

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013881.D
 Acq On : 25 May 2023 18:20
 Operator : KP/MD
 Sample : 02908-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13RE

Quant Time: May 26 04:35:11 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)

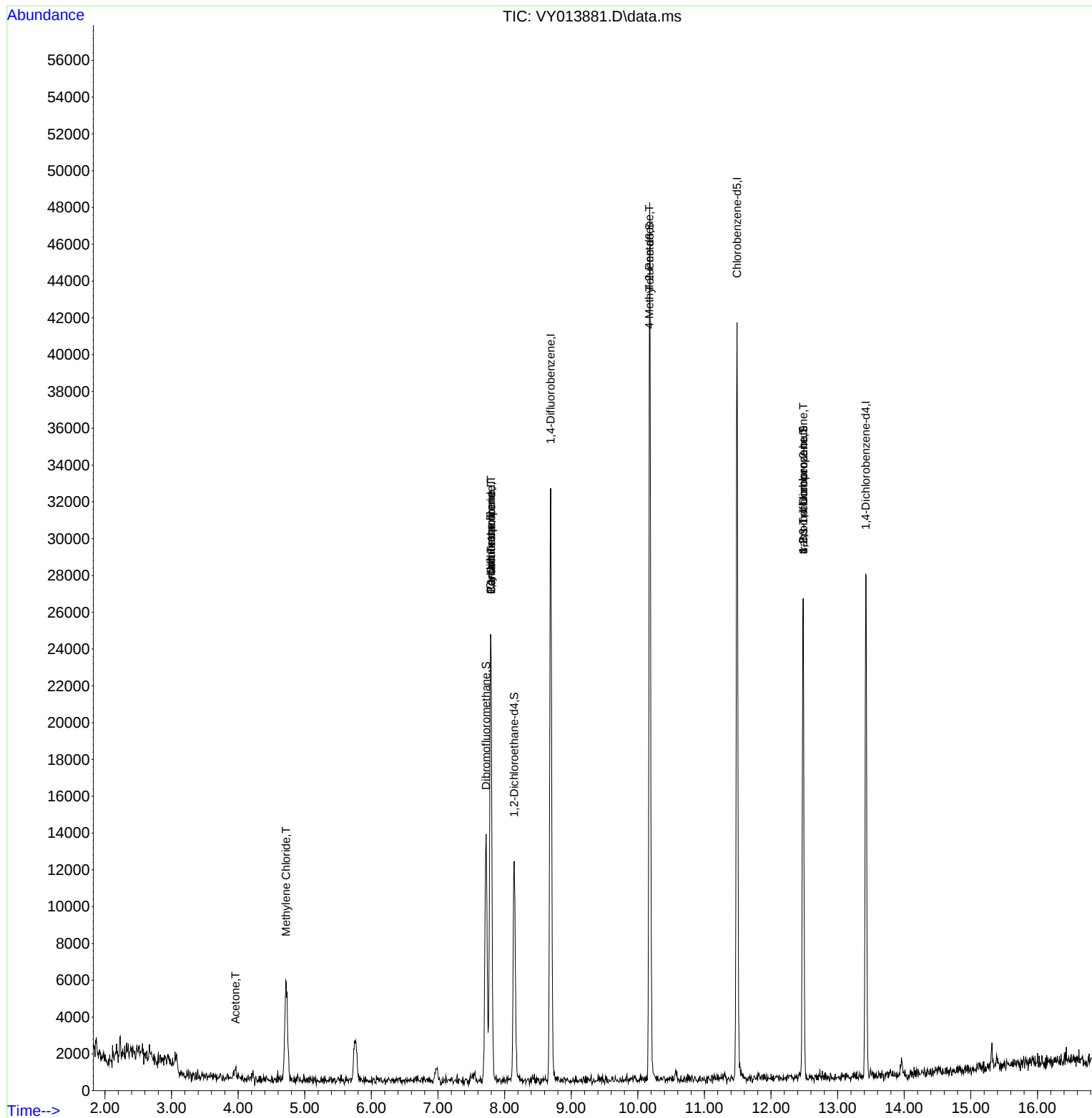
Internal Standards						
1) Pentafluorobenzene	7.795	168	19665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10467	46.008	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.020%		
35) Dibromofluoromethane	7.722	113	9350	52.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.600%		
50) Toluene-d8	10.179	98	30893	45.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.800%		
62) 4-Bromofluorobenzene	12.483	95	7278	32.533	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	65.060%		
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	570	8.442	ug/l #	87
20) Methylene Chloride	4.716	84	3797	14.032	ug/l #	93
31) Cyclohexane	7.789	56	502	1.436	ug/l #	48
36) 1,1-Dichloropropene	7.795	75	1552	5.754	ug/l #	46
38) Carbon Tetrachloride	7.795	117	1798	5.862	ug/l #	13
51) 4-Methyl-2-Pentanone	10.173	43	178	1.114	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	4035	45.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4035	97.828	ug/l #	10

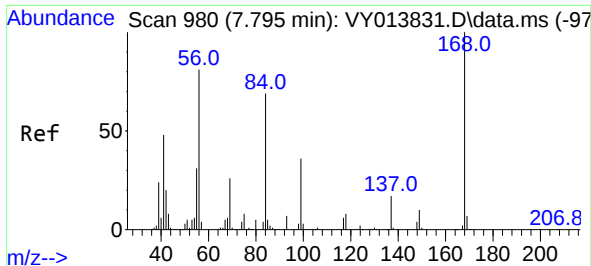
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

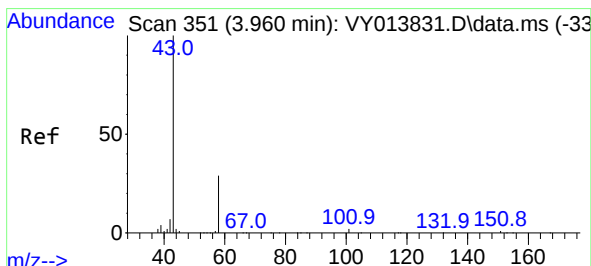
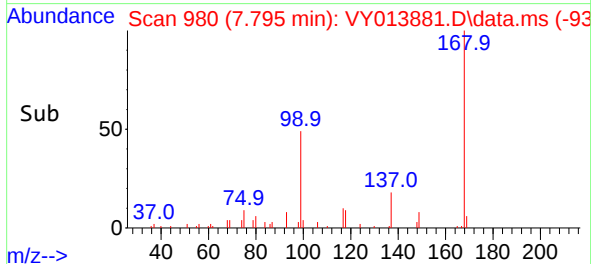
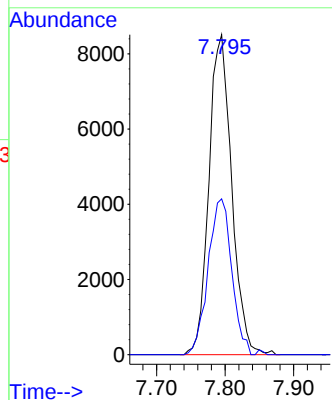
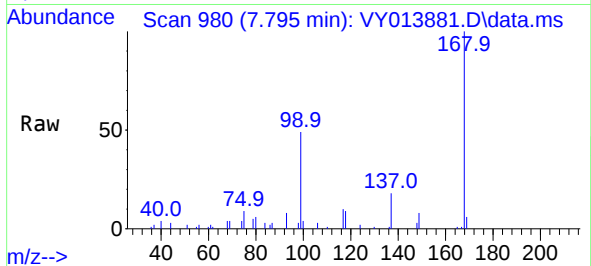




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

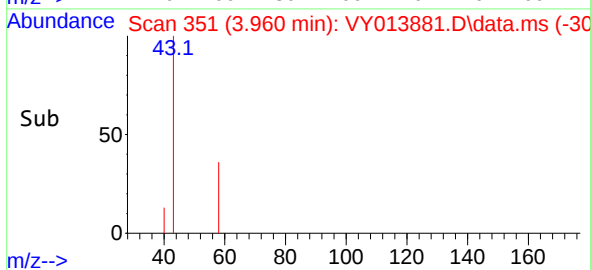
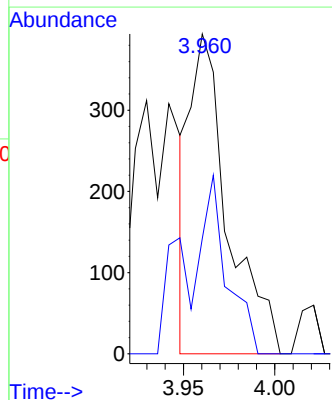
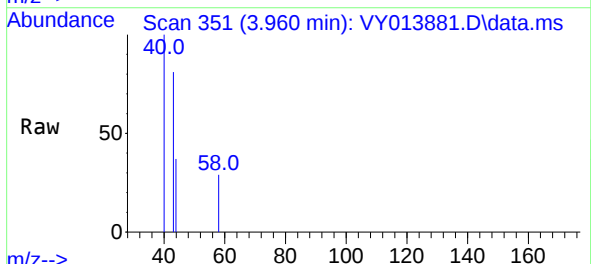
Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

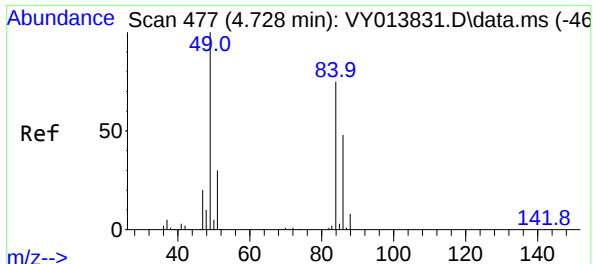
Tgt Ion:168 Resp: 19665
Ion Ratio Lower Upper
168 100
99 48.7 43.4 65.2



#16
Acetone
Concen: 8.442 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 36.0 23.3 34.9#



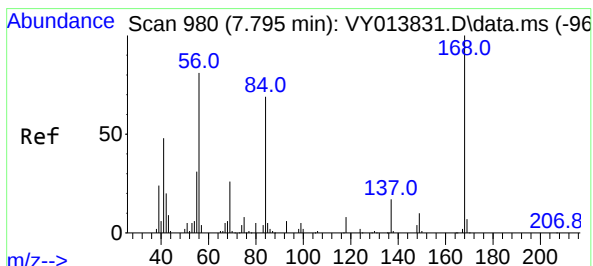
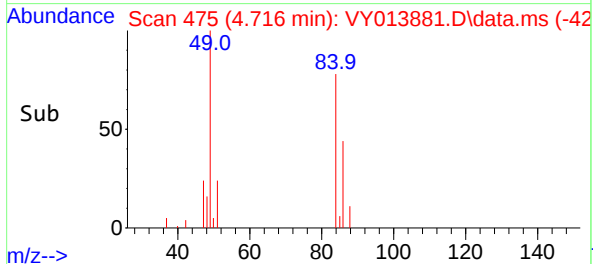
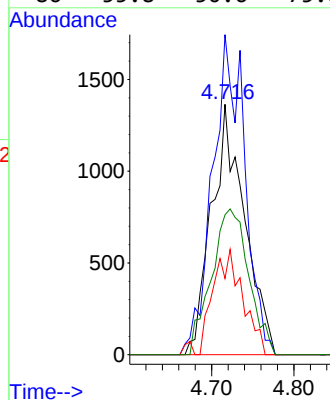
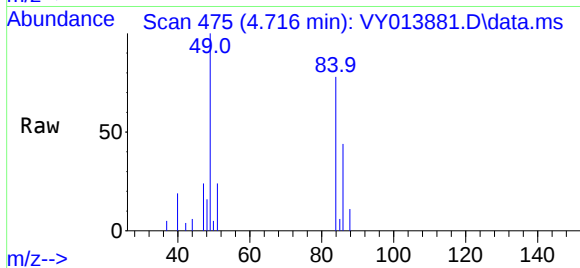


#20
Methylene Chloride
Concen: 14.032 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

Tgt Ion: 84 Resp: 3797

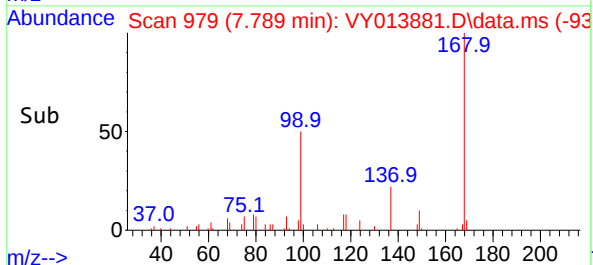
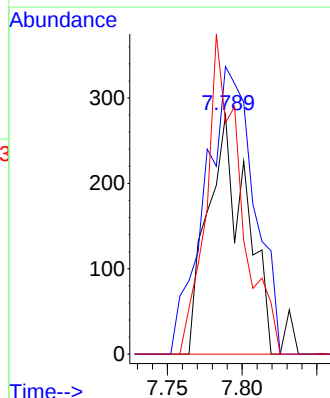
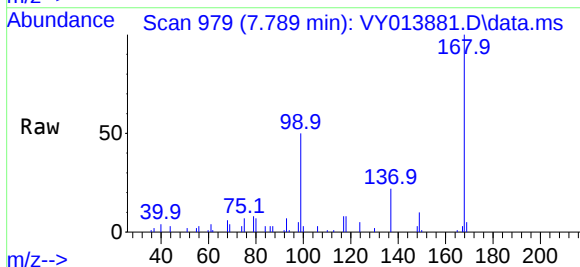
Ion	Ratio	Lower	Upper
84	100		
49	127.8	106.2	159.2
51	30.4	31.4	47.0#
86	55.8	50.6	75.8

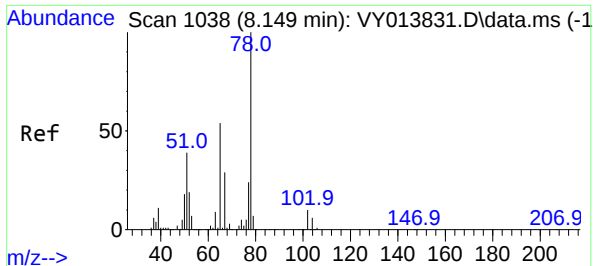


#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 56 Resp: 502

Ion	Ratio	Lower	Upper
56	100		
69	120.4	25.8	38.8#
84	96.8	68.2	102.2

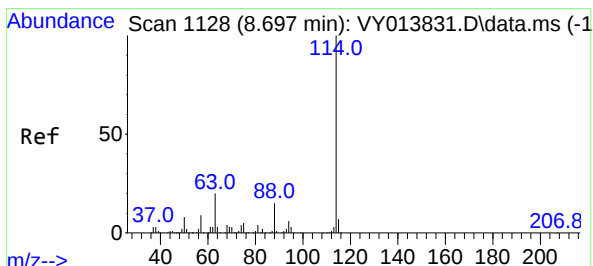
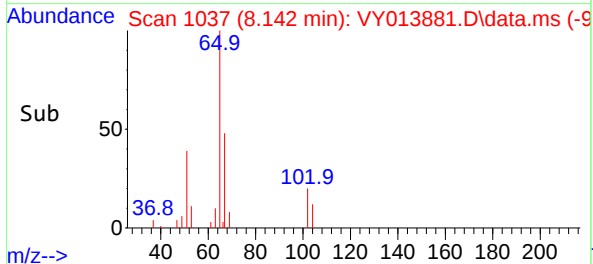
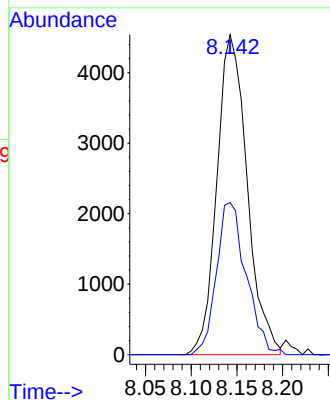
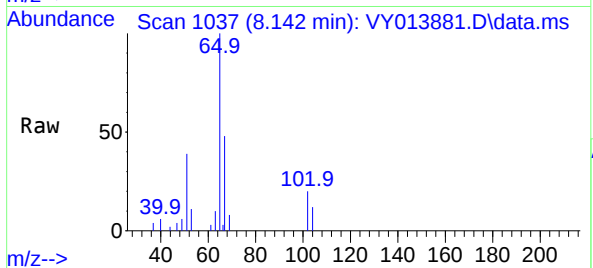




#33
 1,2-Dichloroethane-d4
 Concen: 46.008 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY013881.D
 Acq: 25 May 2023 18:20

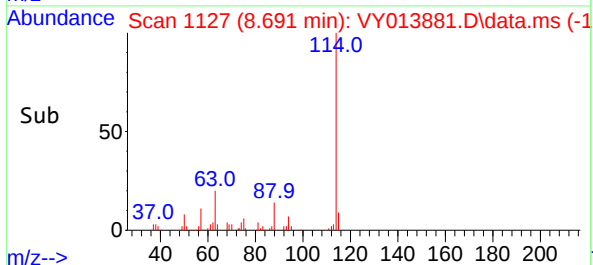
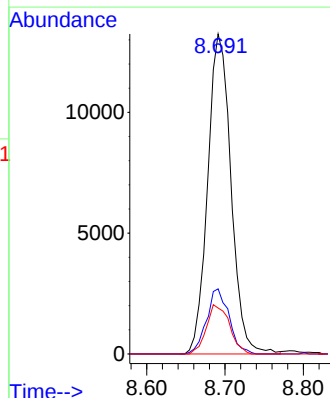
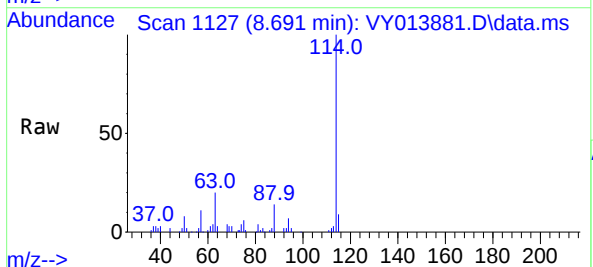
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13RE

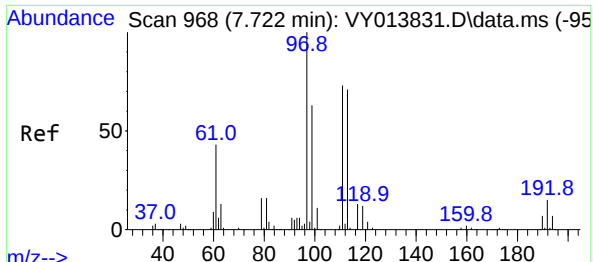
Tgt Ion: 65 Resp: 10467
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY013881.D
 Acq: 25 May 2023 18:20

Tgt Ion: 114 Resp: 27420
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 14.3 0.0 30.0

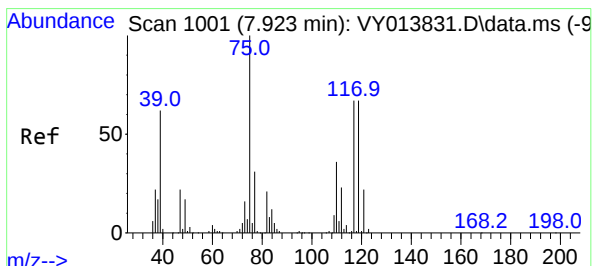
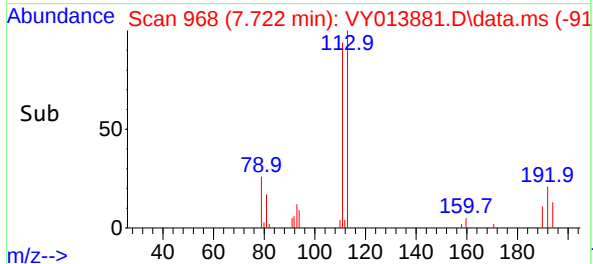
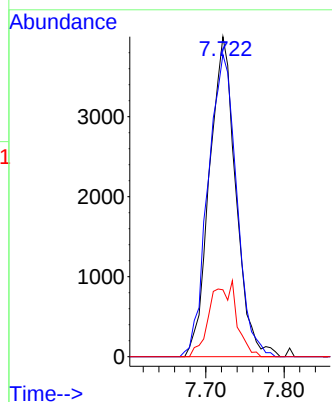
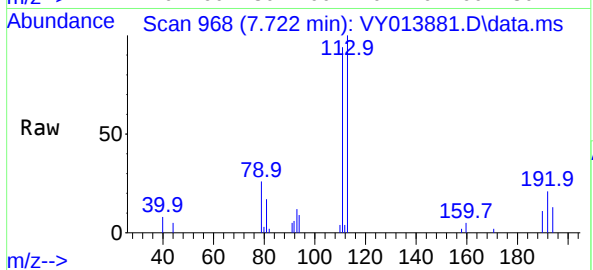




#35
Dibromofluoromethane
Concen: 52.801 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

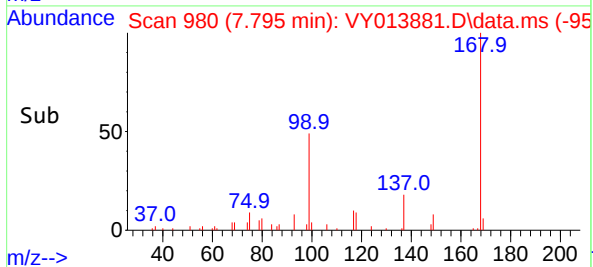
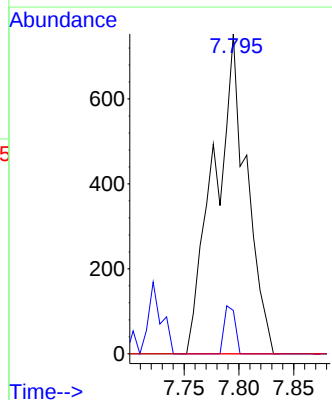
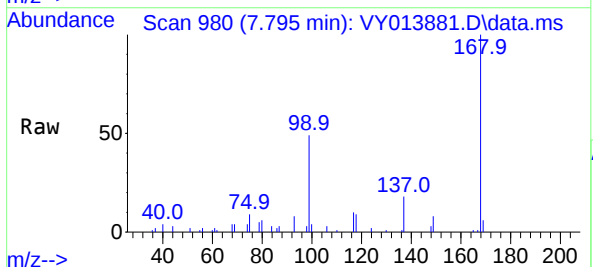
Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

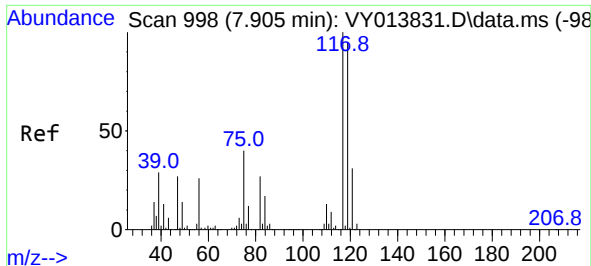
Tgt Ion:113 Resp: 9350
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 23.7 16.6 25.0



#36
1,1-Dichloropropene
Concen: 5.754 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

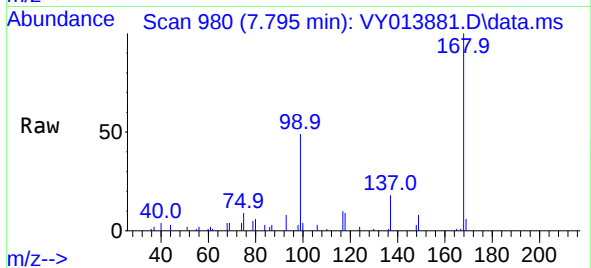
Tgt Ion: 75 Resp: 1552
Ion Ratio Lower Upper
75 100
110 5.1 17.5 52.6#
77 0.0 24.4 36.6#



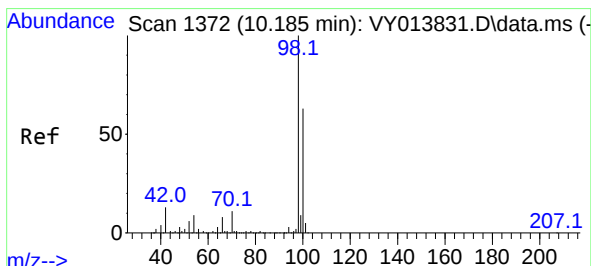
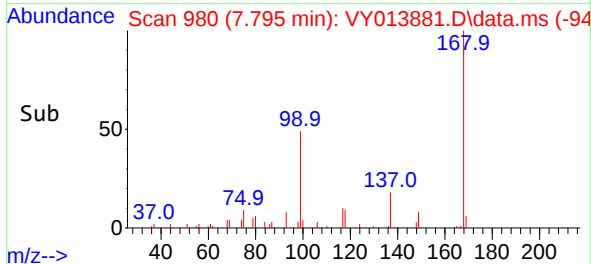
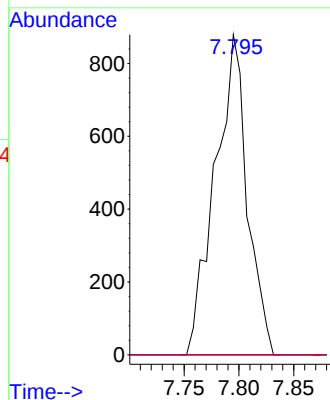


#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

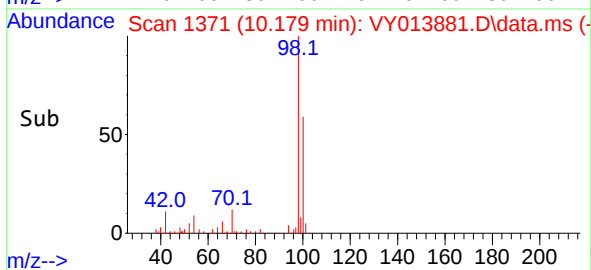
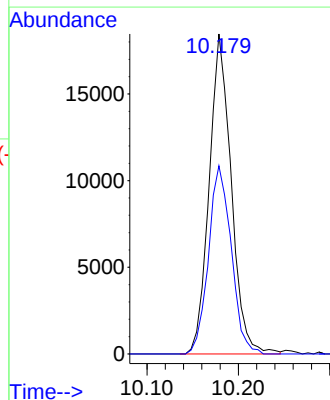
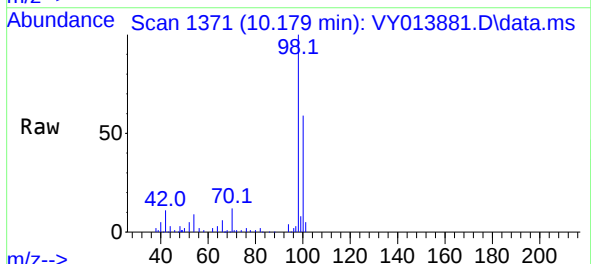


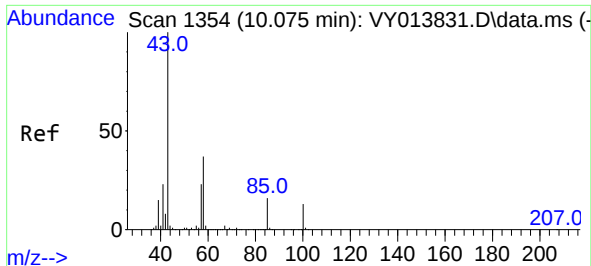
Tgt Ion:117 Resp: 1798
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.902 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 98 Resp: 30893
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2

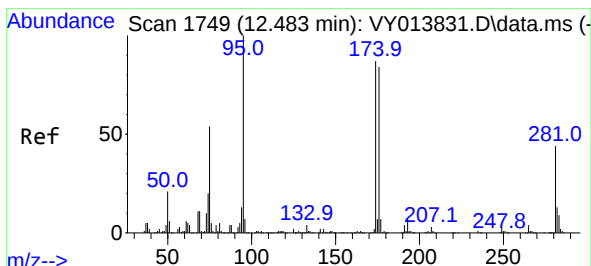
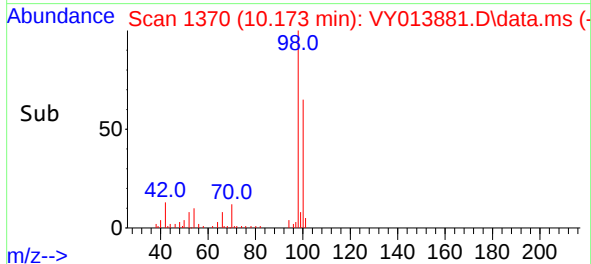
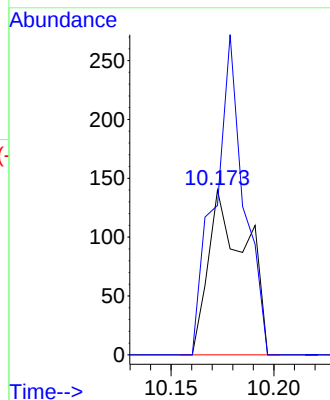
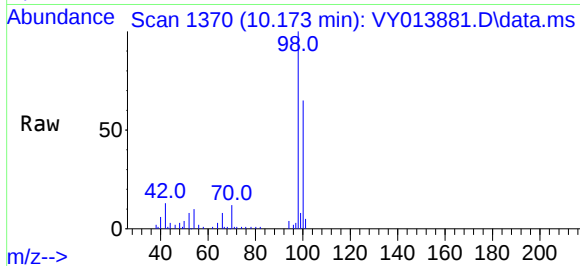




#51
4-Methyl-2-Pentanone
Concen: 1.114 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

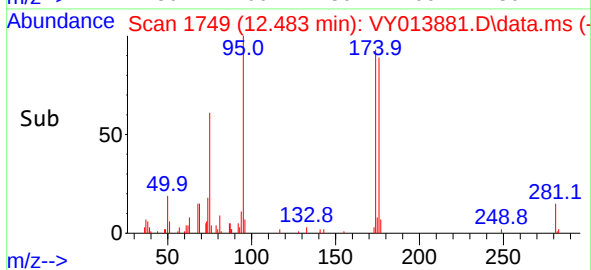
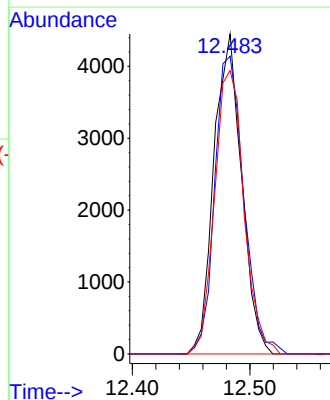
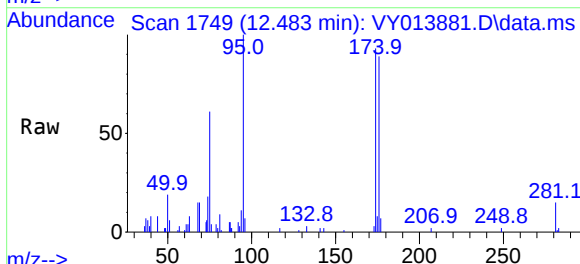
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MSVOA_Y
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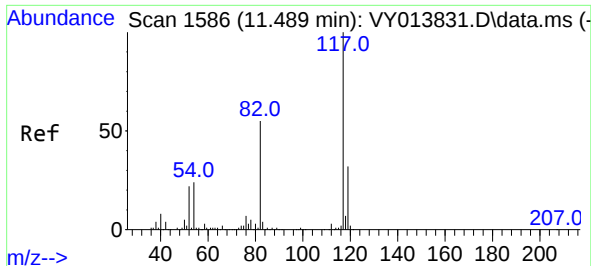
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 151.1 29.1 43.7#



#62
4-Bromofluorobenzene
Concen: 32.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 95 Resp: 7278
Ion Ratio Lower Upper
95 100
174 97.6 0.0 176.0
176 93.9 0.0 170.2

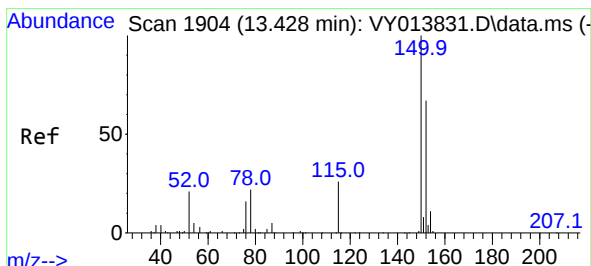
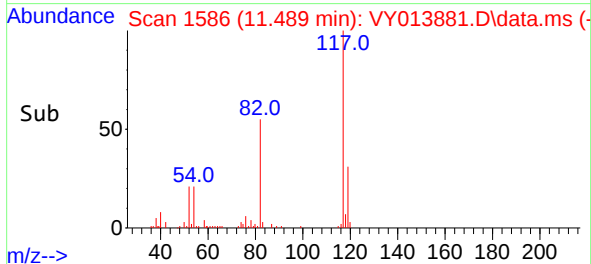
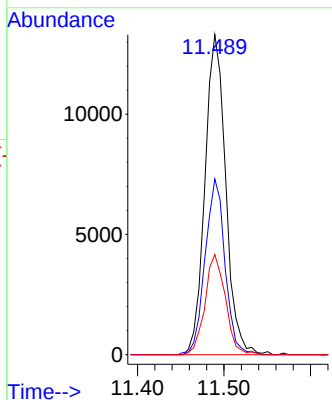
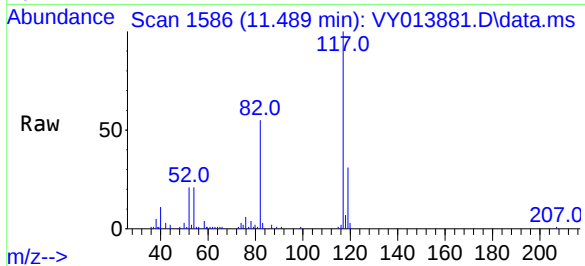




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

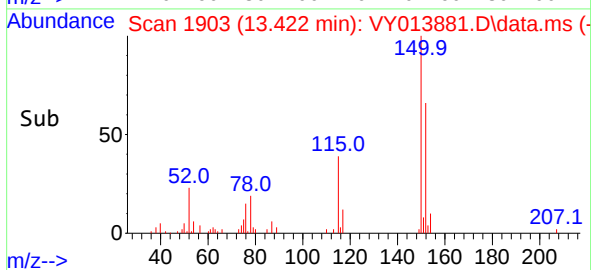
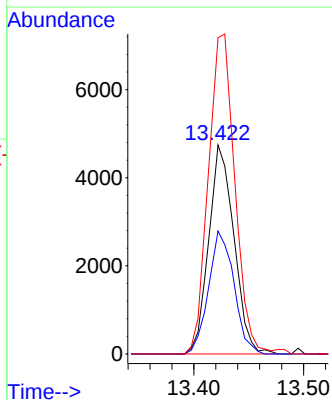
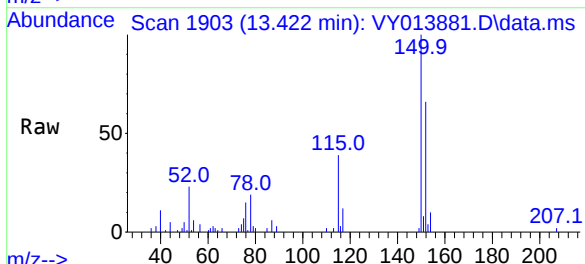
Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

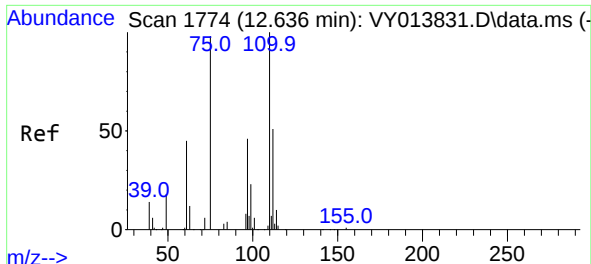
Tgt Ion:	117	Resp:	22166
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.4
119	31.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion:	152	Resp:	7593
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.8	86.5
150	161.4	0.0	353.4

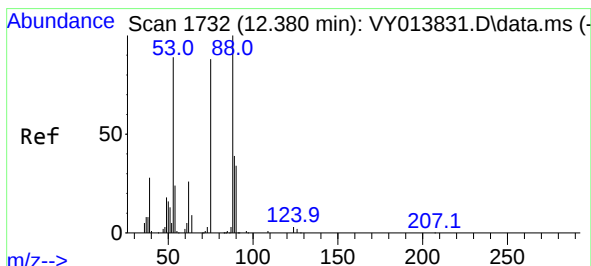
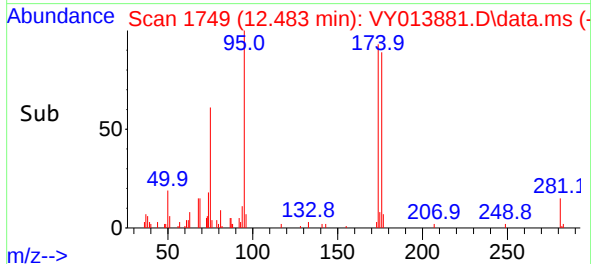
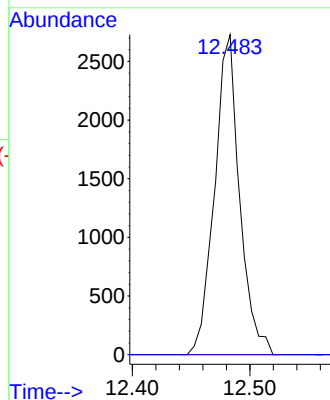
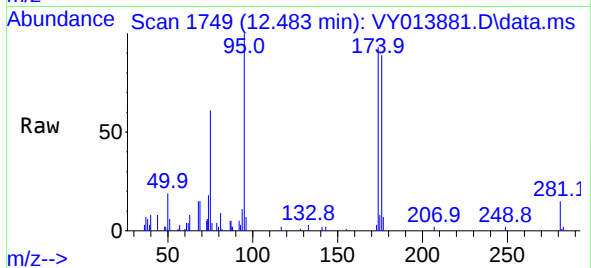




#76
1,2,3-Trichloropropane
Concen: 45.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

Tgt Ion: 75 Resp: 4035
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 97.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 75 Resp: 4035
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#

