

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012734.D
 Acq On : 27 Feb 2023 14:11
 Operator : KP/MD
 Sample : 01701-01
 Misc : 2.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-19-SB01

Quant Time: Feb 28 00:22:37 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)

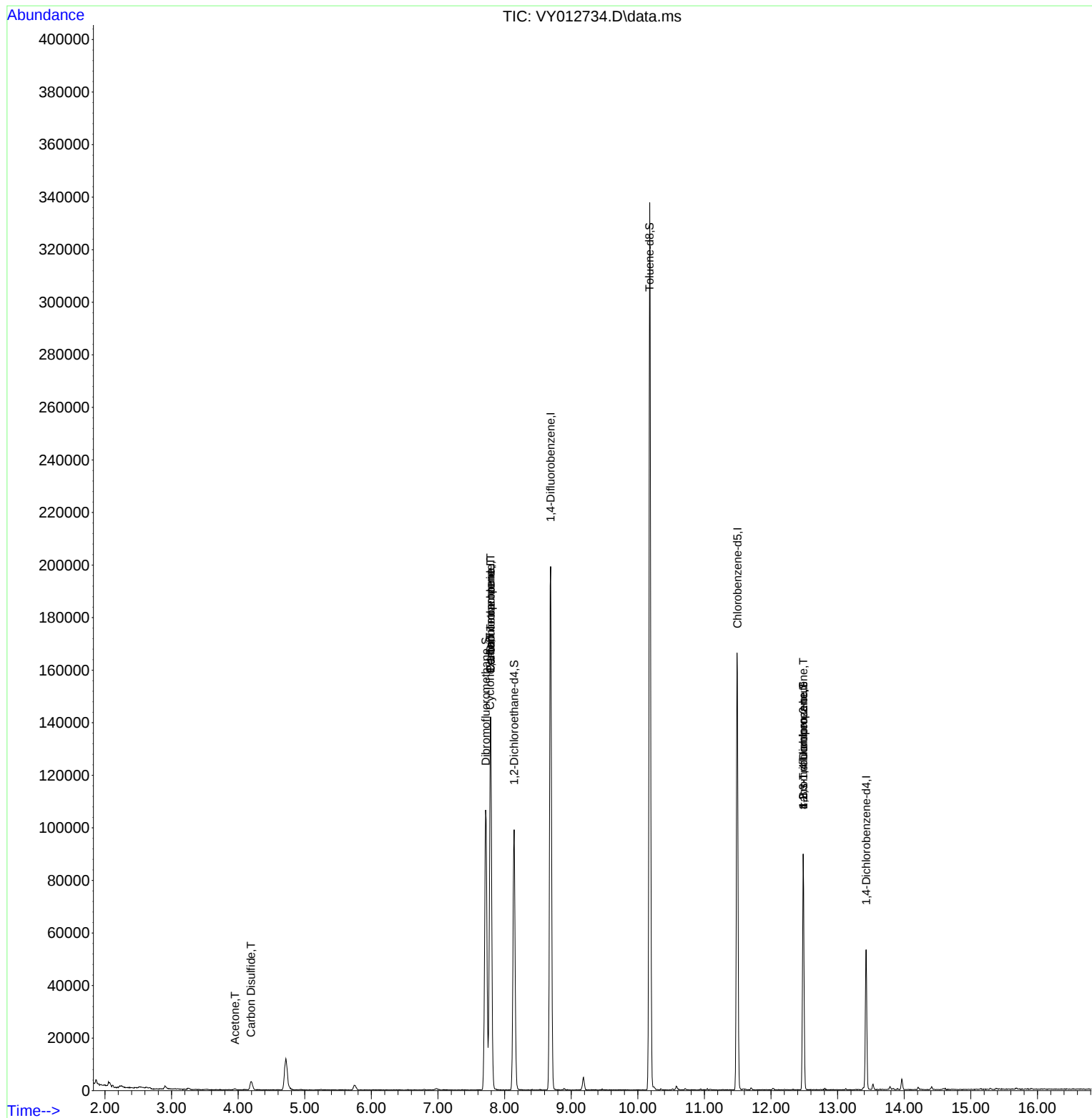
Internal Standards						
1) Pentafluorobenzene	7.789	168	110032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	89129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74700	57.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.715	113	76132	66.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.620%
50) Toluene-d8	10.178	98	210132	49.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.483	95	23822	17.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	610	Below Cal	#	82
16) Acetone	3.954	43	613	1.446	ug/l #	65
17) Carbon Disulfide	4.192	76	6449	1.649	ug/l	97
31) Cyclohexane	7.783	56	3287	1.456	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	8231	4.557	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10740	5.751	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	12534	74.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12534	157.972	ug/l #	9

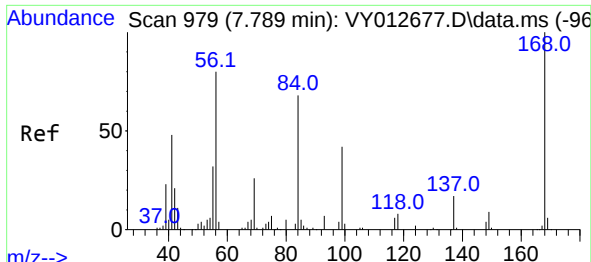
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01

Quant Time: Feb 28 00:22:37 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

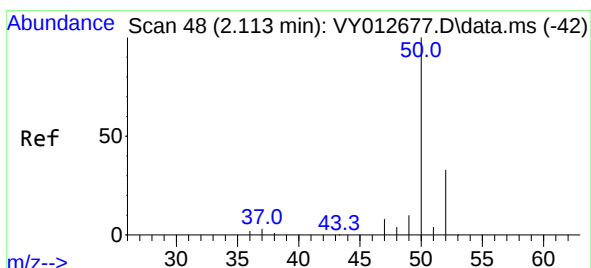
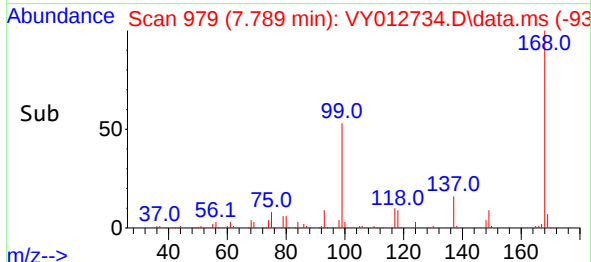
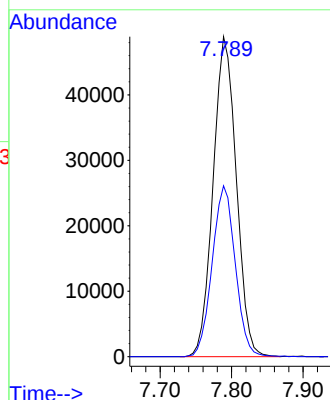
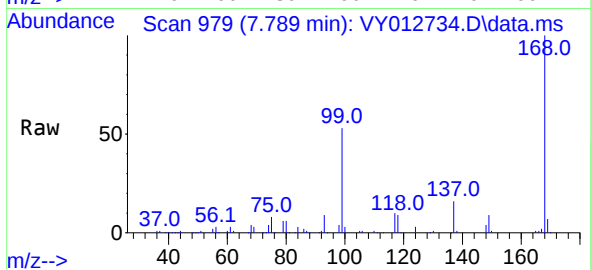




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

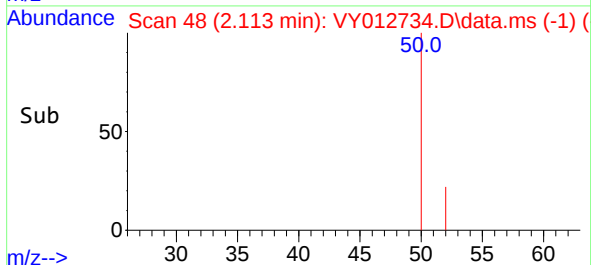
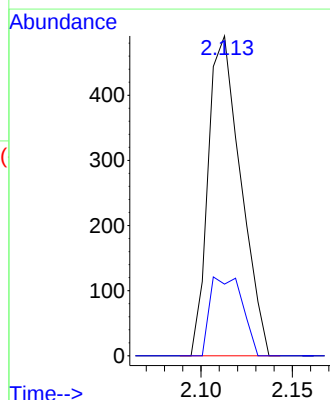
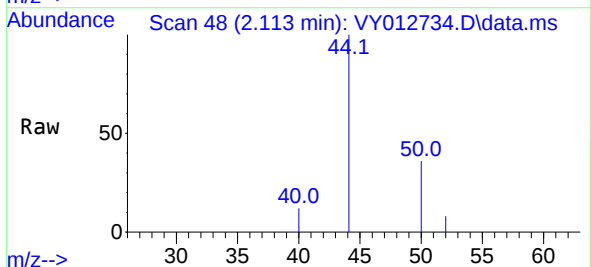
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01

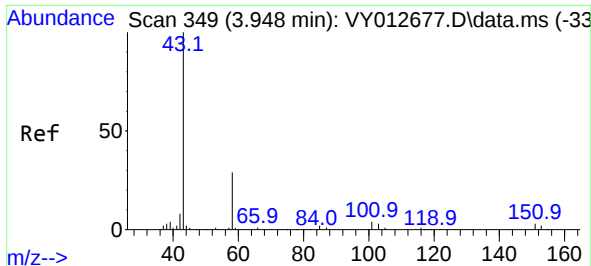
Tgt Ion:168 Resp: 110032
Ion Ratio Lower Upper
168 100
99 53.4 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion: 50 Resp: 610
Ion Ratio Lower Upper
50 100
52 22.4 26.1 39.1#

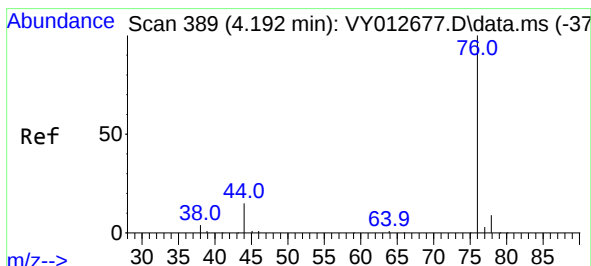
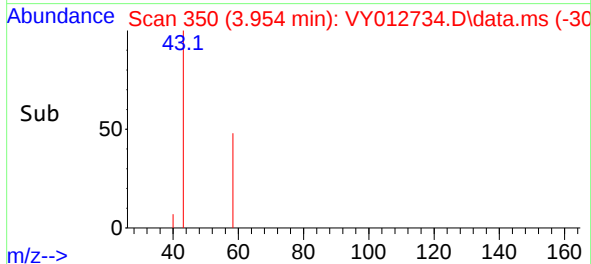
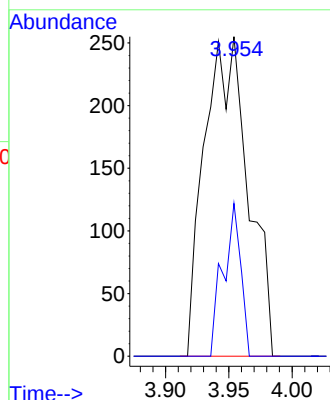
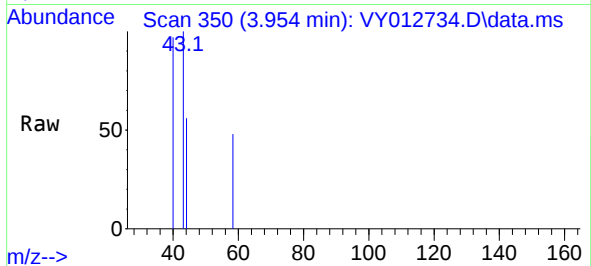




#16
Acetone
Concen: 1.446 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

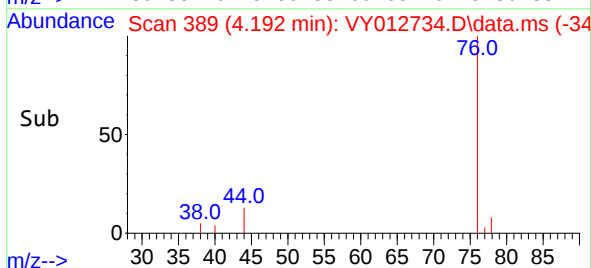
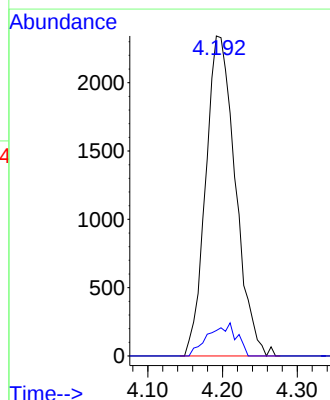
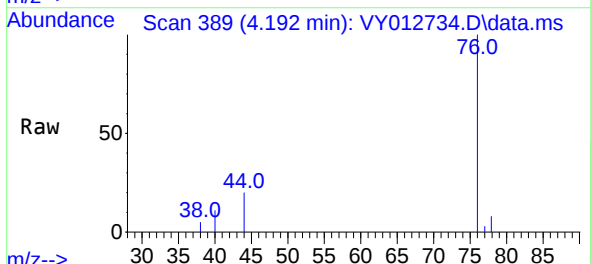
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01

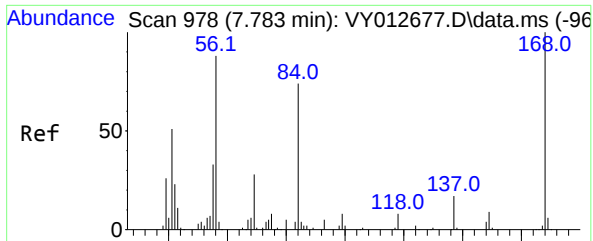
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 47.8 23.3 34.9#



#17
Carbon Disulfide
Concen: 1.649 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

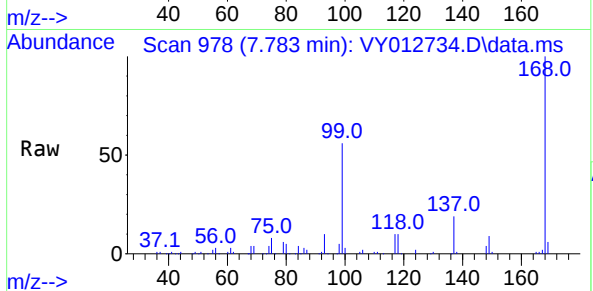
Tgt Ion: 76 Resp: 6449
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



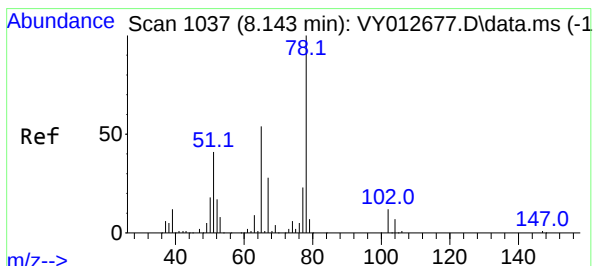
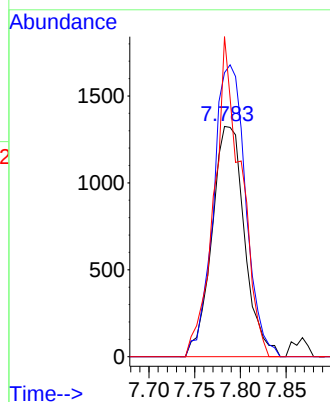
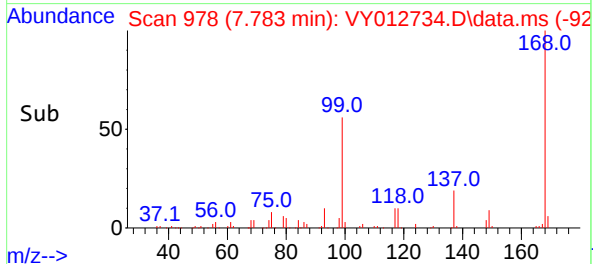


#31
Cyclohexane
Concen: 1.456 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

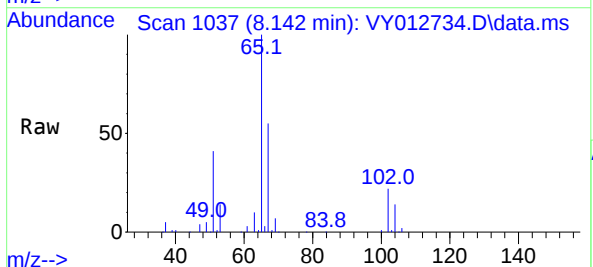
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01



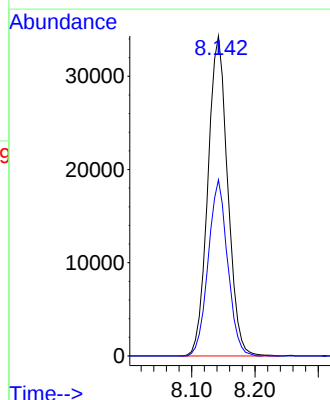
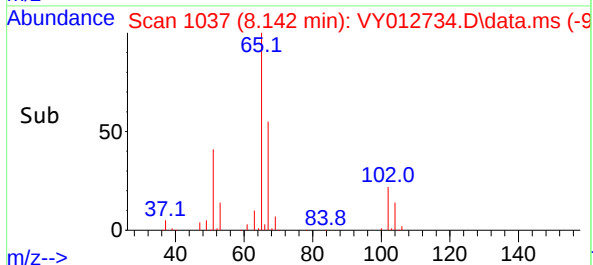
Tgt Ion: 56 Resp: 3287
Ion Ratio Lower Upper
56 100
69 123.3 25.4 38.2#
84 138.9 67.3 100.9#

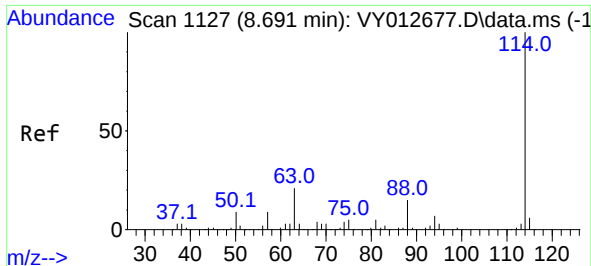


#33
1,2-Dichloroethane-d4
Concen: 57.482 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11



Tgt Ion: 65 Resp: 74700
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.6

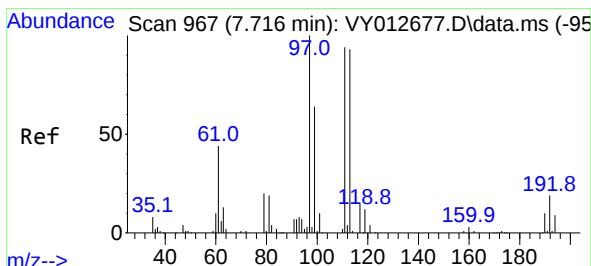
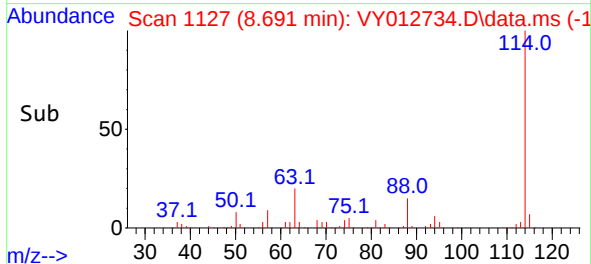
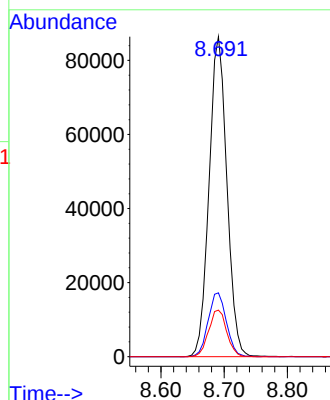
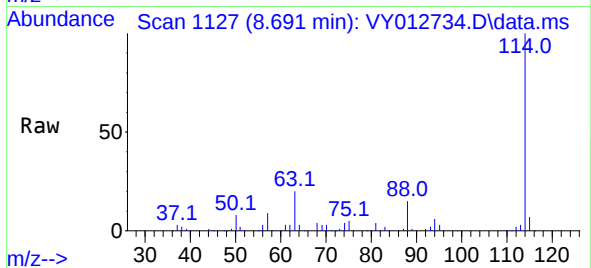




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

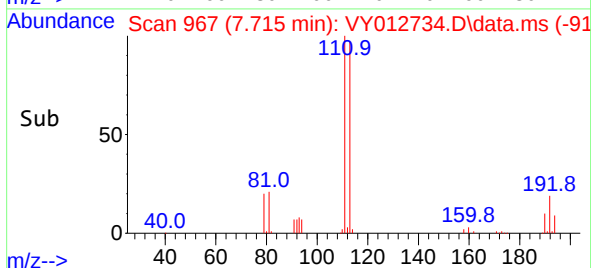
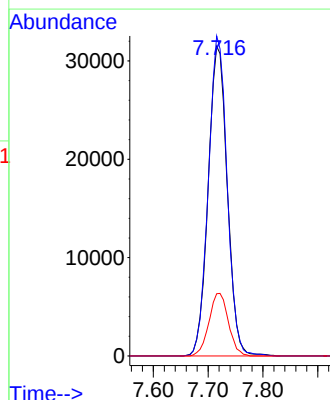
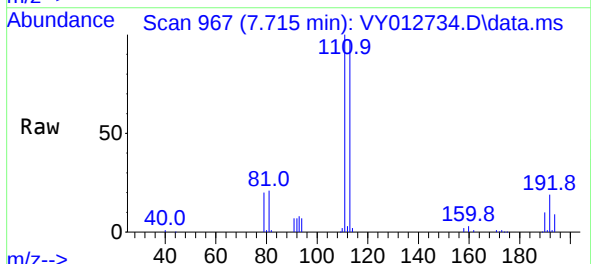
Instrument :
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ClientSampleId :
B-19-SB01

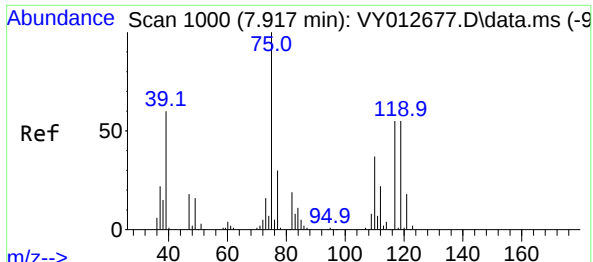
Tgt Ion:114 Resp: 168708
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 14.6 0.0 29.6



#35
Dibromofluoromethane
Concen: 66.811 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion:113 Resp: 76132
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 20.6 16.2 24.2

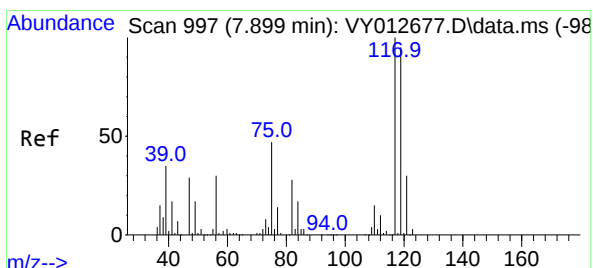
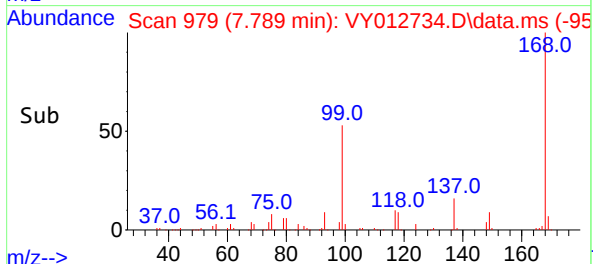
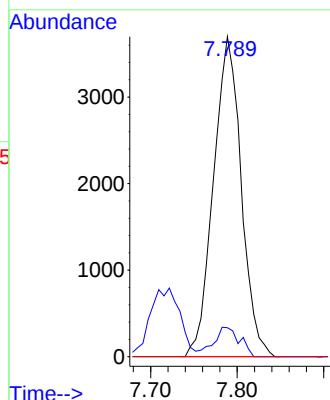
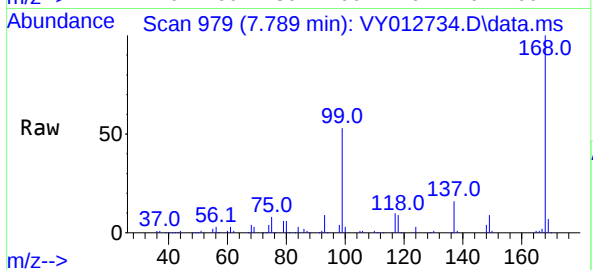




#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

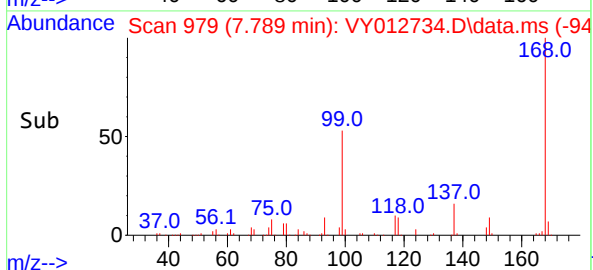
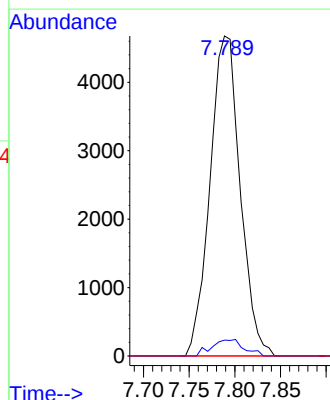
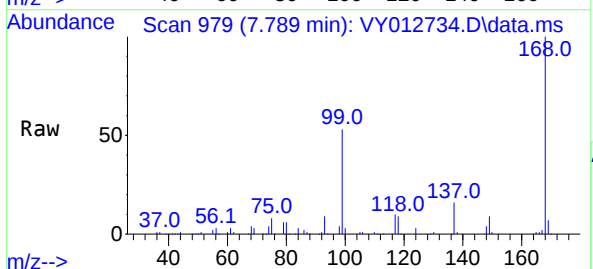
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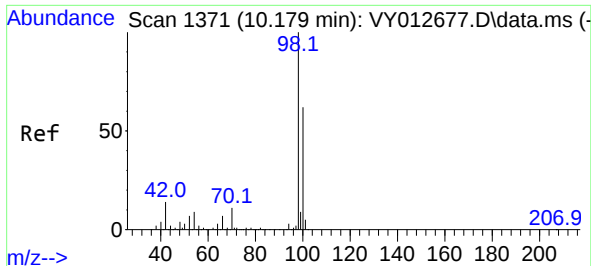
Tgt Ion: 75 Resp: 8231
Ion Ratio Lower Upper
75 100
110 8.7 17.6 52.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion: 117 Resp: 10740
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 23.8 35.8#

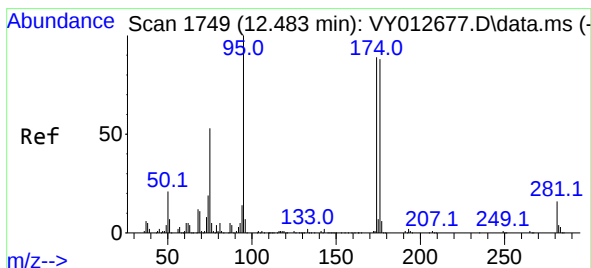
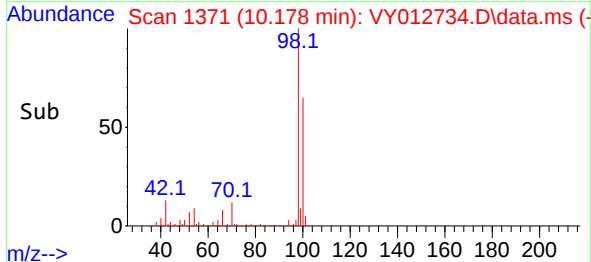
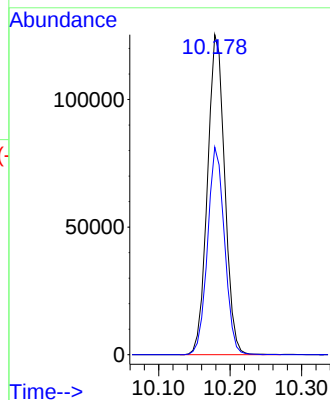
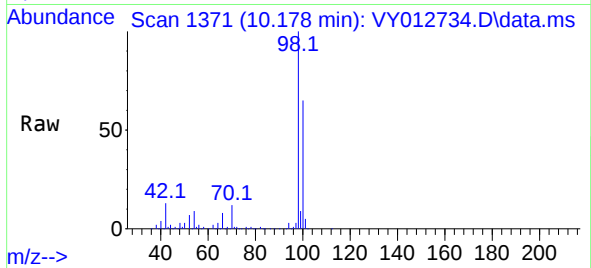




#50
Toluene-d8
Concen: 49.222 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

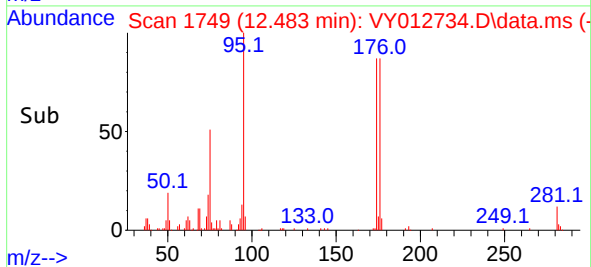
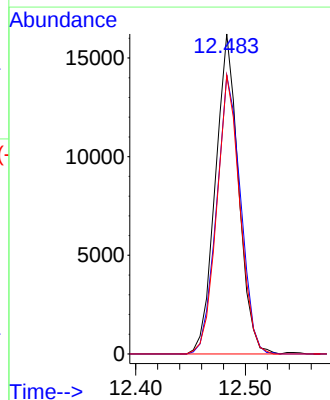
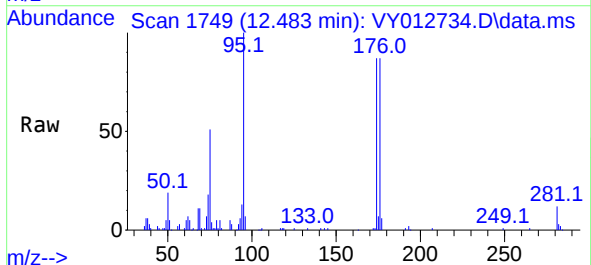
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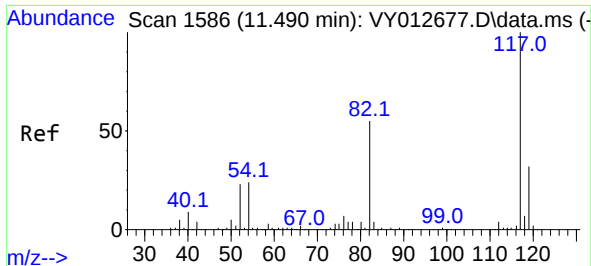
Tgt Ion: 98 Resp: 210132
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 17.437 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion: 95 Resp: 23822
Ion Ratio Lower Upper
95 100
174 90.2 0.0 172.8
176 86.6 0.0 169.4

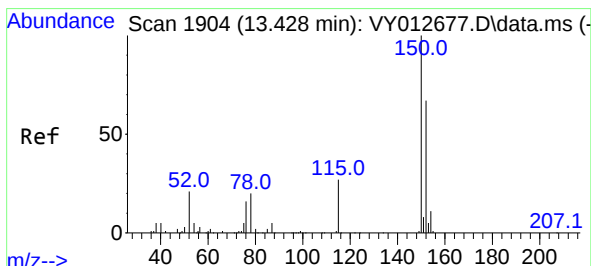
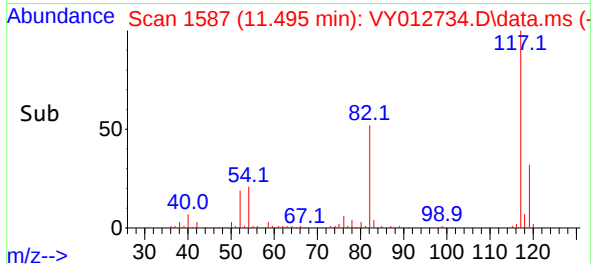
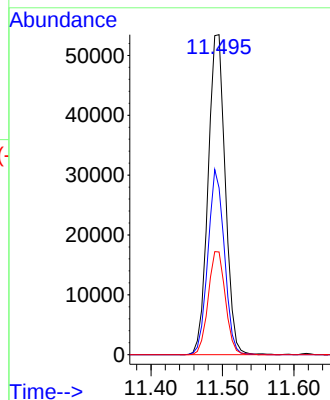
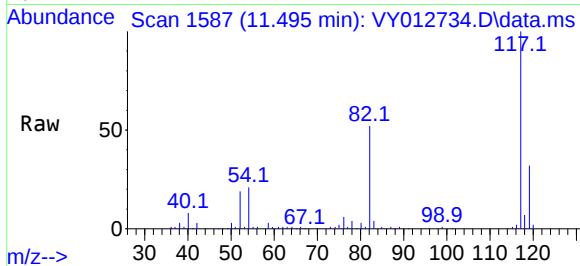




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

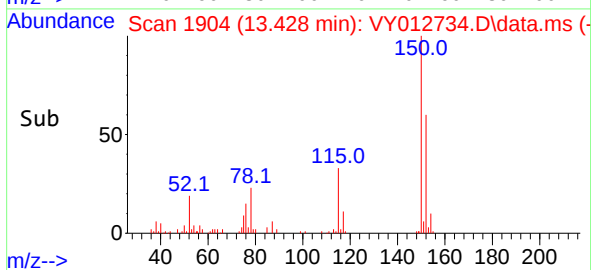
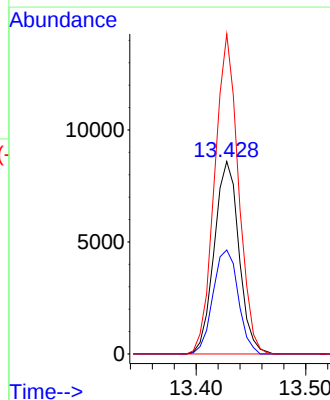
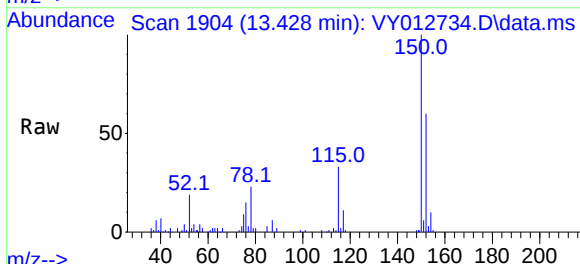
Instrument :
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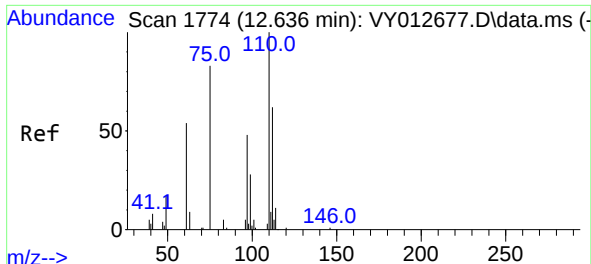
Tgt Ion:117 Resp: 89129
Ion Ratio Lower Upper
117 100
82 52.1 44.1 66.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion:152 Resp: 13483
Ion Ratio Lower Upper
152 100
115 55.1 28.7 86.3
150 159.8 0.0 347.6

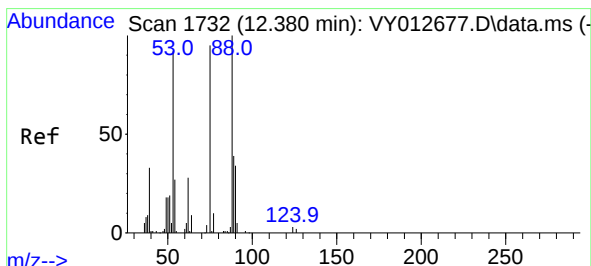
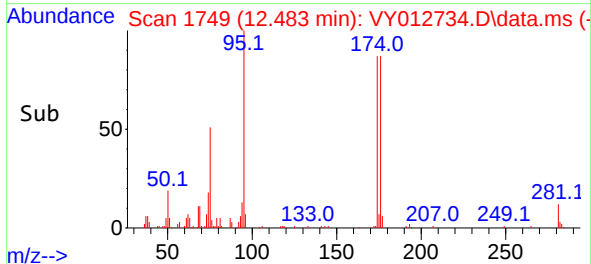
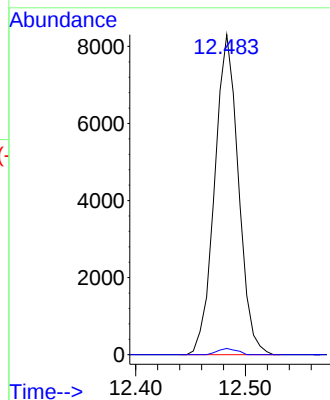
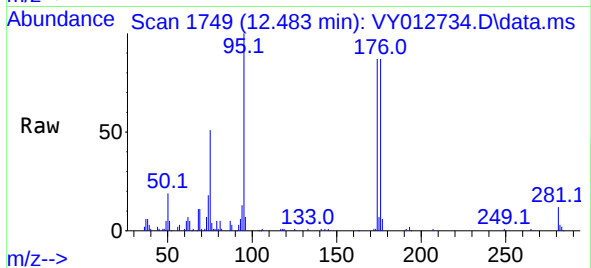




#76
1,2,3-Trichloropropane
Concen: 74.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01

Tgt Ion: 75 Resp: 12534
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion: 75 Resp: 12534
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 36.5 54.7#

