

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015959.D
 Acq On : 13 Oct 2023 15:52
 Operator : SY/MD
 Sample : 04844-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 17:46:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

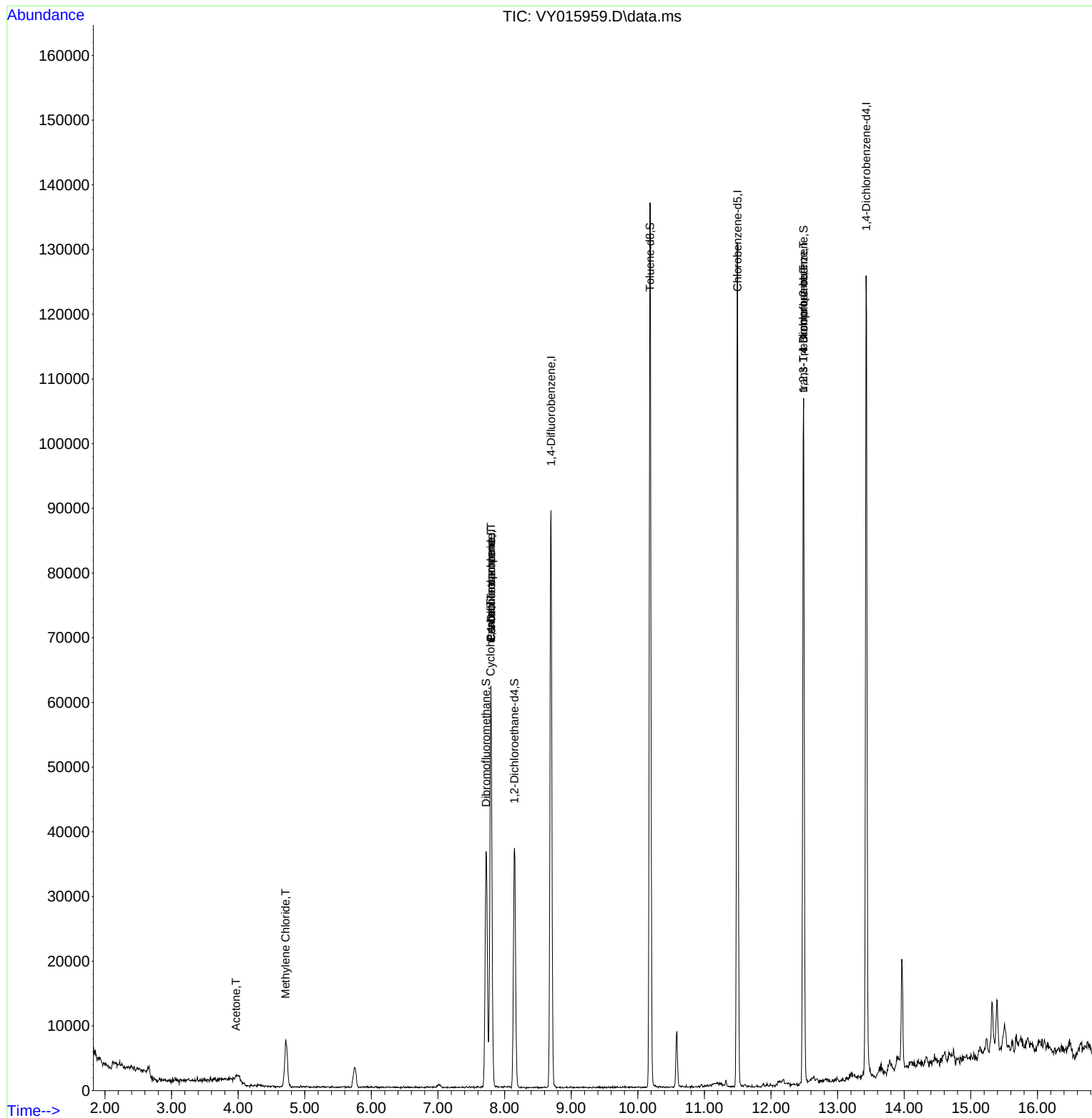
Internal Standards						
1) Pentafluorobenzene	7.795	168	47597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	71359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29911	55.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.120%	
35) Dibromofluoromethane	7.722	113	26352	54.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.185	98	90049	49.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.489	95	30362	47.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	437	Below Cal	#	81
16) Acetone	3.966	43	2090	6.623	ug/l #	64
20) Methylene Chloride	4.710	84	5394	5.235	ug/l #	84
31) Cyclohexane	7.789	56	944	1.092	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	3466	4.746	ug/l #	51
38) Carbon Tetrachloride	7.795	117	4651	6.047	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	15641	24.397	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15641	57.472	ug/l #	10

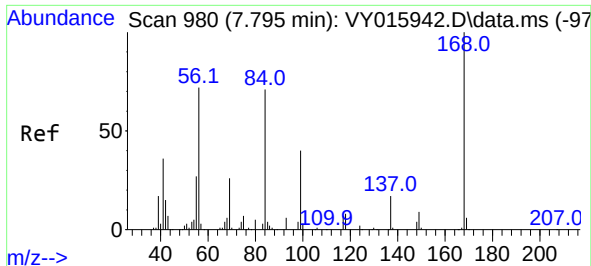
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

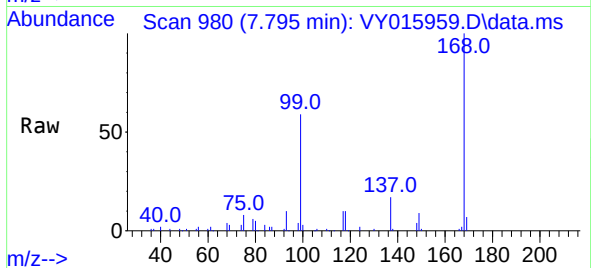
Quant Time: Oct 13 17:46:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration



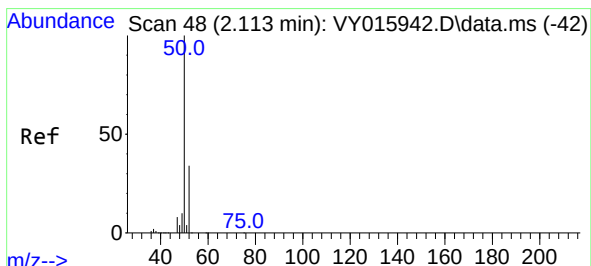
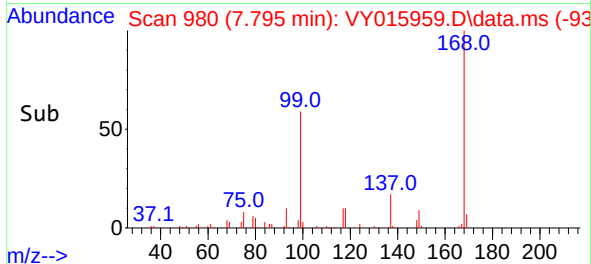
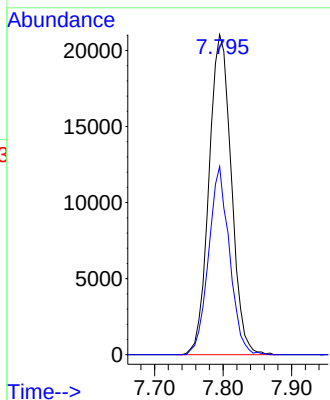


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :

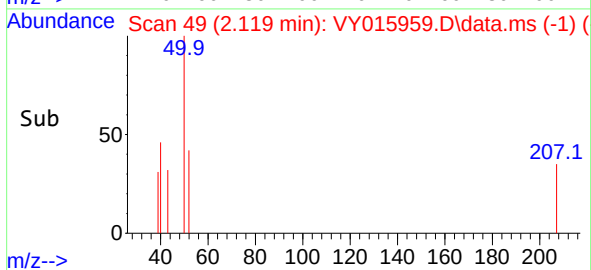
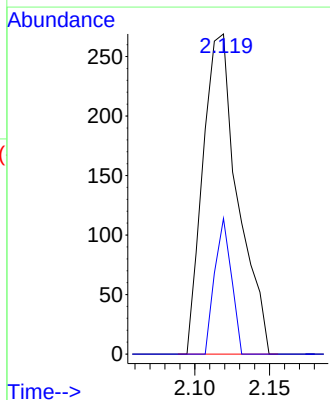
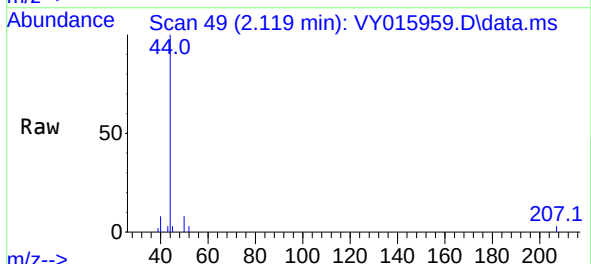


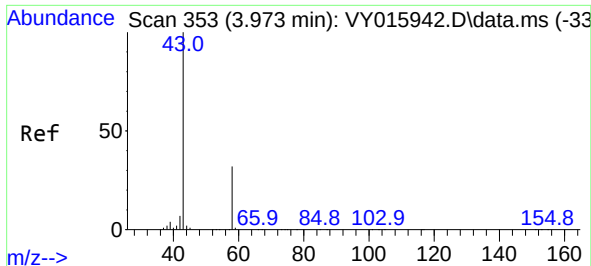
Tgt Ion:168 Resp: 47597
Ion Ratio Lower Upper
168 100
99 58.8 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 42.4 25.4 38.2#

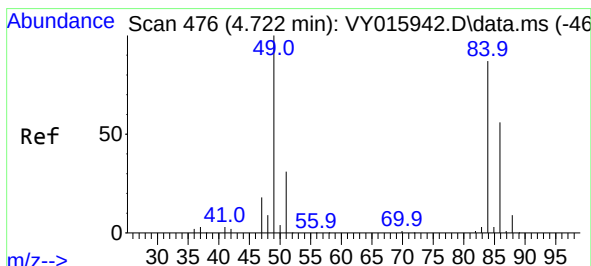
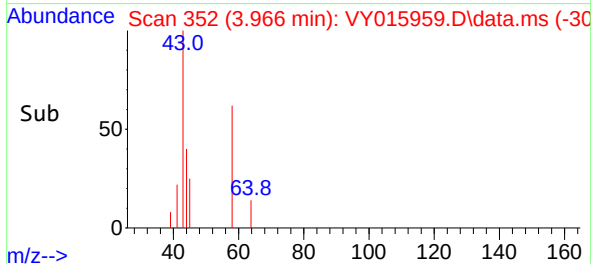
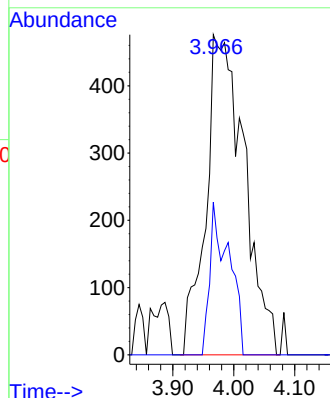
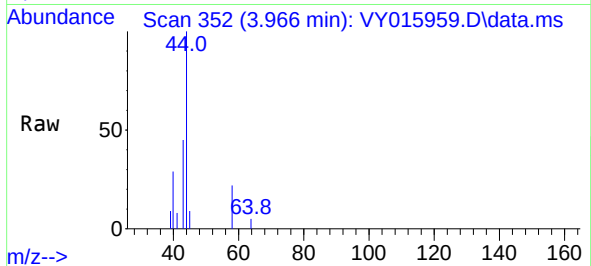




#16
Acetone
Concen: 6.623 ug/l
RT: 3.966 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

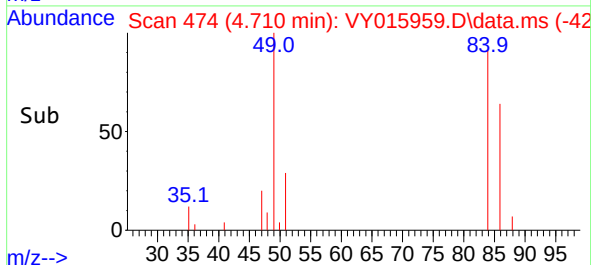
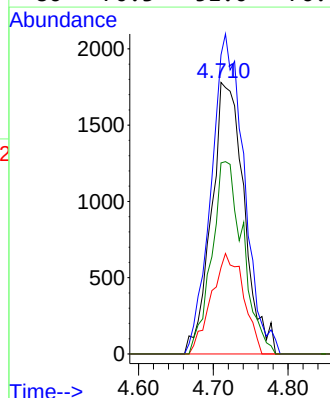
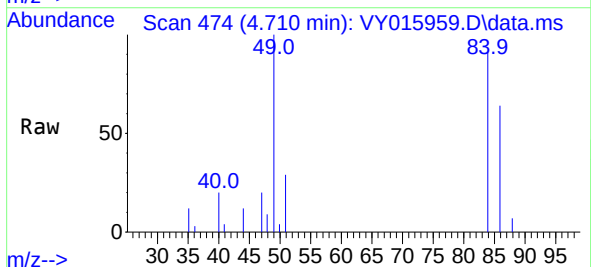
Instrument :
MSVOA_Y
ClientSampleId :

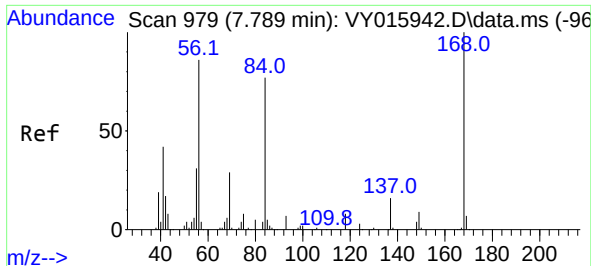
Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
58 47.7 22.7 34.1#



#20
Methylene Chloride
Concen: 5.235 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

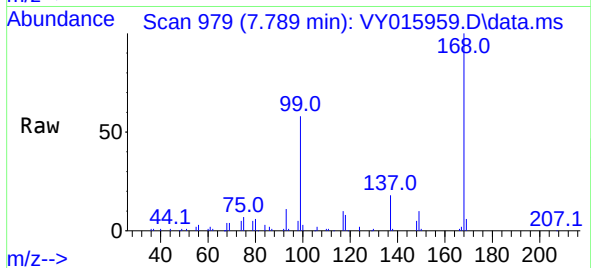
Tgt Ion: 84 Resp: 5394
Ion Ratio Lower Upper
84 100
49 110.2 106.9 160.3
51 31.8 33.2 49.8#
86 70.3 51.0 76.6



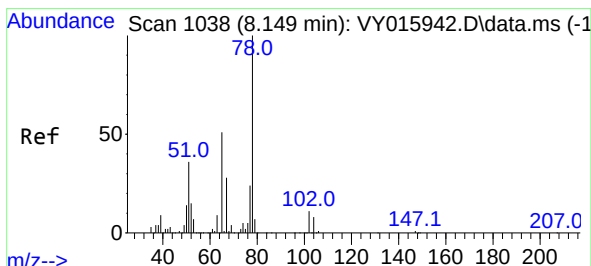
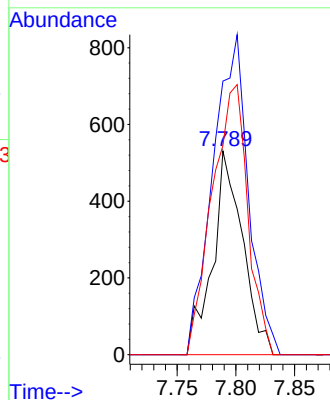
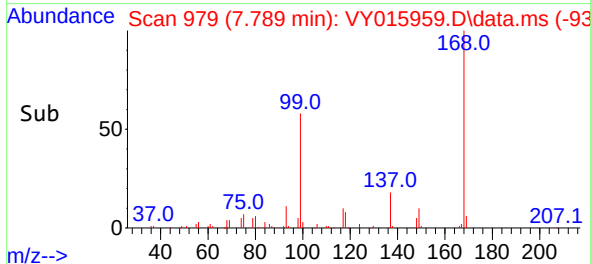


#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :

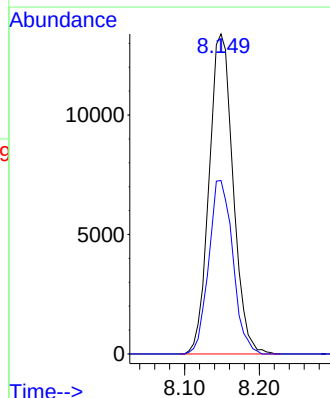
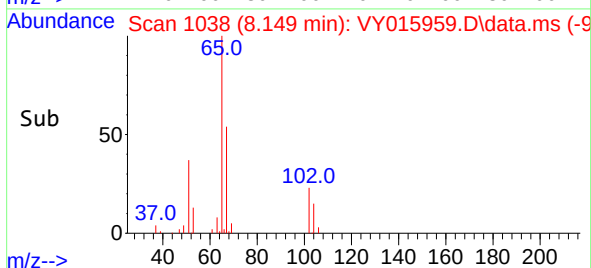
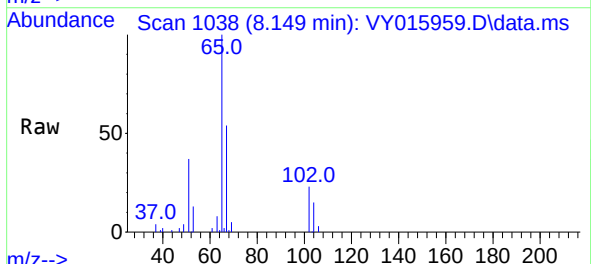


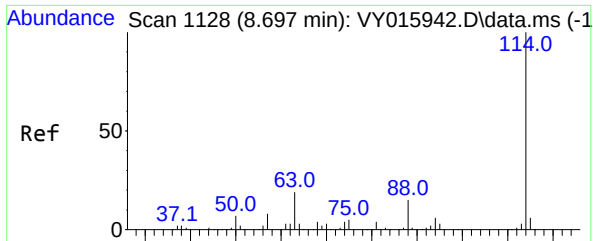
Tgt Ion: 56 Resp: 944
Ion Ratio Lower Upper
56 100
69 134.3 27.8 41.6#
84 102.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.063 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 65 Resp: 29911
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8

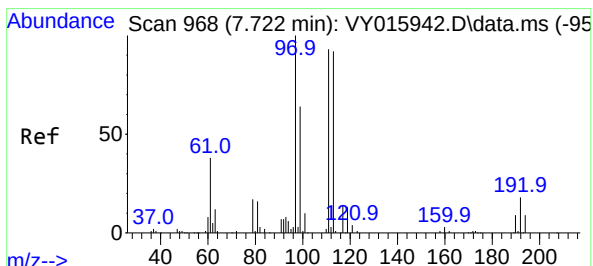
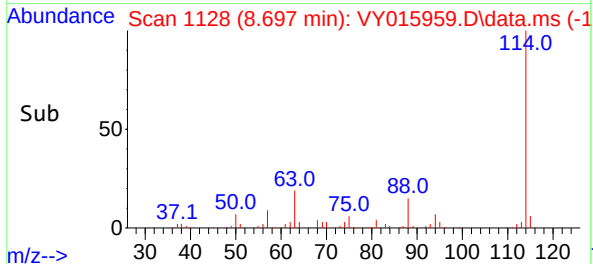
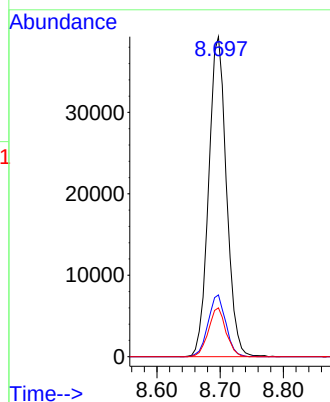
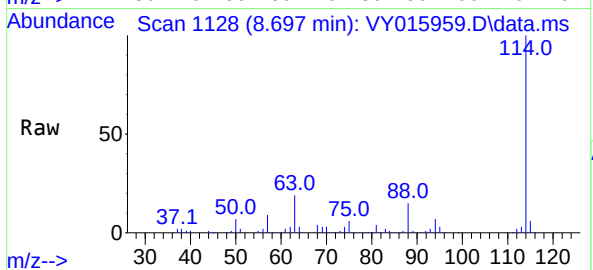




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

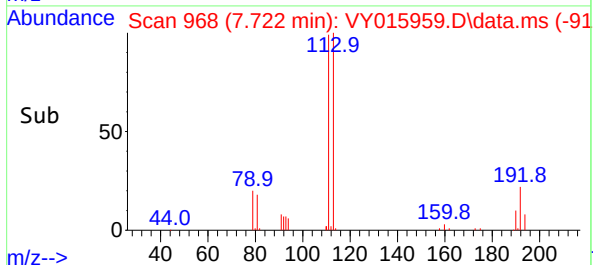
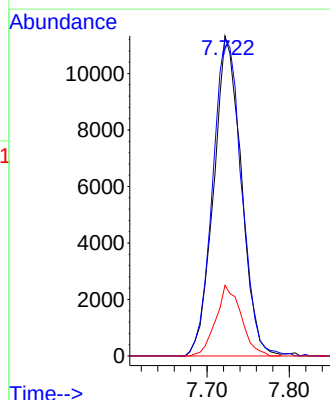
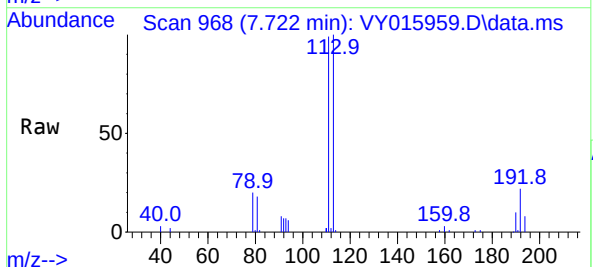
Instrument :
MSVOA_Y
ClientSampleId :

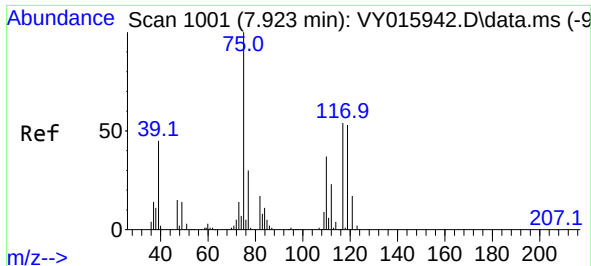
Tgt Ion:114	Resp:	76879
Ion Ratio	Lower	Upper
114	100	
63	19.3	0.0 42.4
88	15.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 54.447 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

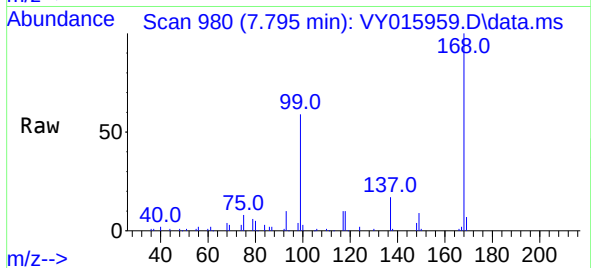
Tgt Ion:113	Resp:	26352
Ion Ratio	Lower	Upper
113	100	
111	104.0	81.3 121.9
192	20.3	16.9 25.3



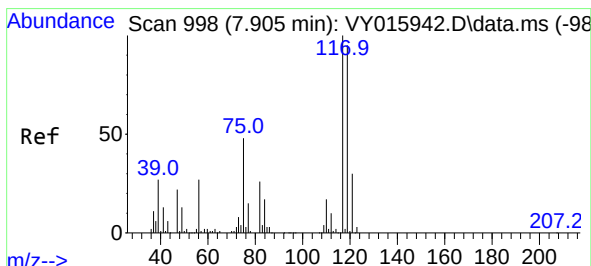
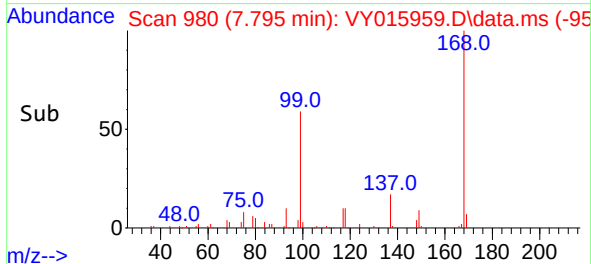
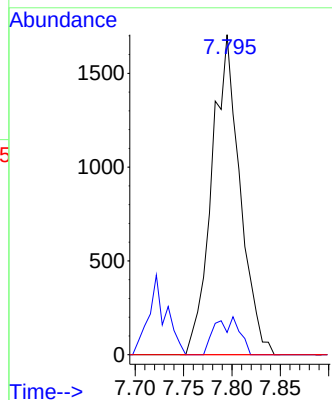


#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :

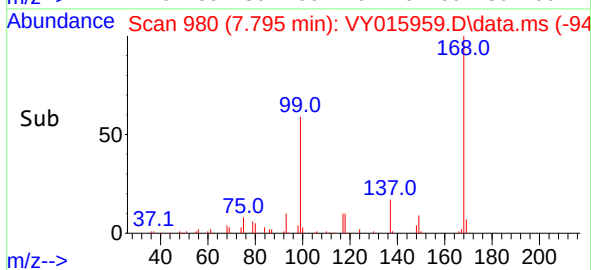
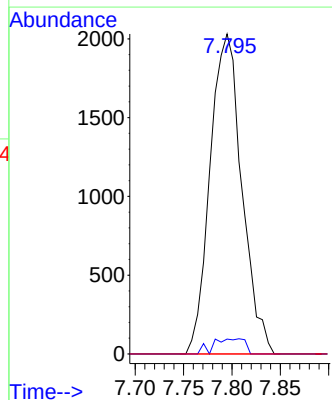
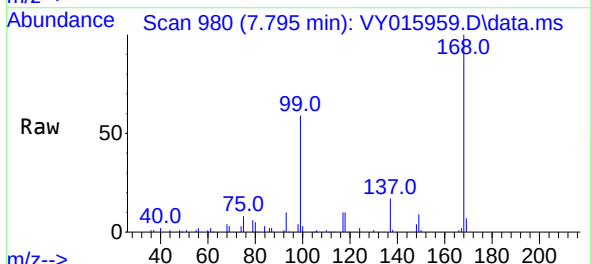


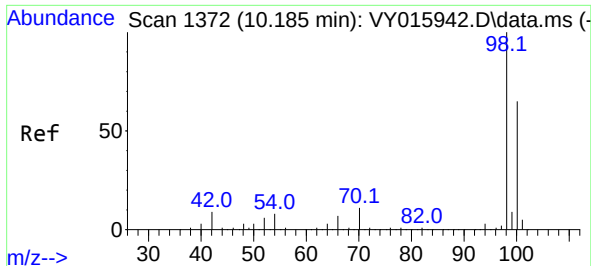
Tgt Ion: 75 Resp: 3466
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 117 Resp: 4651
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

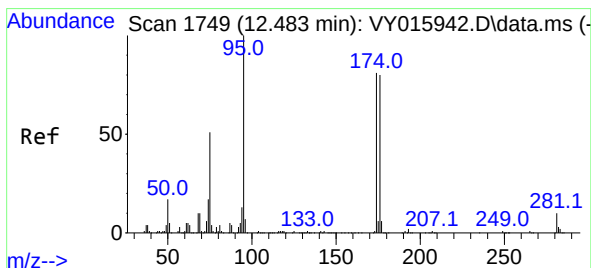
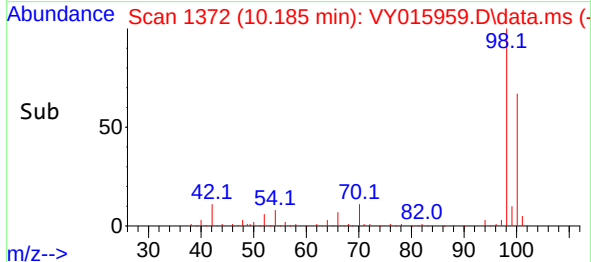
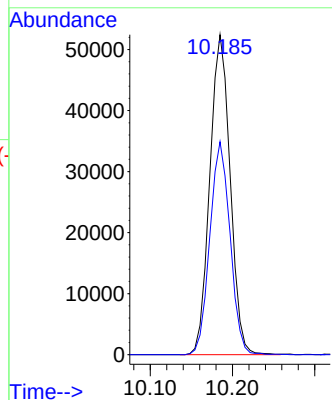
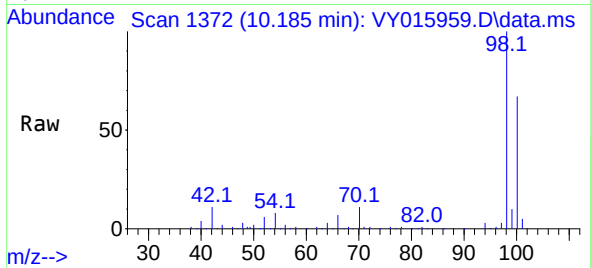




#50
Toluene-d8
Concen: 49.682 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

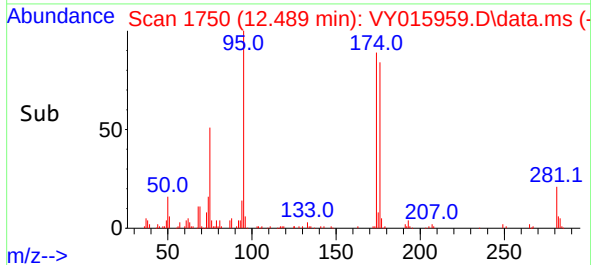
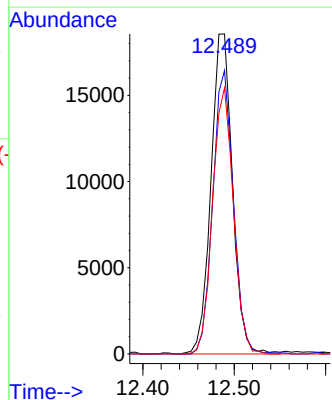
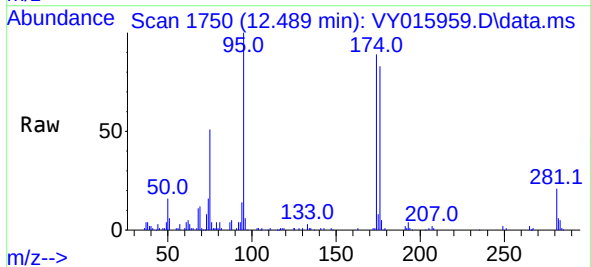
Instrument :
MSVOA_Y
ClientSampleId :

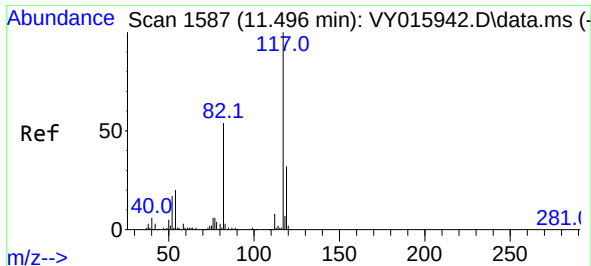
Tgt Ion: 98 Resp: 90049
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.043 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

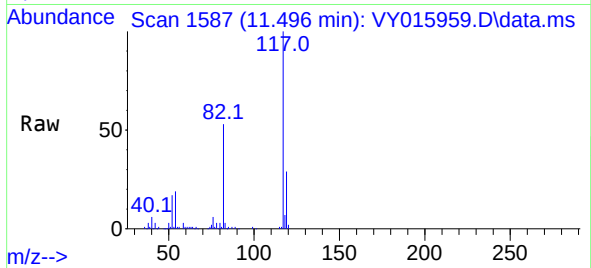
Tgt Ion: 95 Resp: 30362
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 80.6 0.0 173.8



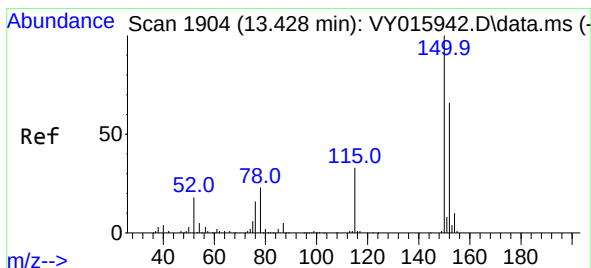
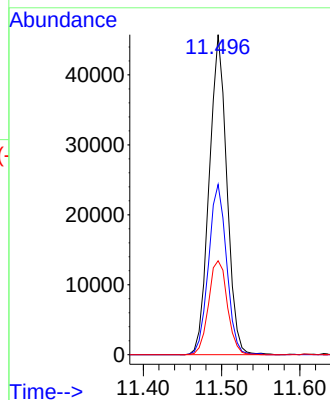
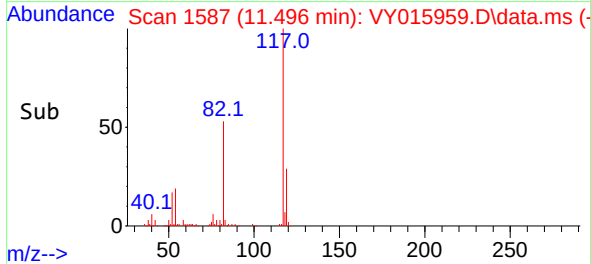


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :

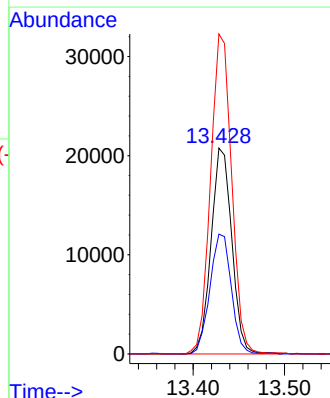
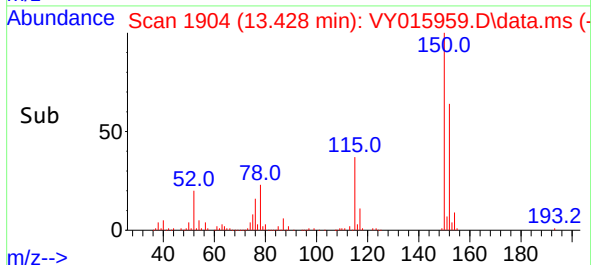
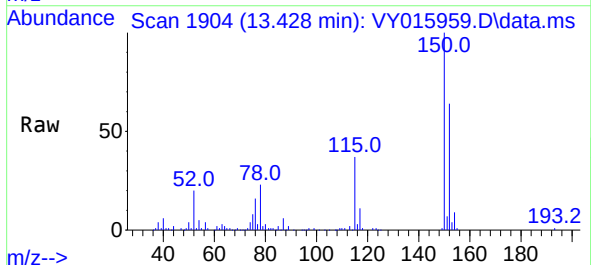


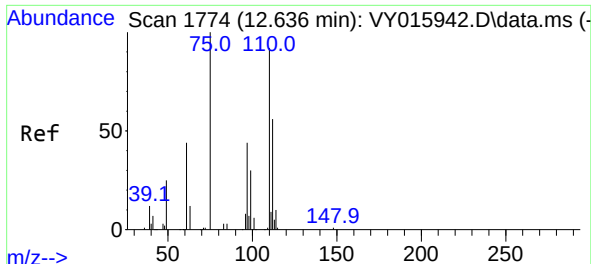
Tgt Ion:117	Resp:	71359
Ion	Ratio	Lower Upper
117	100	
82	53.2	43.4 65.0
119	29.3	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion:152	Resp:	32759
Ion	Ratio	Lower Upper
152	100	
115	60.1	28.8 86.5
150	157.6	0.0 348.8

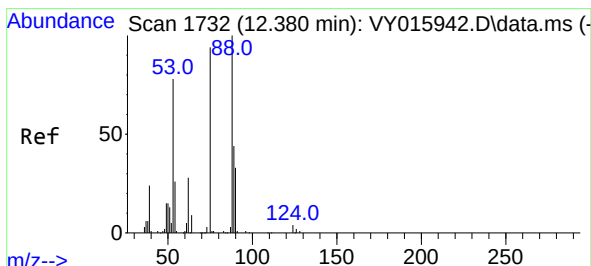
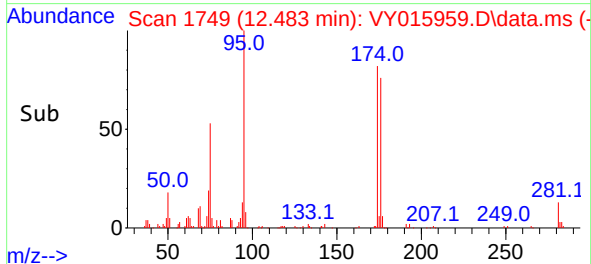
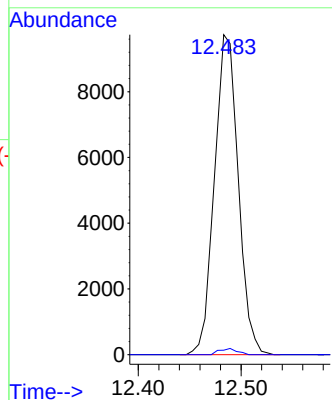
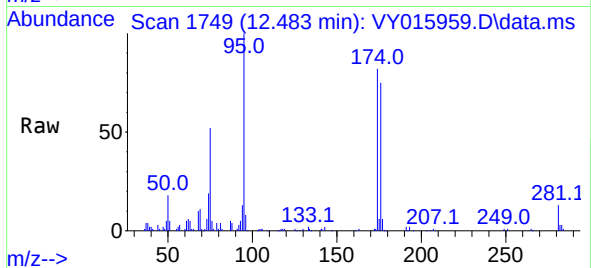




#76
1,2,3-Trichloropropane
Concen: 24.397 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 15641
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 75 Resp: 15641
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

