

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013375.D
 Acq On : 20 Apr 2023 17:57
 Operator : KP/MD
 Sample : 02406-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5

Quant Time: Apr 21 02:16:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

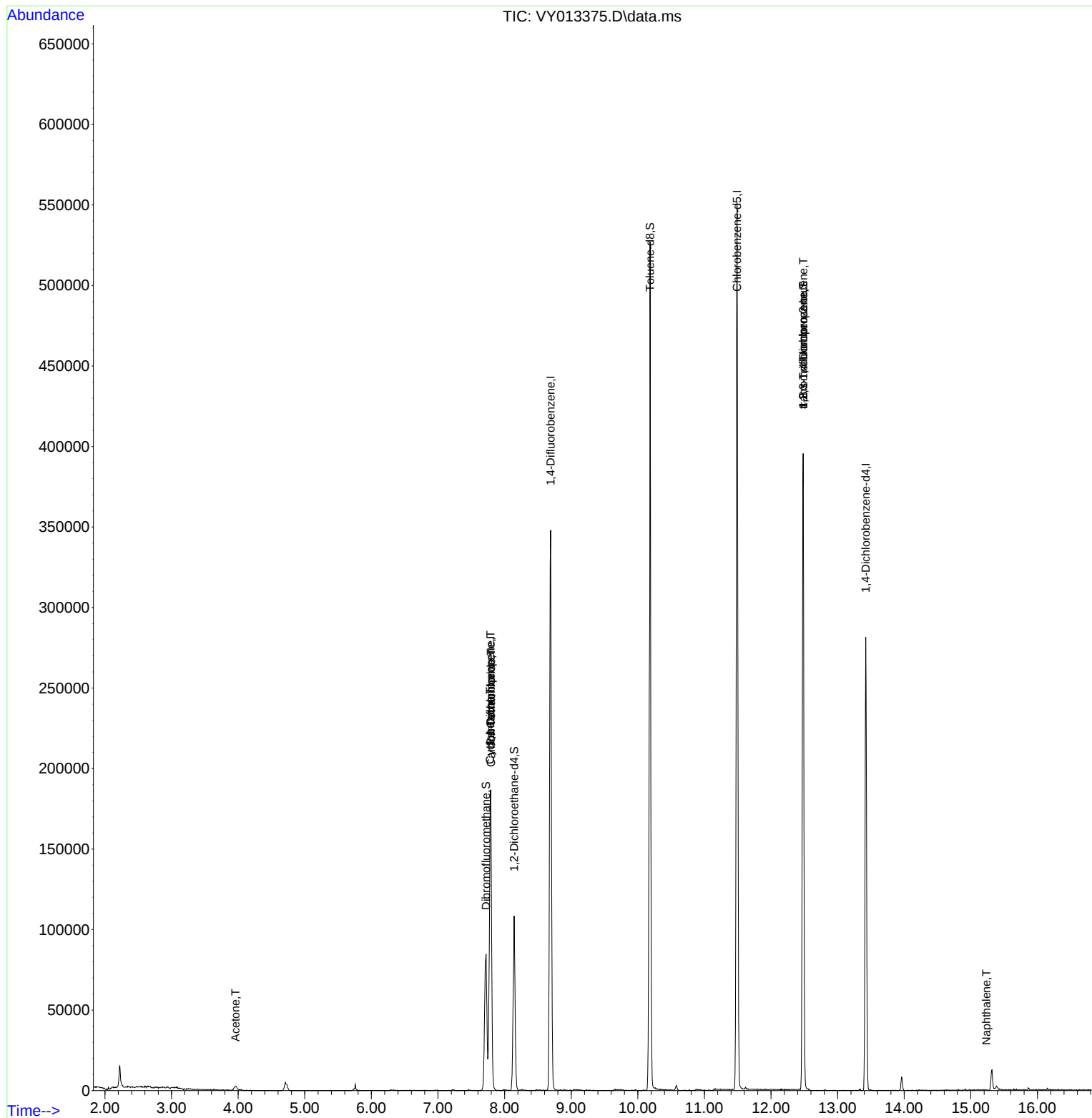
Internal Standards						
1) Pentafluorobenzene	7.789	168	150006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85348	47.344	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.680%		
35) Dibromofluoromethane	7.722	113	56776	30.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	61.260%		
50) Toluene-d8	10.185	98	276906	40.137	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.280%		
62) 4-Bromofluorobenzene	12.483	95	113472	50.621	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.240%		
Target Compounds						Qvalue
16) Acetone	3.960	43	5641	9.101	ug/l #	89
20) Methylene Chloride	4.698	84	1409	Below Cal	#	87
31) Cyclohexane	7.783	56	2863	1.050	ug/l #	37
36) 1,1-Dichloropropene	7.789	75	9907	3.528	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13975	4.501	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	58227	62.530	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58227	129.781	ug/l #	13
95) Naphthalene	15.233	128	295	3.288	ug/l #	69

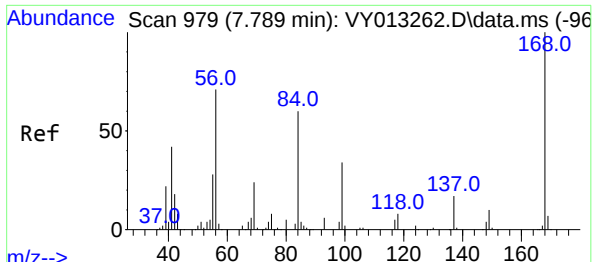
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013375.D
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Sample : 02406-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

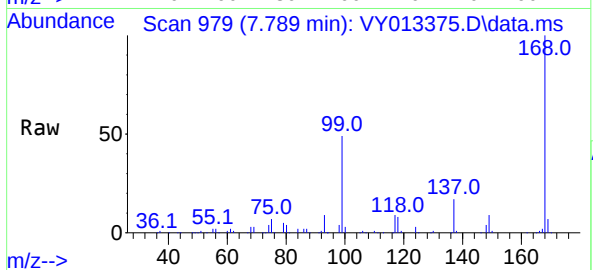
Quant Time: Apr 21 02:16:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



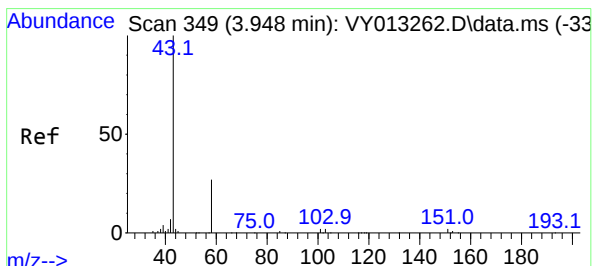
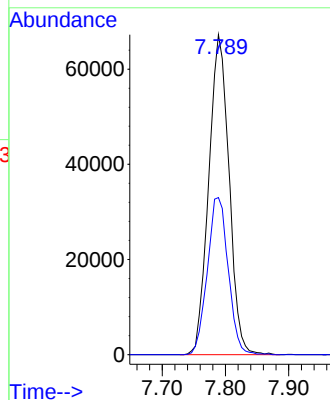
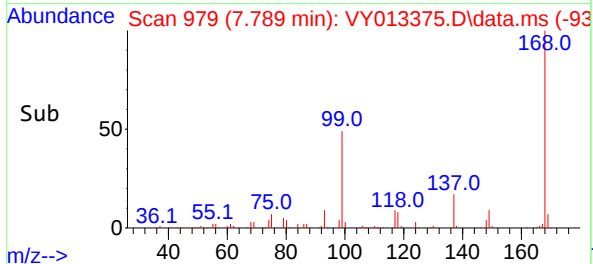


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

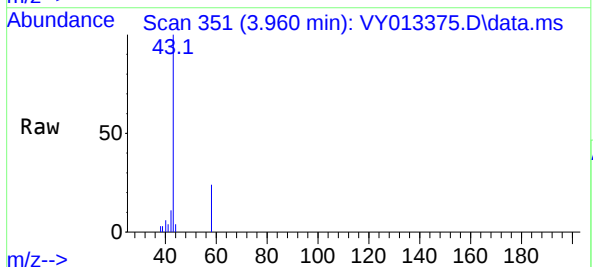
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5



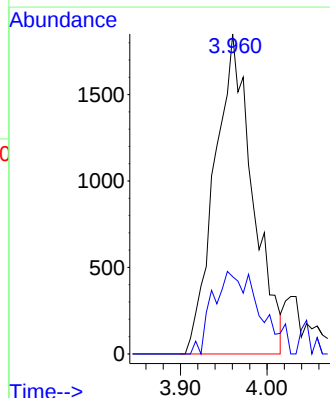
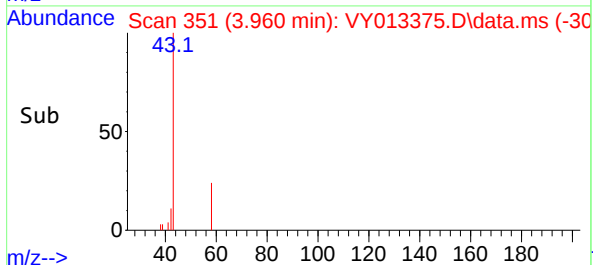
Tgt Ion:168 Resp: 150006
Ion Ratio Lower Upper
168 100
99 49.1 41.7 62.5

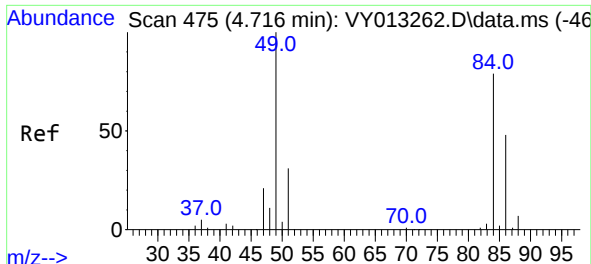


#16
Acetone
Concen: 9.101 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57



Tgt Ion: 43 Resp: 5641
Ion Ratio Lower Upper
43 100
58 24.1 24.2 36.2#



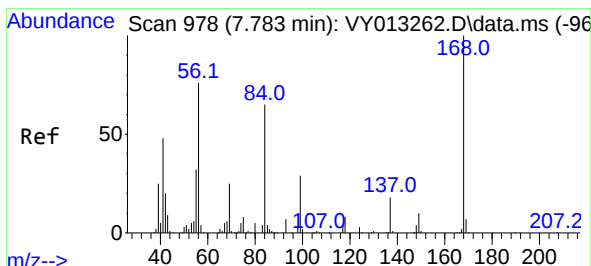
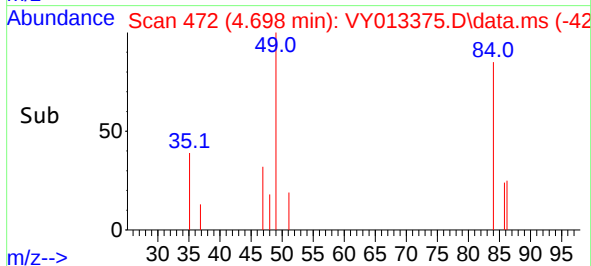
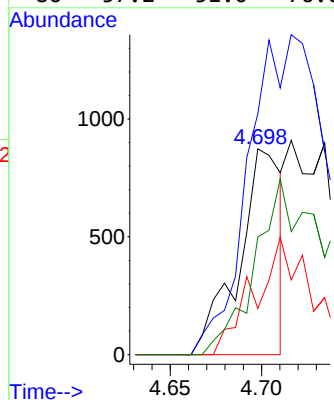
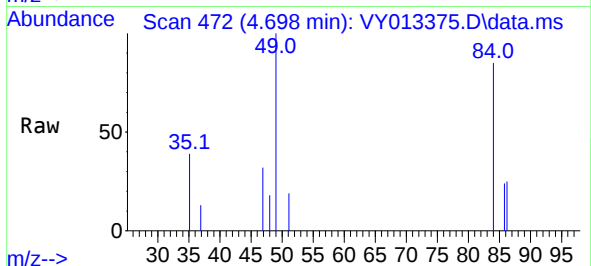


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

Tgt Ion: 84 Resp: 1409

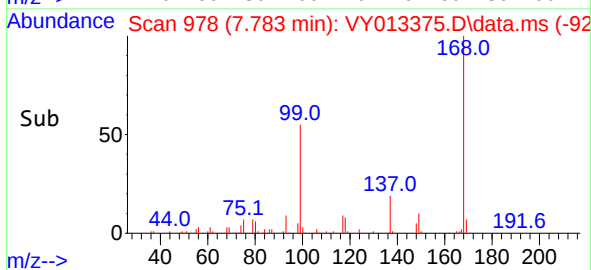
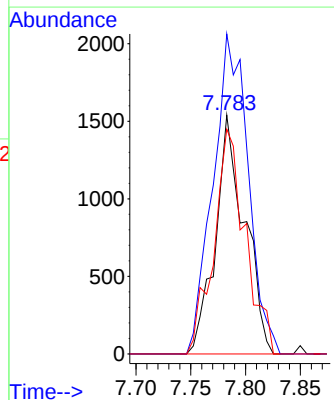
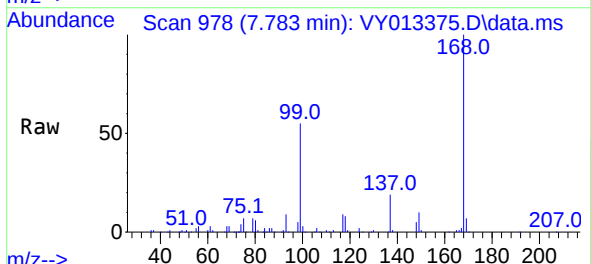
Ion	Ratio	Lower	Upper
84	100		
49	117.1	102.6	154.0
51	22.5	31.9	47.9#
86	57.2	51.0	76.6

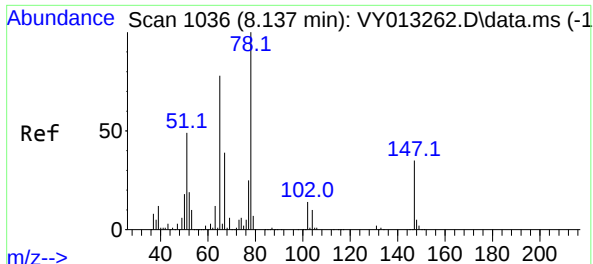


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 56 Resp: 2863

Ion	Ratio	Lower	Upper
56	100		
69	134.0	25.7	38.5#
84	94.1	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 47.344 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013375.D

Acq: 20 Apr 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

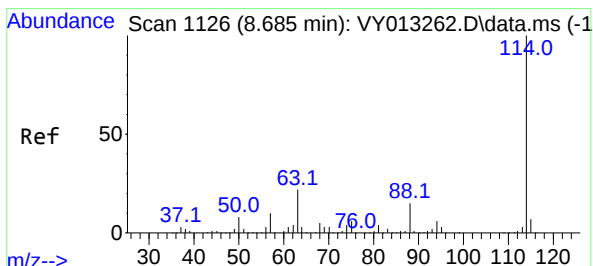
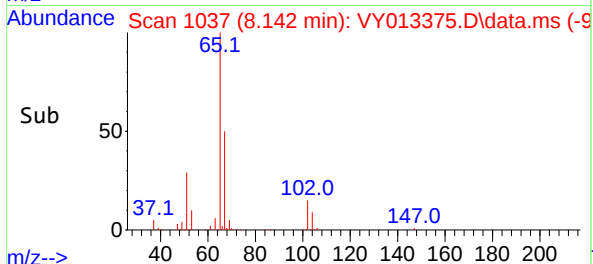
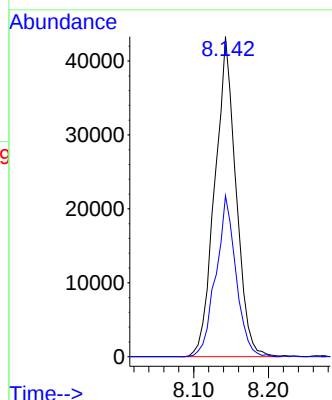
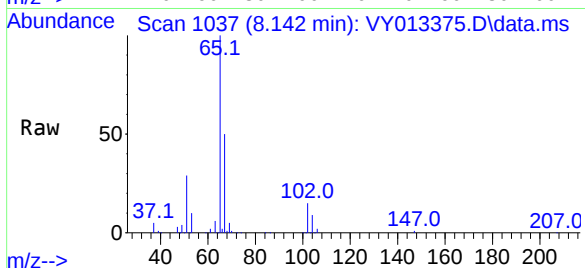
SB-12-6.0-6.5

Tgt Ion: 65 Resp: 85348

Ion Ratio Lower Upper

65 100

67 47.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013375.D

Acq: 20 Apr 2023 17:57

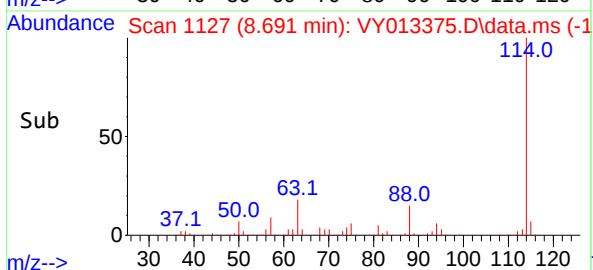
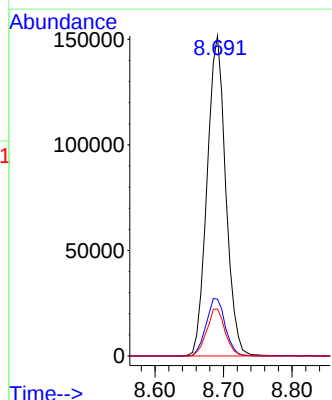
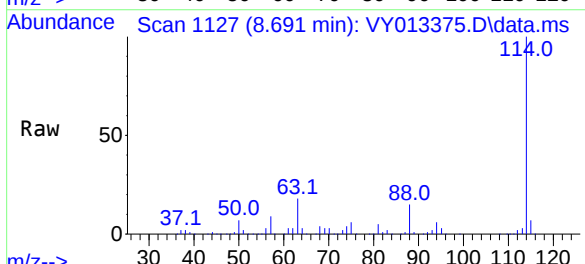
Tgt Ion: 114 Resp: 286302

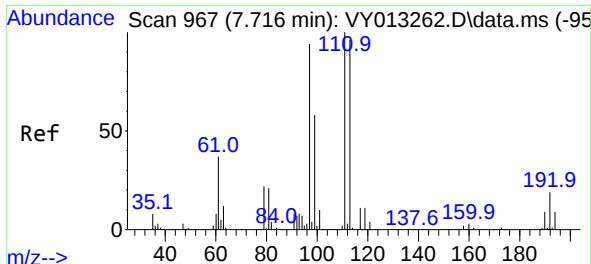
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.4

88 14.7 0.0 28.6

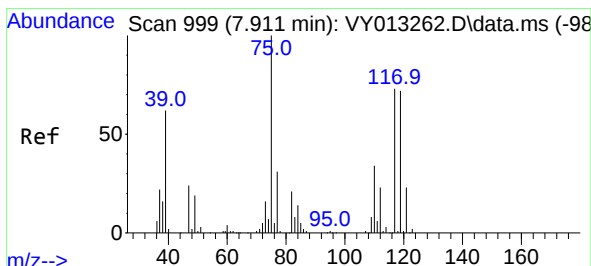
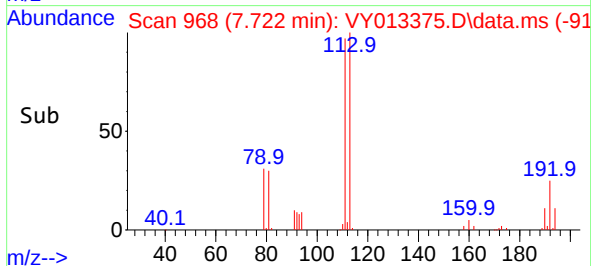
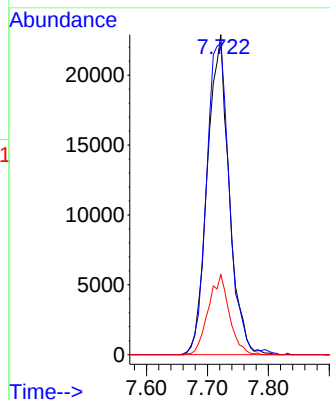
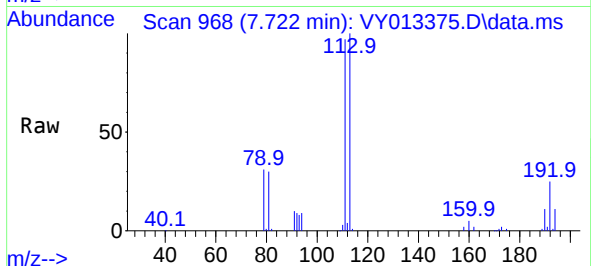




#35
Dibromofluoromethane
Concen: 30.632 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

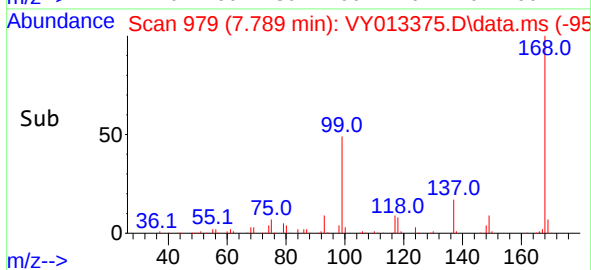
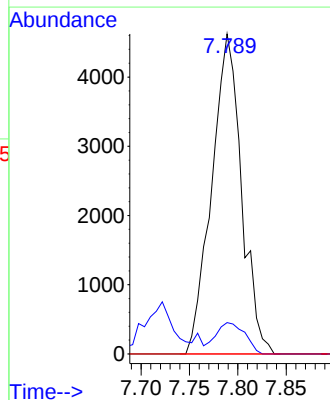
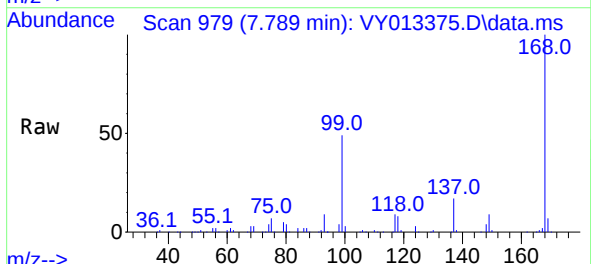
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

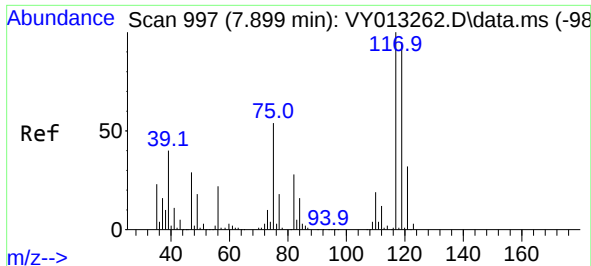
Tgt Ion:113 Resp: 56776
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 24.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.528 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

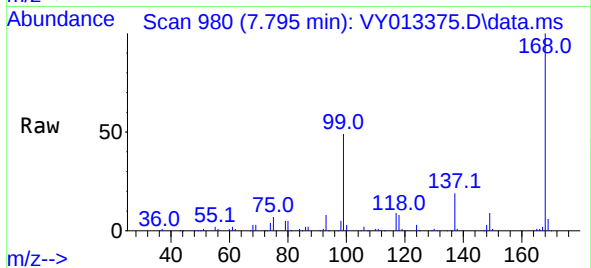
Tgt Ion: 75 Resp: 9907
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 25.0 37.4#



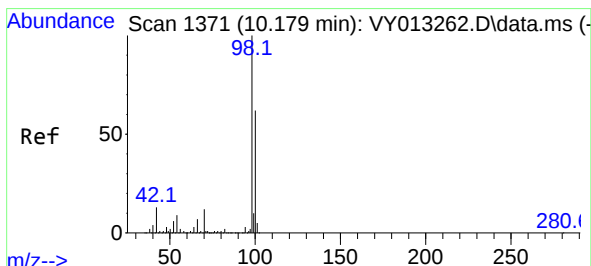
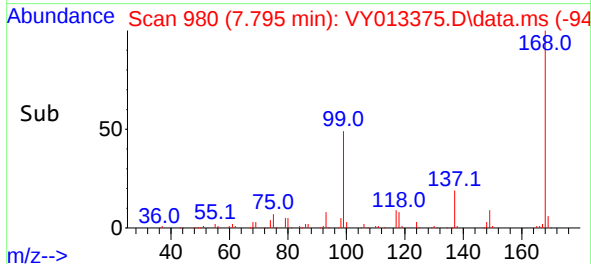
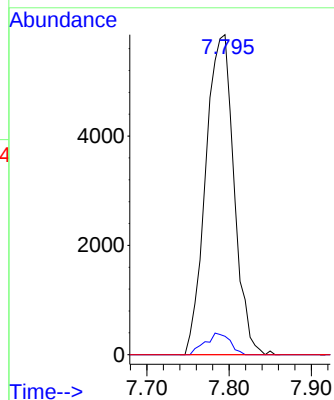


#38
Carbon Tetrachloride
Concen: 4.501 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

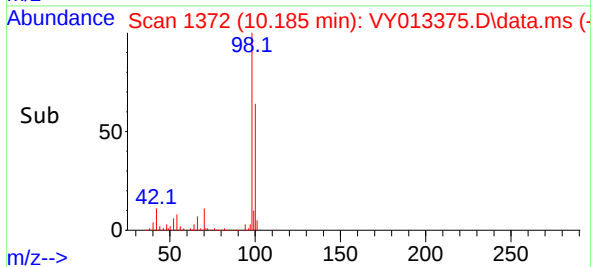
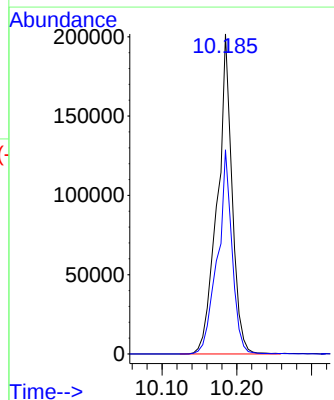
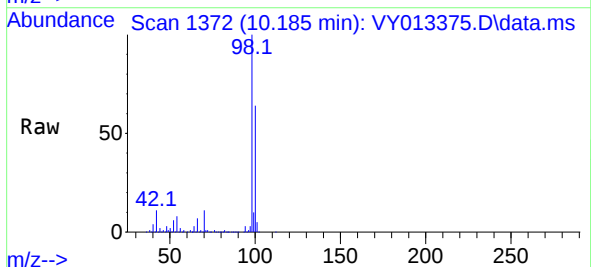


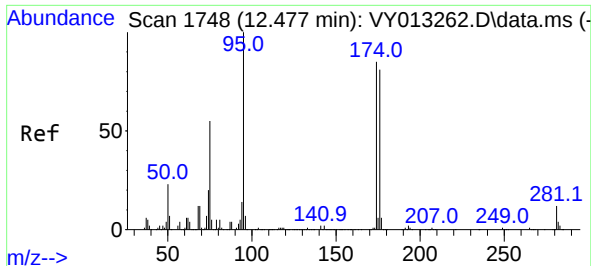
Tgt Ion:117 Resp: 13975
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 40.137 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 98 Resp: 276906
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

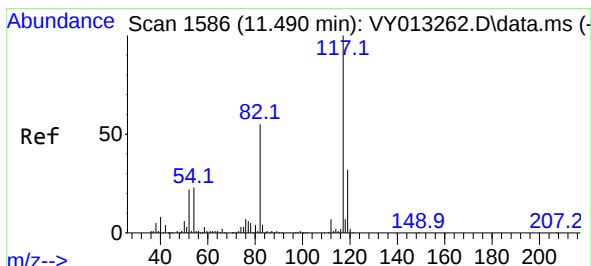
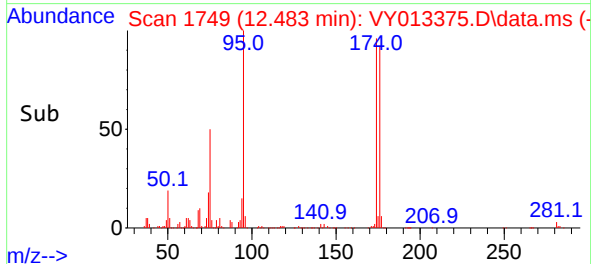
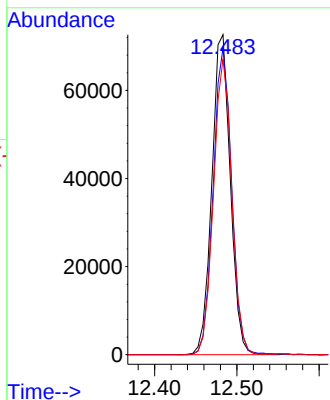
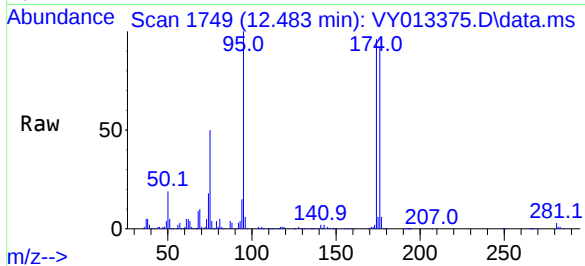




#62
4-Bromofluorobenzene
Concen: 50.621 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

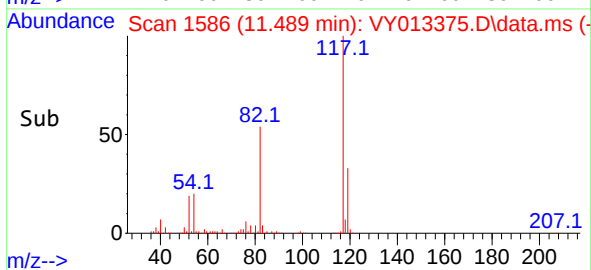
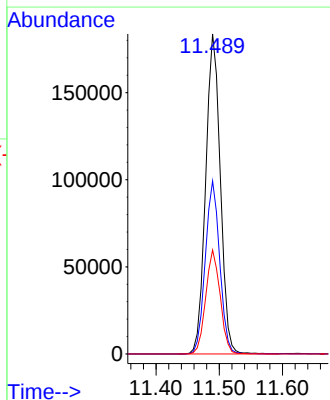
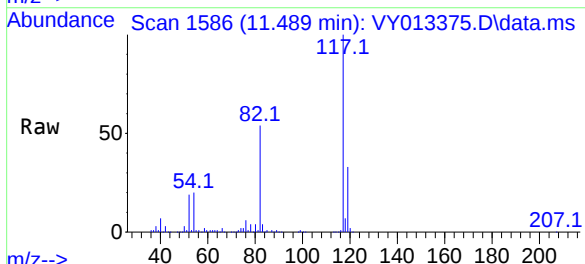
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

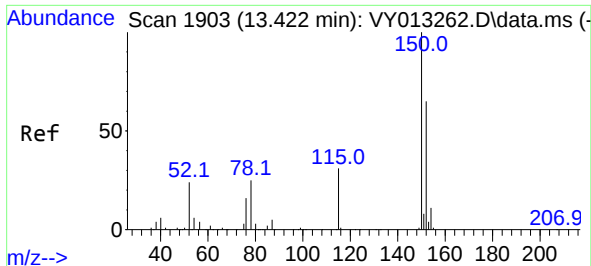
Tgt Ion: 95 Resp: 113472
Ion Ratio Lower Upper
95 100
174 95.8 0.0 176.6
176 91.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 117 Resp: 296078
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.5 25.6 38.4

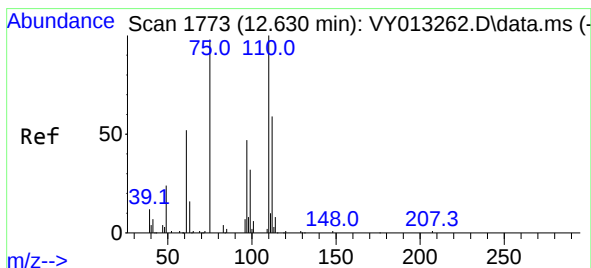
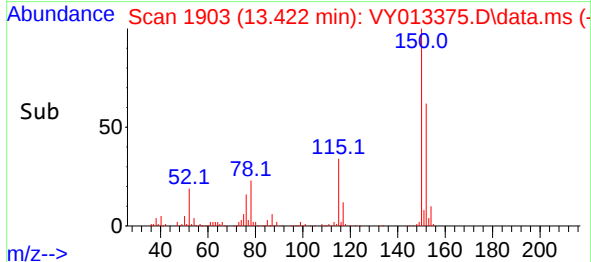
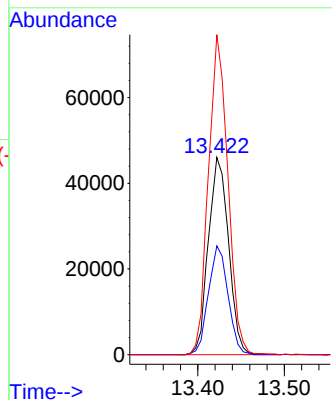
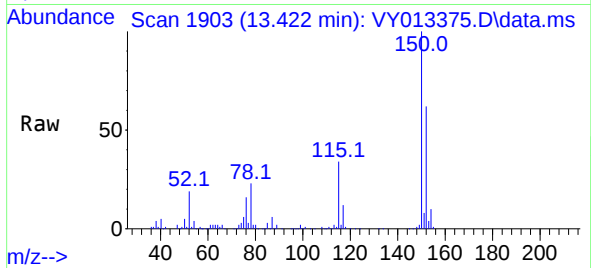




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013375.D
 Acq: 20 Apr 2023 17:57

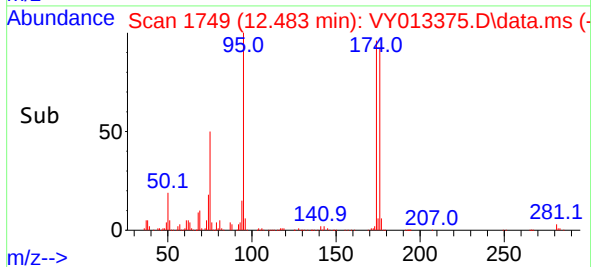
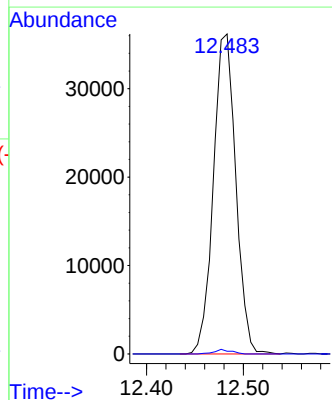
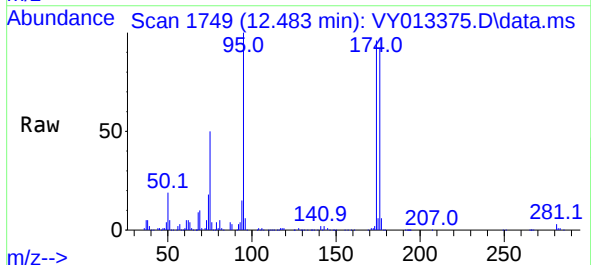
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5

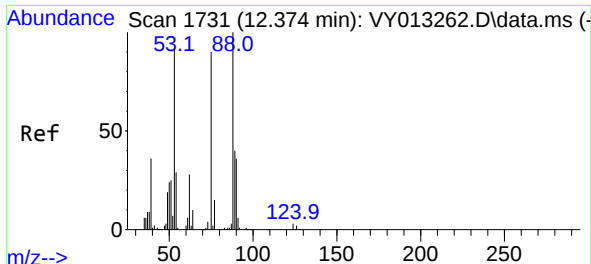
Tgt Ion:152 Resp: 74729
 Ion Ratio Lower Upper
 152 100
 115 53.3 27.1 81.3
 150 156.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 62.530 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013375.D
 Acq: 20 Apr 2023 17:57

Tgt Ion: 75 Resp: 58227
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

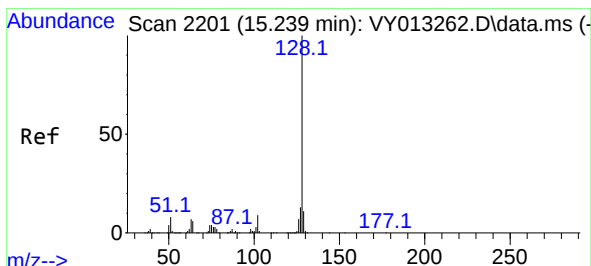
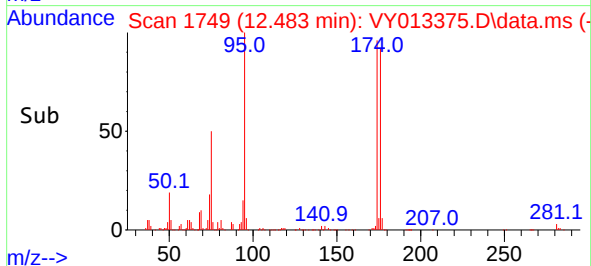
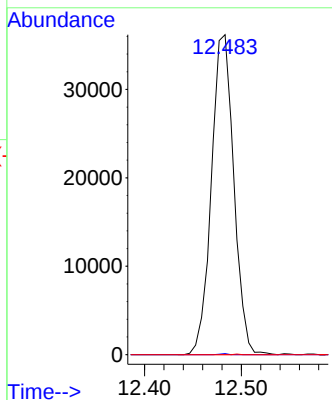
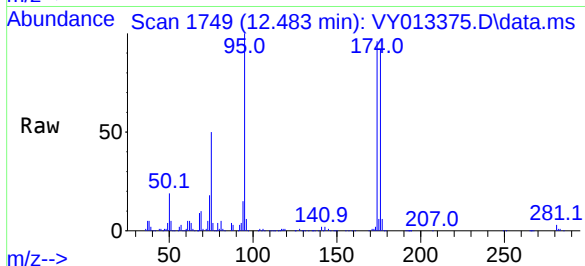




#81
trans-1,4-Dichloro-2-butene
Concen: 129.781 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5

Tgt Ion: 75 Resp: 58227
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.288 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013375.D
Acq: 20 Apr 2023 17:57

Tgt Ion: 128 Resp: 295
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

