

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012452.D
 Acq On : 02 Feb 2023 13:15
 Operator : KP/MD
 Sample : VY0202SBL06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL06

Quant Time: Feb 03 03:11:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

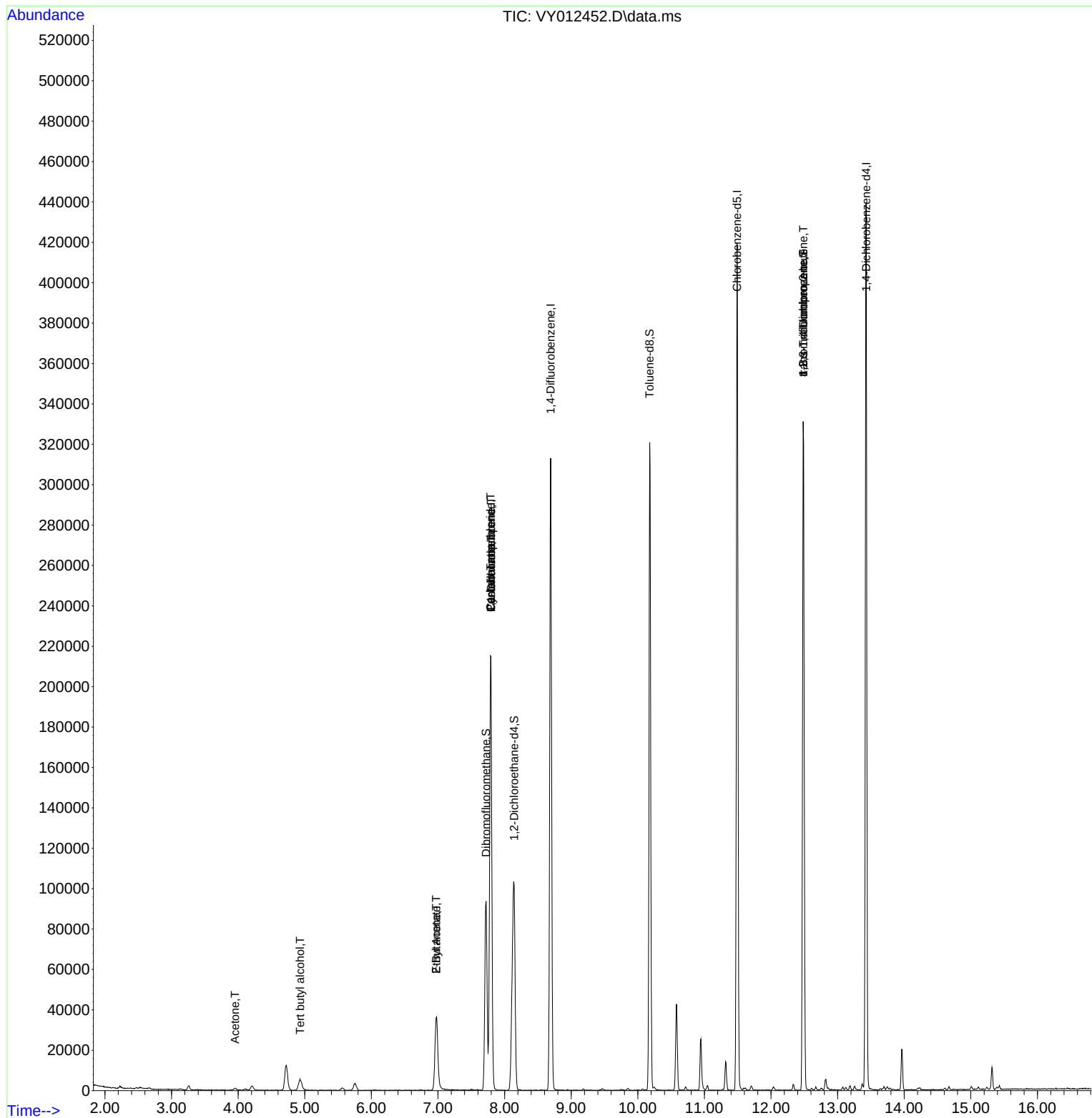
Internal Standards						
1) Pentafluorobenzene	7.795	168	175519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68177	46.594	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.180%		
35) Dibromofluoromethane	7.722	113	66579	45.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.580%		
50) Toluene-d8	10.179	98	219250	42.904	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.800%		
62) 4-Bromofluorobenzene	12.483	95	81464	39.742	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.480%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	5395	19.917	ug/l #	74
16) Acetone	3.954	43	1800	3.683	ug/l	96
20) Methylene Chloride	4.722	84	10098	Below Cal		90
25) 2-Butanone	6.972	43	1907	3.534	ug/l #	70
31) Cyclohexane	7.795	56	3123	1.220	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	12013	4.861	ug/l #	50
37) Ethyl Acetate	6.972	43	1907	1.750	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16954	5.312	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	43512	40.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43512	83.472	ug/l #	13

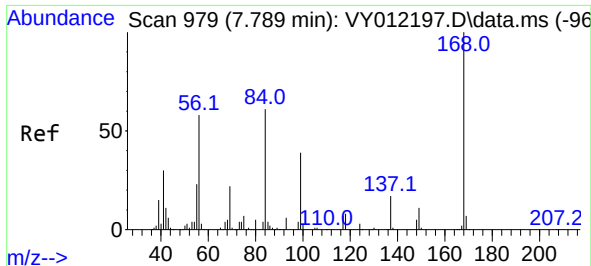
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
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Quant Time: Feb 03 03:11:00 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

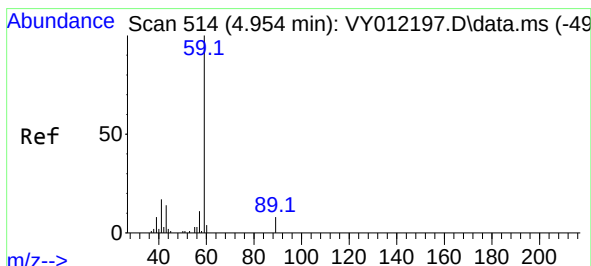
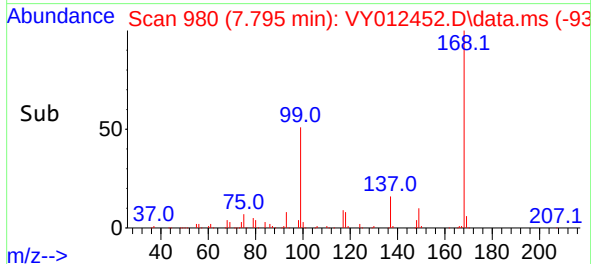
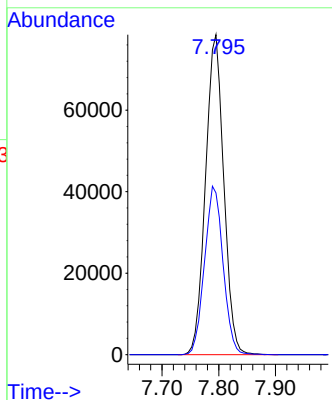
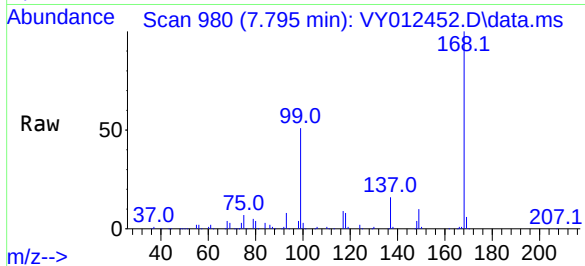




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

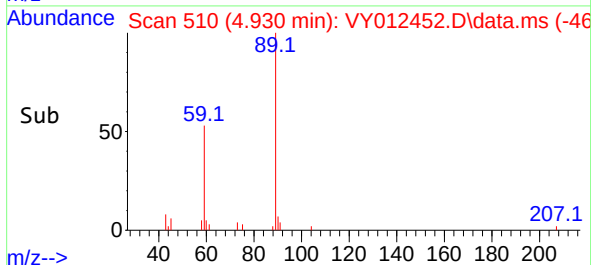
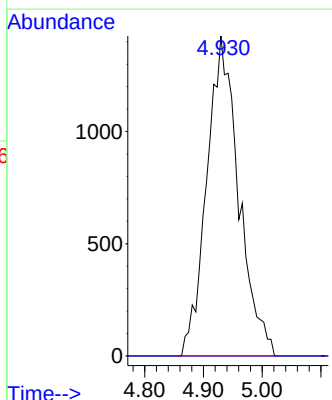
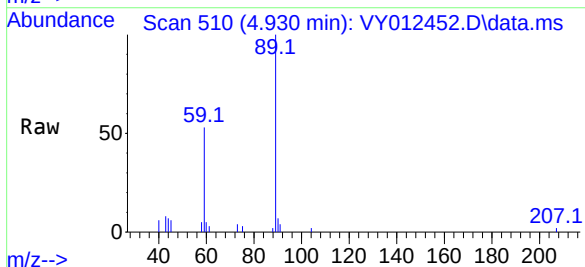
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL06

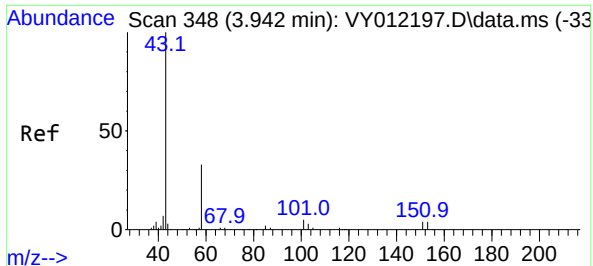
Tgt Ion:168 Resp: 175519
Ion Ratio Lower Upper
168 100
99 50.5 44.0 66.0



#11
Tert butyl alcohol
Concen: 19.917 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 59 Resp: 5395
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

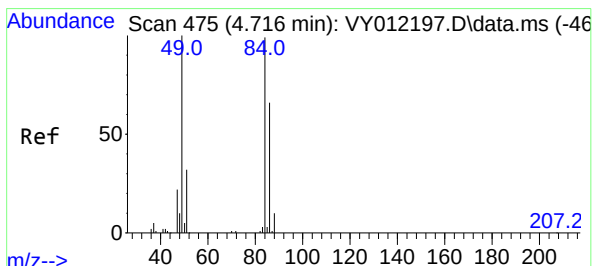
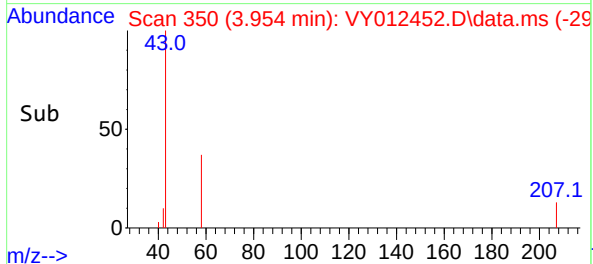
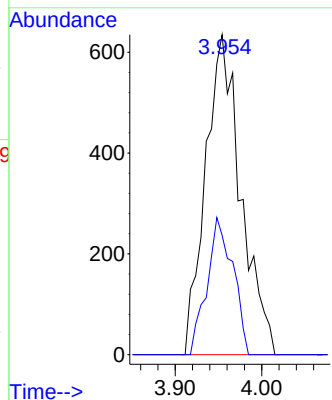
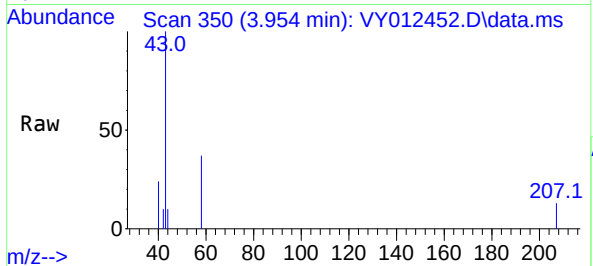




#16
Acetone
Concen: 3.683 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

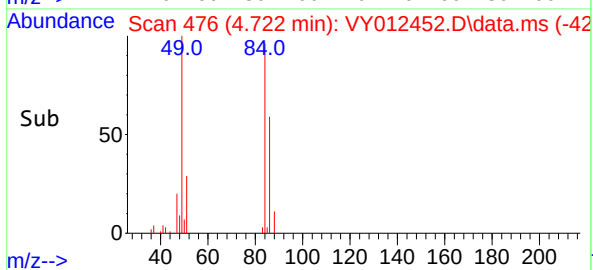
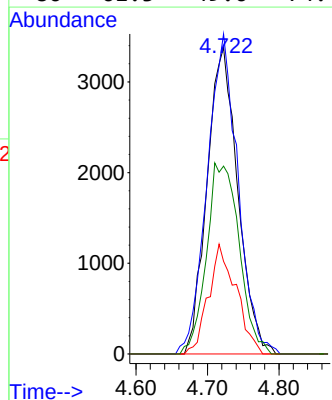
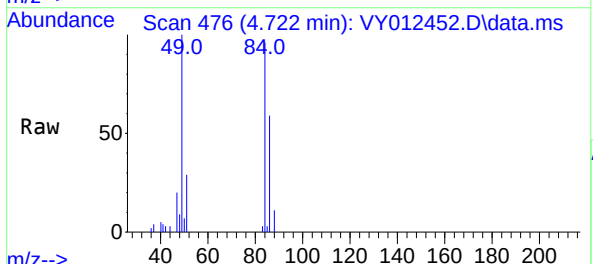
Instrument :
MSVOA_Y
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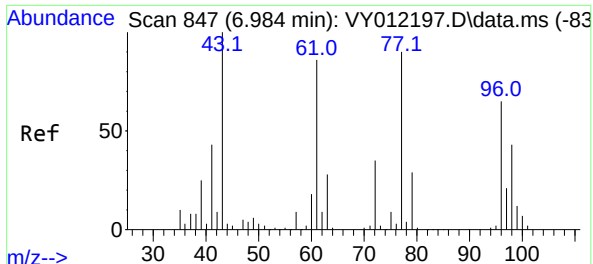
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 37.3 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 84 Resp: 10098
Ion Ratio Lower Upper
84 100
49 104.4 95.4 143.2
51 30.2 29.9 44.9
86 61.3 49.6 74.4

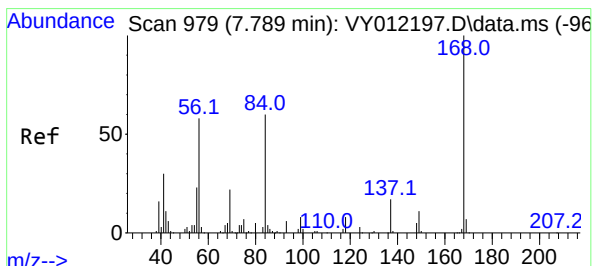
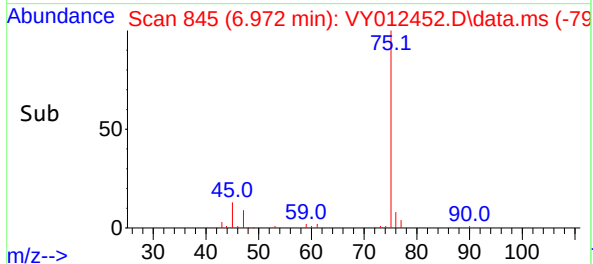
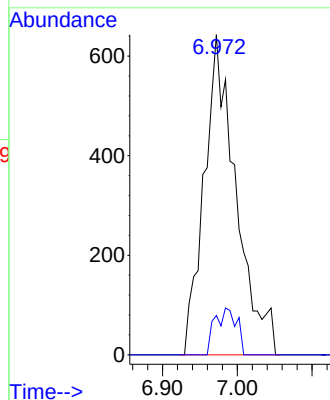
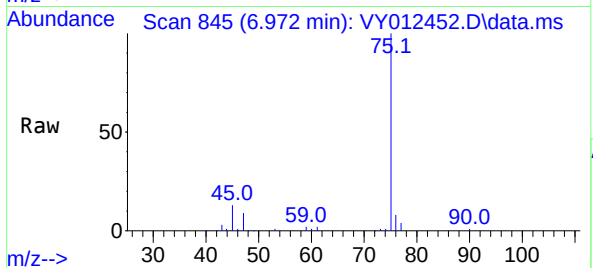




#25
2-Butanone
Concen: 3.534 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

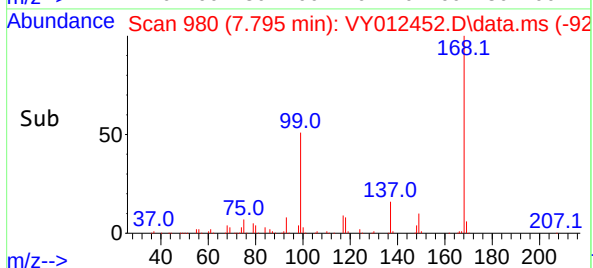
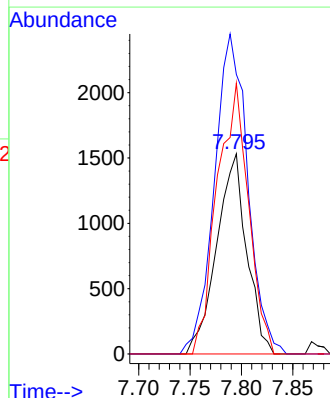
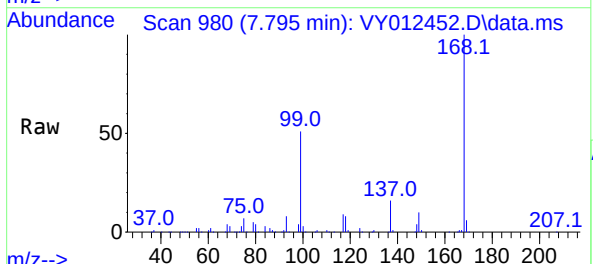
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL06

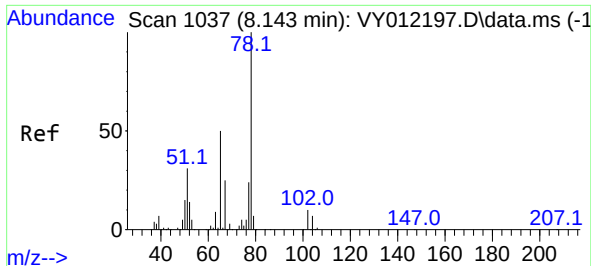
Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
72 12.3 22.6 34.0#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 56 Resp: 3123
Ion Ratio Lower Upper
56 100
69 139.6 29.2 43.8#
84 135.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 46.594 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012452.D

Acq: 02 Feb 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

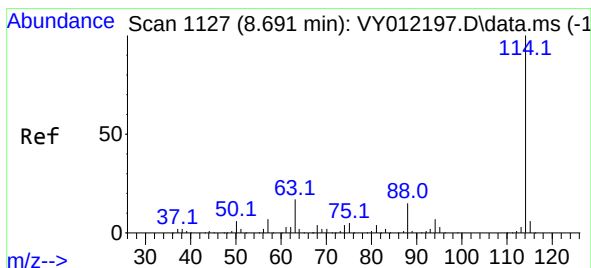
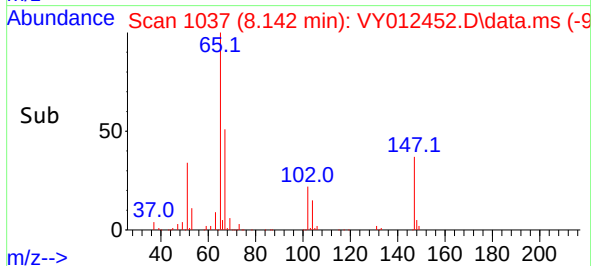
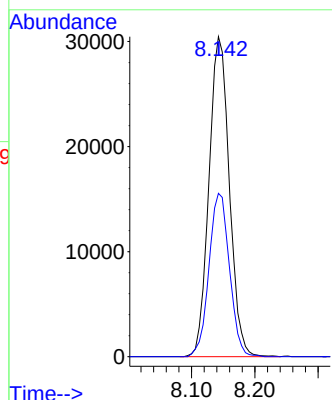
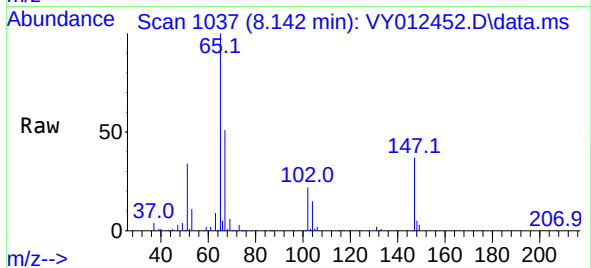
VY0202SBL06

Tgt Ion: 65 Resp: 68177

Ion Ratio Lower Upper

65 100

67 51.3 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: VY012452.D

Acq: 02 Feb 2023 13:15

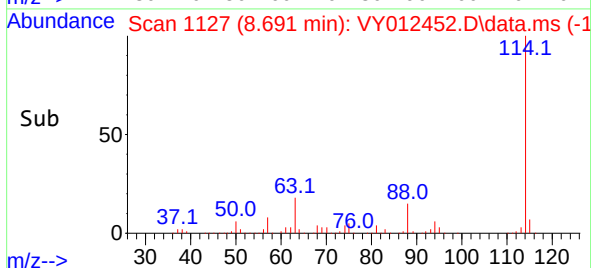
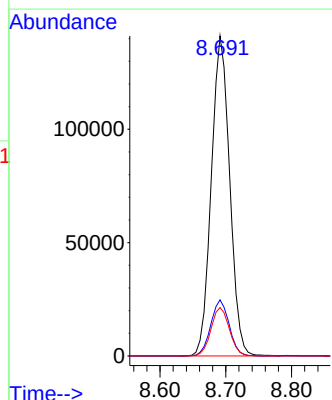
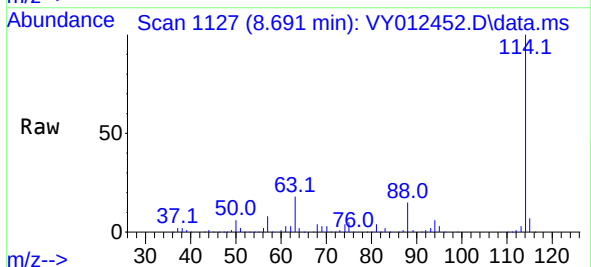
Tgt Ion: 114 Resp: 274613

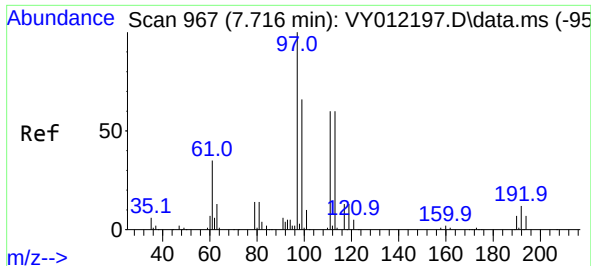
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.1 0.0 32.2

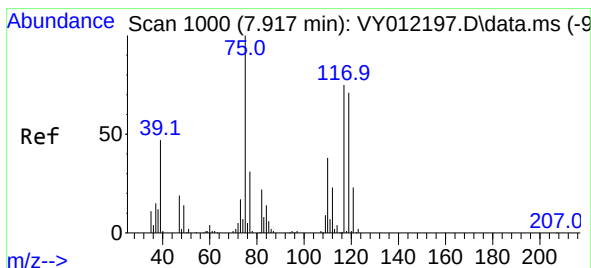
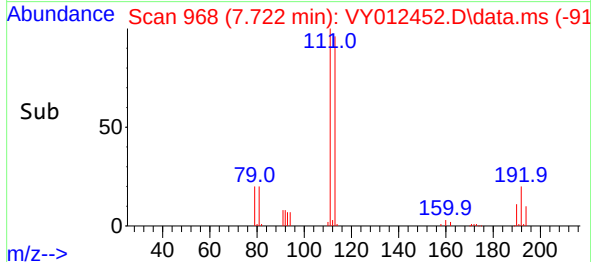
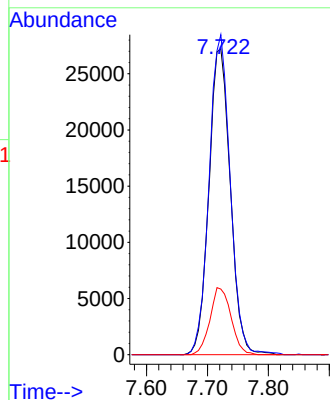
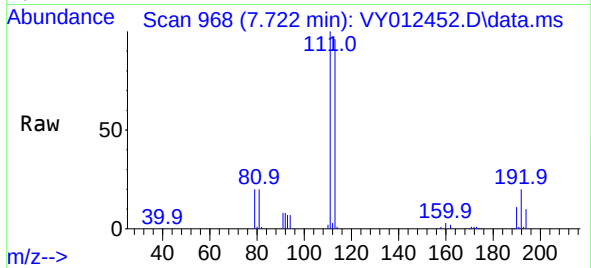




#35
Dibromofluoromethane
Concen: 45.788 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

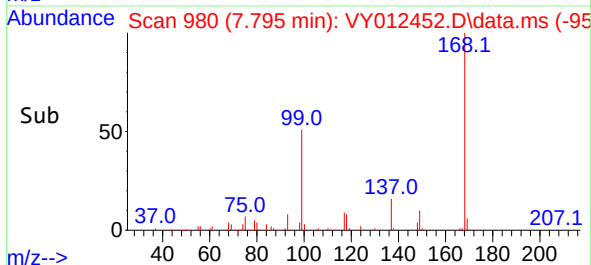
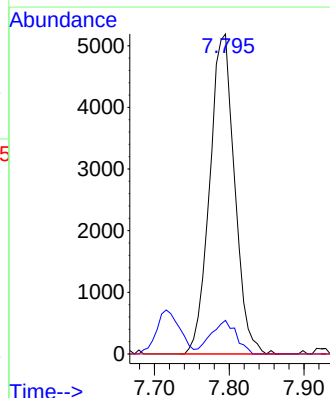
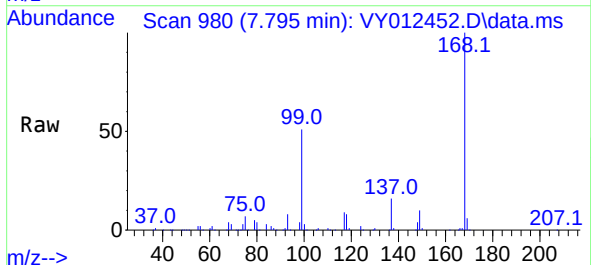
Instrument :
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ClientSampleId :
VY0202SBL06

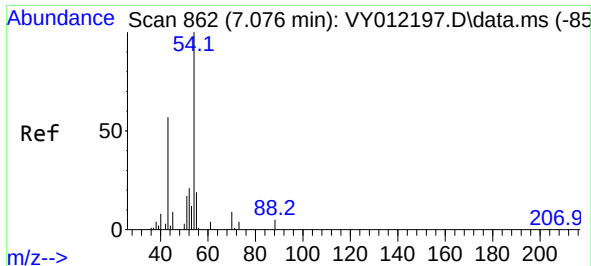
Tgt Ion:113 Resp: 66579
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 21.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 75 Resp: 12013
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.1#
77 0.0 25.1 37.7#

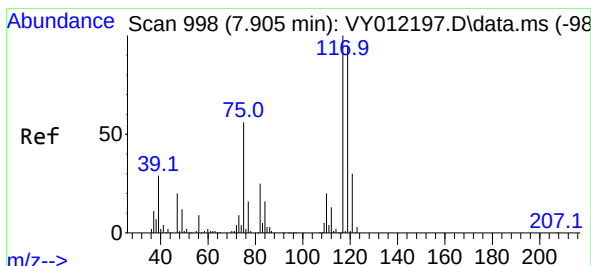
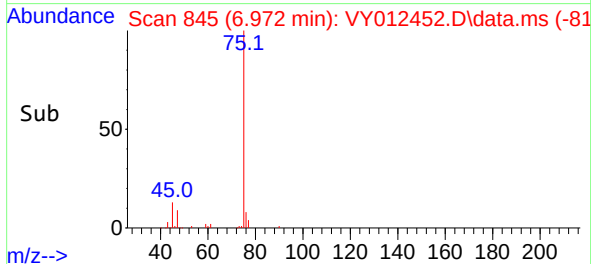
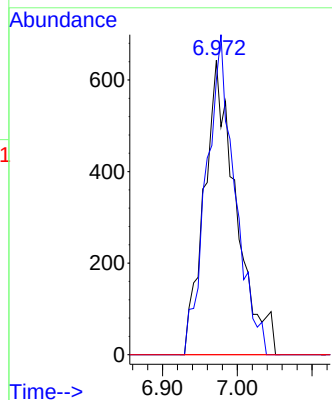
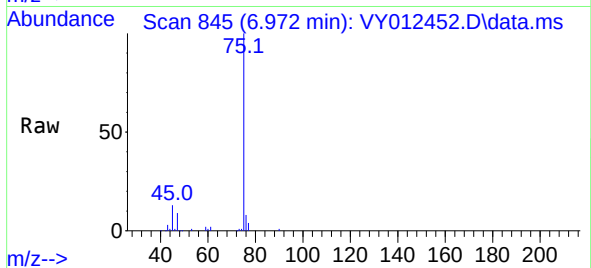




#37
Ethyl Acetate
Concen: 1.750 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.104 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

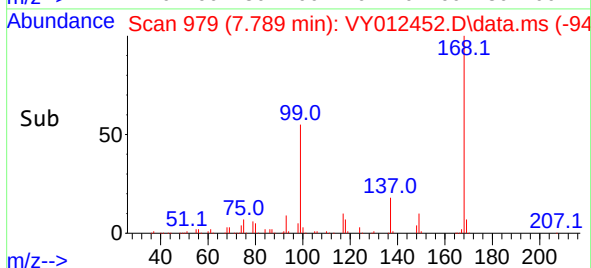
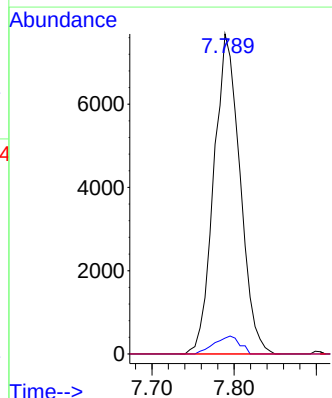
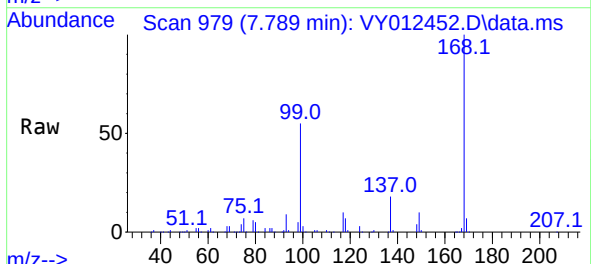
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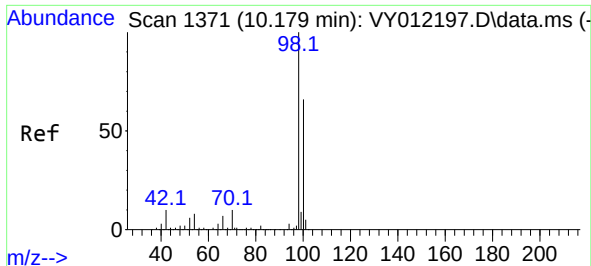
Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
61 97.4 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.312 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 117 Resp: 16954
Ion Ratio Lower Upper
117 100
119 5.0 73.8 110.8#
121 0.0 25.2 37.8#

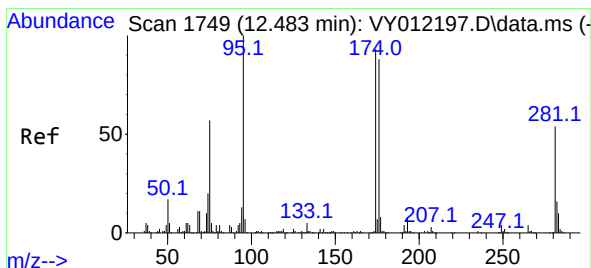
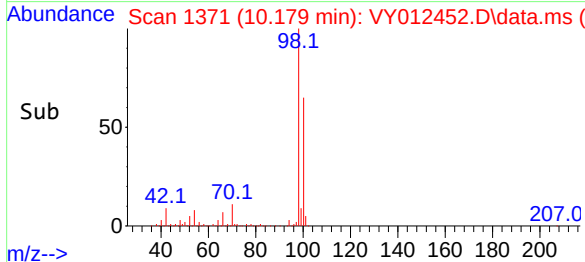
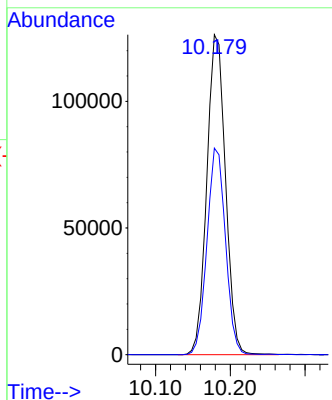
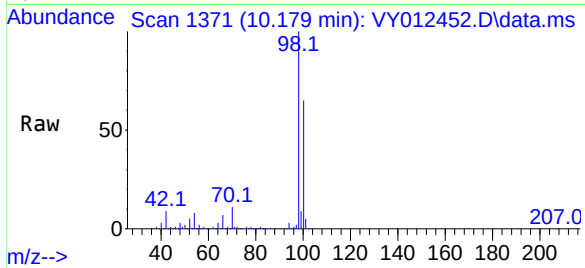




#50
Toluene-d8
Concen: 42.904 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

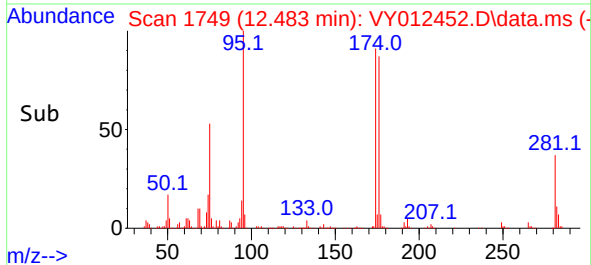
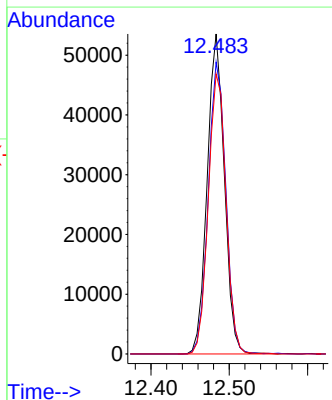
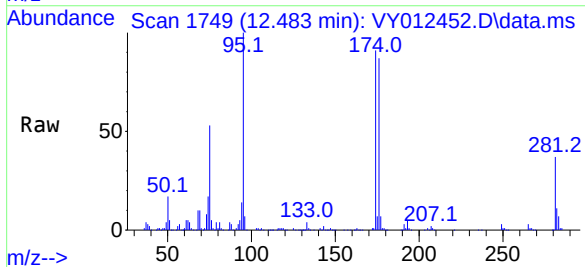
Instrument :
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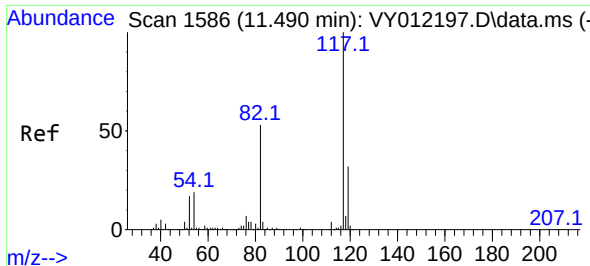
Tgt Ion: 98 Resp: 219250
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

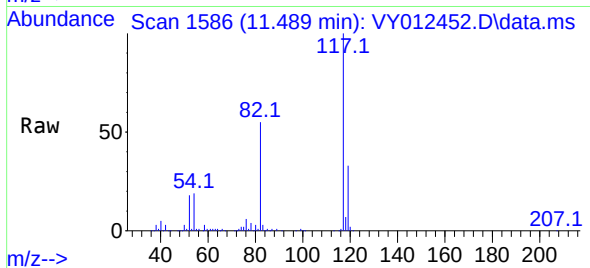
Tgt Ion: 95 Resp: 81464
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.2 0.0 167.6



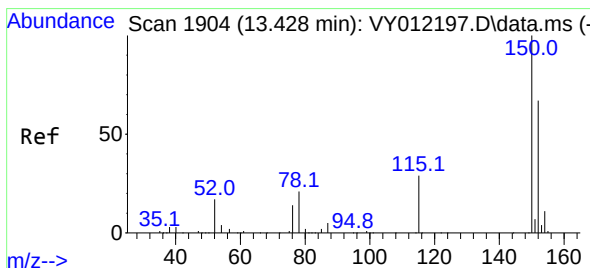
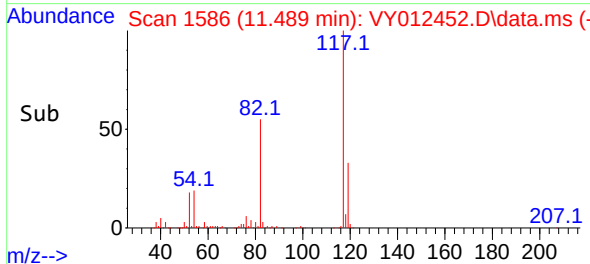
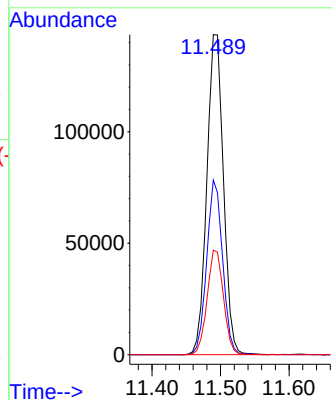


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL06

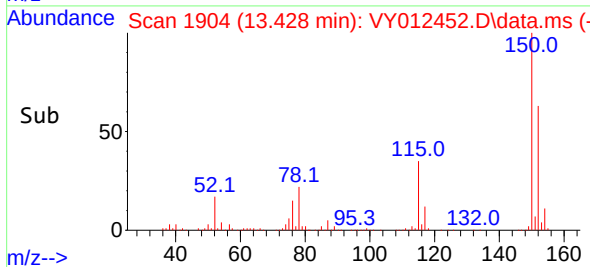
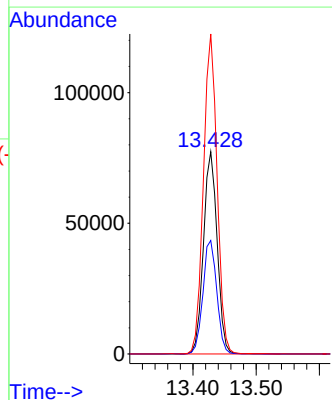
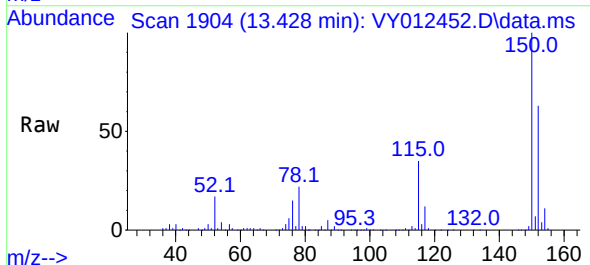


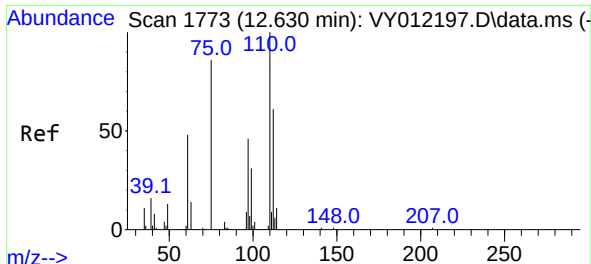
Tgt Ion:117 Resp: 241978
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion:152 Resp: 116805
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 157.9 0.0 342.6

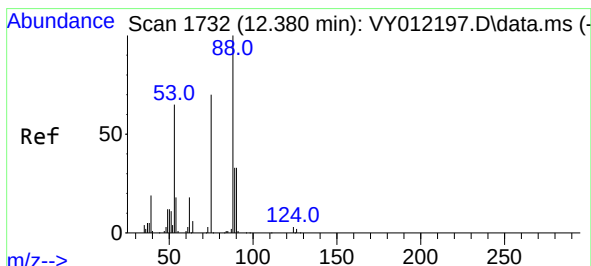
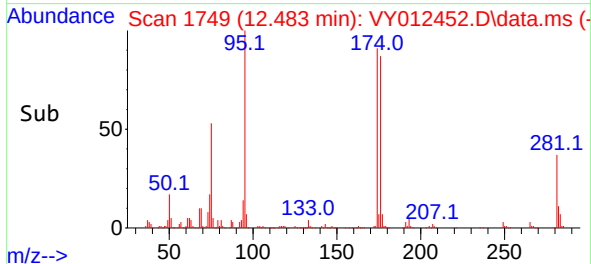
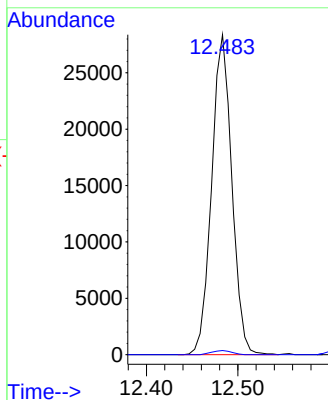
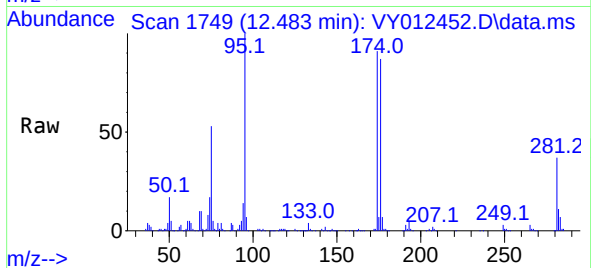




#76
1,2,3-Trichloropropane
Concen: 40.512 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL06

Tgt Ion: 75 Resp: 43512
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 75 Resp: 43512
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.5 37.0 55.4#

