

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012323.D
 Acq On : 23 Jan 2023 18:55
 Operator : KP/MD
 Sample : 01254-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:30:30 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)

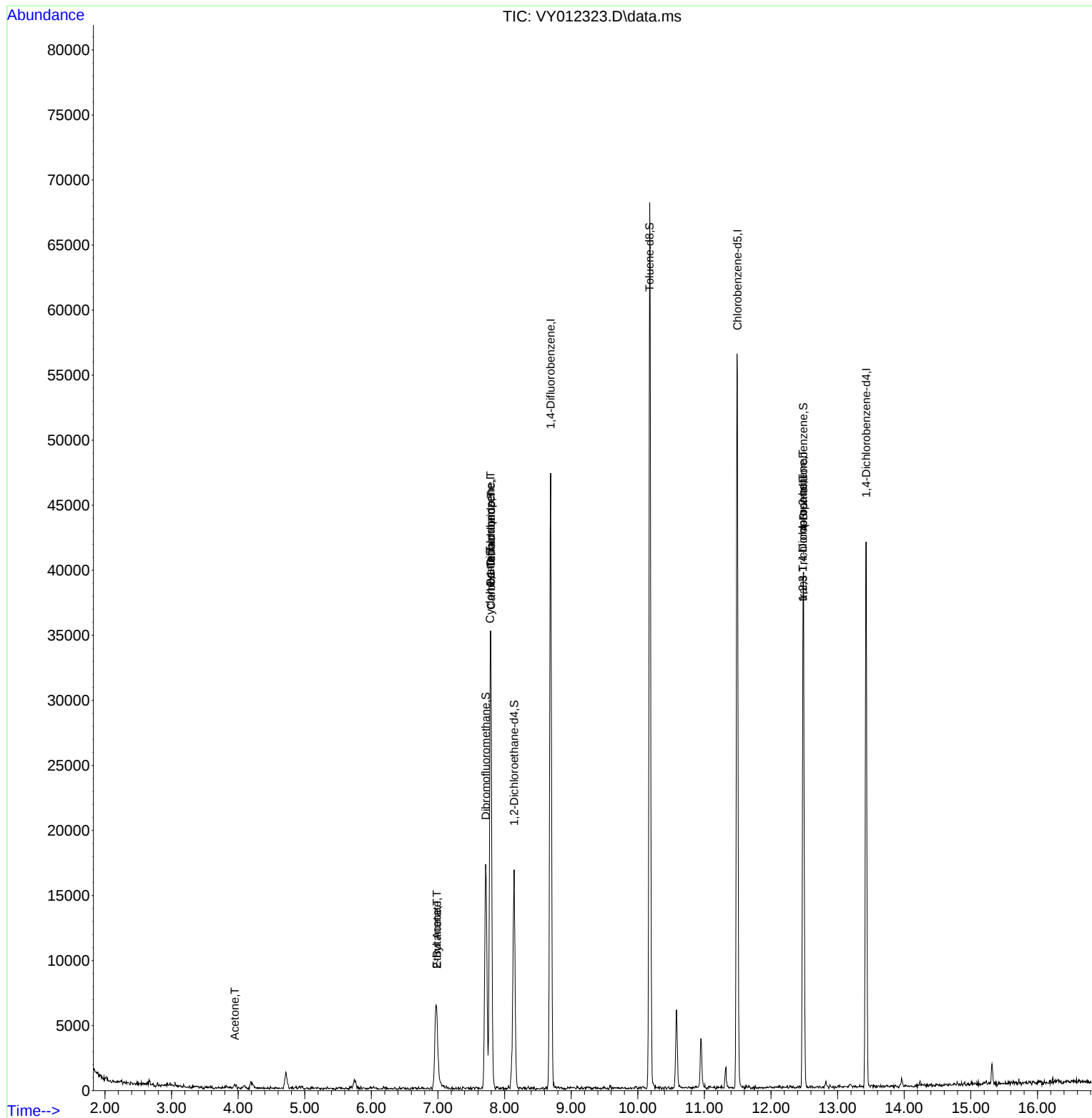
Internal Standards						
1) Pentafluorobenzene	7.789	168	28520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	34187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12777	54.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.780%			
35) Dibromofluoromethane	7.715	113	11888	53.628	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.260%			
50) Toluene-d8	10.178	98	46974	62.217	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 124.440%			
62) 4-Bromofluorobenzene	12.483	95	11259	36.029	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.060%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	114	Below Cal	#	74
16) Acetone	3.948	43	395	4.974	ug/l #	40
20) Methylene Chloride	4.722	84	1049	Below Cal	#	77
25) 2-Butanone	6.984	43	271	3.091	ug/l #	46
31) Cyclohexane	7.782	56	460	1.106	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	2054	5.452	ug/l #	50
37) Ethyl Acetate	6.984	43	271	1.632	ug/l #	1
38) Carbon Tetrachloride	7.795	117	2952	6.067	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	5759	50.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5759	104.481	ug/l #	13

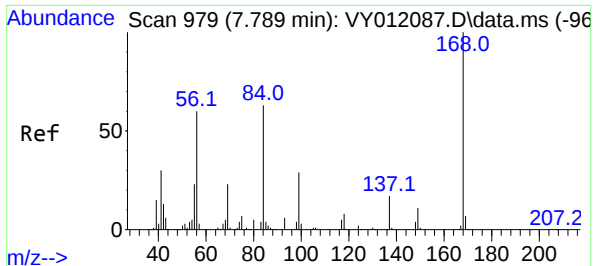
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012323.D
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Operator : KP/MD
Sample : 01254-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

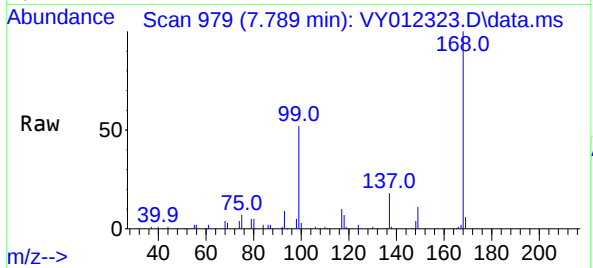
Quant Time: Jan 24 01:30:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



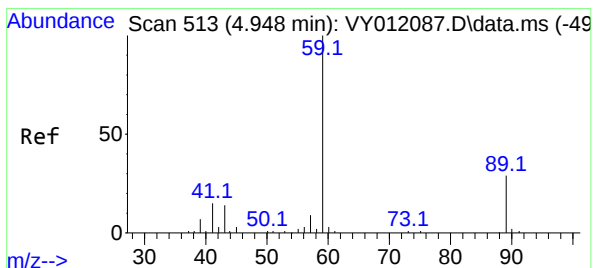
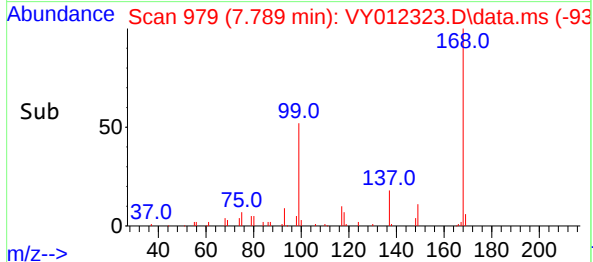
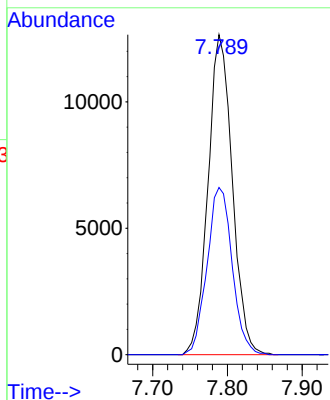


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

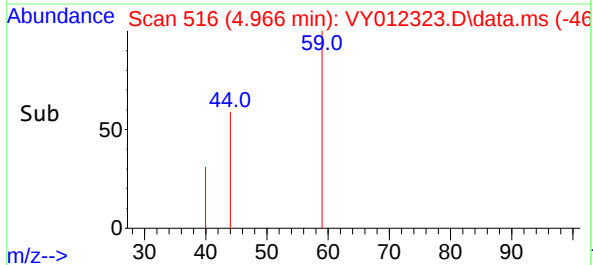
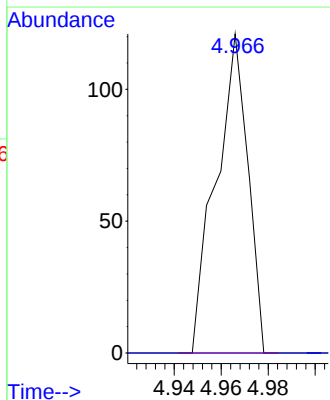
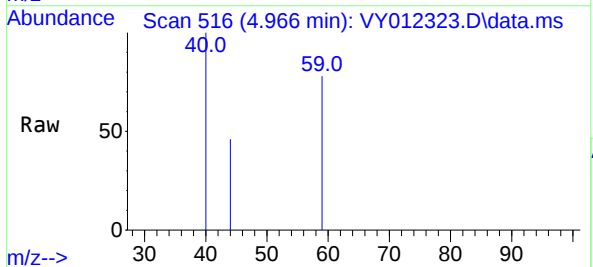


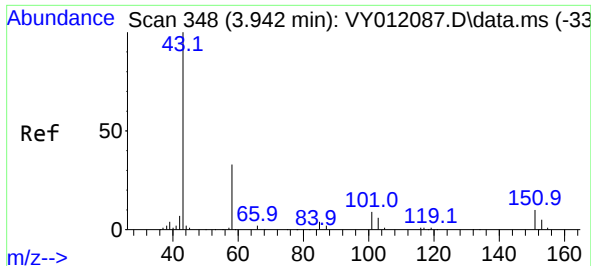
Tgt Ion:168 Resp: 28520
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

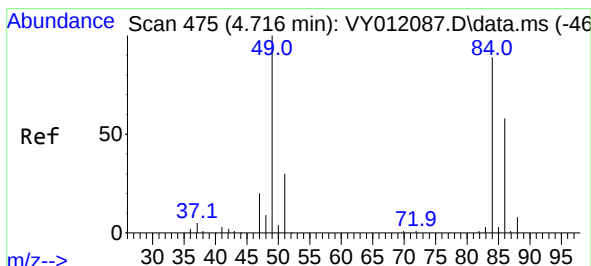
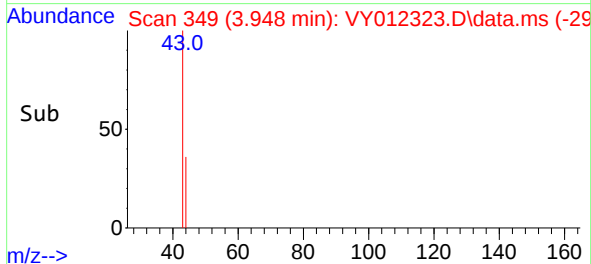
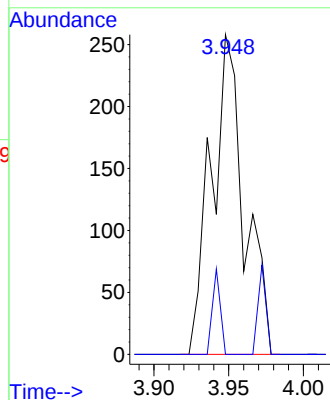
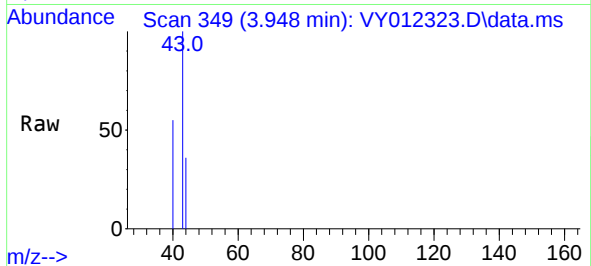




#16
Acetone
Concen: 4.974 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

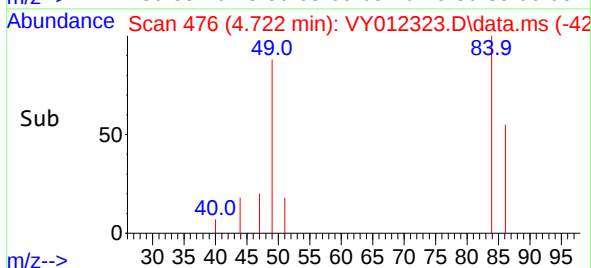
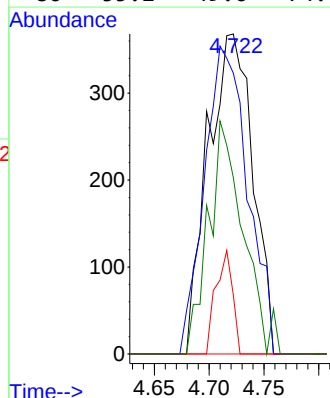
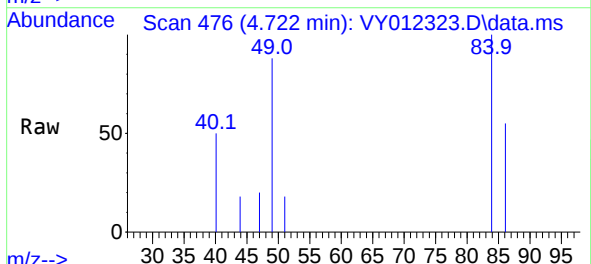
Instrument :
MSVOA_Y
ClientSampleId :

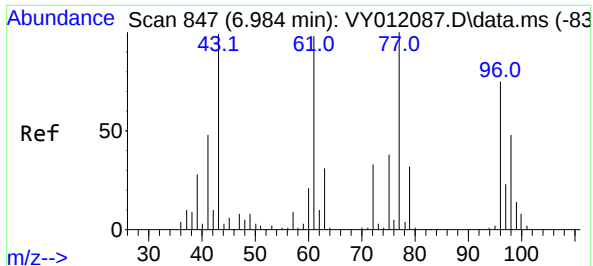
Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 84 Resp: 1049
Ion Ratio Lower Upper
84 100
49 87.8 95.4 143.2#
51 18.5 29.9 44.9#
86 55.2 49.6 74.4





#25

2-Butanone

Concen: 3.091 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012323.D

Acq: 23 Jan 2023 18:55

Instrument :

MSVOA_Y

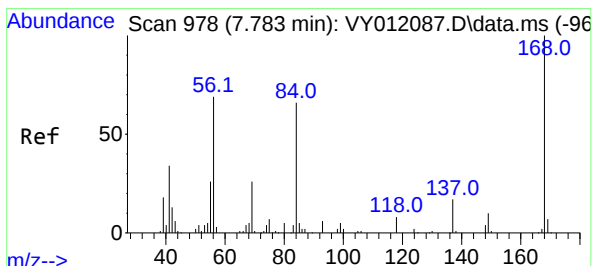
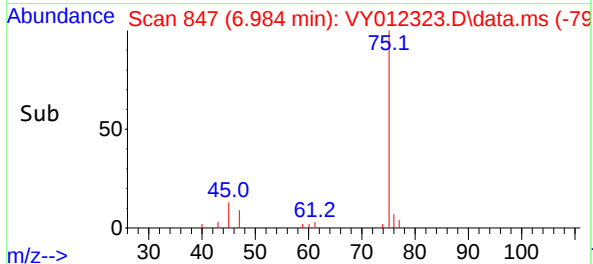
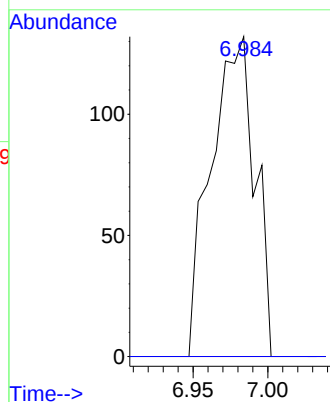
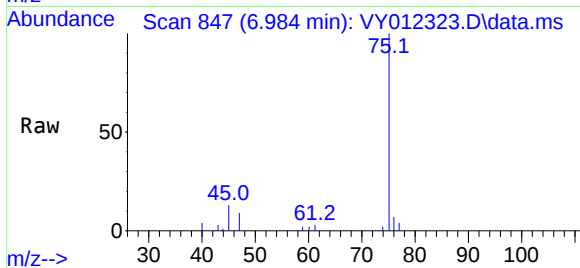
ClientSampleId :

Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.001 min

Lab File: VY012323.D

Acq: 23 Jan 2023 18:55

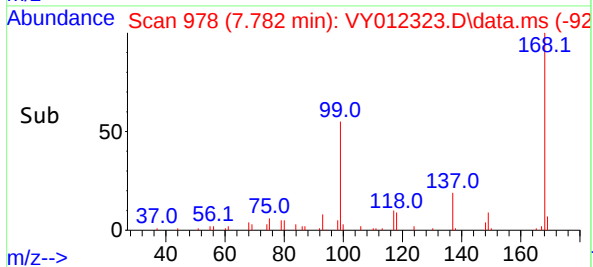
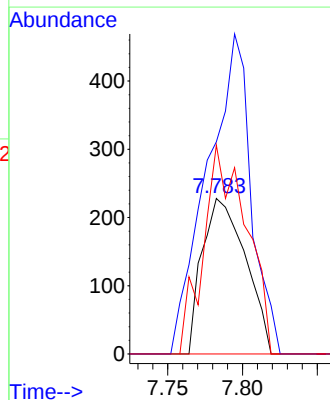
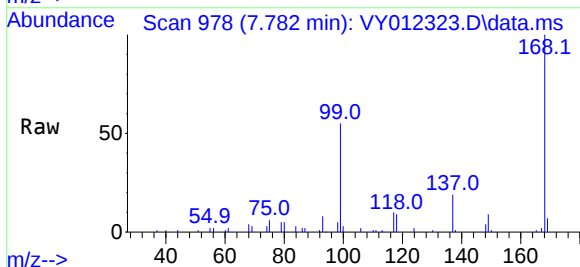
Tgt Ion: 56 Resp: 460

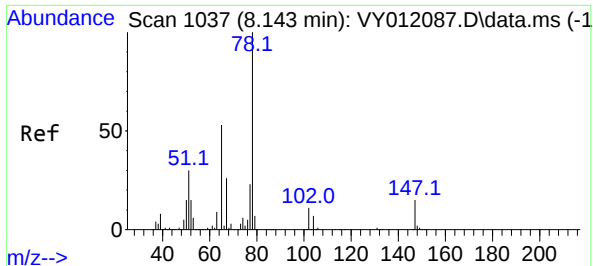
Ion Ratio Lower Upper

56 100

69 136.4 29.2 43.8#

84 134.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 54.394 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012323.D

Acq: 23 Jan 2023 18:55

Instrument :

MSVOA_Y

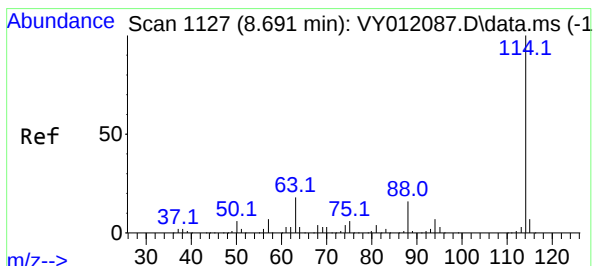
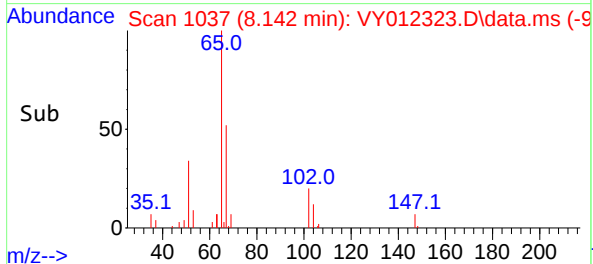
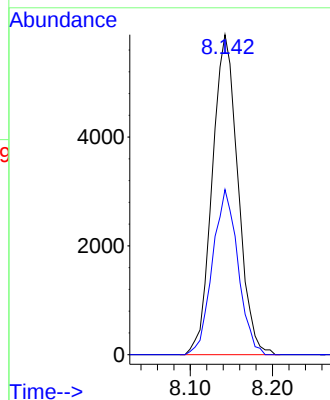
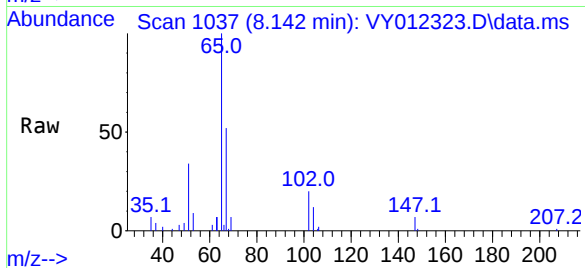
ClientSampleId :

Tgt Ion: 65 Resp: 12777

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: VY012323.D

Acq: 23 Jan 2023 18:55

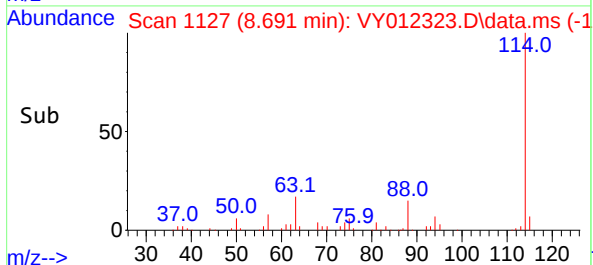
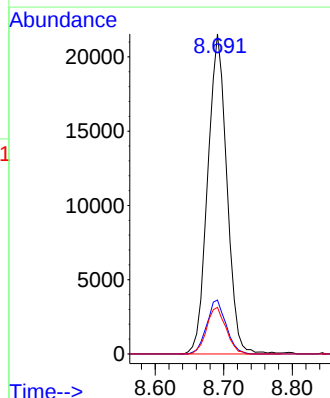
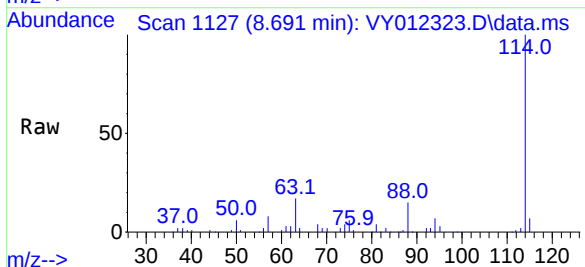
Tgt Ion: 114 Resp: 41865

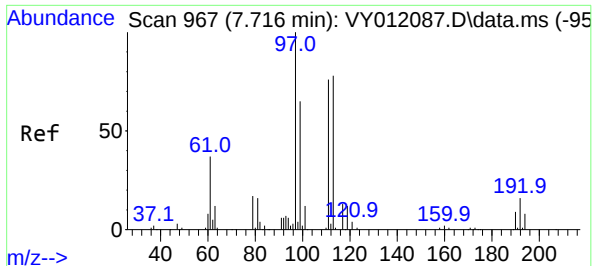
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

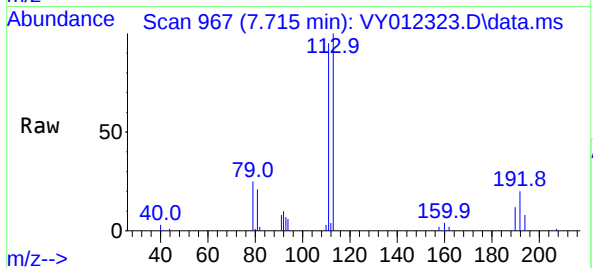
88 14.6 0.0 32.2





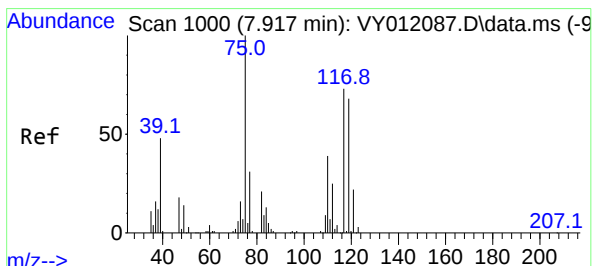
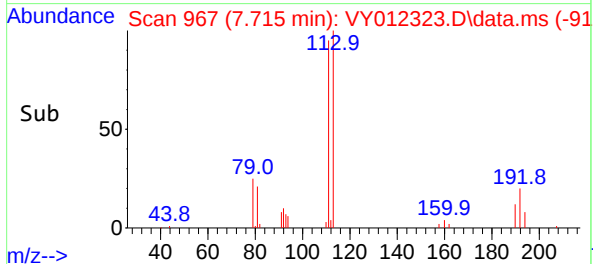
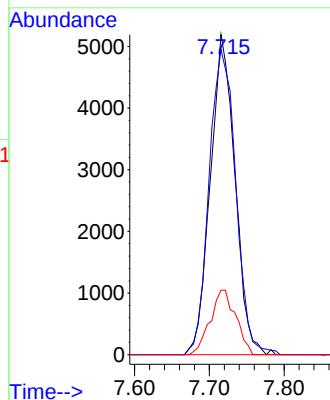
#35
Dibromofluoromethane
Concen: 53.628 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 11888

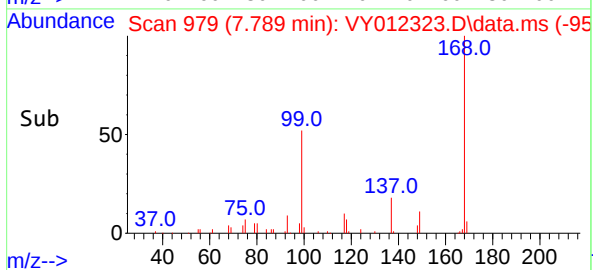
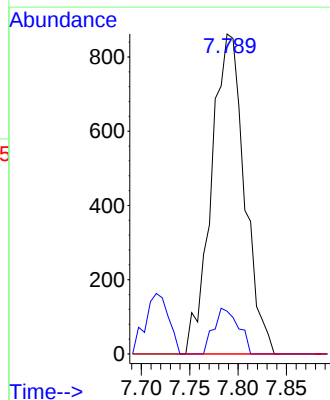
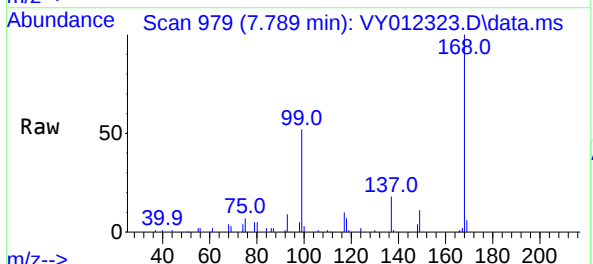
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	20.9	16.0	24.0

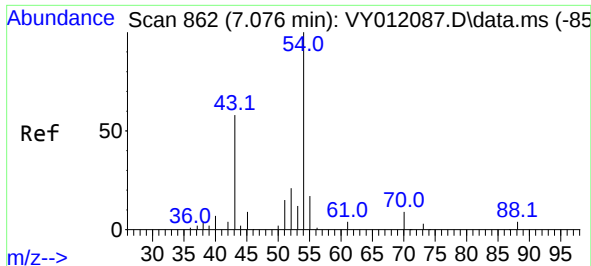


#36
1,1-Dichloropropene
Concen: 5.452 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 75 Resp: 2054

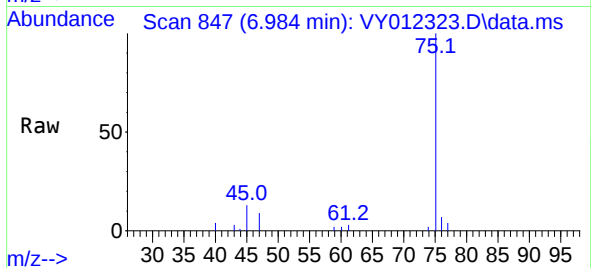
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.1#
77	0.0	25.1	37.7#



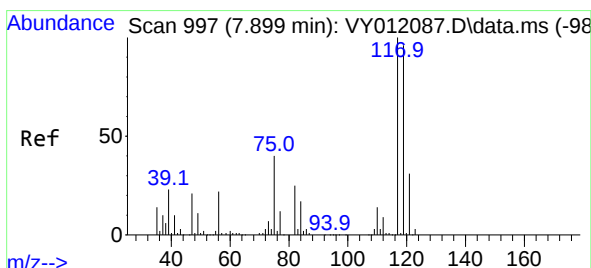
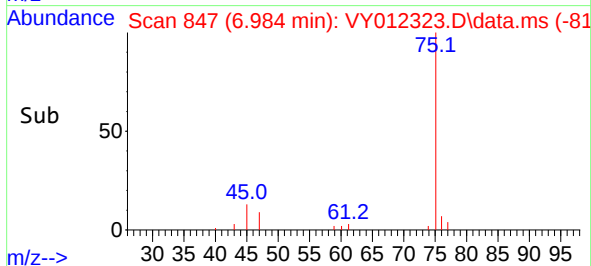
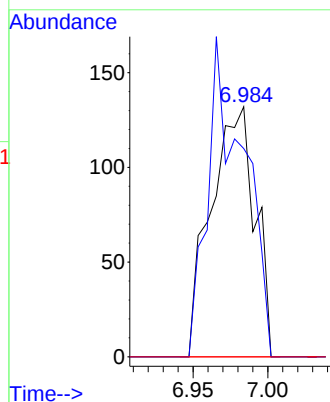


#37
Ethyl Acetate
Concen: 1.632 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

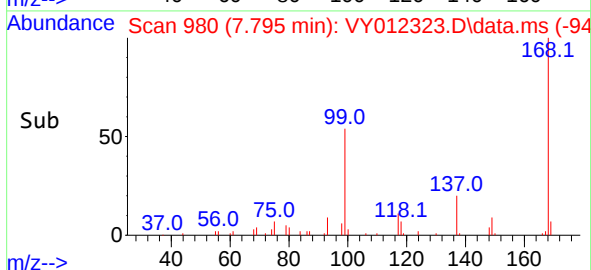
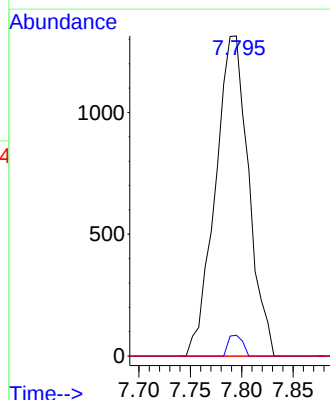
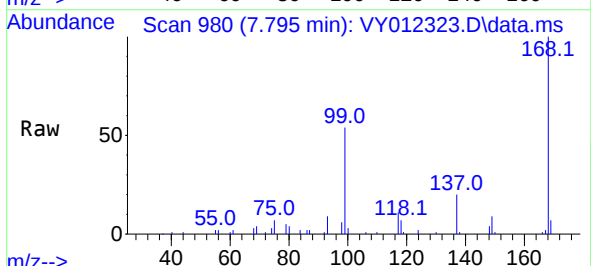


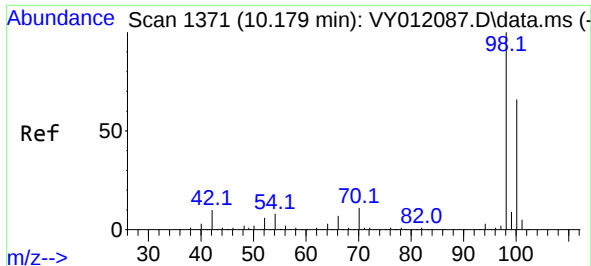
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
61 105.2 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 117 Resp: 2952
Ion Ratio Lower Upper
117 100
119 6.5 73.8 110.8#
121 0.0 25.2 37.8#

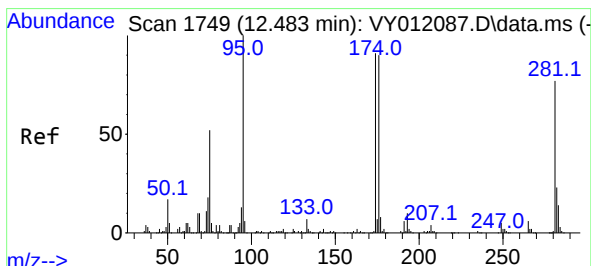
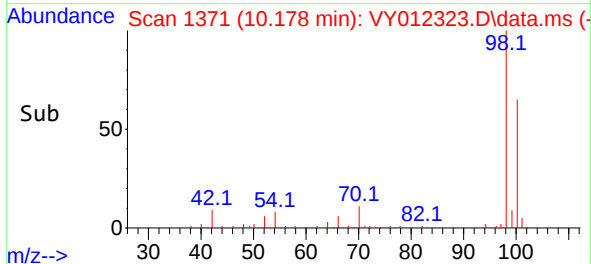
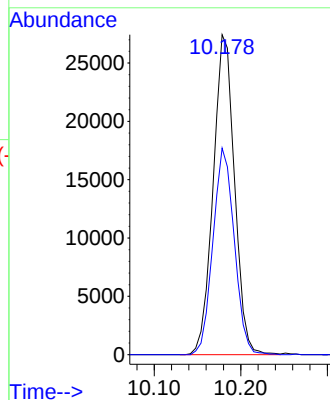
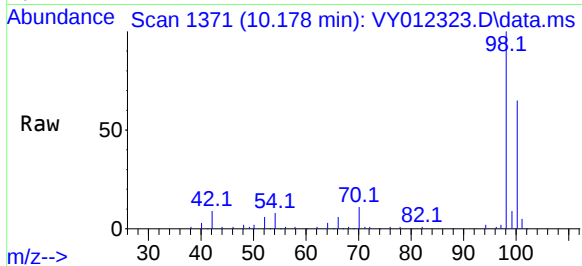




#50
Toluene-d8
Concen: 62.217 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

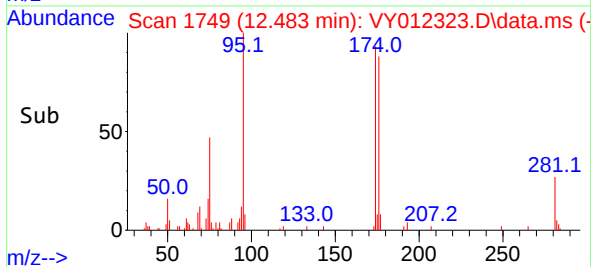
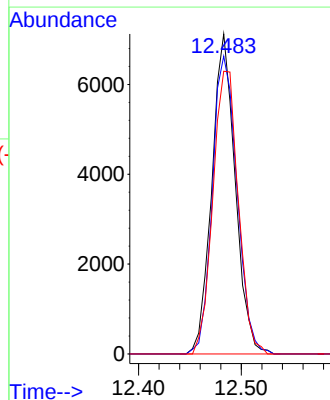
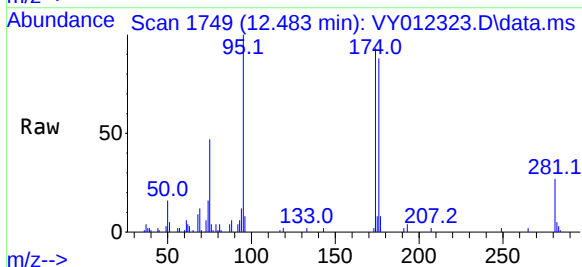
Instrument :
MSVOA_Y
ClientSampleId :

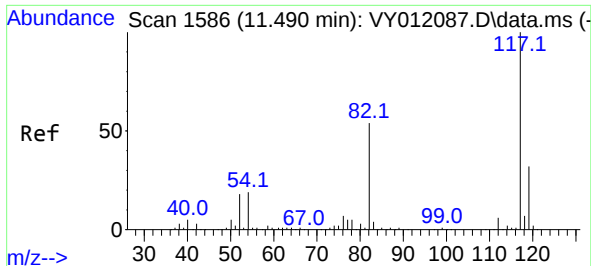
Tgt Ion: 98 Resp: 46974
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 95 Resp: 11259
Ion Ratio Lower Upper
95 100
174 98.2 0.0 172.0
176 95.9 0.0 167.6

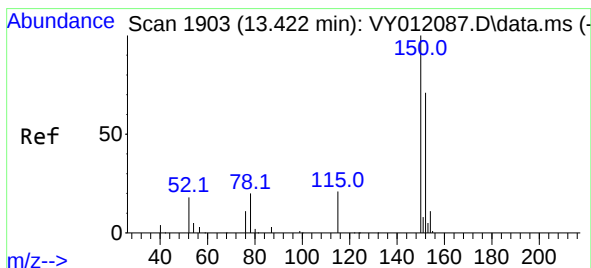
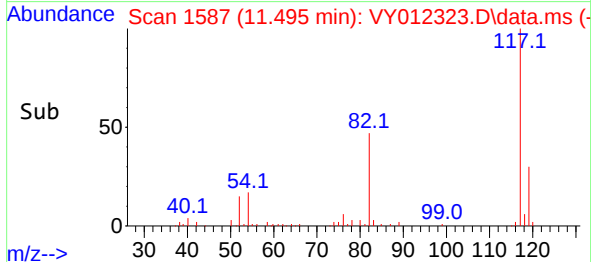
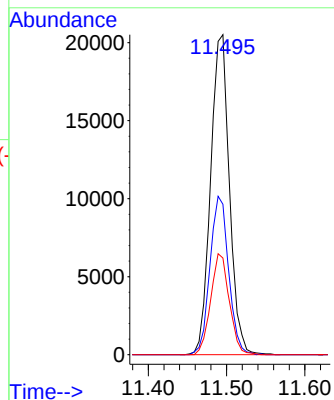
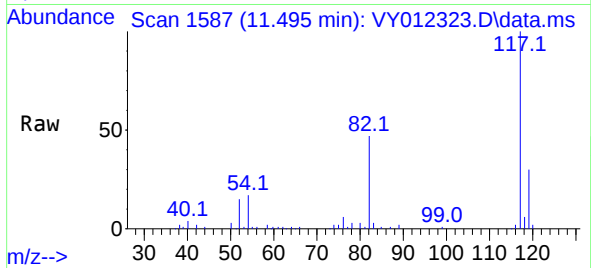




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

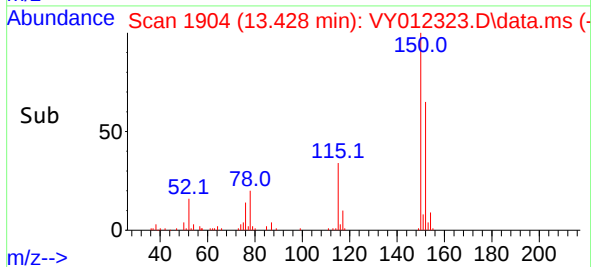
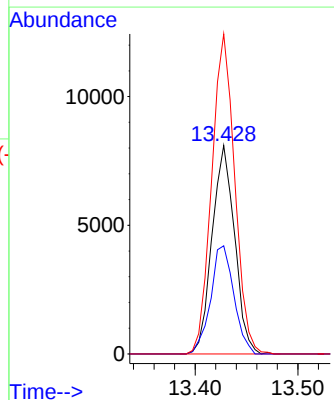
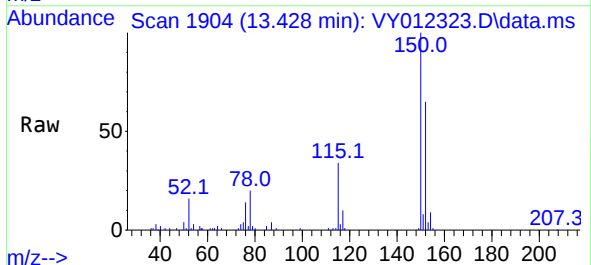
Instrument :
MSVOA_Y
ClientSampleId :

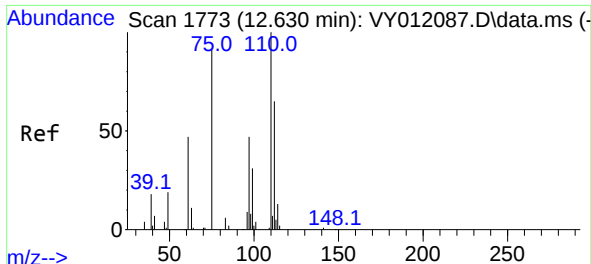
Tgt Ion:117 Resp: 34187
Ion Ratio Lower Upper
117 100
82 47.0 44.8 67.2
119 30.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion:152 Resp: 12351
Ion Ratio Lower Upper
152 100
115 53.6 29.1 87.3
150 156.4 0.0 342.6

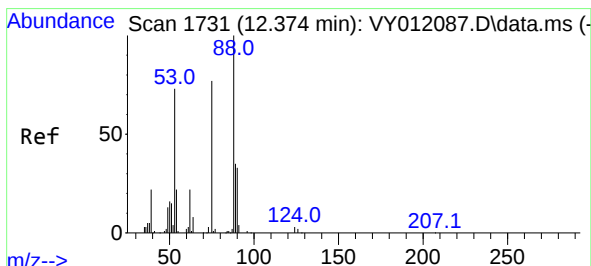
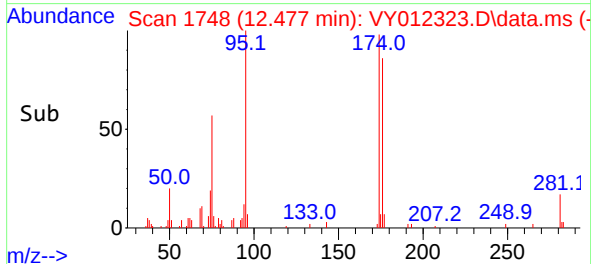
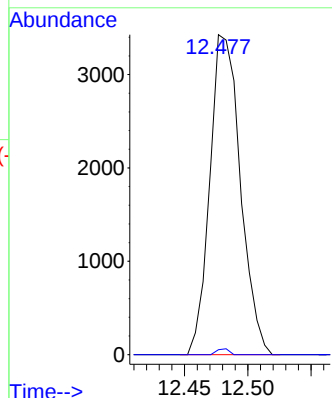
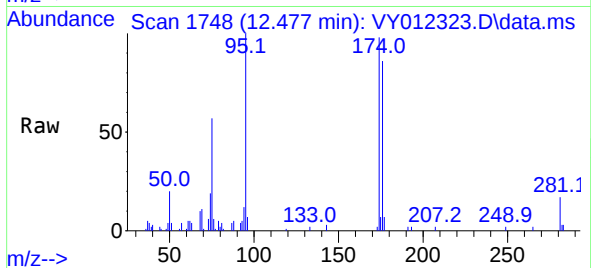




#76
1,2,3-Trichloropropane
Concen: 50.708 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5759
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.481 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY012323.D
Acq: 23 Jan 2023 18:55

Tgt Ion: 75 Resp: 5759
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

