

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015961.D
 Acq On : 13 Oct 2023 16:39
 Operator : SY/MD
 Sample : 04844-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 17:55:10 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)

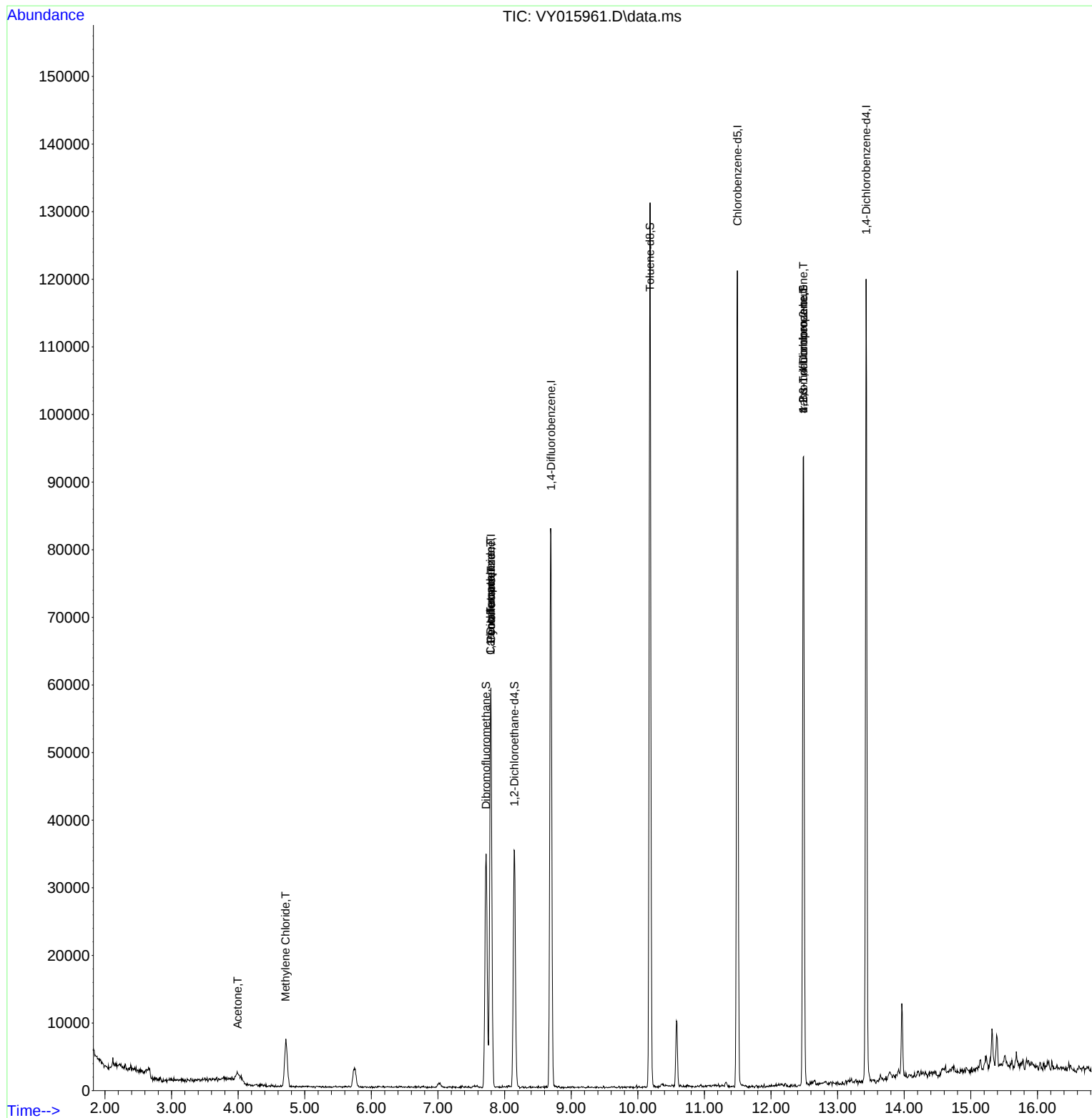
Internal Standards						
1) Pentafluorobenzene	7.795	168	46320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	72856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	66239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28037	53.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.722	113	25416	55.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.820%	
50) Toluene-d8	10.185	98	85574	49.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	12.483	95	26895	43.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	447	Below Cal	#	88
16) Acetone	3.991	43	2204	7.177	ug/l	92
20) Methylene Chloride	4.710	84	5541	5.777	ug/l #	81
31) Cyclohexane	7.795	56	933	1.109	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3562	5.147	ug/l #	50
38) Carbon Tetrachloride	7.789	117	4479	6.145	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	13786	24.214	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13786	57.041	ug/l #	10

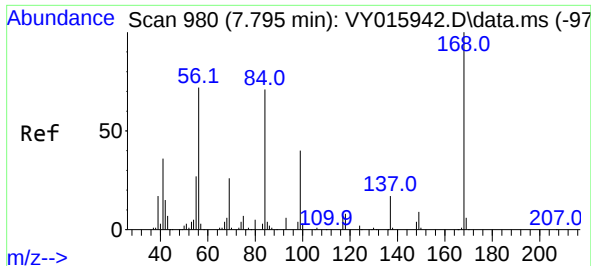
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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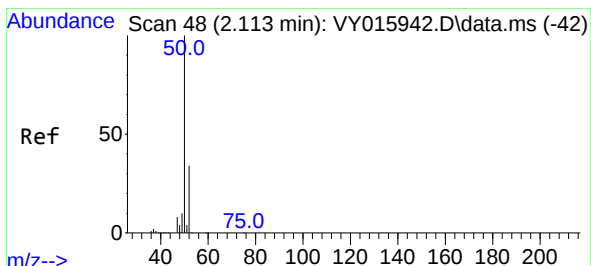
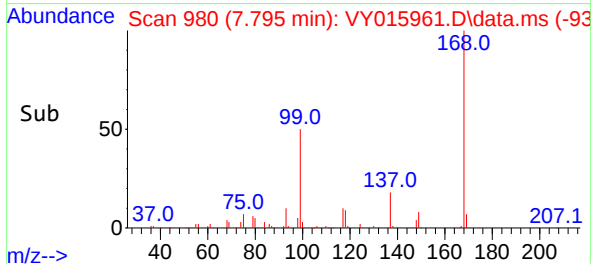
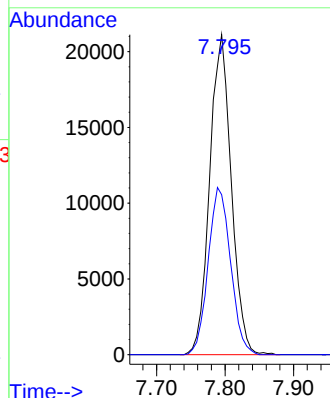
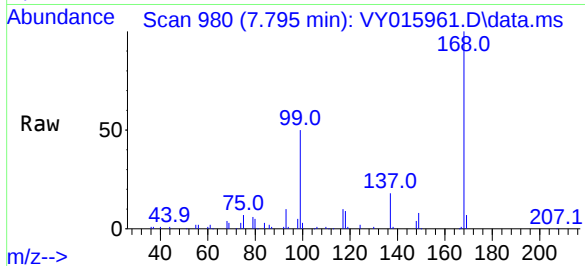




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

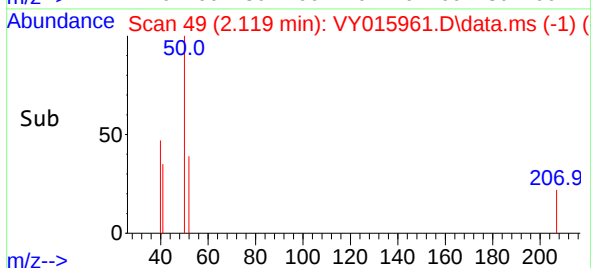
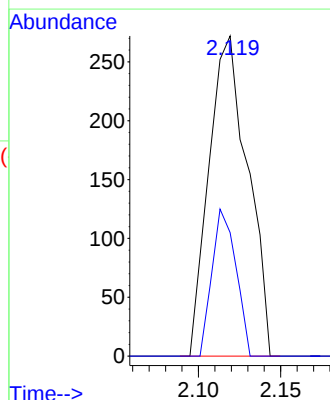
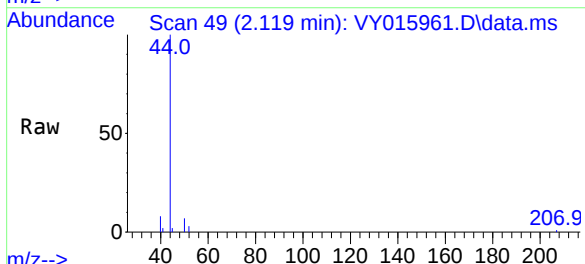
Instrument :
MSVOA_Y
ClientSampleId :

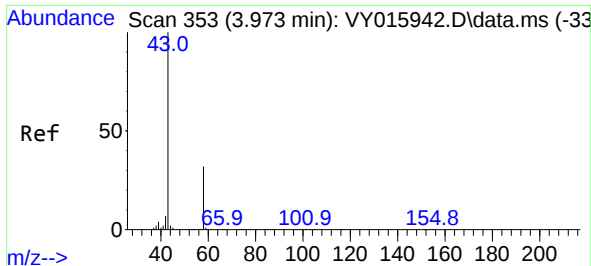
Tgt Ion:168 Resp: 46320
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 38.6 25.4 38.2#

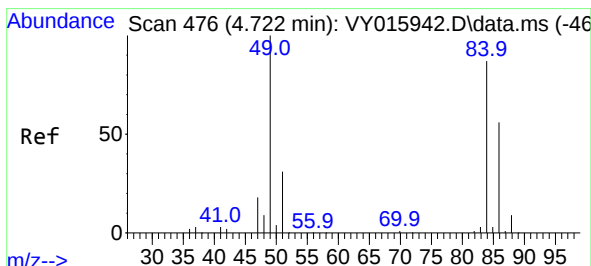
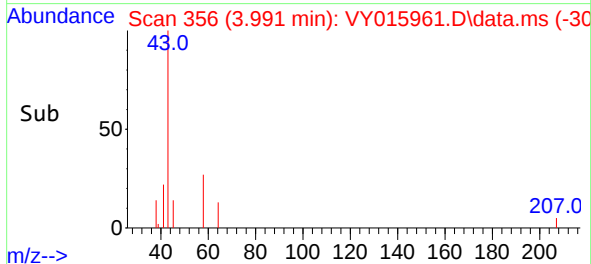
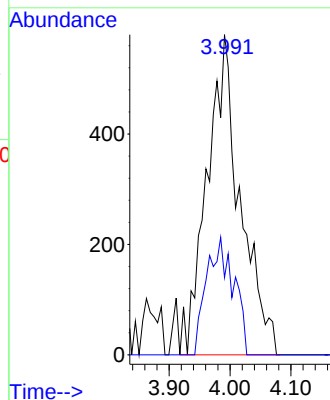
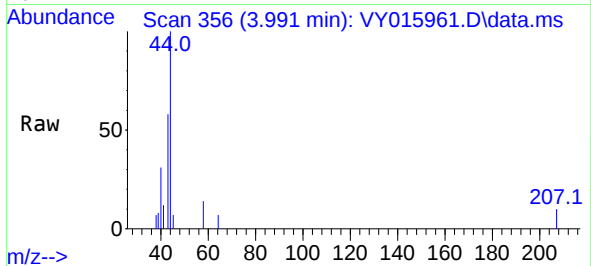




#16
Acetone
Concen: 7.177 ug/l
RT: 3.991 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

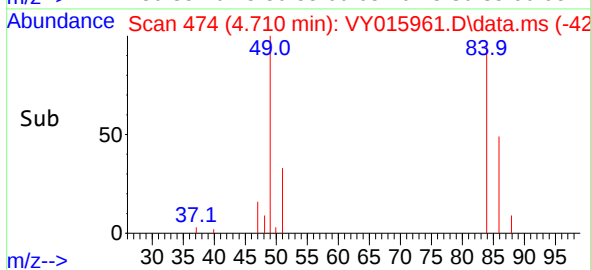
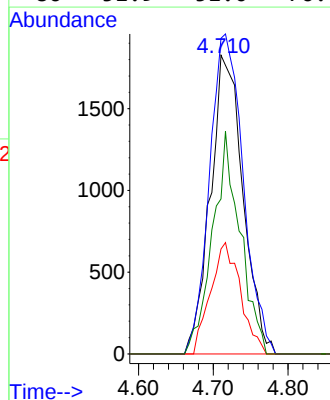
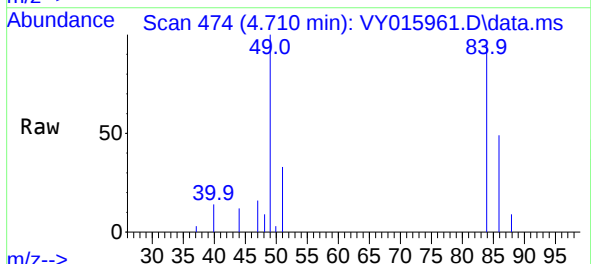
Instrument :
MSVOA_Y
ClientSampleId :

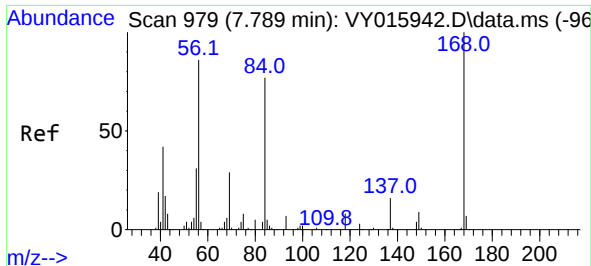
Tgt Ion: 43 Resp: 2204
Ion Ratio Lower Upper
43 100
58 24.1 22.7 34.1



#20
Methylene Chloride
Concen: 5.777 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

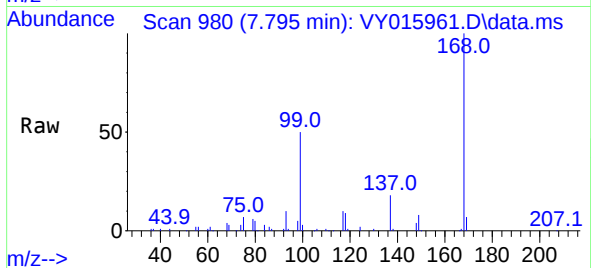
Tgt Ion: 84 Resp: 5541
Ion Ratio Lower Upper
84 100
49 105.7 106.9 160.3#
51 35.1 33.2 49.8
86 51.9 51.0 76.6



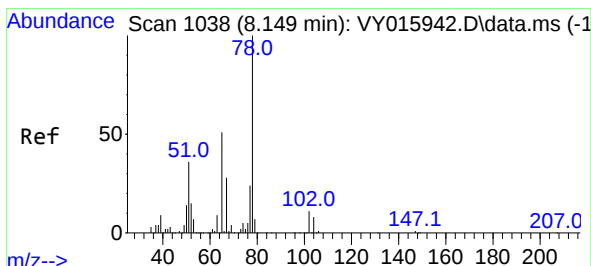
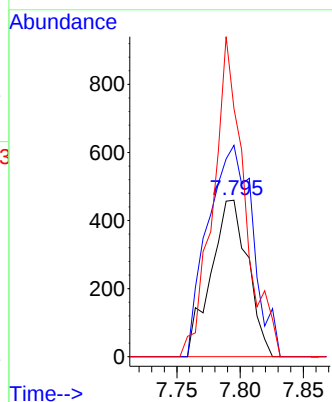
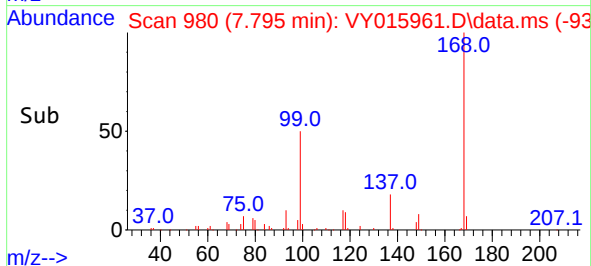


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Instrument :
MSVOA_Y
ClientSampleId :

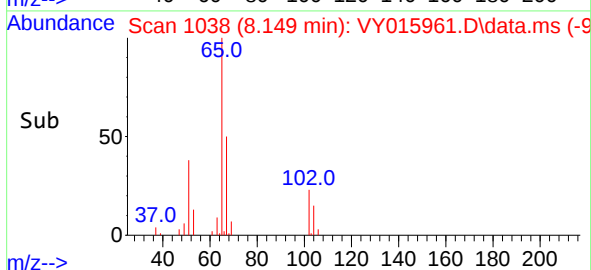
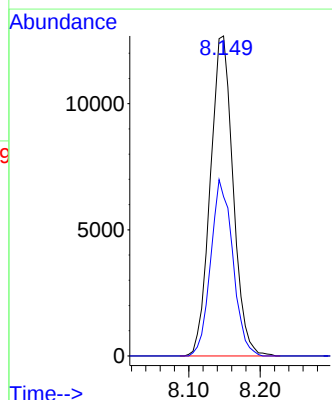
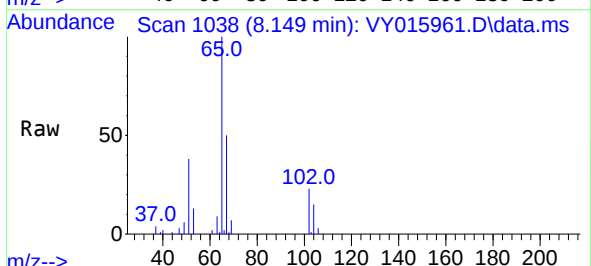


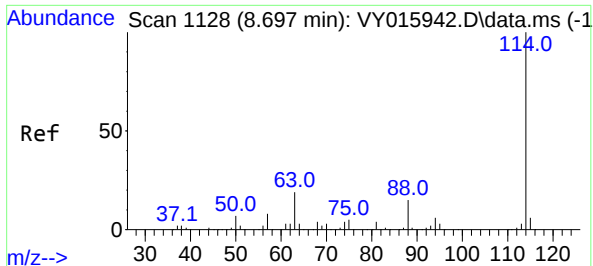
Tgt Ion: 56 Resp: 933
Ion Ratio Lower Upper
56 100
69 135.0 27.8 41.6#
84 158.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.036 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 65 Resp: 28037
Ion Ratio Lower Upper
65 100
67 53.5 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: VY015961.D

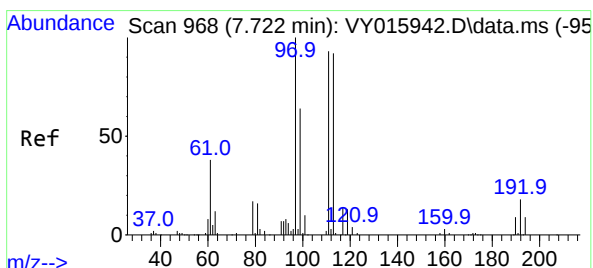
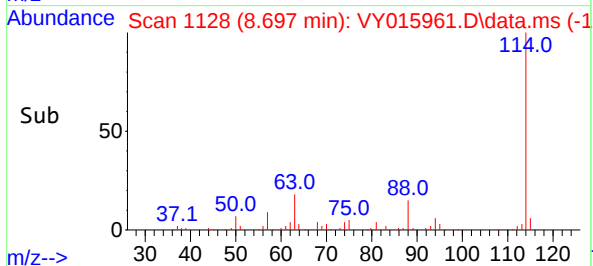
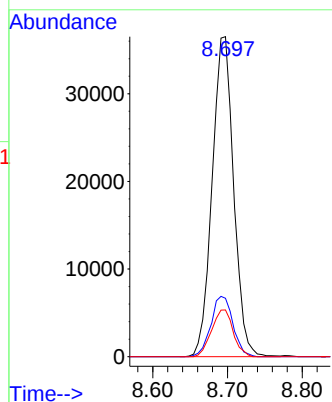
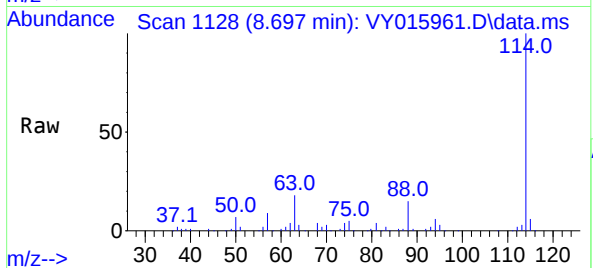
Acq: 13 Oct 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	72856
Ion Ratio	Lower	Upper
114	100	
63	18.3	0.0 42.4
88	14.6	0.0 30.6



#35

Dibromofluoromethane

Concen: 55.413 ug/l

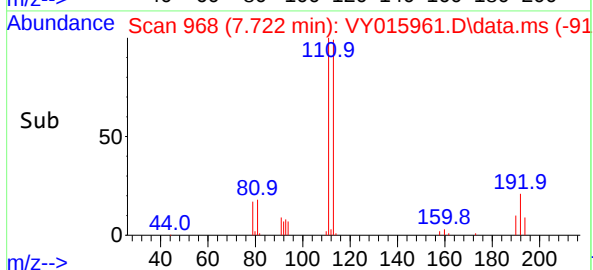
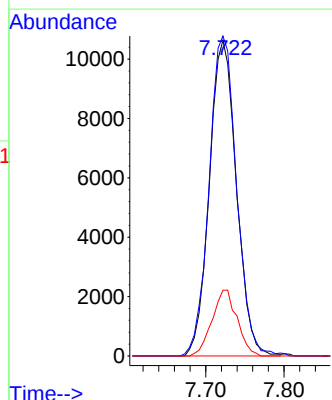
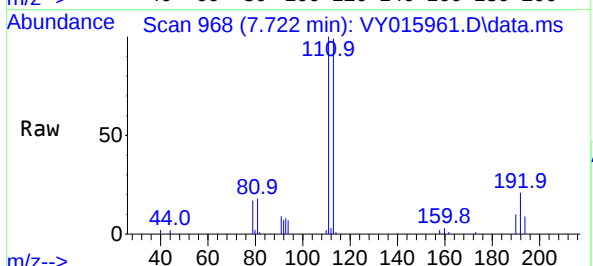
RT: 7.722 min Scan# 968

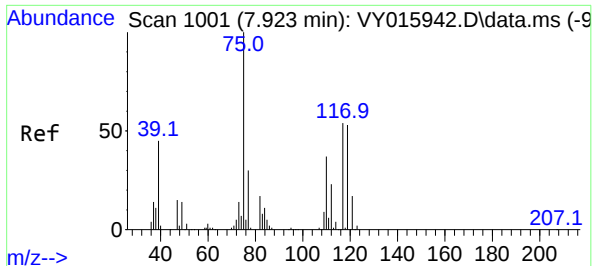
Delta R.T. 0.000 min

Lab File: VY015961.D

Acq: 13 Oct 2023 16:39

Tgt Ion:113	Resp:	25416
Ion Ratio	Lower	Upper
113	100	
111	103.3	81.3 121.9
192	19.4	16.9 25.3

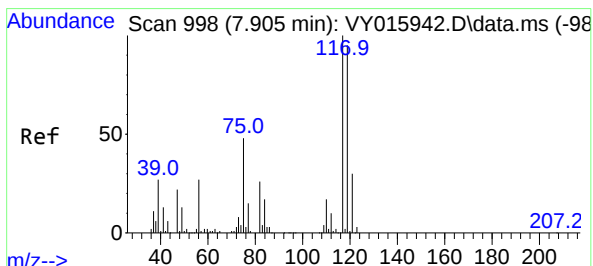
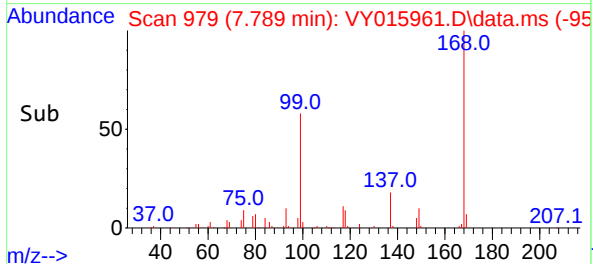
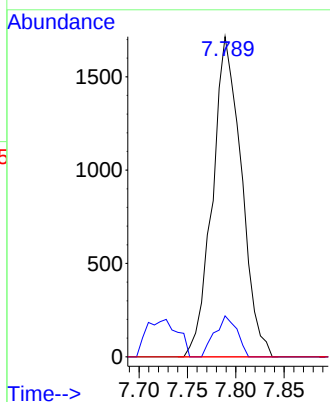
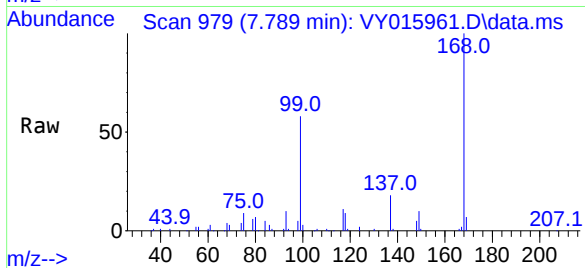




#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

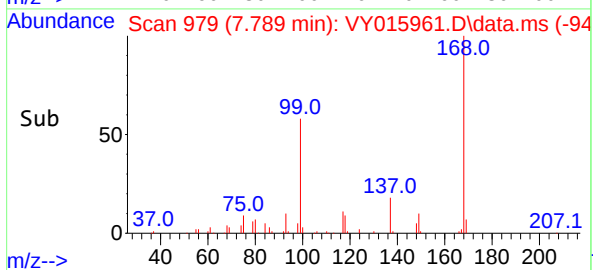
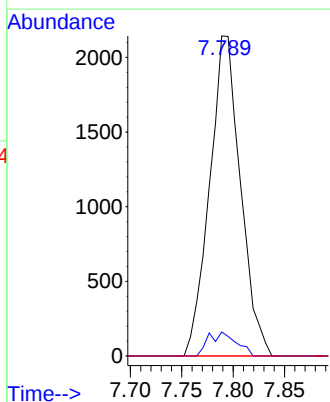
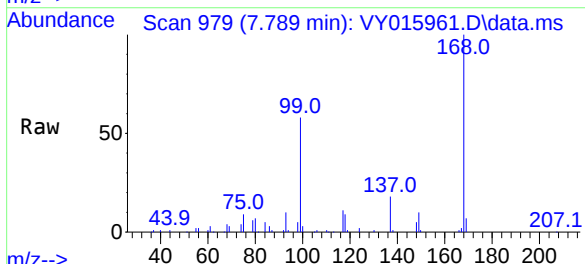
Instrument :
MSVOA_Y
ClientSampleId :

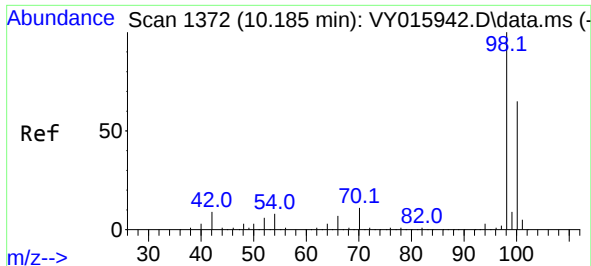
Tgt Ion: 75 Resp: 3562
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 117 Resp: 4479
Ion Ratio Lower Upper
117 100
119 7.5 76.4 114.6#
121 0.0 25.8 38.6#

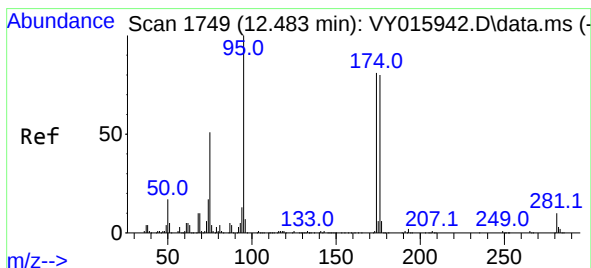
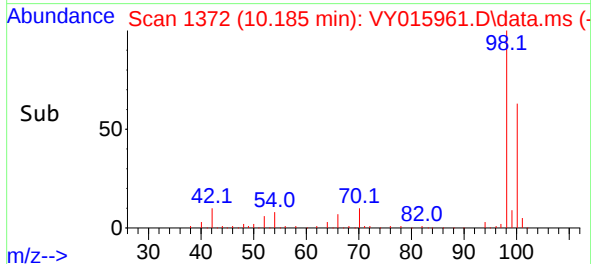
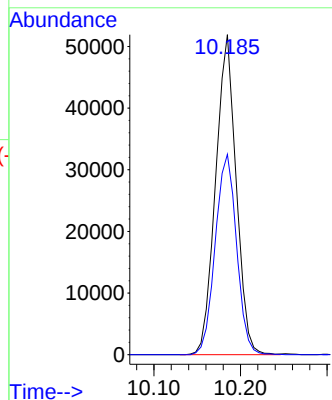
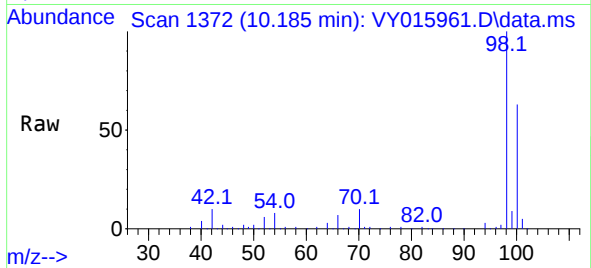




#50
Toluene-d8
Concen: 49.820 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

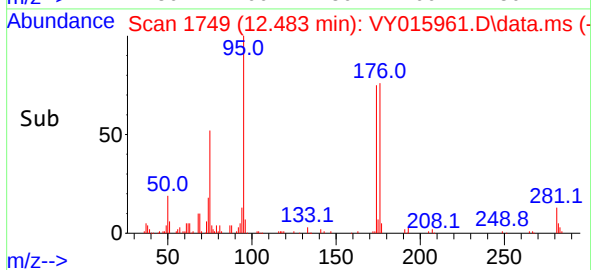
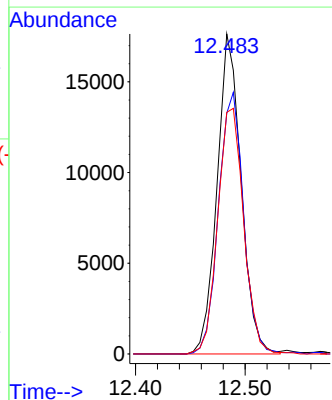
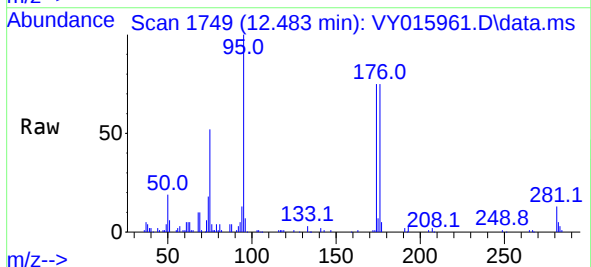
Instrument :
MSVOA_Y
ClientSampleId :

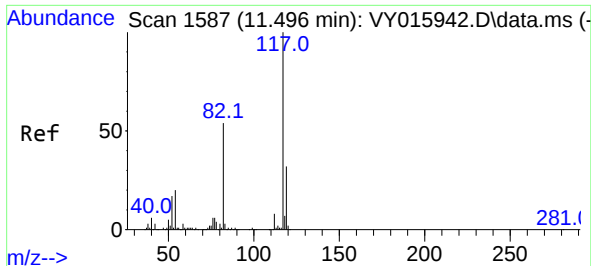
Tgt Ion: 98 Resp: 85574
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

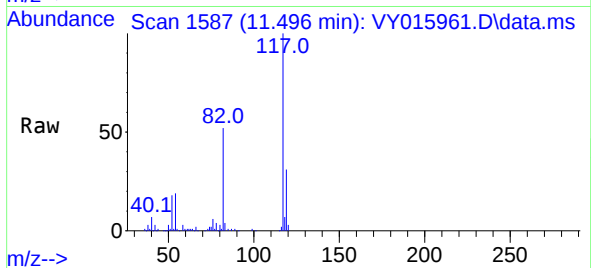
Tgt Ion: 95 Resp: 26895
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.7 0.0 173.8



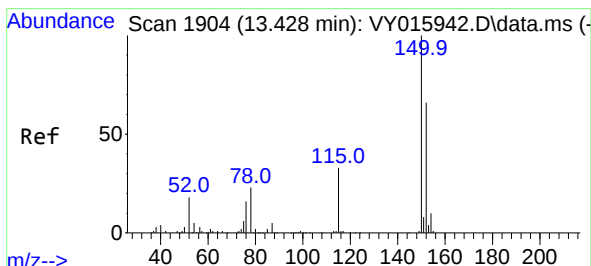
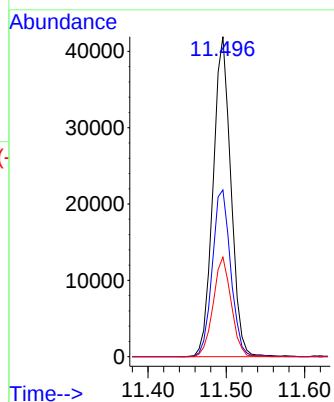
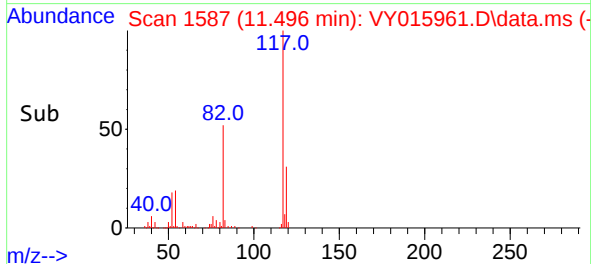


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

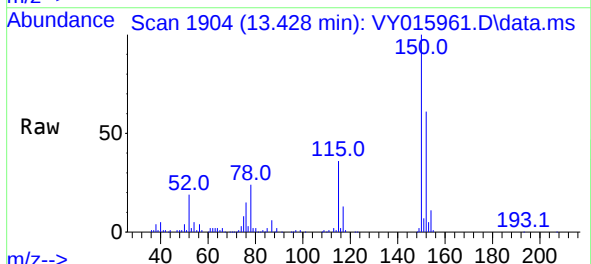
Instrument :
MSVOA_Y
ClientSampleId :



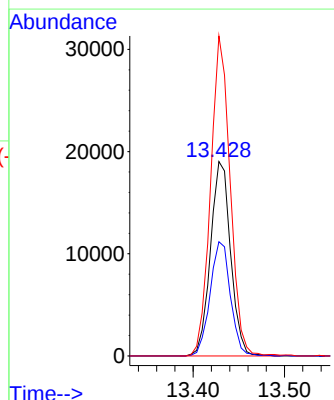
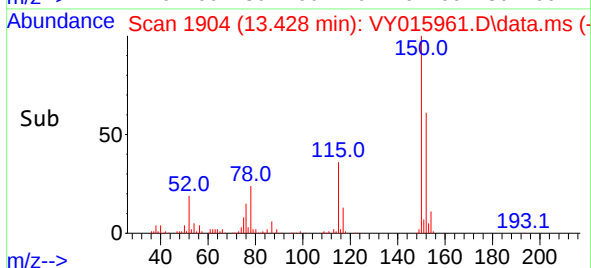
Tgt Ion:117 Resp: 66239
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.1 26.3 39.5

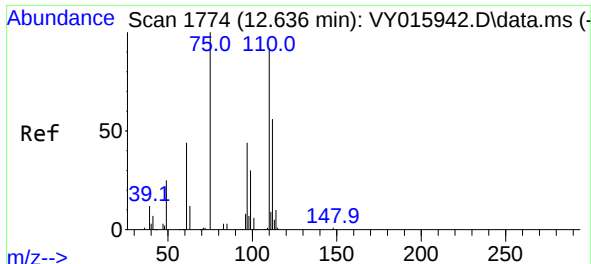


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39



Tgt Ion:152 Resp: 29092
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 159.9 0.0 348.8

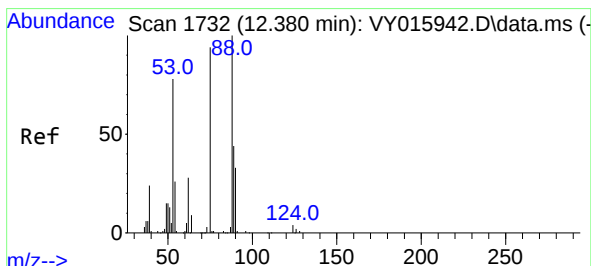
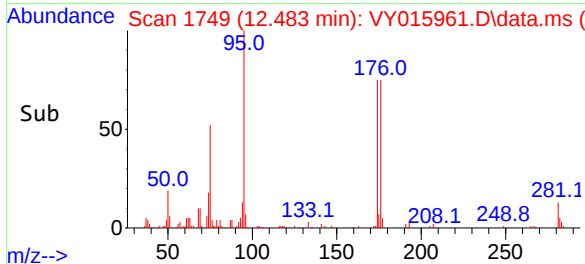
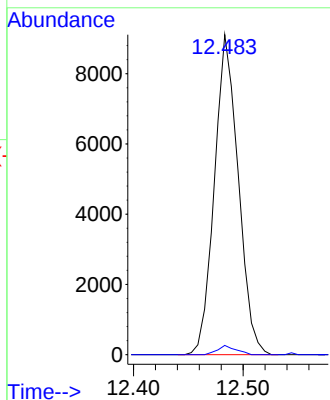
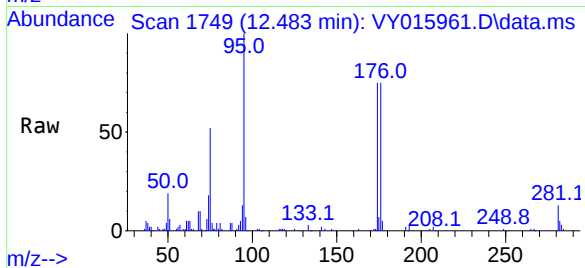




#76
1,2,3-Trichloropropane
Concen: 24.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13786
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 75 Resp: 13786
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

