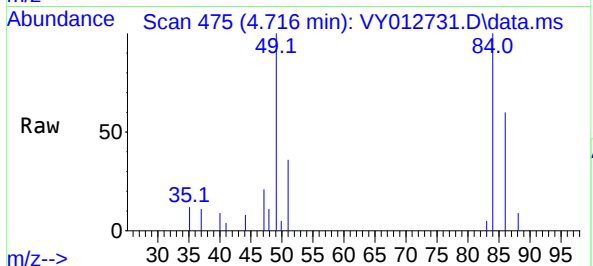


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

Tgt Ion: 84 Resp: 4727

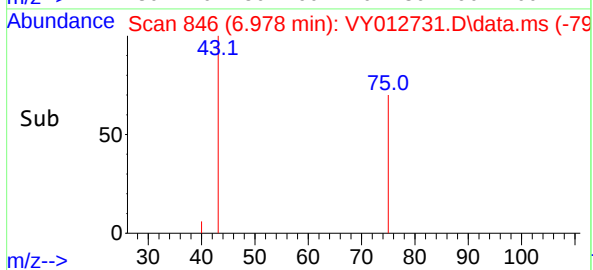
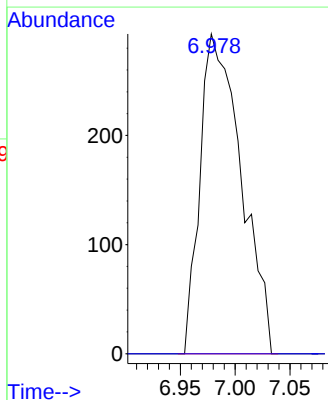
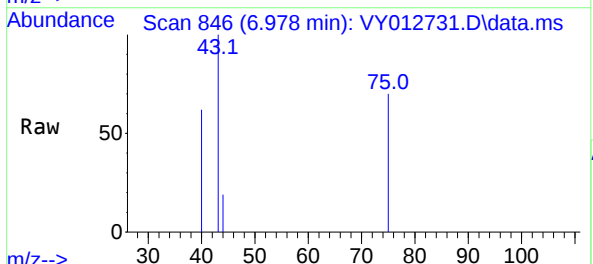
Ion	Ratio	Lower	Upper
84	100		
49	100.5	111.1	166.7#
51	36.4	33.5	50.3
86	59.9	50.8	76.2

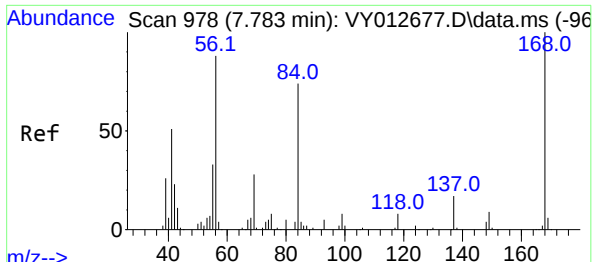


#25
2-Butanone
Concen: 1.457 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 43 Resp: 766

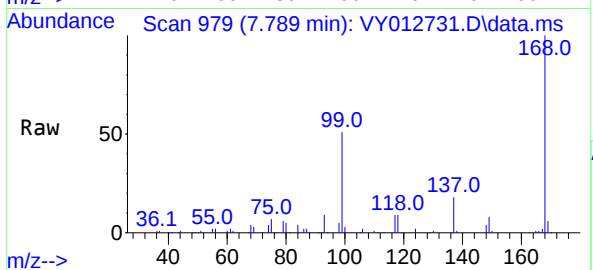
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.8	28.2#



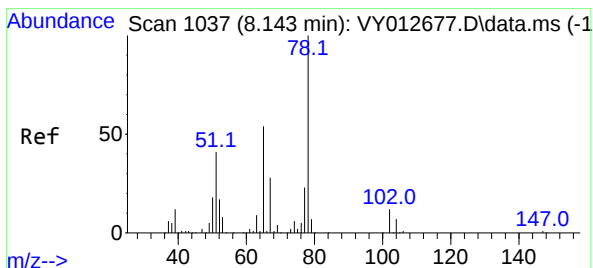
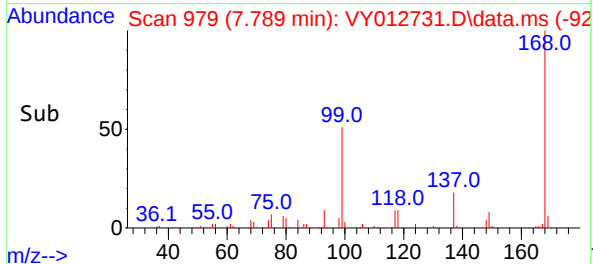
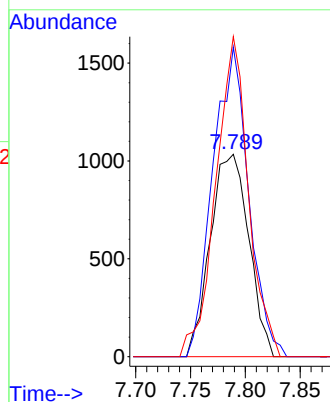


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

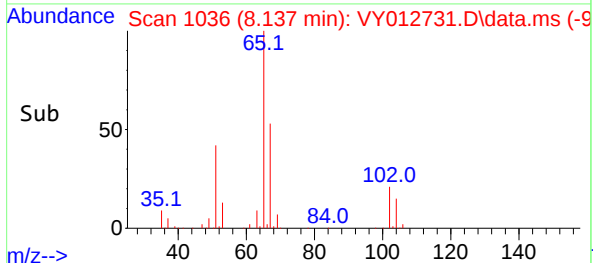
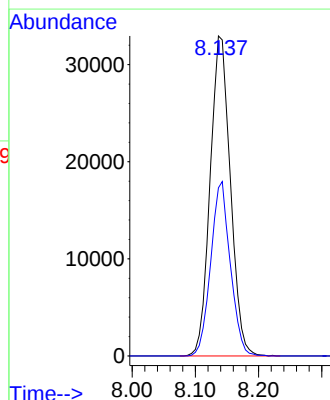
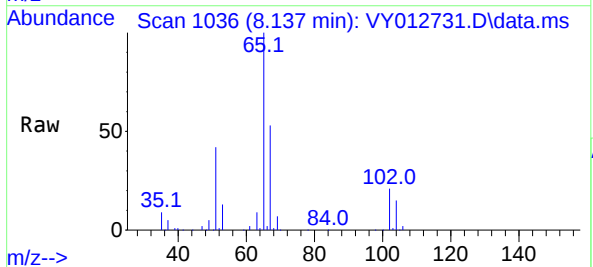


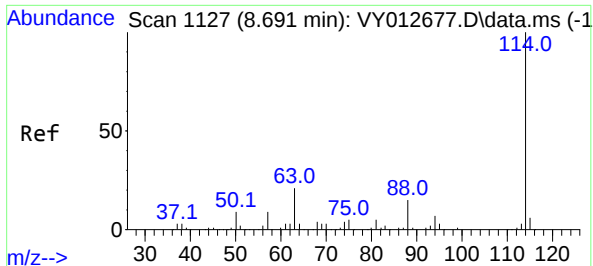
Tgt Ion: 56 Resp: 2524
Ion Ratio Lower Upper
56 100
69 153.0 25.4 38.2#
84 158.1 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 60.368 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 65 Resp: 73279
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

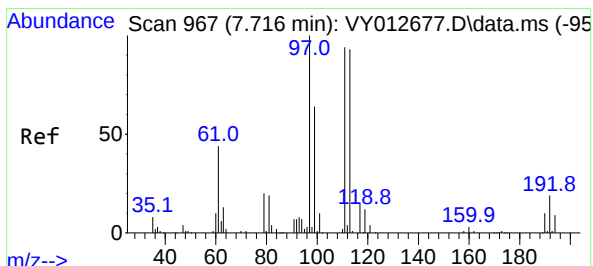
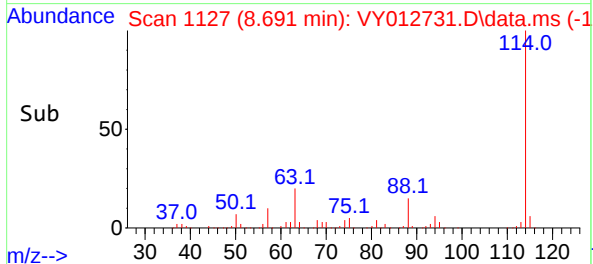
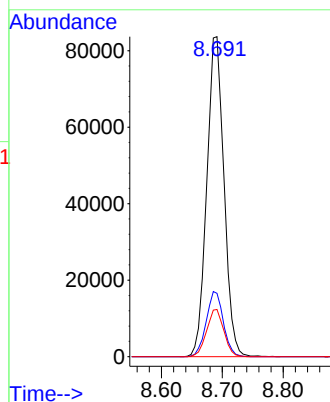
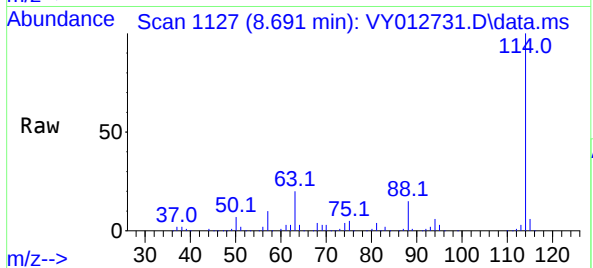




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

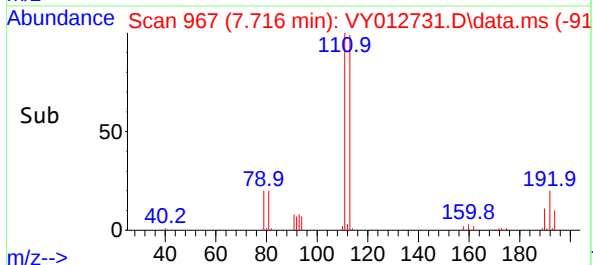
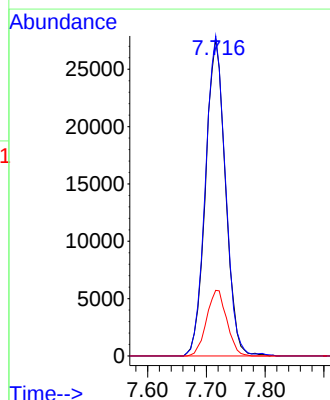
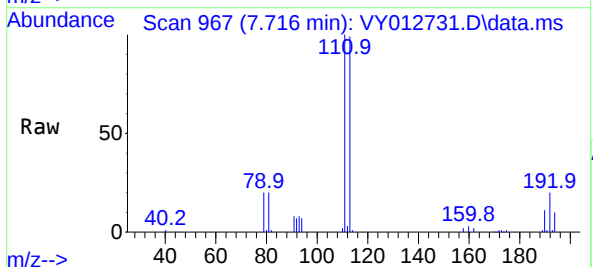
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

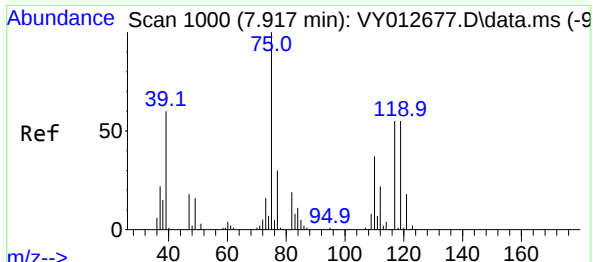
Tgt Ion:114 Resp: 164393
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 14.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 58.332 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion:113 Resp: 64770
Ion Ratio Lower Upper
113 100
111 101.3 82.0 123.0
192 21.1 16.2 24.2

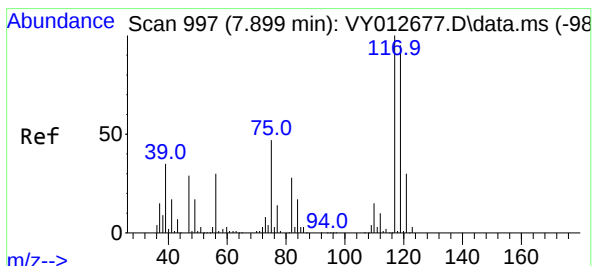
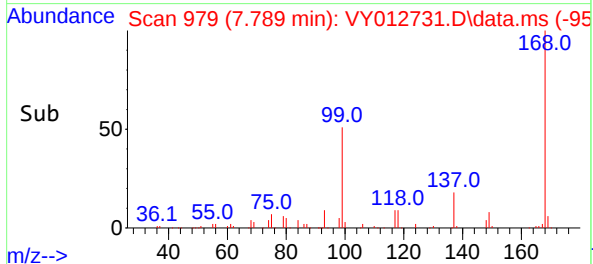
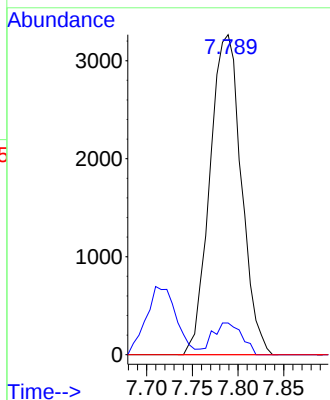
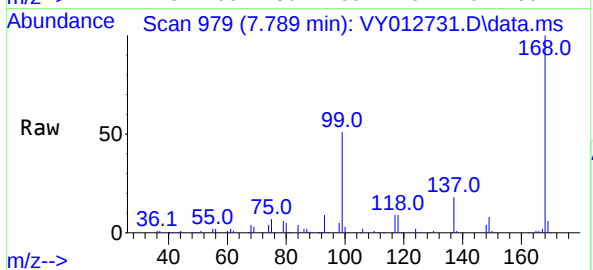




#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

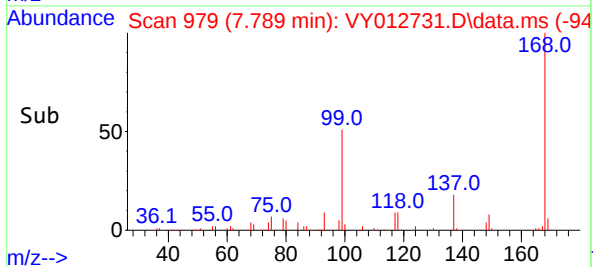
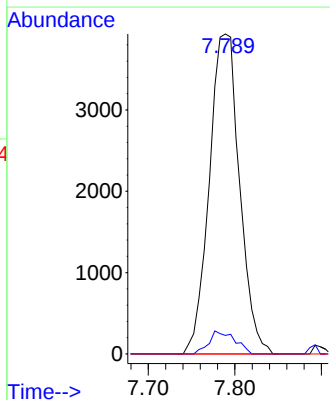
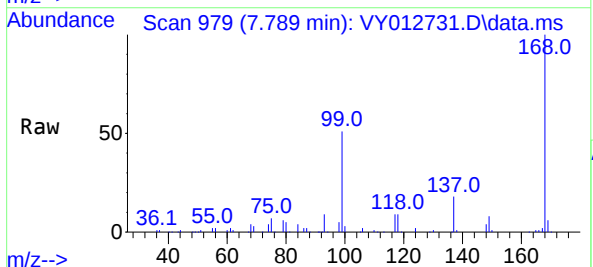
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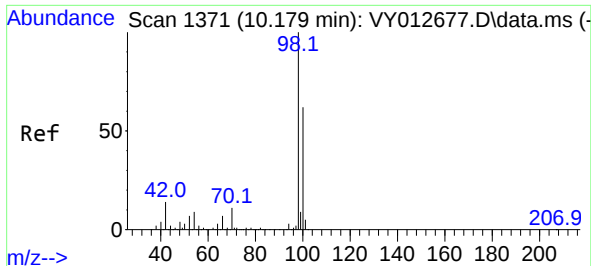
Tgt Ion: 75 Resp: 7827
Ion Ratio Lower Upper
75 100
110 9.4 17.6 52.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 117 Resp: 9554
Ion Ratio Lower Upper
117 100
119 5.8 75.5 113.3#
121 0.0 23.8 35.8#

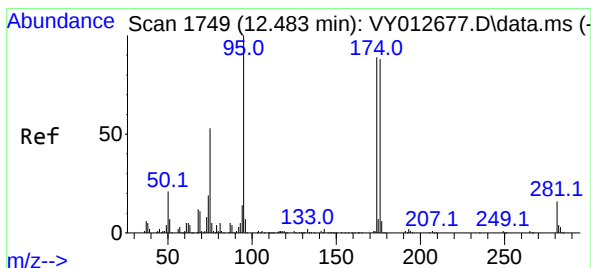
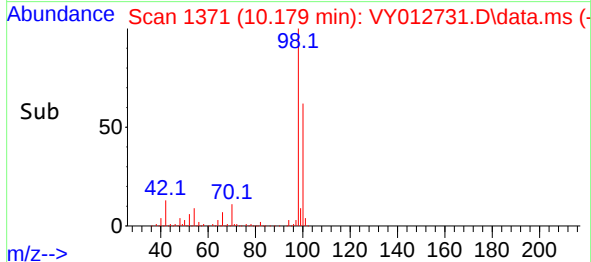
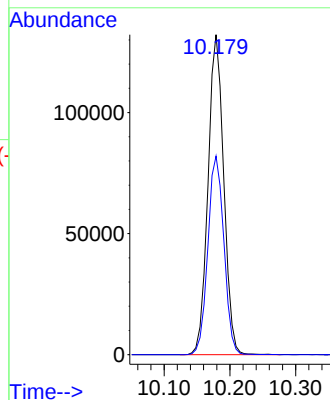
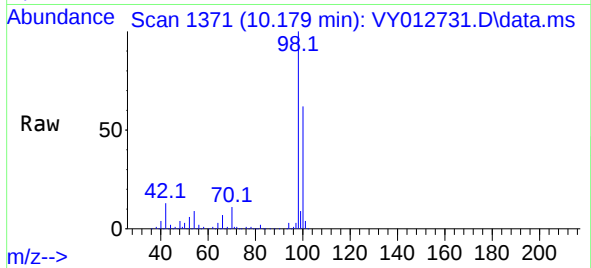




#50
Toluene-d8
Concen: 52.823 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

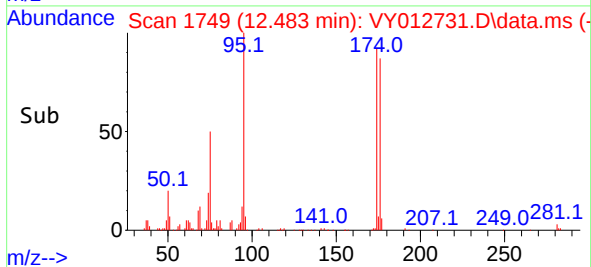
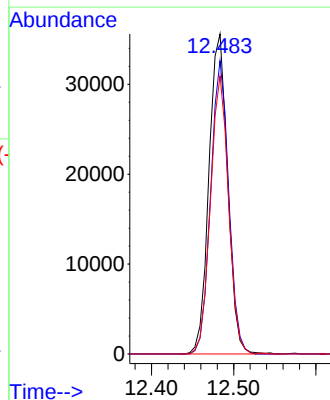
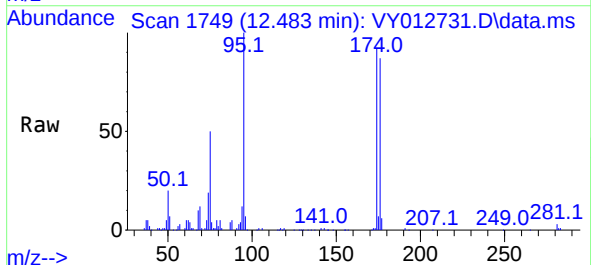
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

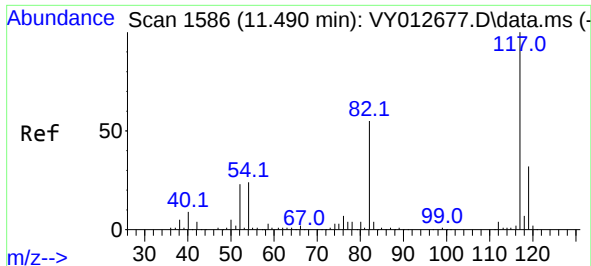
Tgt Ion: 98 Resp: 219736
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 95 Resp: 56217
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.8
176 84.3 0.0 169.4

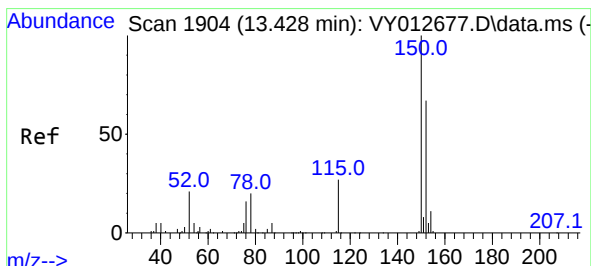
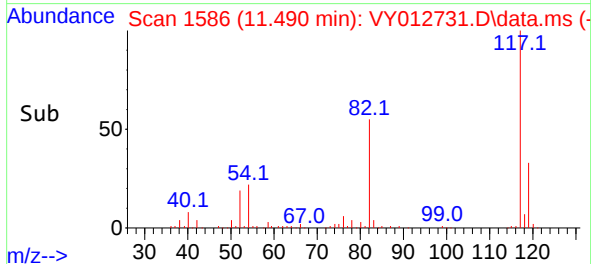
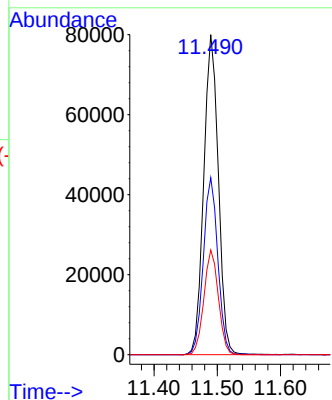
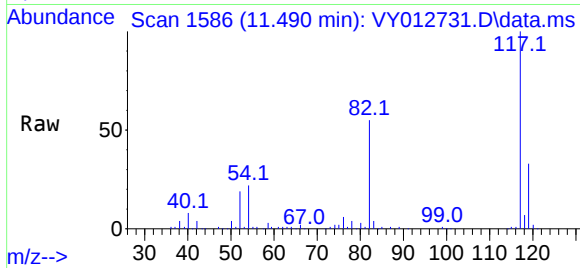




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

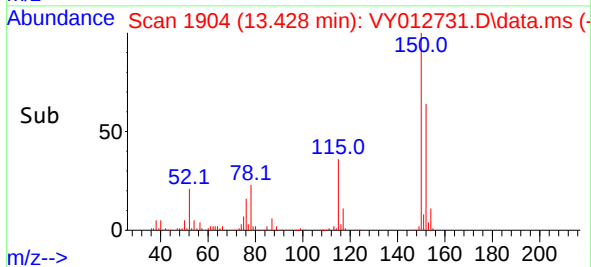
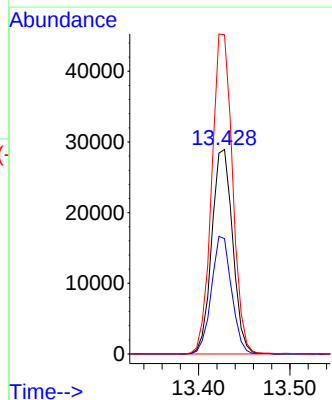
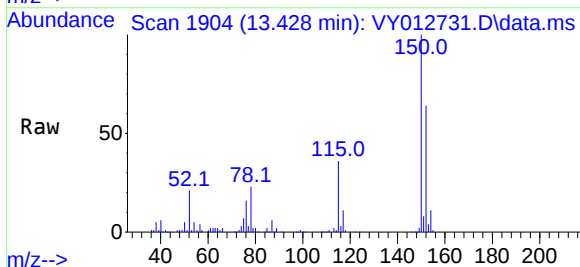
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

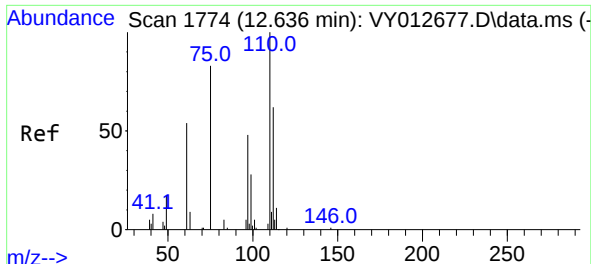
Tgt Ion:117 Resp: 128963
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion:152 Resp: 45918
Ion Ratio Lower Upper
152 100
115 55.7 28.7 86.3
150 155.7 0.0 347.6

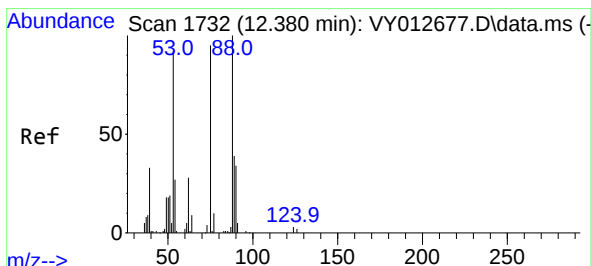
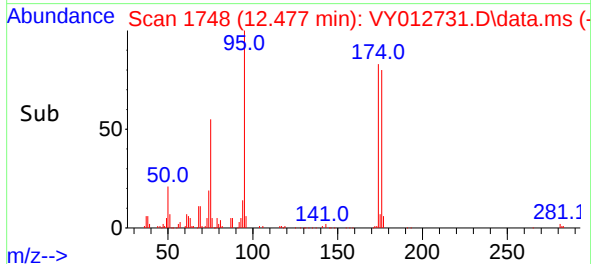
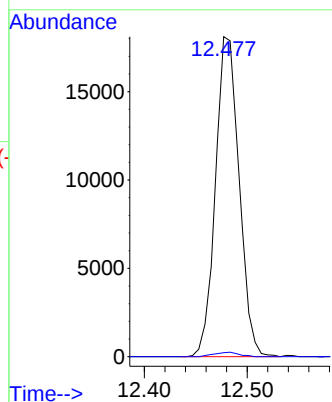
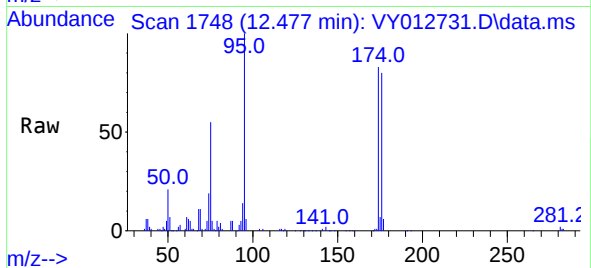




#76
1,2,3-Trichloropropane
Concen: 50.483 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

Tgt Ion: 75 Resp: 28899
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.949 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 75 Resp: 28899
Ion Ratio Lower Upper
75 100
53 0.2 80.4 120.6#
89 0.0 36.5 54.7#

