

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015864.D
 Acq On : 06 Oct 2023 15:59
 Operator : SY/MD
 Sample : 04767-01
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-1(0-5)

Quant Time: Oct 07 07:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

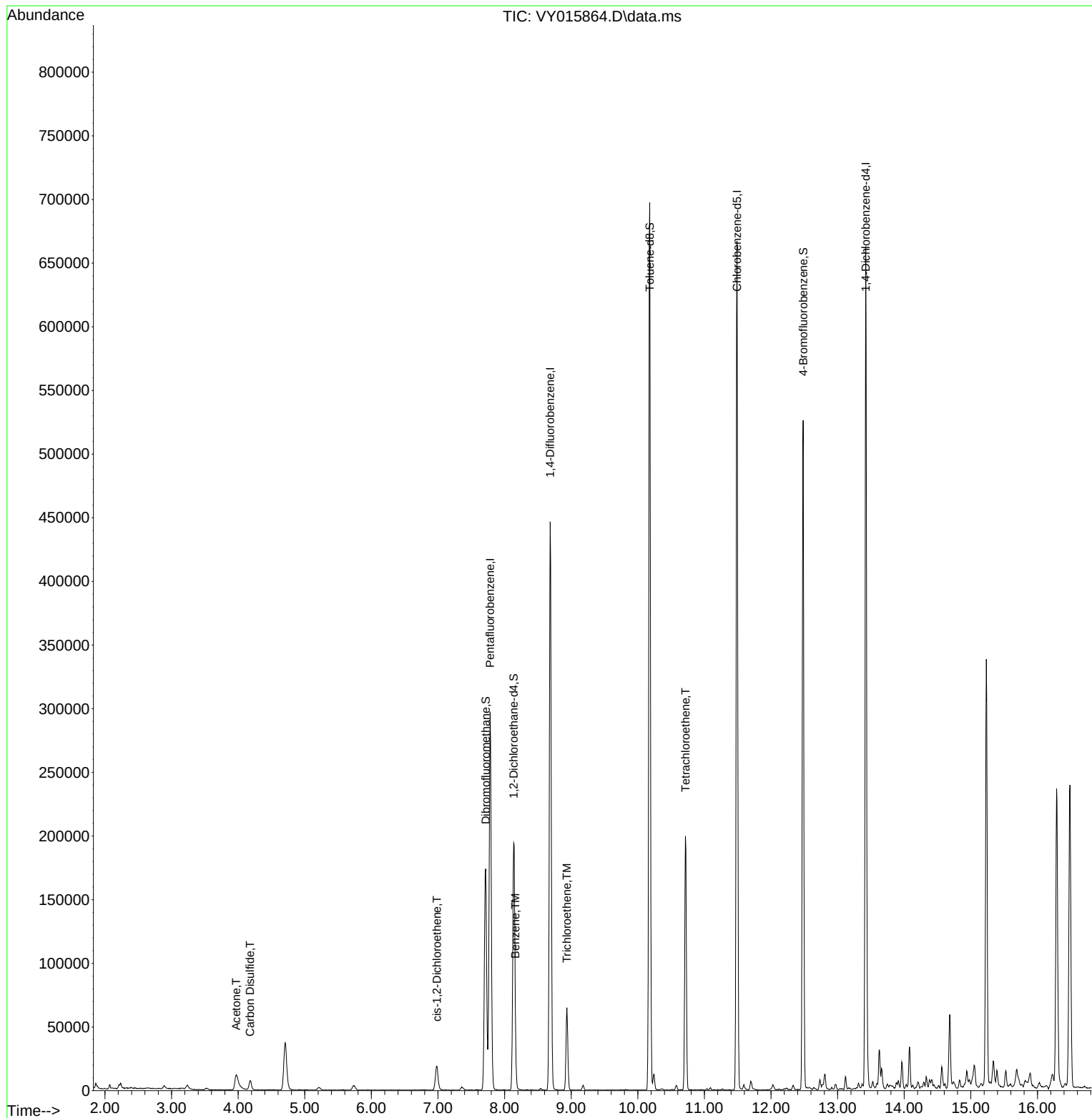
Internal Standards						
1) Pentafluorobenzene	7.783	168	224861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147533	66.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.380%	
35) Dibromofluoromethane	7.716	113	126497	56.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.040%	
50) Toluene-d8	10.179	98	461789	63.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.100%	
62) 4-Bromofluorobenzene	12.483	95	158906	53.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	32825	28.639	ug/l #	83
17) Carbon Disulfide	4.180	76	14588	9.025	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	12079	4.956	ug/l	84
40) Benzene	8.161	78	13435	1.603	ug/l	99
44) Trichloroethene	8.935	130	22616	9.223	ug/l	95
64) Tetrachloroethene	10.715	164	43731	17.170	ug/l	96

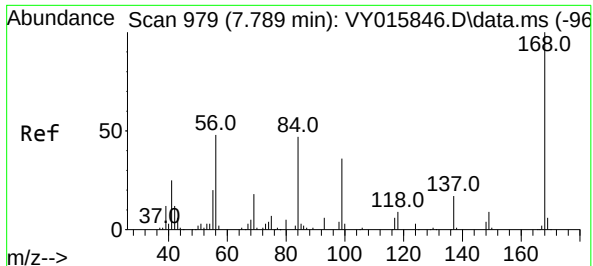
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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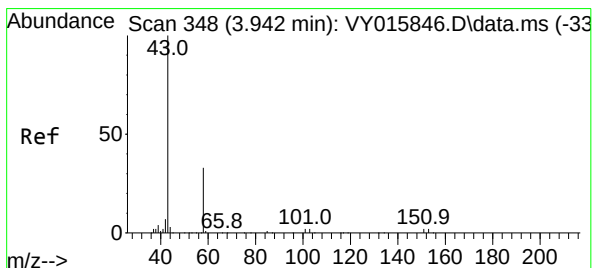
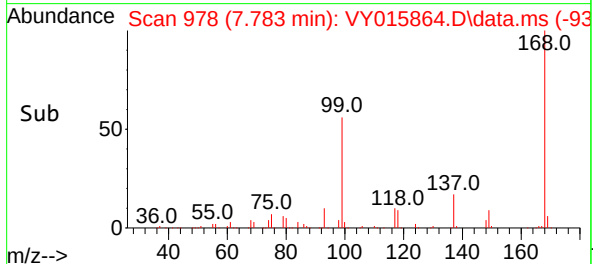
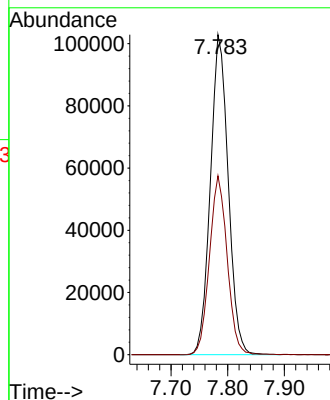
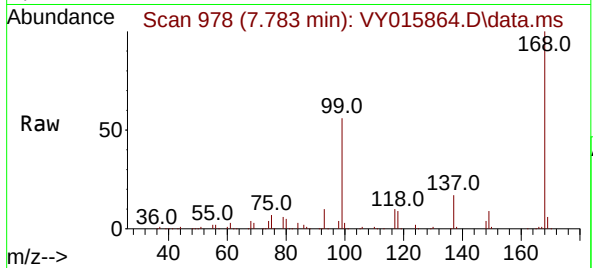




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

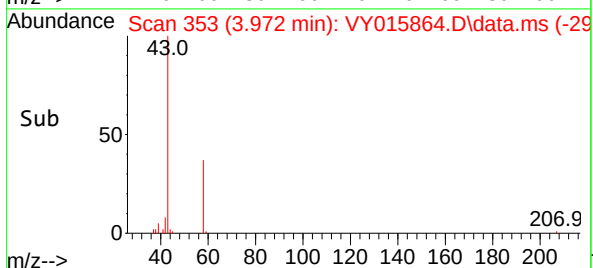
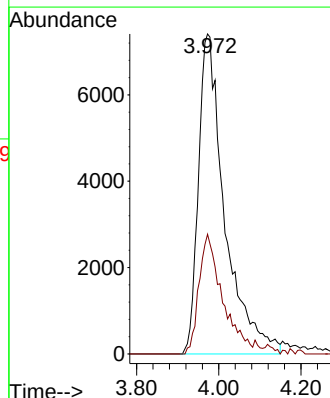
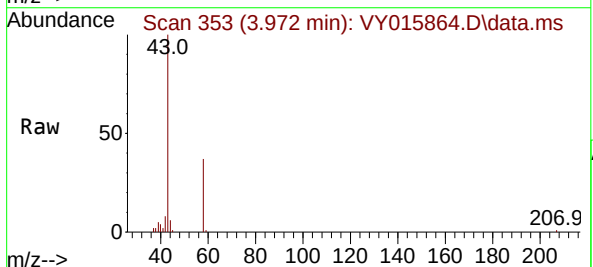
Instrument :
MSVOA_Y
ClientSampleId :
D-1(0-5)

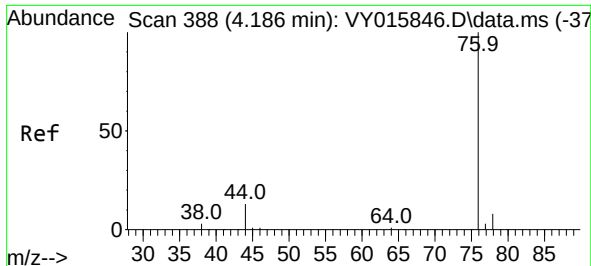
Tgt Ion:168 Resp: 224861
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 28.639 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

Tgt Ion: 43 Resp: 32825
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 9.025 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015864.D

Acq: 06 Oct 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

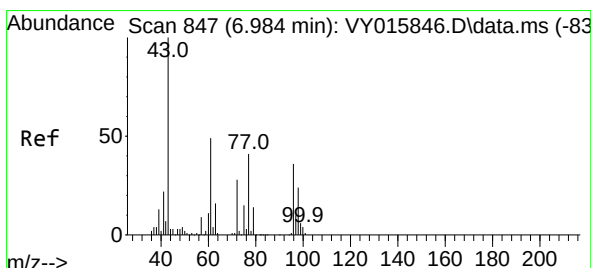
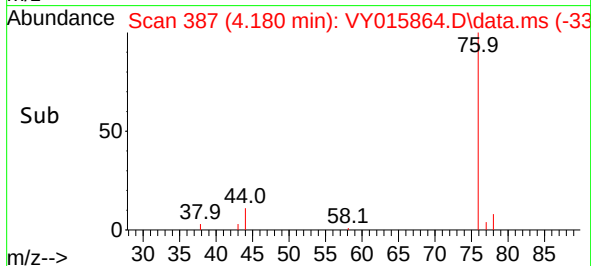
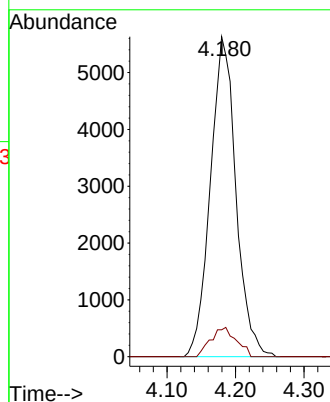
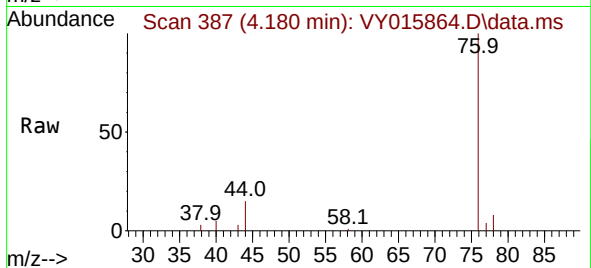
D-1(0-5)

Tgt Ion: 76 Resp: 14588

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.4



#27

cis-1,2-Dichloroethene

Concen: 4.956 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015864.D

Acq: 06 Oct 2023 15:59

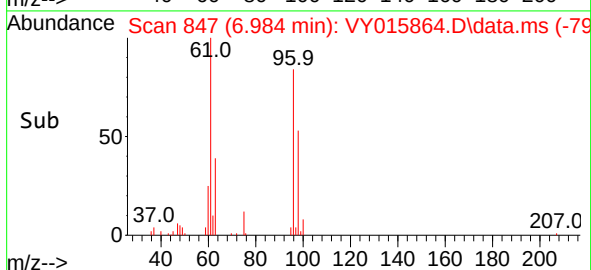
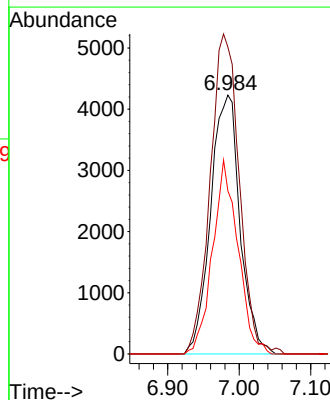
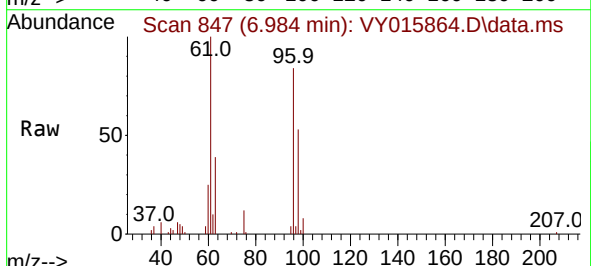
Tgt Ion: 96 Resp: 12079

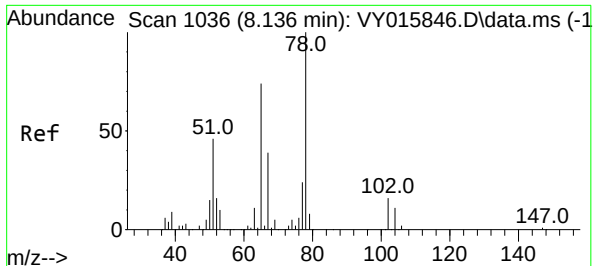
Ion Ratio Lower Upper

96 100

61 122.3 0.0 301.4

98 64.6 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 66.689 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015864.D

Acq: 06 Oct 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

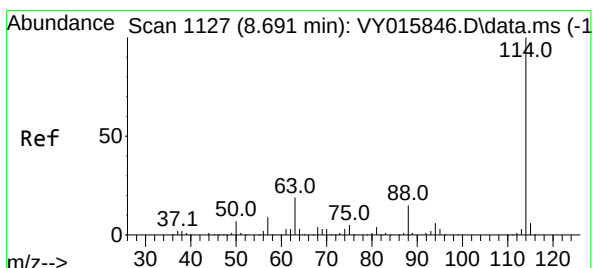
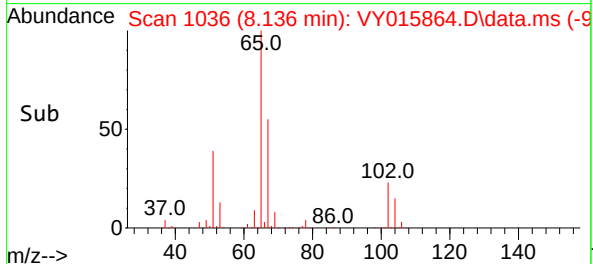
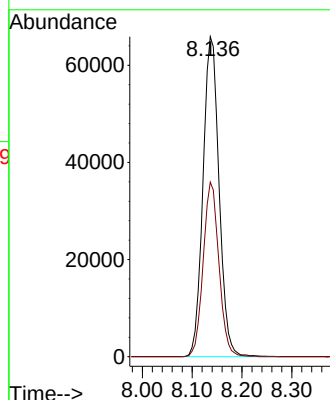
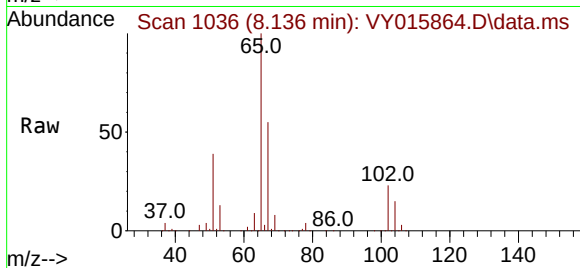
D-1(0-5)

Tgt Ion: 65 Resp: 147533

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015864.D

Acq: 06 Oct 2023 15:59

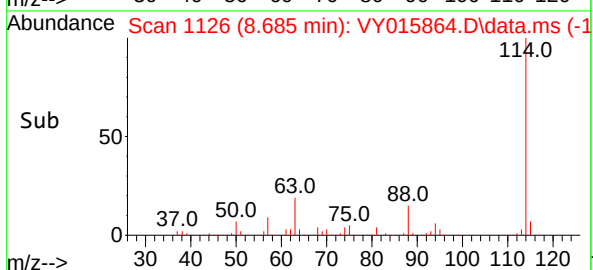
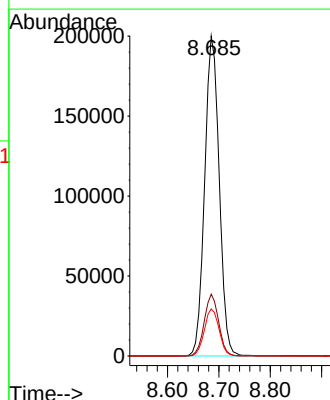
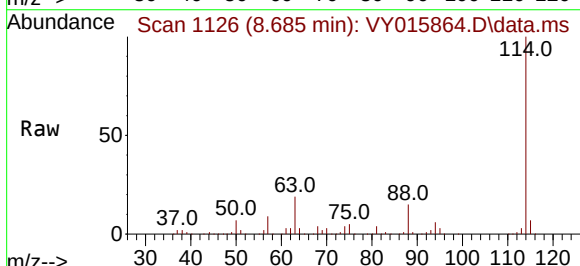
Tgt Ion: 114 Resp: 392649

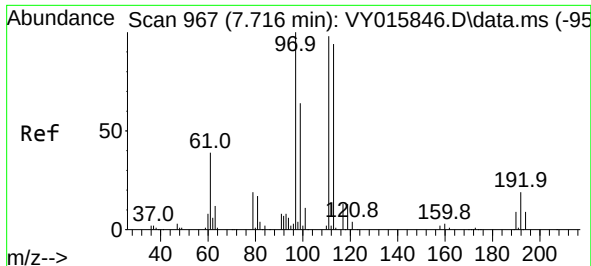
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.7 0.0 30.6

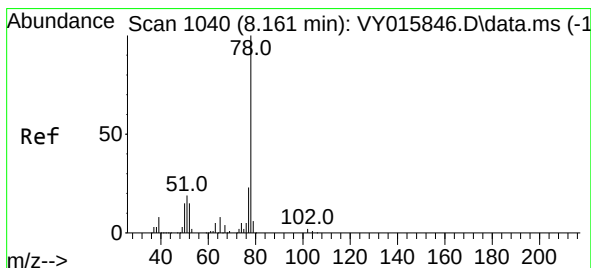
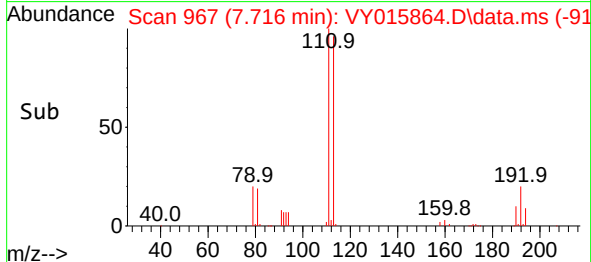
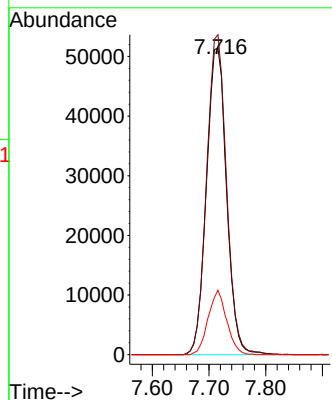
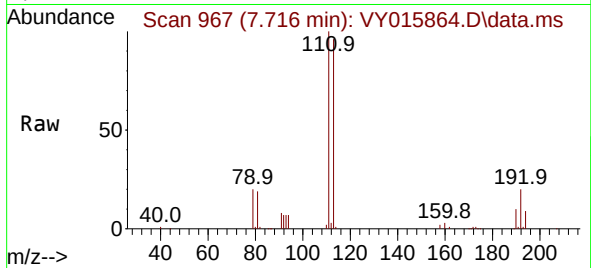




#35
Dibromofluoromethane
Concen: 56.519 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

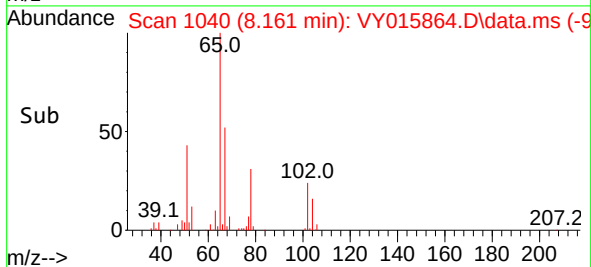
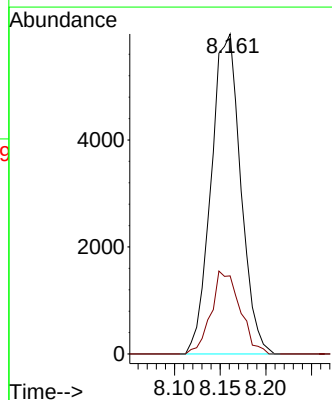
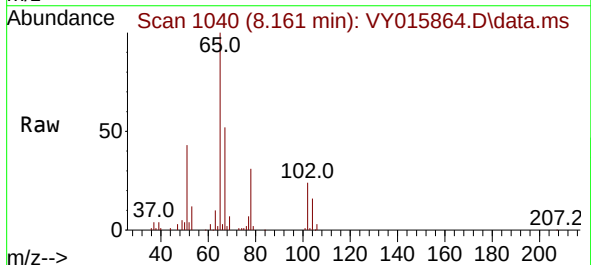
Instrument :
MSVOA_Y
ClientSampleId :
D-1(0-5)

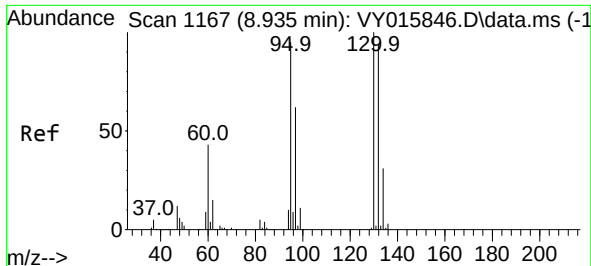
Tgt Ion:113 Resp: 126497
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.4 16.9 25.3



#40
Benzene
Concen: 1.603 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

Tgt Ion: 78 Resp: 13435
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

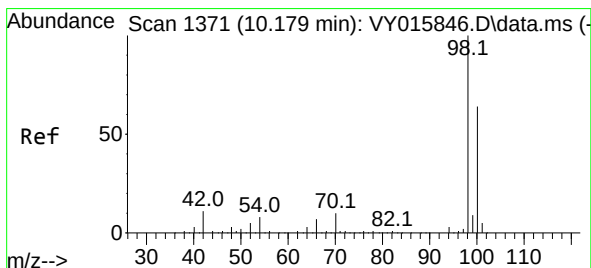
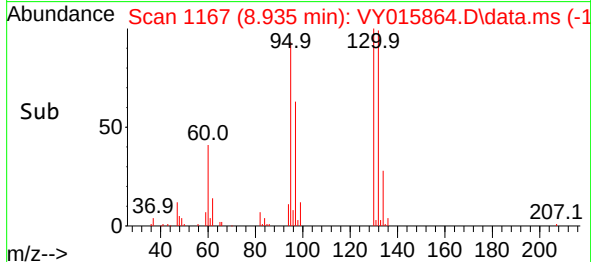
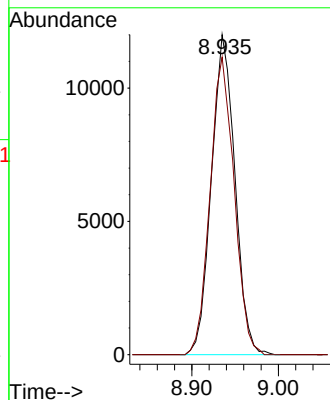
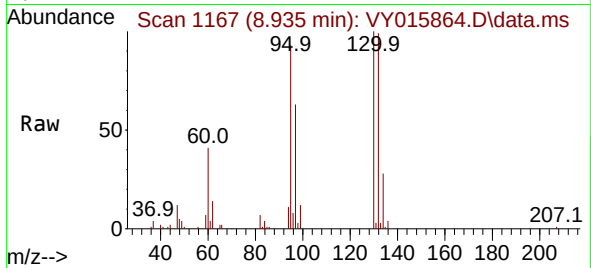




#44
 Trichloroethene
 Concen: 9.223 ug/l
 RT: 8.935 min Scan# 1167
 Delta R.T. 0.000 min
 Lab File: VY015864.D
 Acq: 06 Oct 2023 15:59

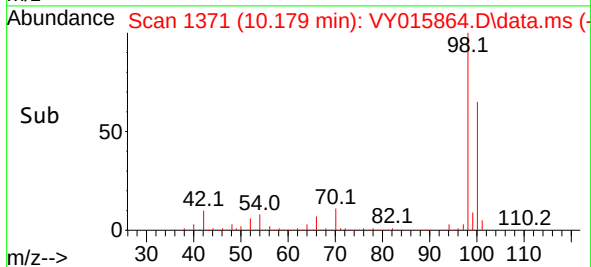
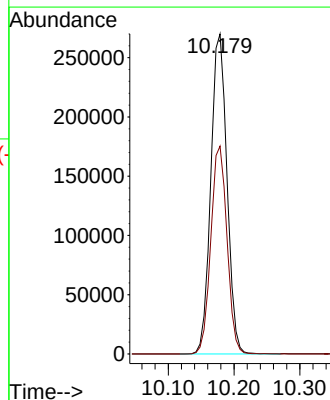
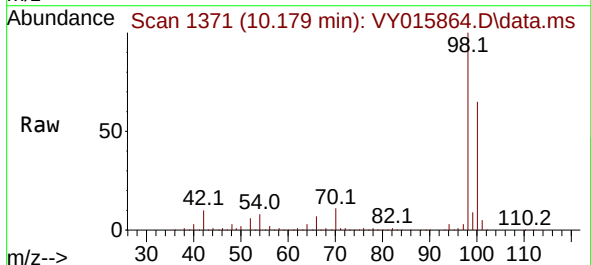
Instrument :
 MSVOA_Y
 ClientSampleId :
 D-1(0-5)

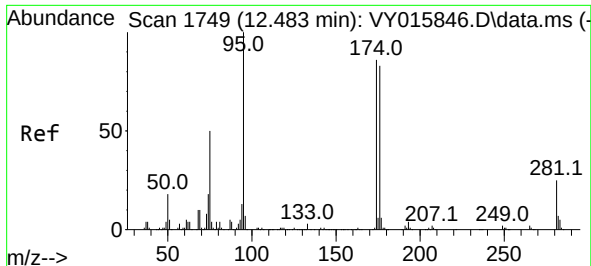
Tgt Ion:130 Resp: 22616
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 196.0



#50
 Toluene-d8
 Concen: 63.550 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY015864.D
 Acq: 06 Oct 2023 15:59

Tgt Ion: 98 Resp: 461789
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.1 75.1

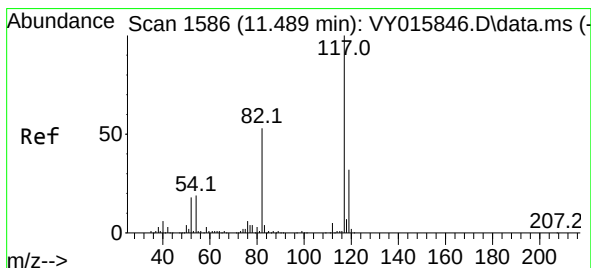
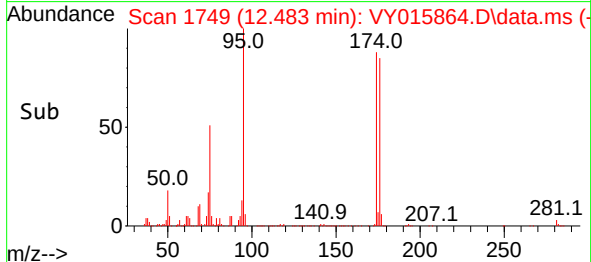
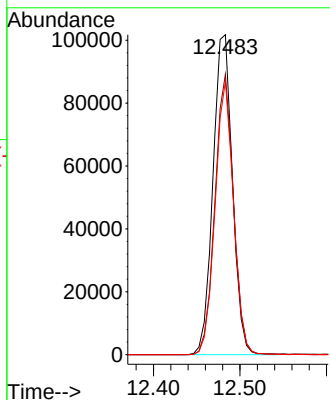
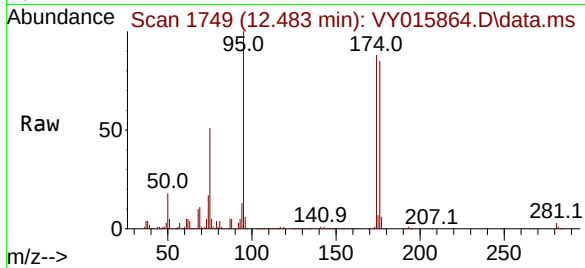




#62
4-Bromofluorobenzene
Concen: 53.500 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

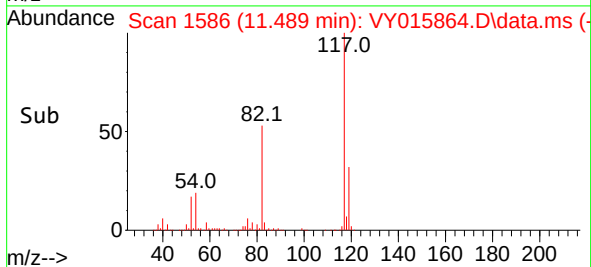
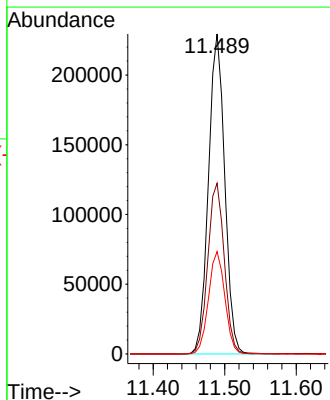
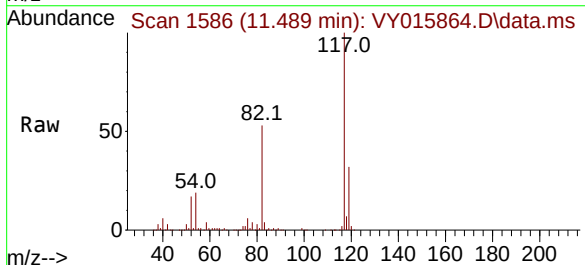
Instrument :
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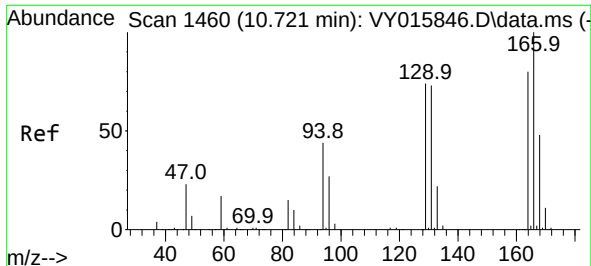
Tgt Ion: 95 Resp: 158906
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

Tgt Ion: 117 Resp: 362356
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.0 26.3 39.5

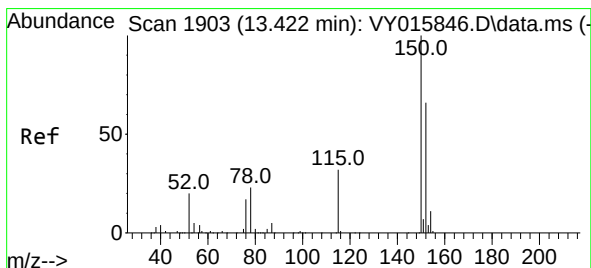
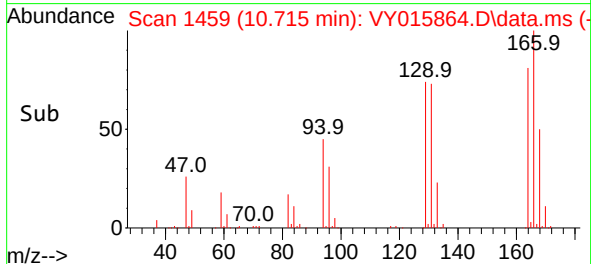
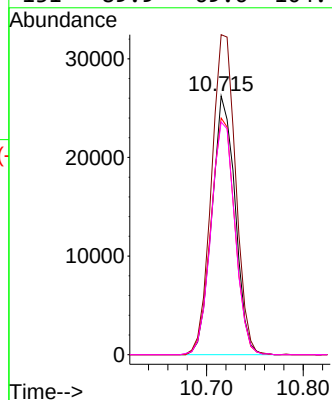
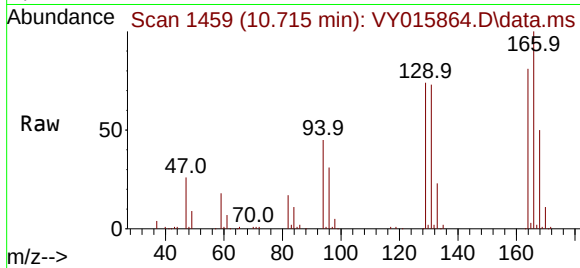




#64
Tetrachloroethene
Concen: 17.170 ug/l
RT: 10.715 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
D-1(0-5)

Tgt Ion:164 Resp: 43731
Ion Ratio Lower Upper
164 100
166 123.7 103.0 154.6
129 91.5 77.2 115.8
131 89.9 69.6 104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015864.D
Acq: 06 Oct 2023 15:59

Tgt Ion:152 Resp: 165015
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 157.7 0.0 348.8

