

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013848.D
 Acq On : 24 May 2023 15:58
 Operator : KP/MD
 Sample : 02899-06RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB08RE

Quant Time: May 25 07:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

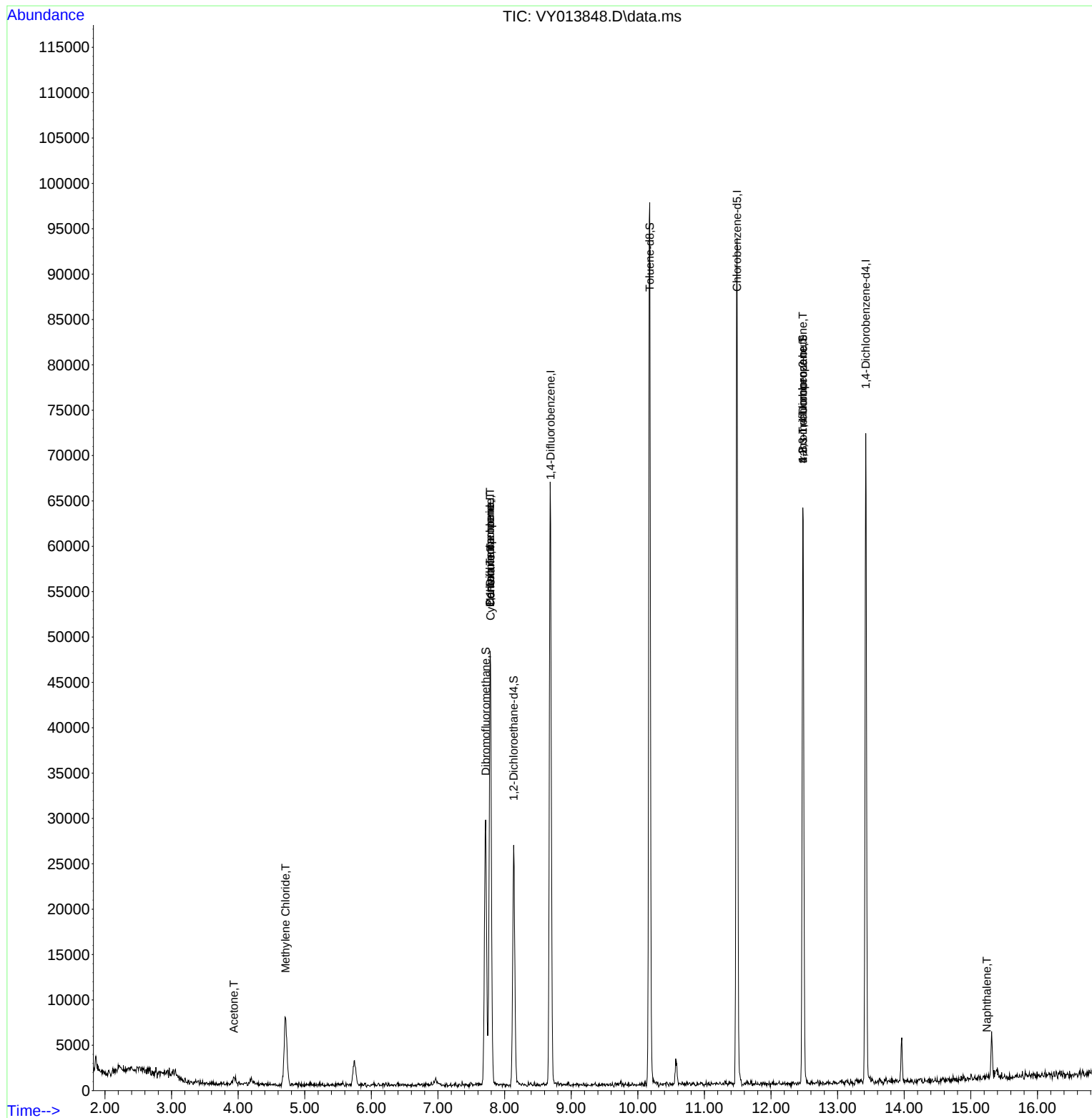
Internal Standards						
1) Pentafluorobenzene	7.783	168	37833	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	56190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	50096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20852	47.641	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.280%		
35) Dibromofluoromethane	7.716	113	19540	53.847	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.700%		
50) Toluene-d8	10.179	98	66185	47.989	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.980%		
62) 4-Bromofluorobenzene	12.477	95	17363	37.874	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.740%		
Target Compounds						
16) Acetone	3.936	43	1582	12.178	ug/l	96
20) Methylene Chloride	4.710	84	5397	9.668	ug/l #	72
31) Cyclohexane	7.789	56	1000	1.487	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	2740	4.957	ug/l #	49
38) Carbon Tetrachloride	7.783	117	3590	5.711	ug/l #	22
76) 1,2,3-Trichloropropane	12.477	75	9922	44.733	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9922	97.100	ug/l #	10
95) Naphthalene	15.239	128	152	4.721	ug/l #	68

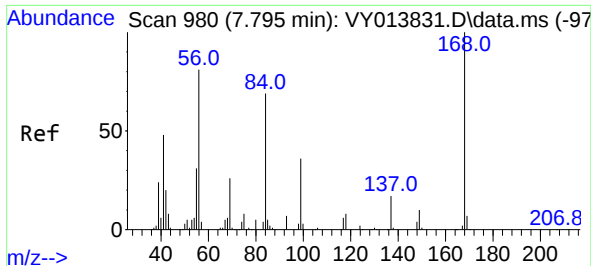
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

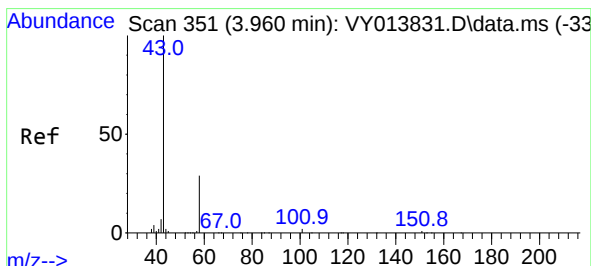
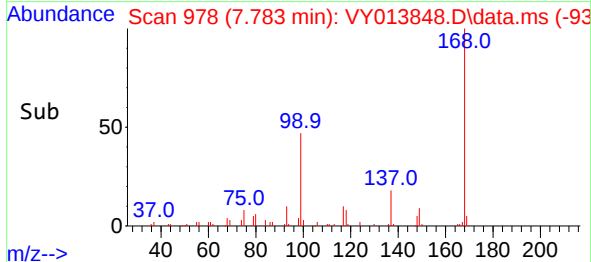
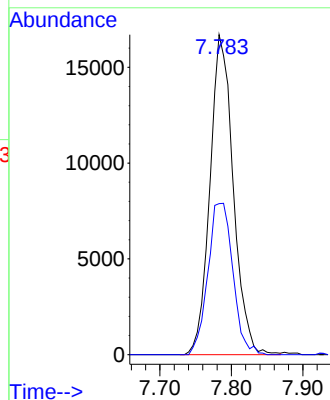
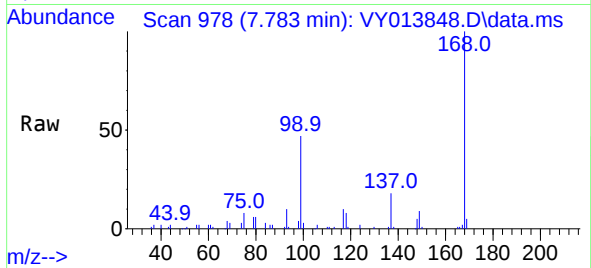




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

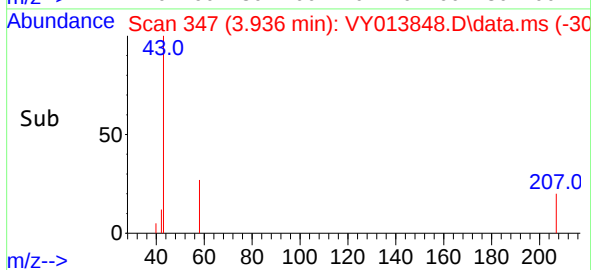
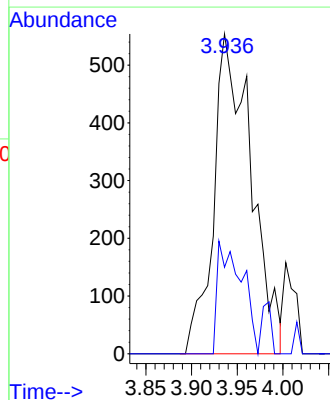
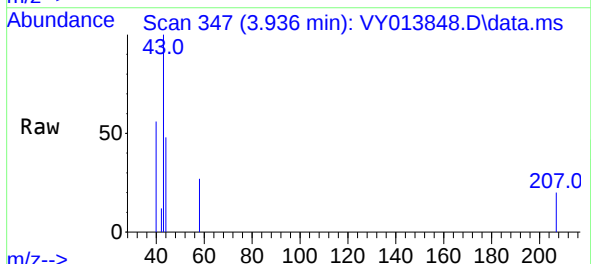
Instrument :
MSVOA_Y
ClientSampleId :
SB08RE

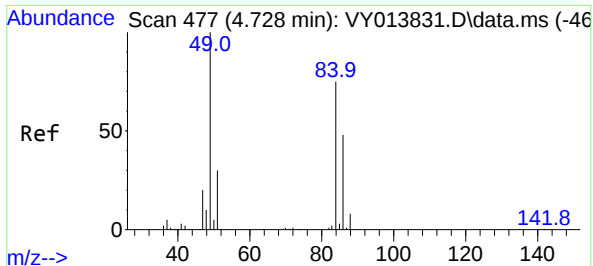
Tgt Ion:168 Resp: 37833
Ion Ratio Lower Upper
168 100
99 47.2 43.4 65.2



#16
Acetone
Concen: 12.178 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.024 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

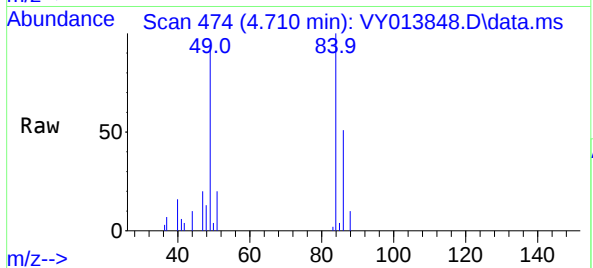
Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
58 27.1 23.3 34.9





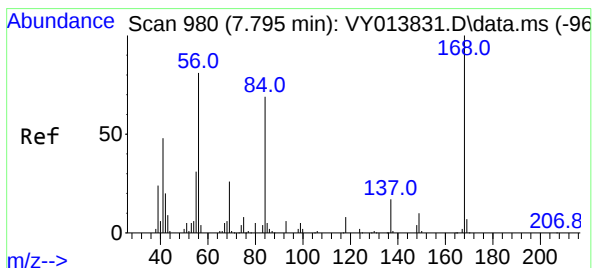
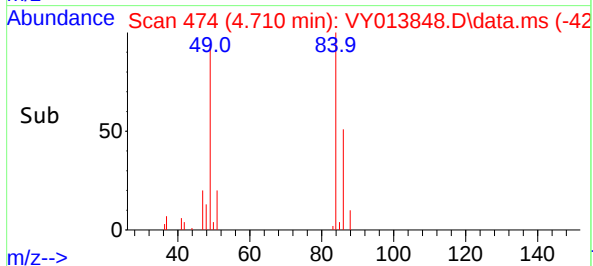
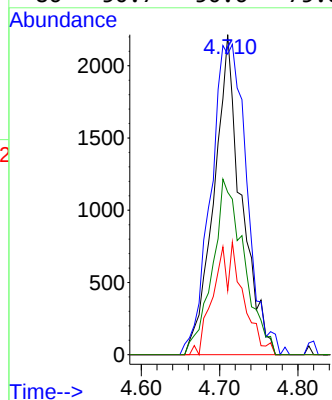
#20
Methylene Chloride
Concen: 9.668 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 84 Resp: 5397

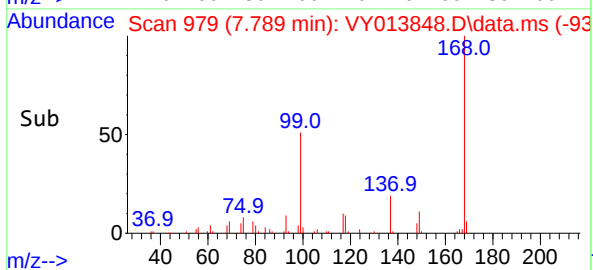
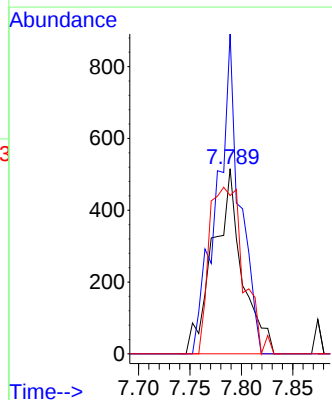
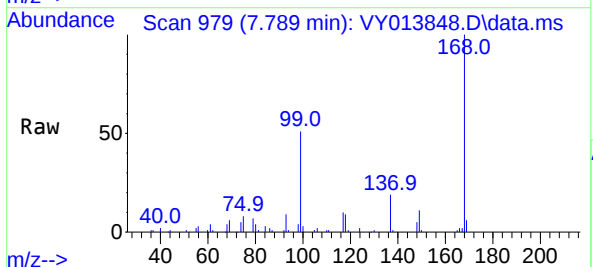
Ion	Ratio	Lower	Upper
84	100		
49	93.9	106.2	159.2#
51	20.1	31.4	47.0#
86	50.7	50.6	75.8

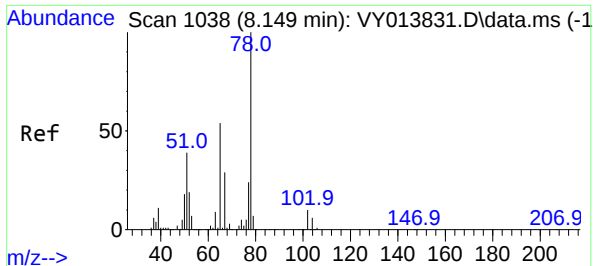


#31
Cyclohexane
Concen: 1.487 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 56 Resp: 1000

Ion	Ratio	Lower	Upper
56	100		
69	172.7	25.8	38.8#
84	85.5	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 47.641 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013848.D

Acq: 24 May 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

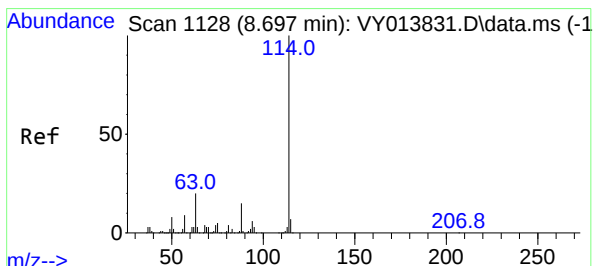
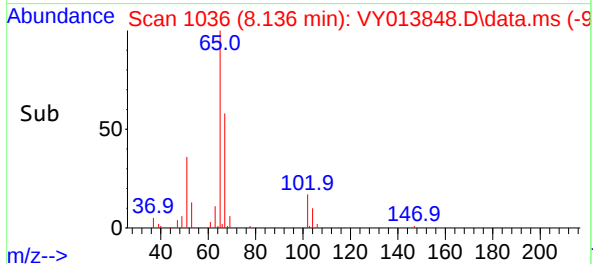
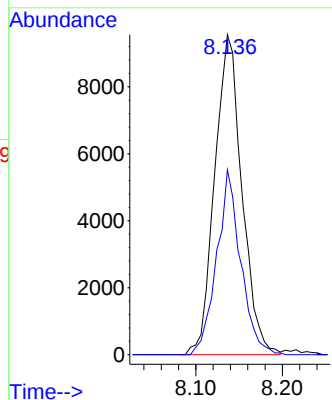
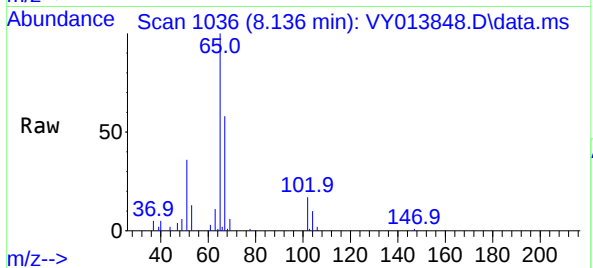
SB08RE

Tgt Ion: 65 Resp: 20852

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013848.D

Acq: 24 May 2023 15:58

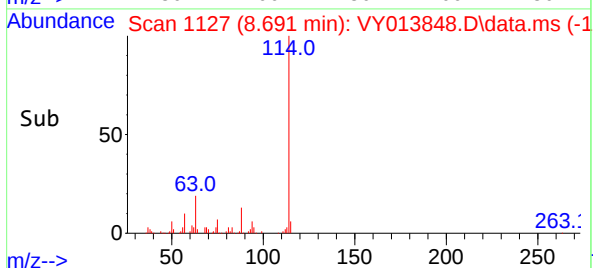
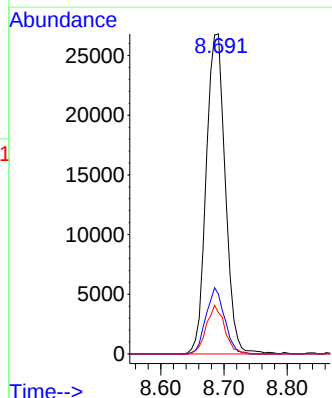
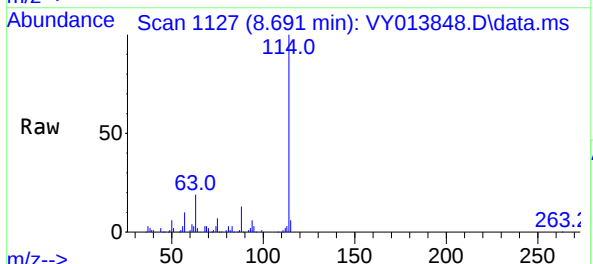
Tgt Ion:114 Resp: 56190

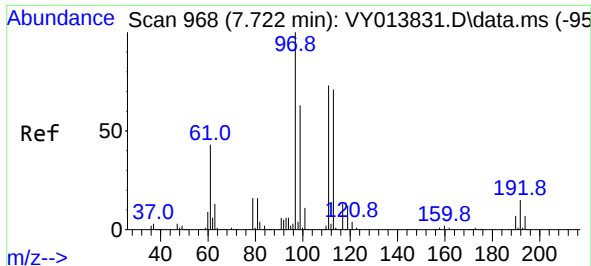
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 12.9 0.0 30.0

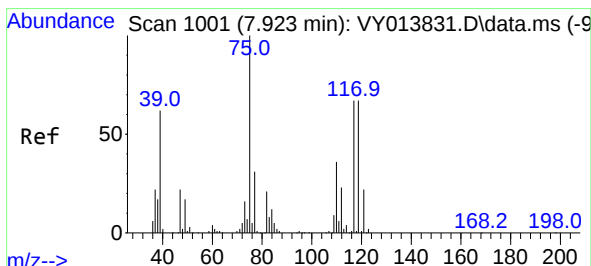
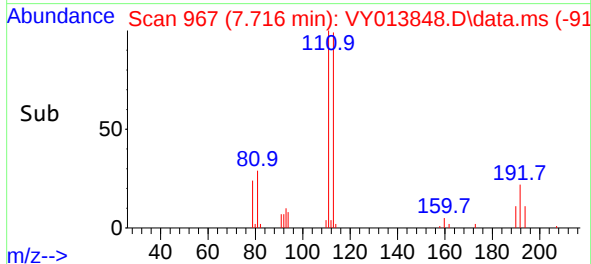
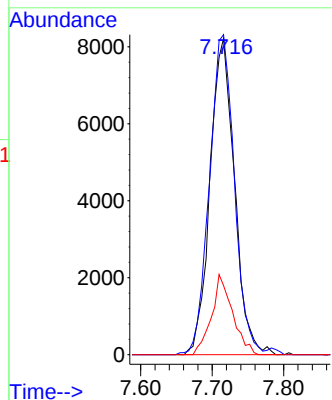
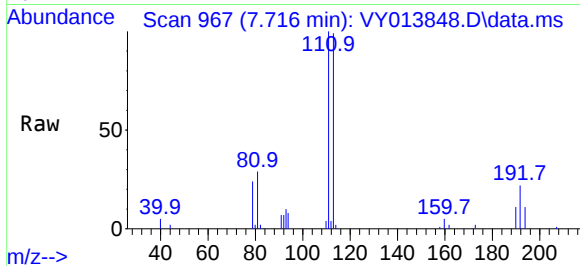




#35
Dibromofluoromethane
Concen: 53.847 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

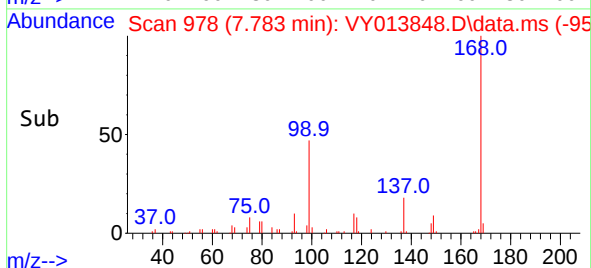
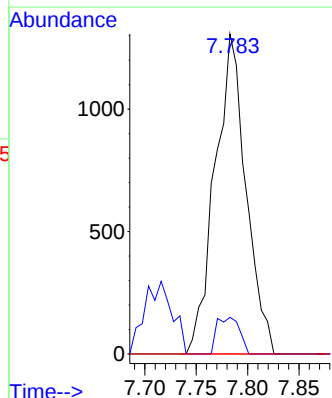
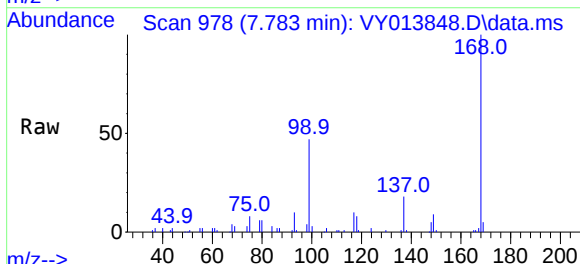
Instrument :
MSVOA_Y
ClientSampleId :
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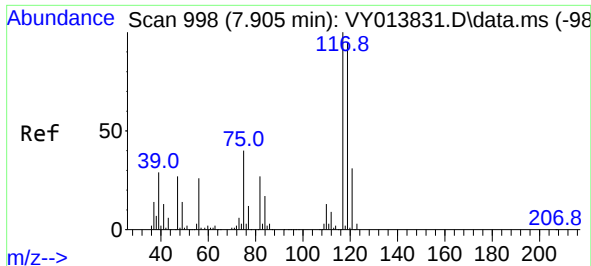
Tgt Ion:113 Resp: 19540
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 21.7 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 75 Resp: 2740
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.6#
77 0.0 24.4 36.6#

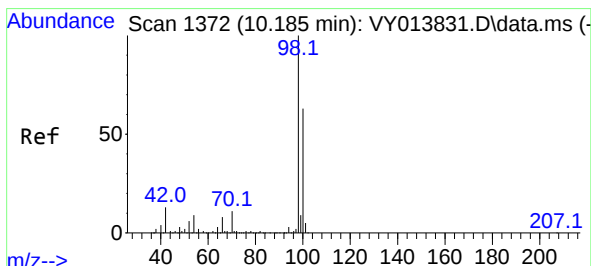
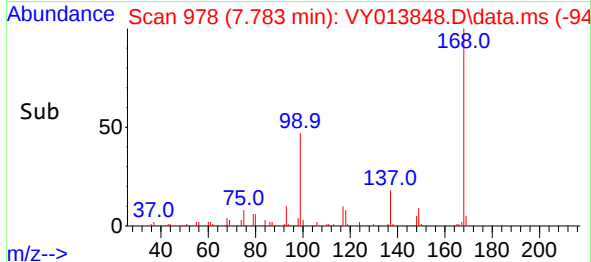
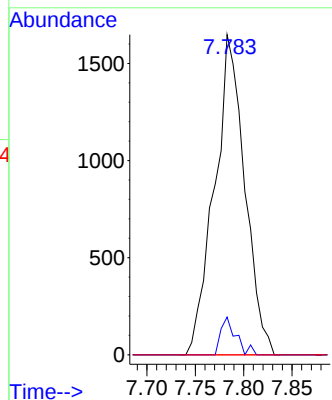
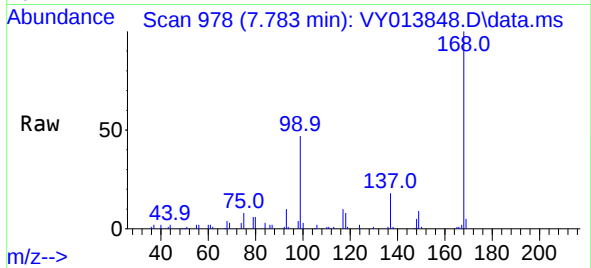




#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

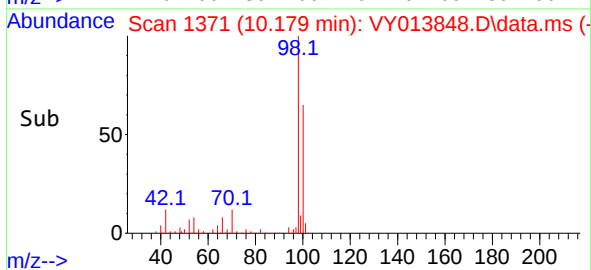
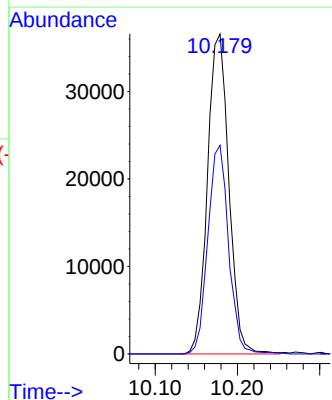
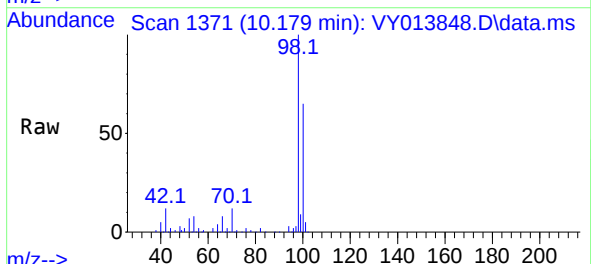
Instrument :
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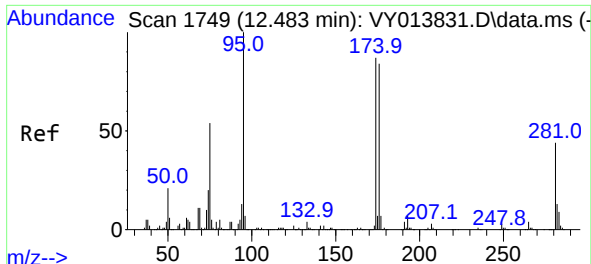
Tgt Ion:117 Resp: 3590
Ion Ratio Lower Upper
117 100
119 11.8 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.989 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 98 Resp: 66185
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2

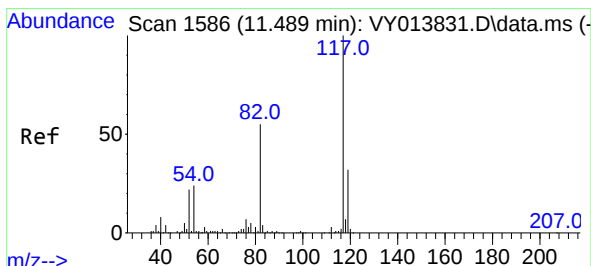
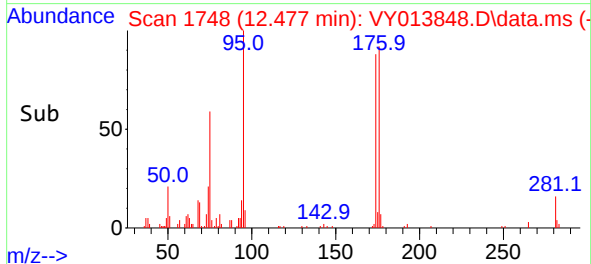
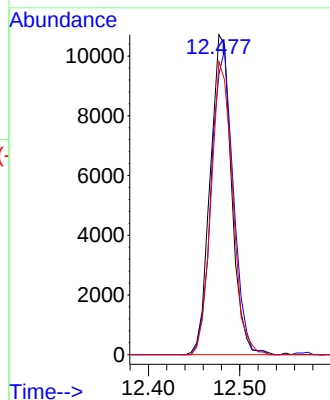
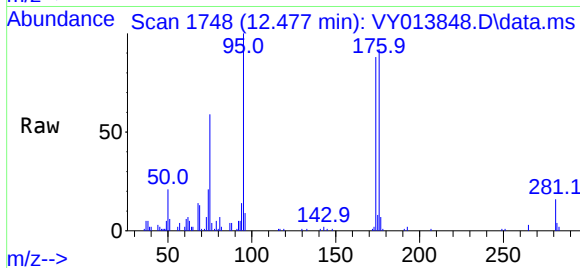




#62
4-Bromofluorobenzene
Concen: 37.874 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

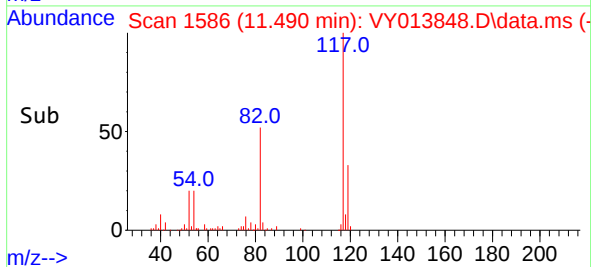
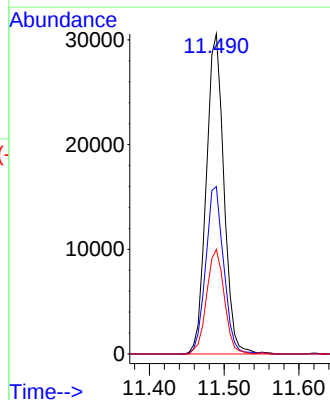
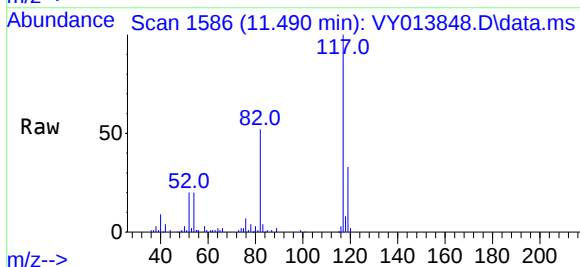
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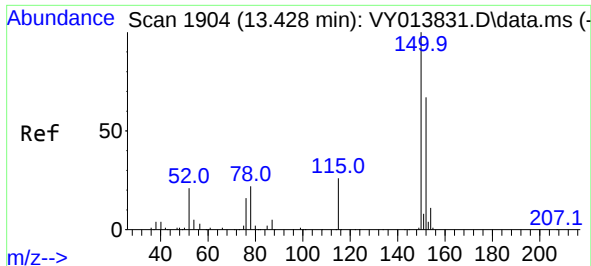
Tgt Ion:	95	Resp:	17363
Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	176.0
176	92.1	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion:	117	Resp:	50096
Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.2	66.4
119	32.7	25.7	38.5

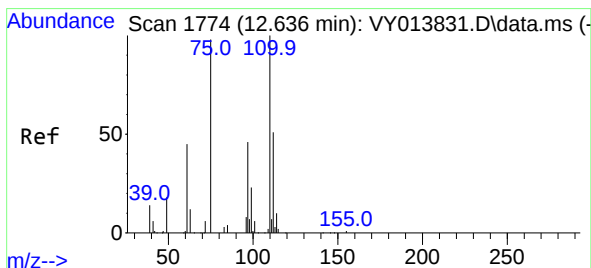
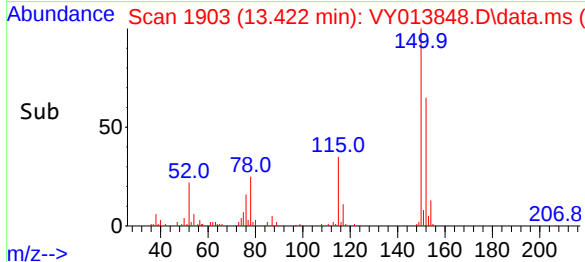
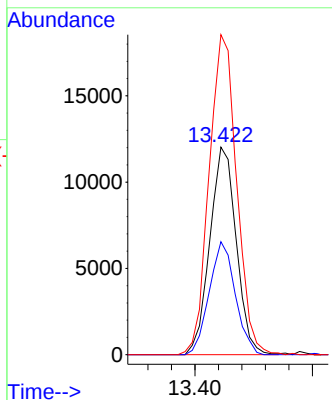
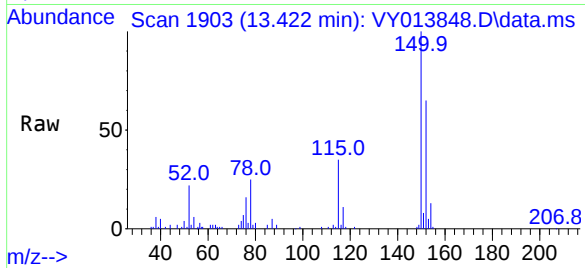




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

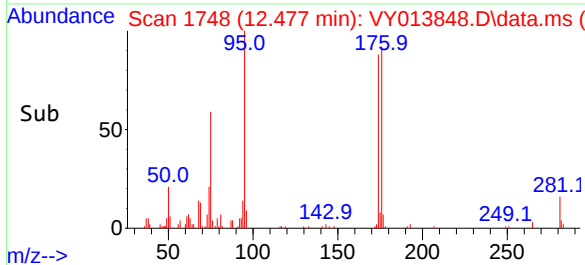
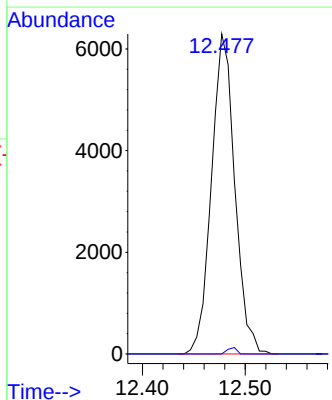
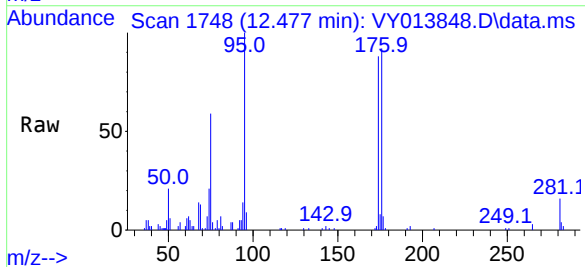
Instrument :
MSVOA_Y
ClientSampleId :
SB08RE

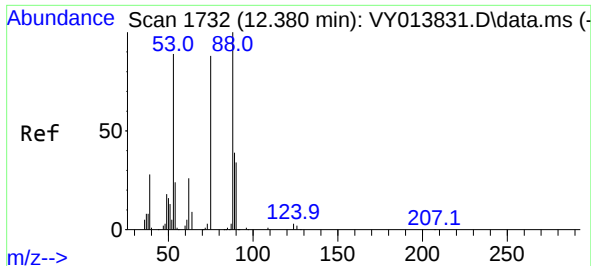
Tgt Ion:152 Resp: 18811
Ion Ratio Lower Upper
152 100
115 53.6 28.8 86.5
150 160.7 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 44.733 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 75 Resp: 9922
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

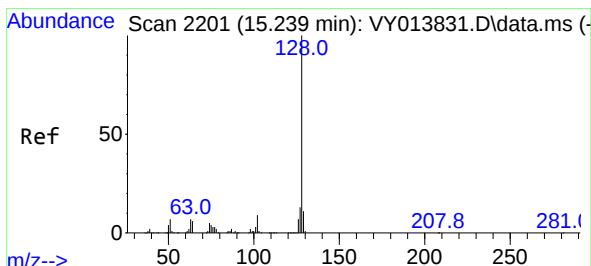
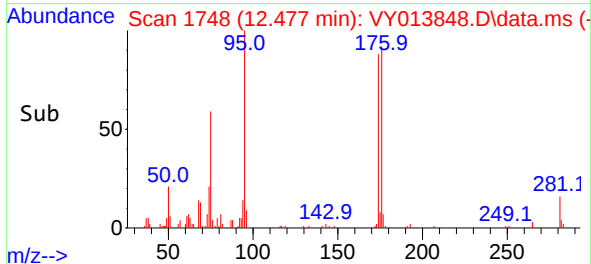
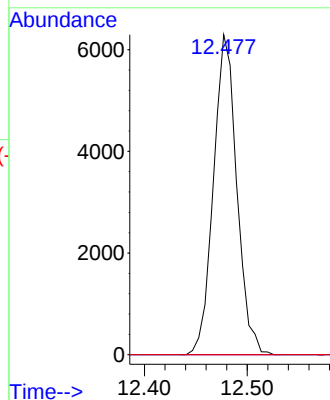
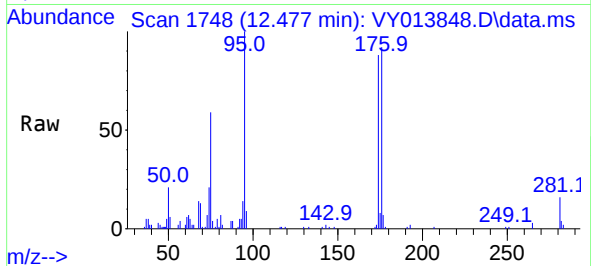




#81
trans-1,4-Dichloro-2-butene
Concen: 97.100 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Instrument :
MSVOA_Y
ClientSampleId :
SB08RE

Tgt Ion: 75 Resp: 9922
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.721 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013848.D
Acq: 24 May 2023 15:58

Tgt Ion: 128 Resp: 152
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

