

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015962.D
 Acq On : 13 Oct 2023 17:03
 Operator : SY/MD
 Sample : 04844-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 17:55:22 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)

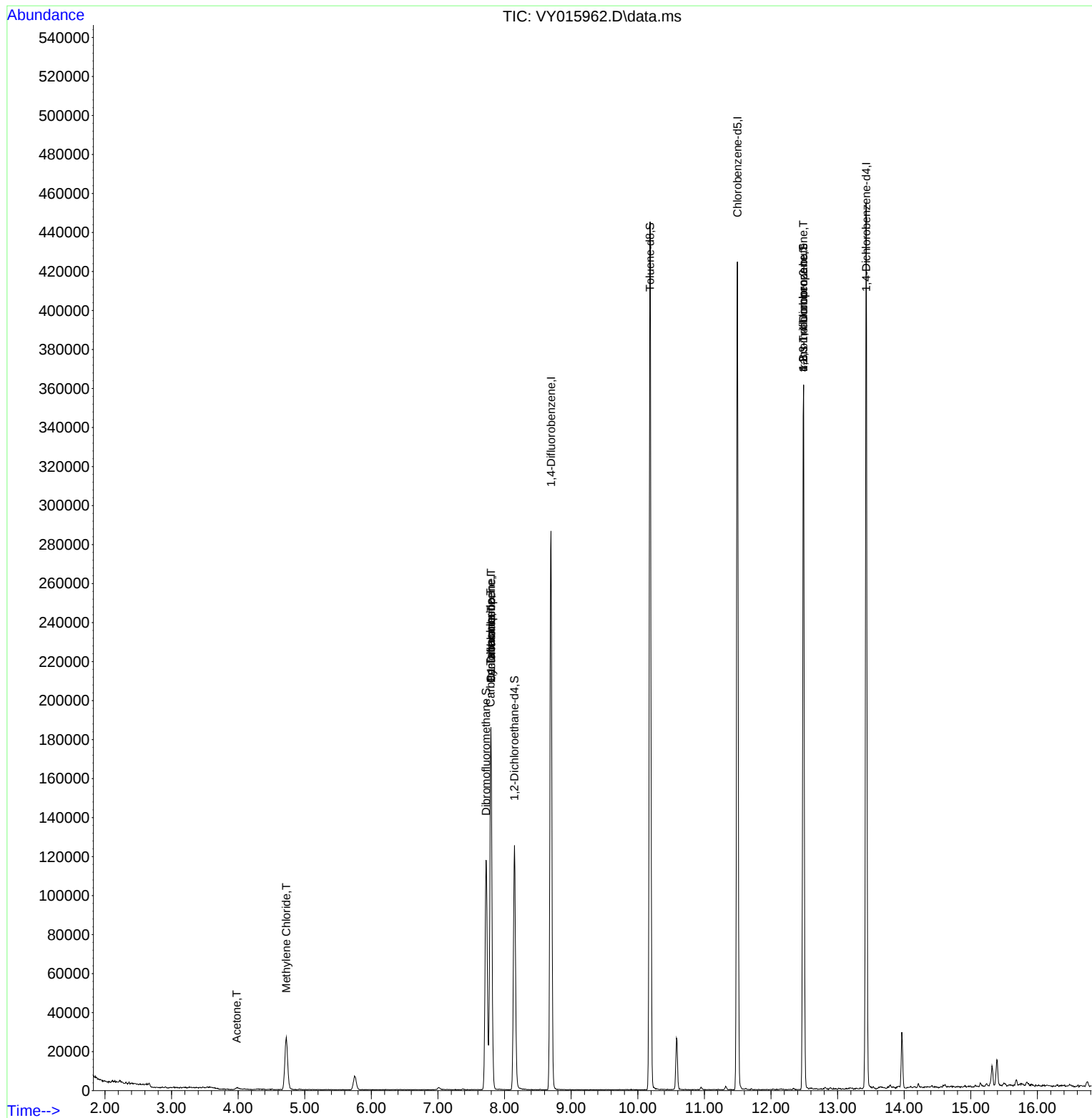
Internal Standards						
1) Pentafluorobenzene	7.795	168	144054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98627	59.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.980%	
35) Dibromofluoromethane	7.722	113	84725	53.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.185	98	294497	49.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.483	95	105521	49.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	592	Below Cal	#	85
16) Acetone	3.979	43	2443	2.558	ug/l #	88
20) Methylene Chloride	4.723	84	20144	7.519	ug/l	89
31) Cyclohexane	7.795	56	2760	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11105	4.649	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14325	5.694	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	53856	24.152	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53856	56.895	ug/l #	11

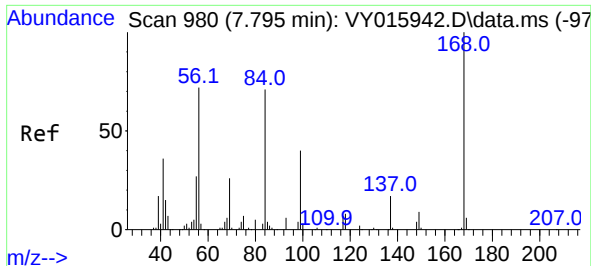
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 17:55:22 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

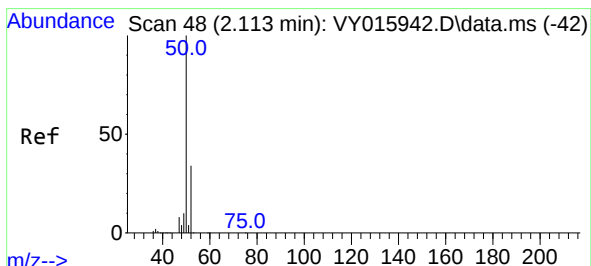
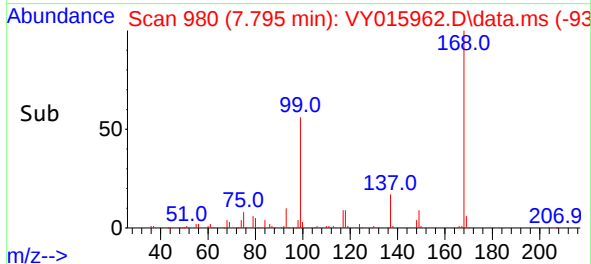
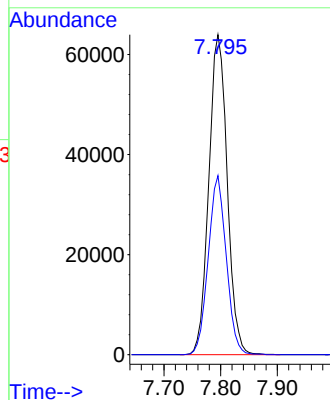
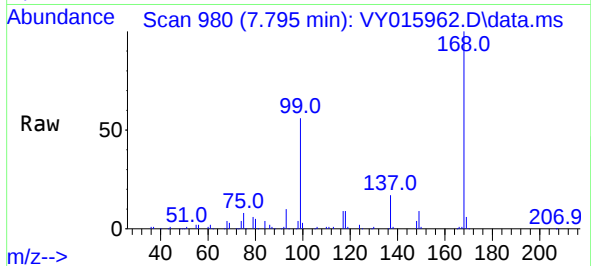




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

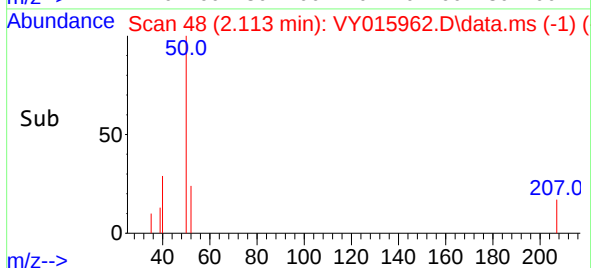
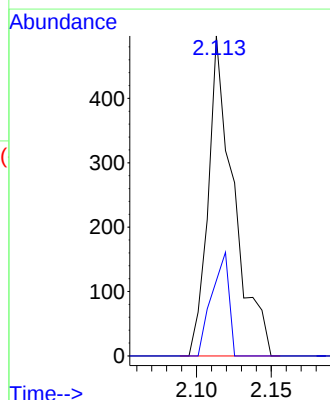
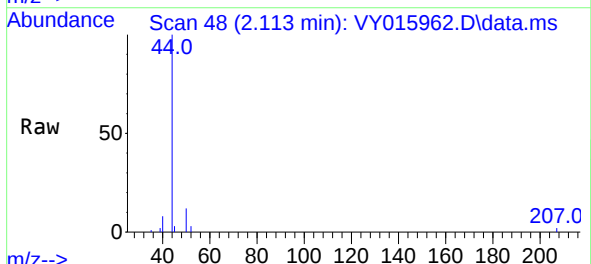
Instrument :
MSVOA_Y
ClientSampleId :

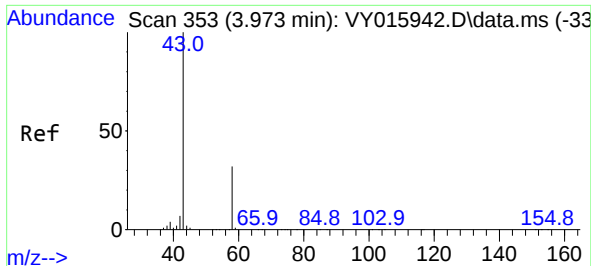
Tgt Ion:168 Resp: 144054
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 50 Resp: 592
Ion Ratio Lower Upper
50 100
52 23.5 25.4 38.2#

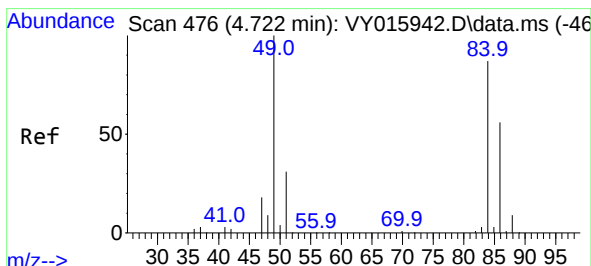
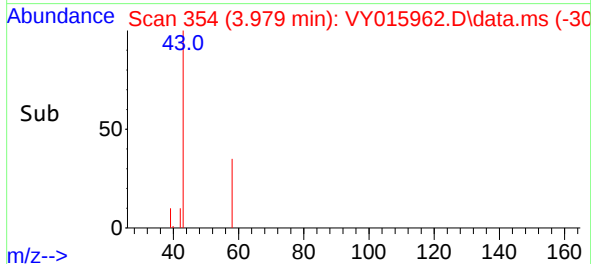
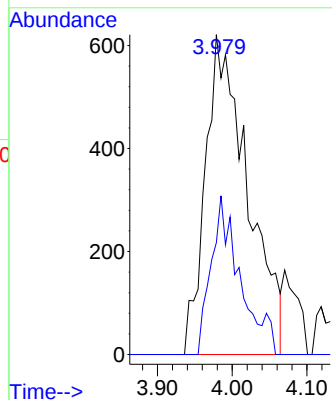
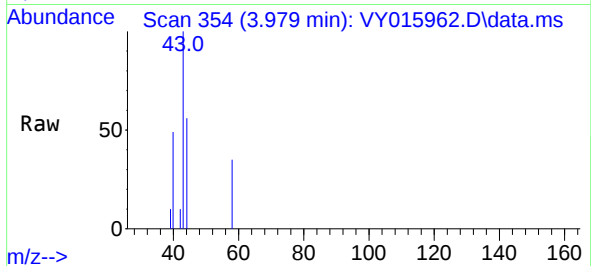




#16
Acetone
Concen: 2.558 ug/l
RT: 3.979 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

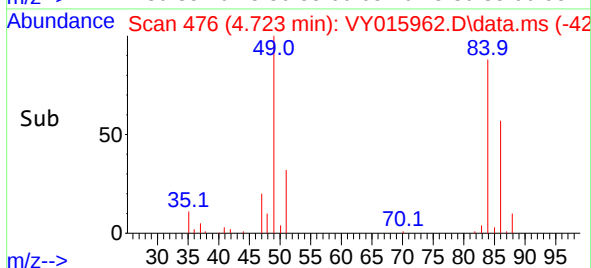
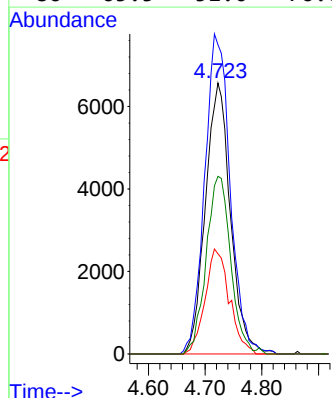
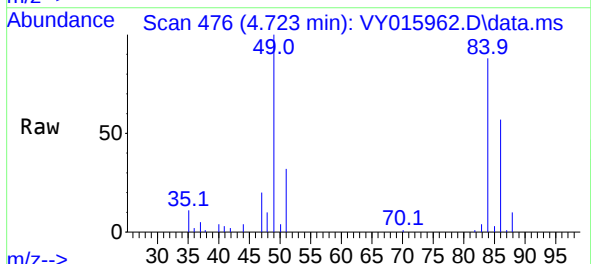
Instrument :
MSVOA_Y
ClientSampleId :

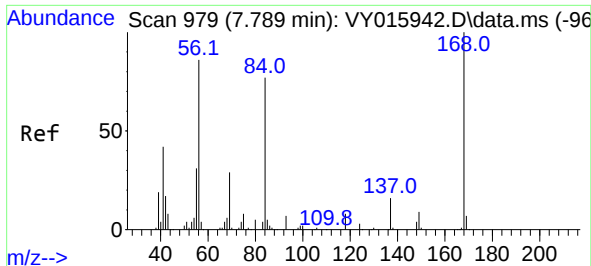
Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#



#20
Methylene Chloride
Concen: 7.519 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 84 Resp: 20144
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 37.0 33.2 49.8
86 65.5 51.0 76.6

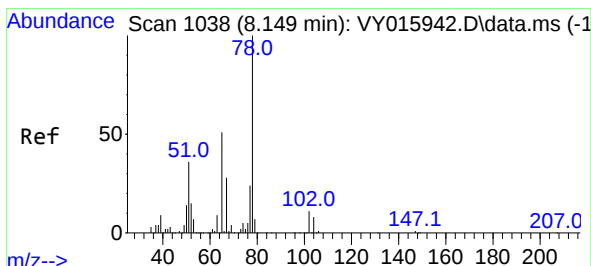
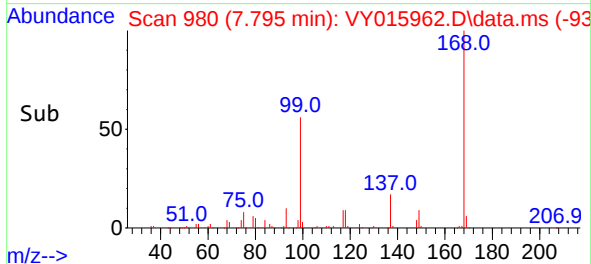
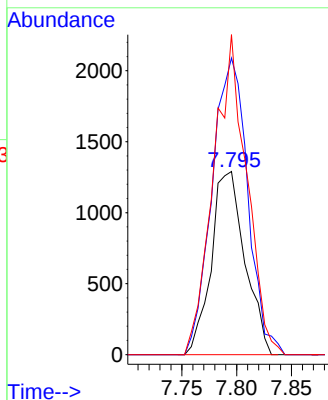
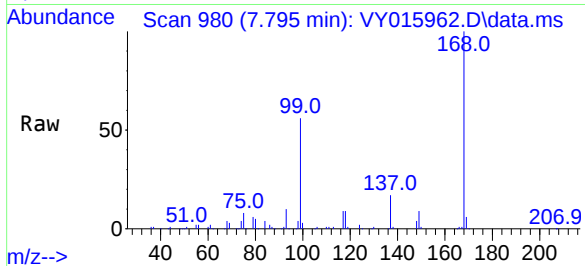




#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

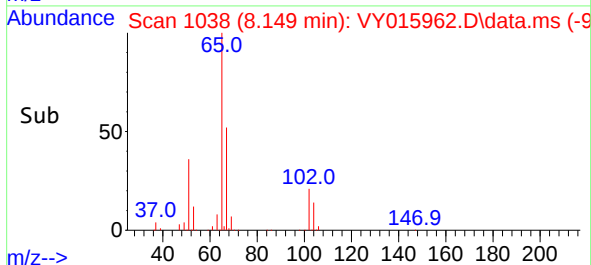
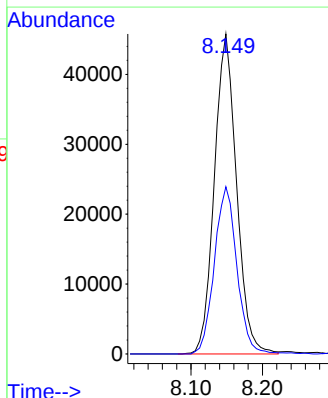
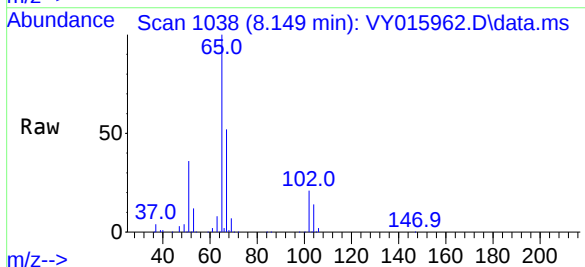
Instrument :
MSVOA_Y
ClientSampleId :

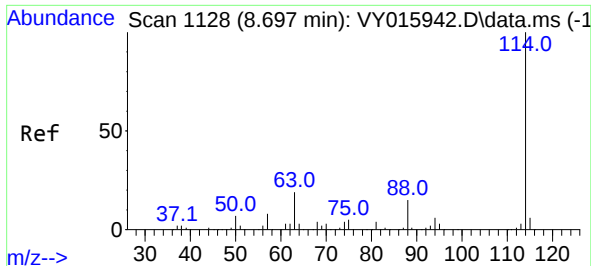
Tgt Ion: 56 Resp: 2760
Ion Ratio Lower Upper
56 100
69 161.9 27.8 41.6#
84 174.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.990 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 65 Resp: 98627
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8

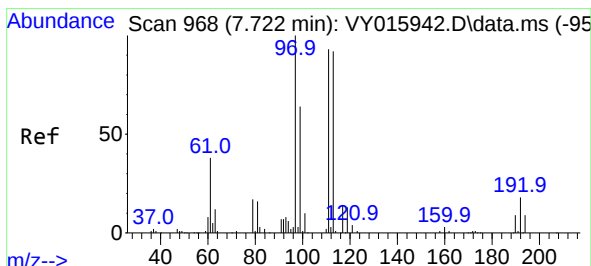
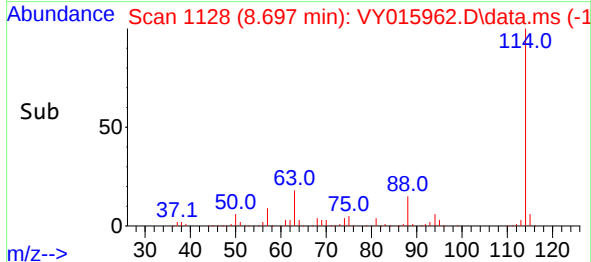
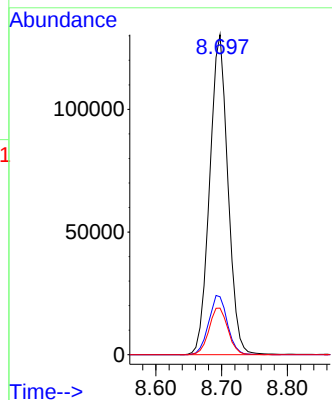
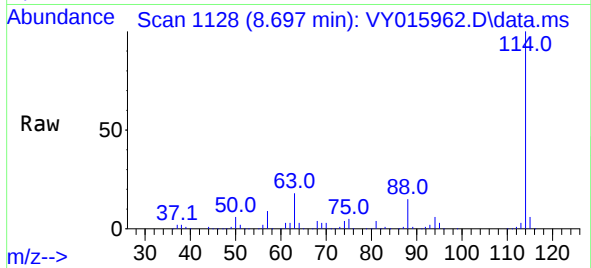




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

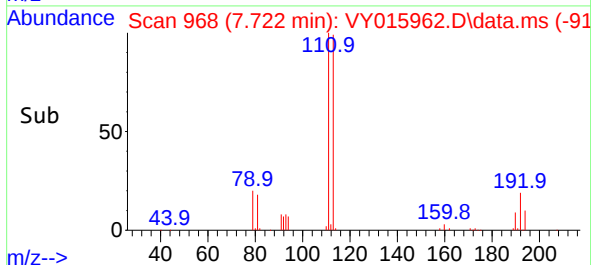
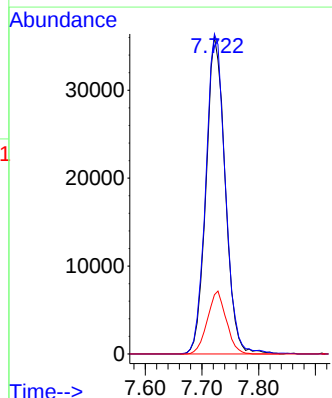
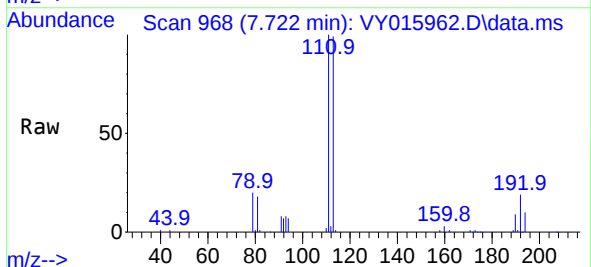
Instrument :
MSVOA_Y
ClientSampleId :

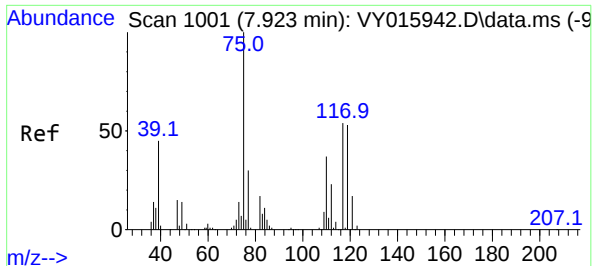
Tgt Ion:114 Resp: 251462
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.519 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion:113 Resp: 84725
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.649 ug/l

RT: 7.795 min Scan# 910

Delta R.T. -0.128 min

Lab File: VY015962.D

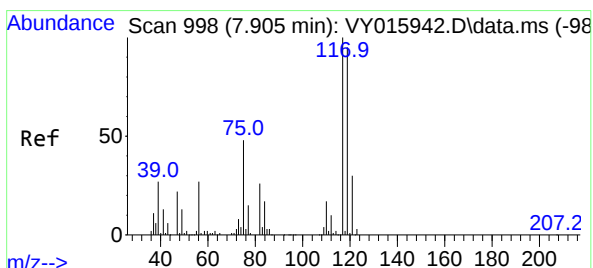
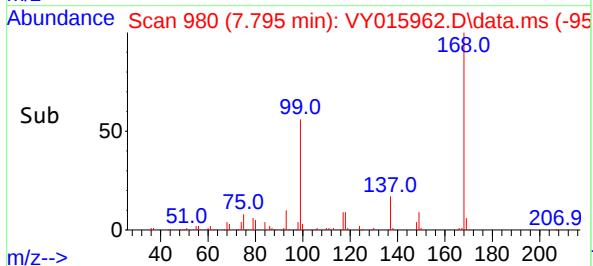
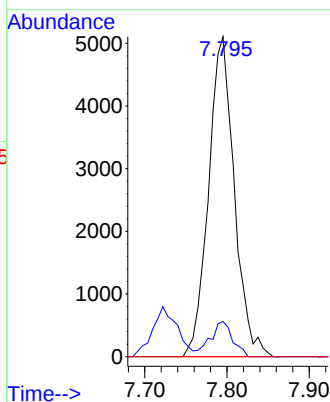
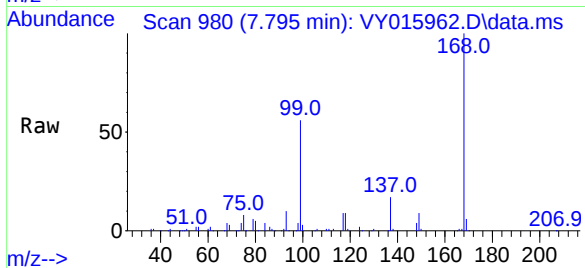
Acq: 13 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	11105
Ion Ratio	Lower	Upper
75	100	
110	9.6	17.8 53.5#
77	0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.694 ug/l

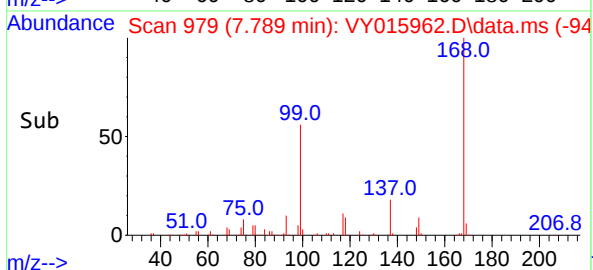
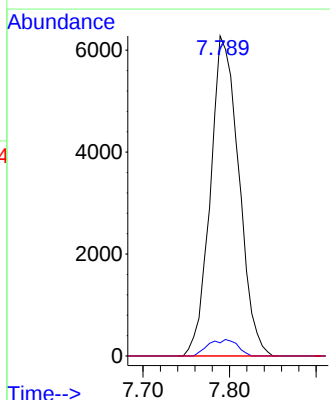
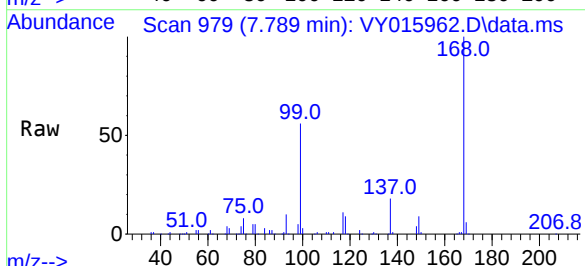
RT: 7.789 min Scan# 979

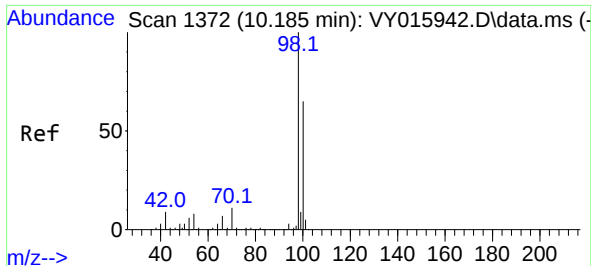
Delta R.T. -0.116 min

Lab File: VY015962.D

Acq: 13 Oct 2023 17:03

Tgt Ion: 117	Resp:	14325
Ion Ratio	Lower	Upper
117	100	
119	4.1	76.4 114.6#
121	0.0	25.8 38.6#

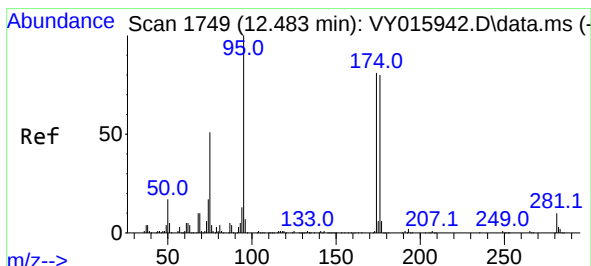
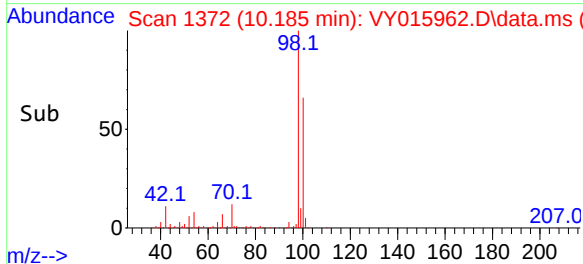
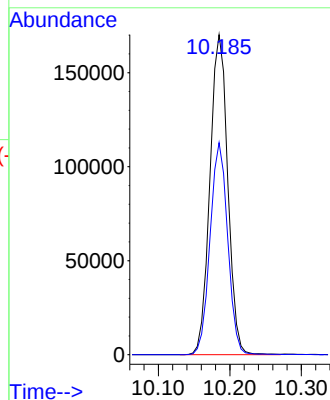
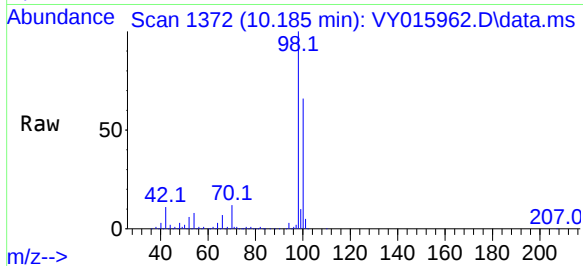




#50
Toluene-d8
Concen: 49.674 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

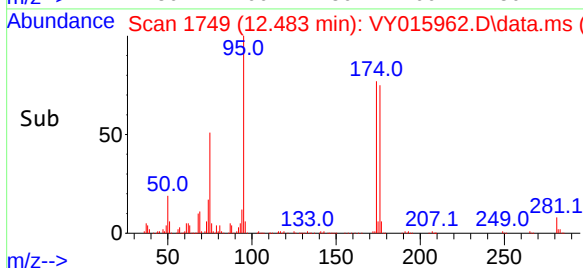
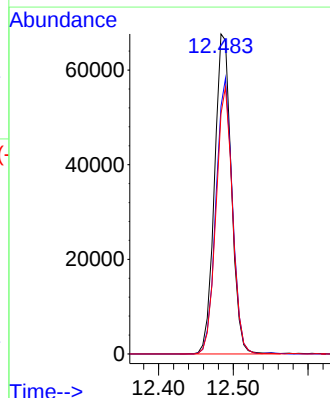
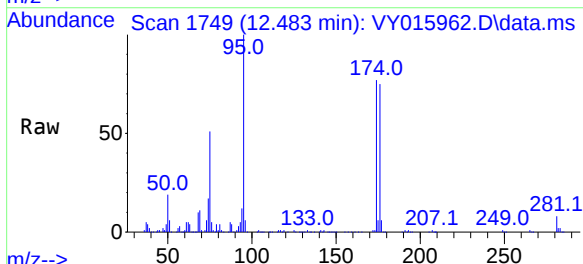
Instrument :
MSVOA_Y
ClientSampleId :

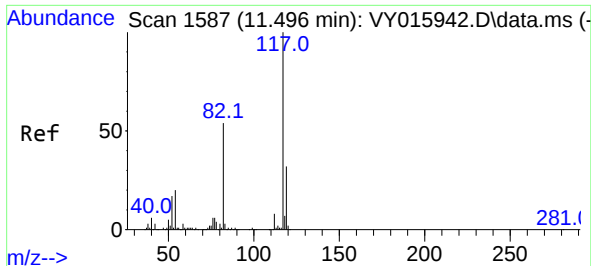
Tgt Ion: 98 Resp: 294497
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

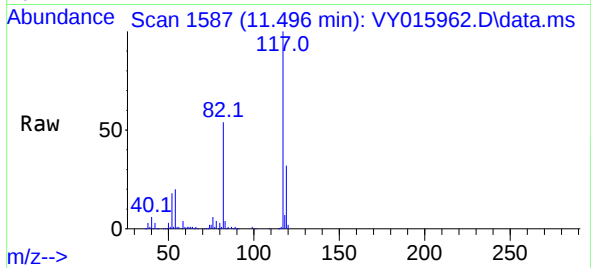
Tgt Ion: 95 Resp: 105521
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.5 0.0 173.8



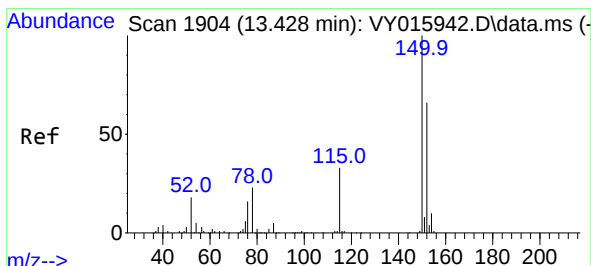
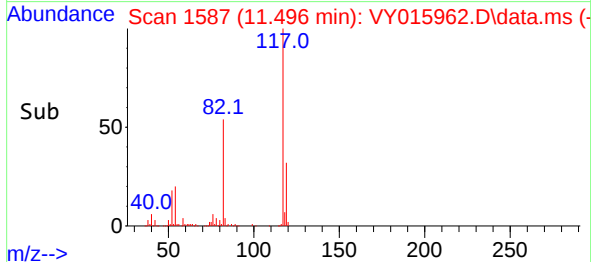
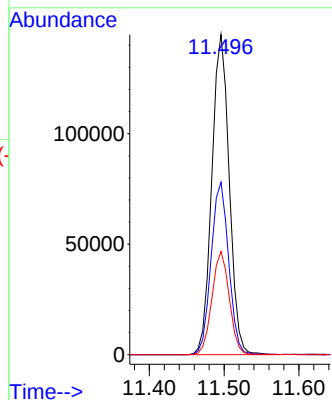


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Instrument :
MSVOA_Y
ClientSampleId :

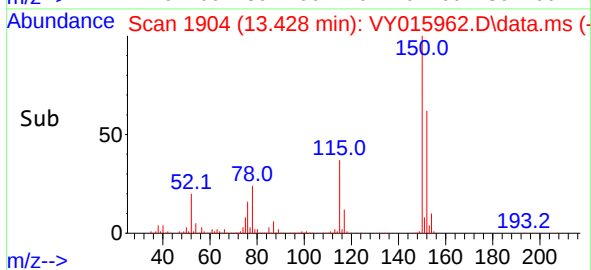
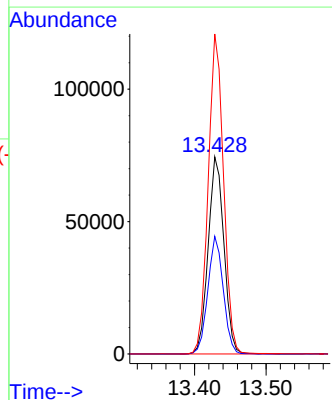
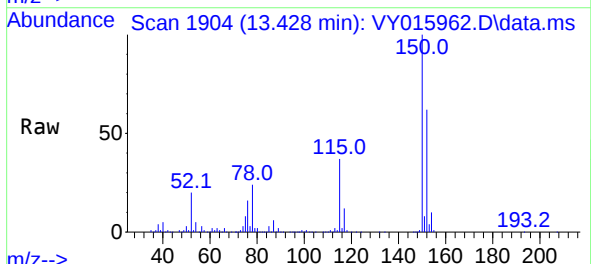


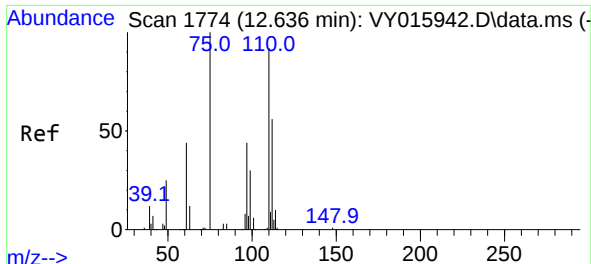
Tgt Ion:117 Resp: 235399
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion:152 Resp: 113942
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 158.3 0.0 348.8

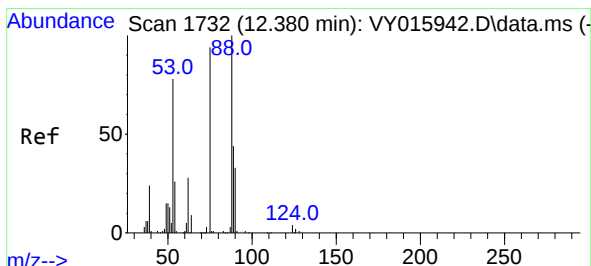
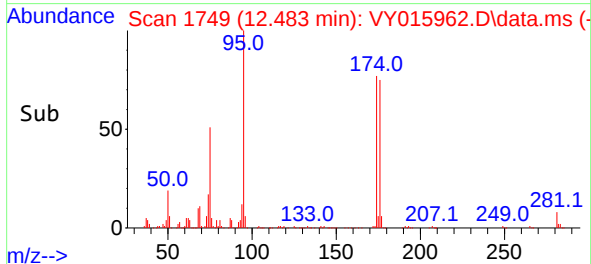
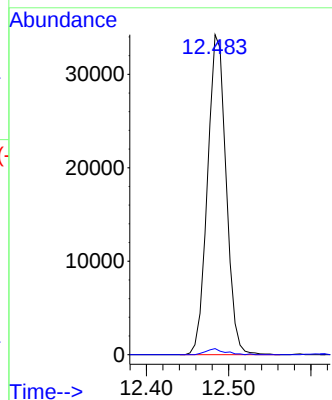
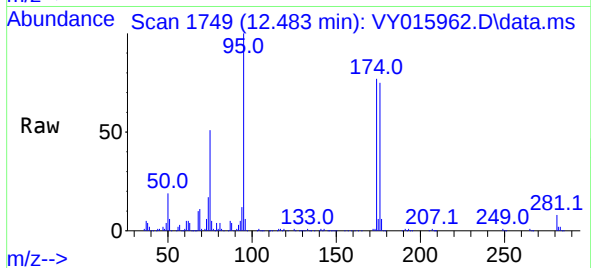




#76
1,2,3-Trichloropropane
Concen: 24.152 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53856
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.895 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 75 Resp: 53856
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

