

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015963.D
 Acq On : 13 Oct 2023 17:26
 Operator : SY/MD
 Sample : 04844-13RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 17:55:33 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)

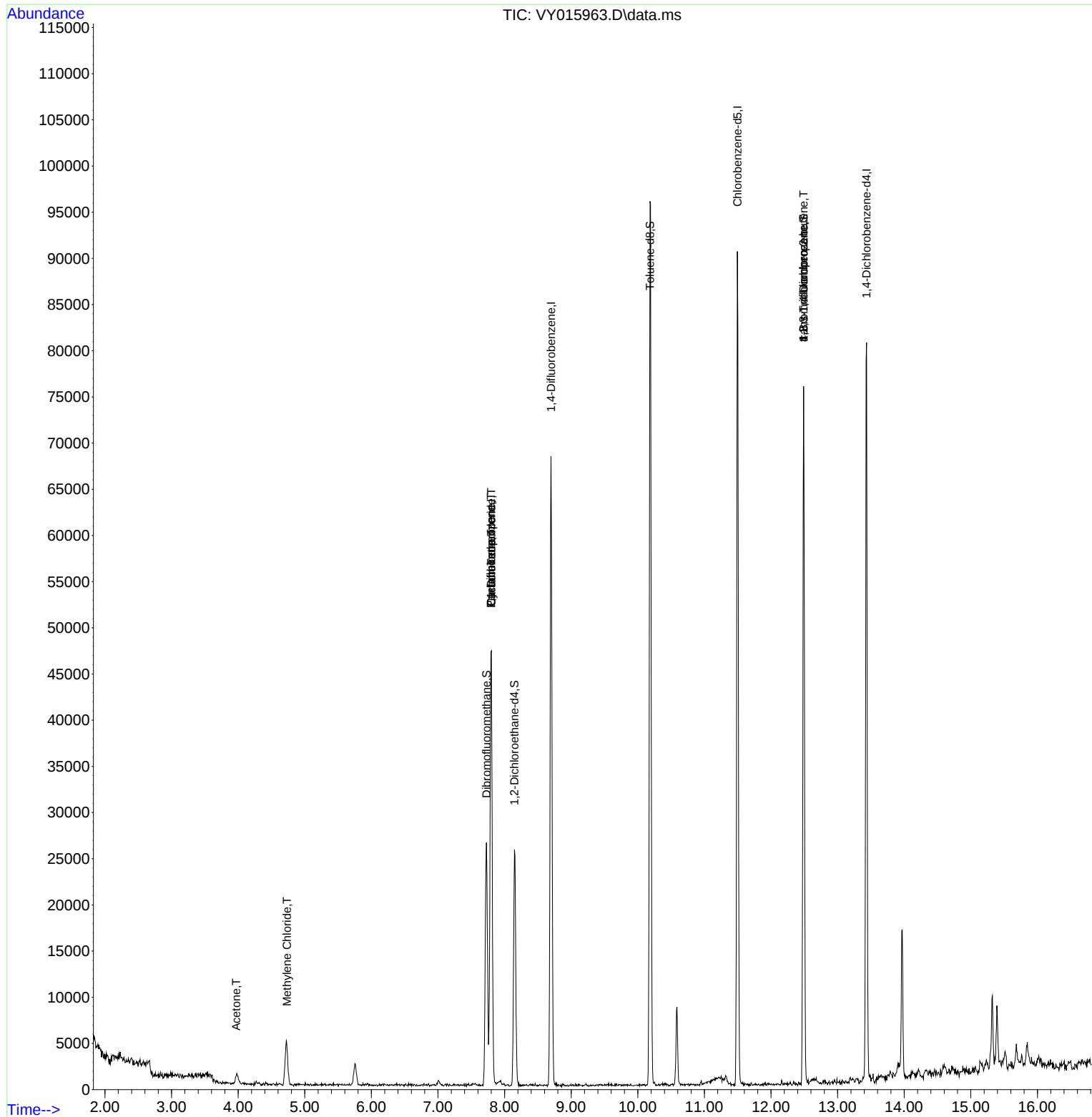
Internal Standards						
1) Pentafluorobenzene	7.795	168	37781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	57980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	50542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20184	46.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.728	113	19116	52.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.185	98	66986	49.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.489	95	19183	39.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	465	Below Cal	#	80
16) Acetone	3.972	43	2293	9.155	ug/l	94
20) Methylene Chloride	4.734	84	3522	3.502	ug/l #	71
31) Cyclohexane	7.801	56	743	1.082	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	2974	5.400	ug/l #	50
38) Carbon Tetrachloride	7.801	117	3711	6.398	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	10242	24.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	10242	58.495	ug/l #	11

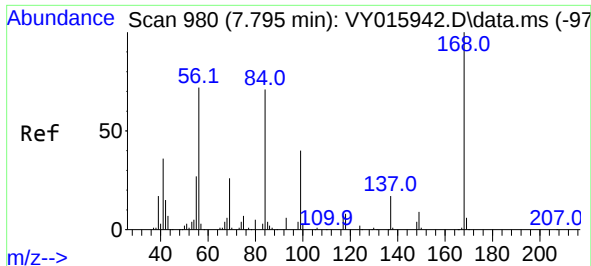
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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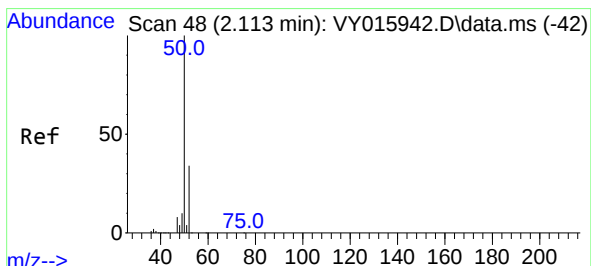
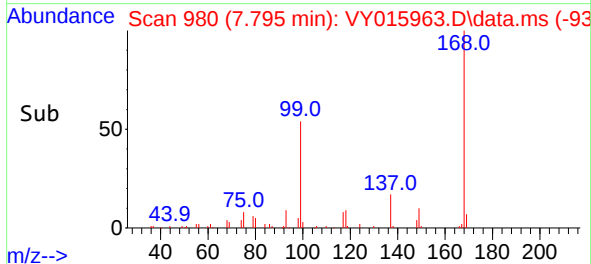
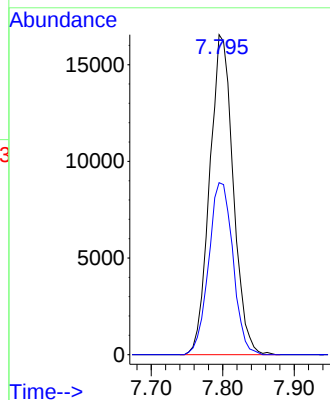
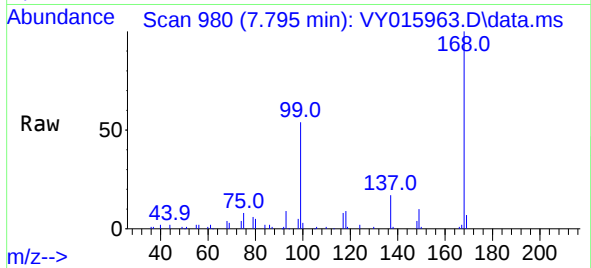




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

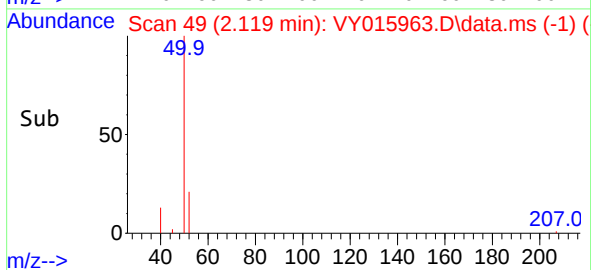
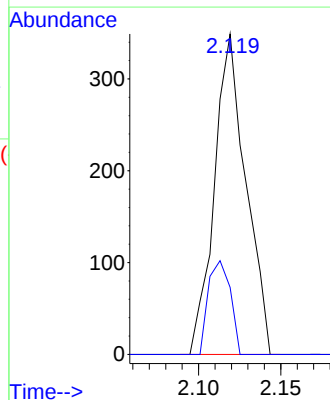
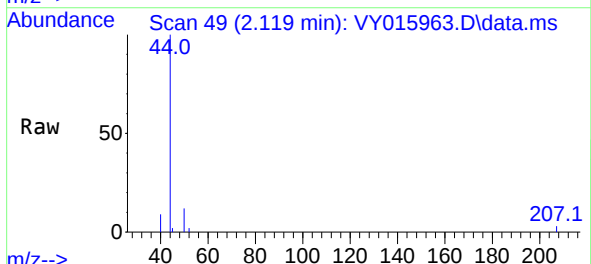
Instrument :
MSVOA_Y
ClientSampleId :

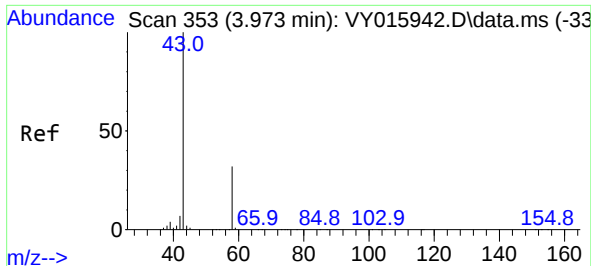
Tgt Ion:168 Resp: 37781
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 20.9 25.4 38.2#

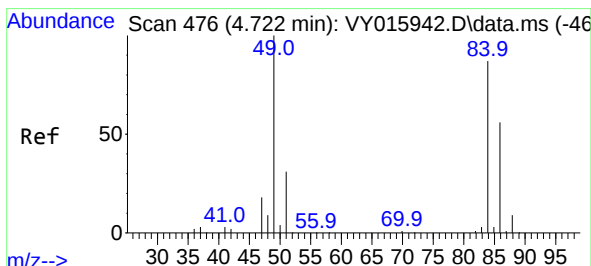
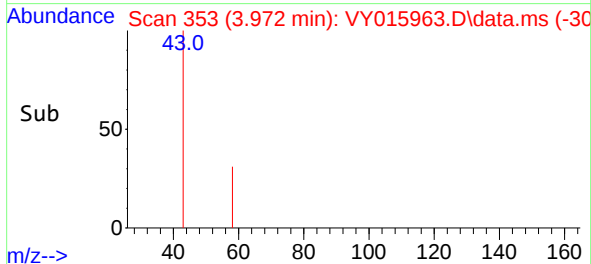
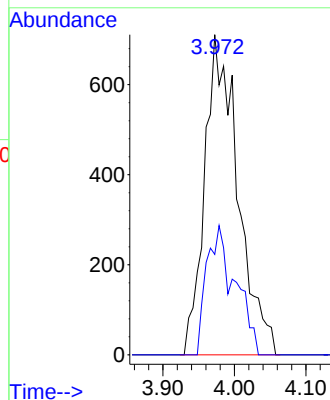
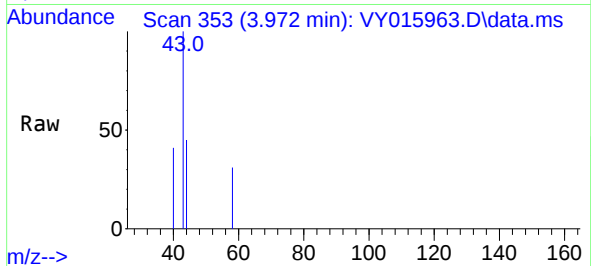




#16
Acetone
Concen: 9.155 ug/l
RT: 3.972 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

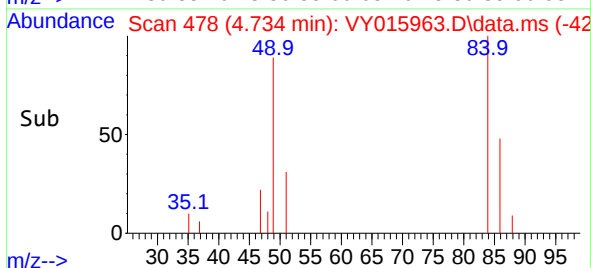
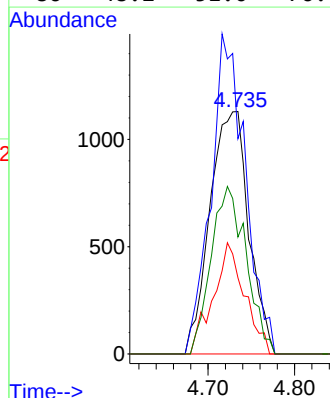
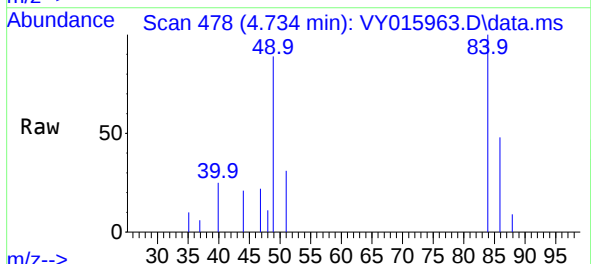
Instrument :
MSVOA_Y
ClientSampleId :

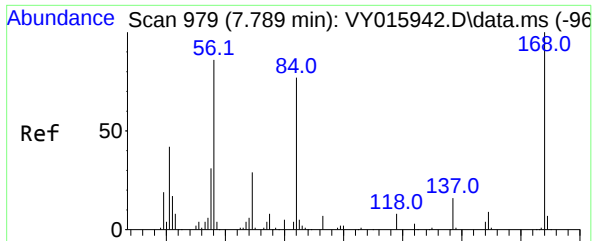
Tgt Ion: 43 Resp: 2293
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



#20
Methylene Chloride
Concen: 3.502 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

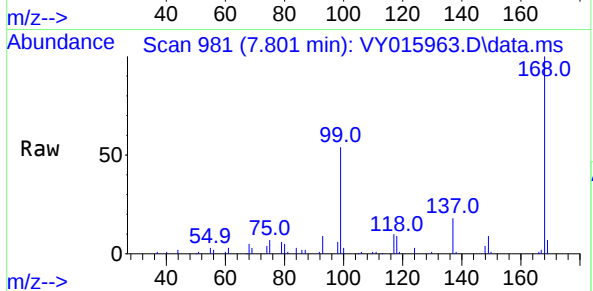
Tgt Ion: 84 Resp: 3522
Ion Ratio Lower Upper
84 100
49 88.8 106.9 160.3#
51 31.4 33.2 49.8#
86 48.2 51.0 76.6#



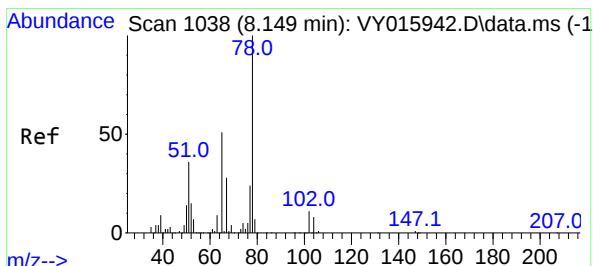
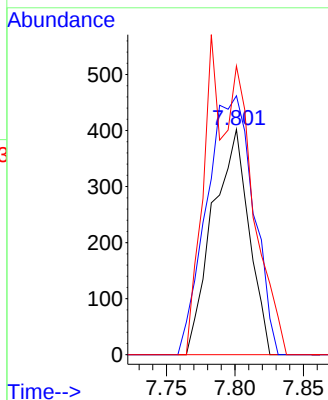
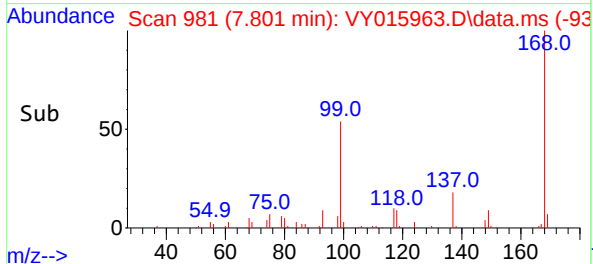


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :

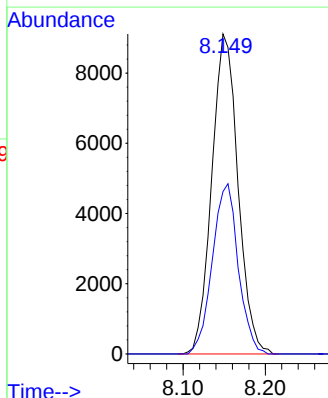
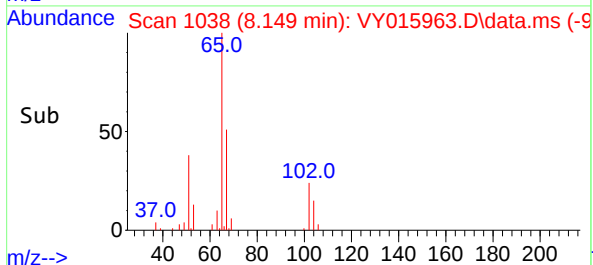
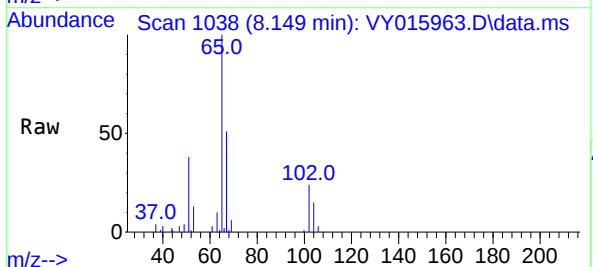


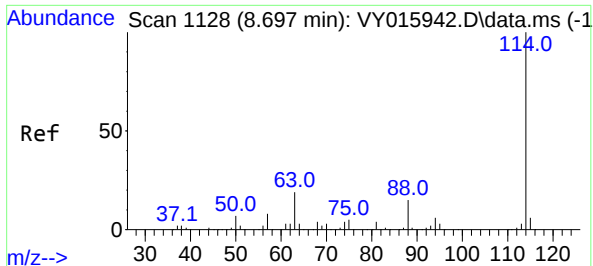
Tgt Ion: 56 Resp: 743
Ion Ratio Lower Upper
56 100
69 114.9 27.8 41.6#
84 128.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.810 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 65 Resp: 20184
Ion Ratio Lower Upper
65 100
67 52.4 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: VY015963.D

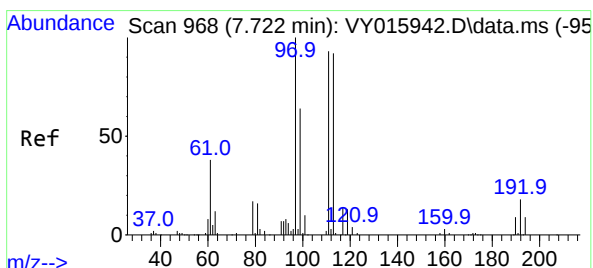
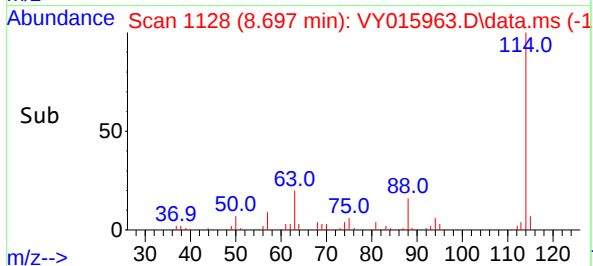
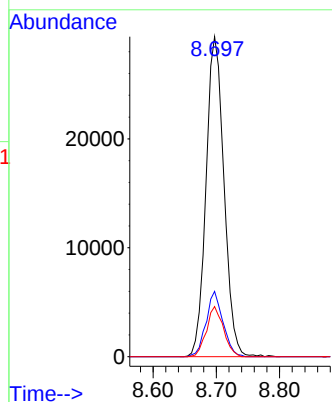
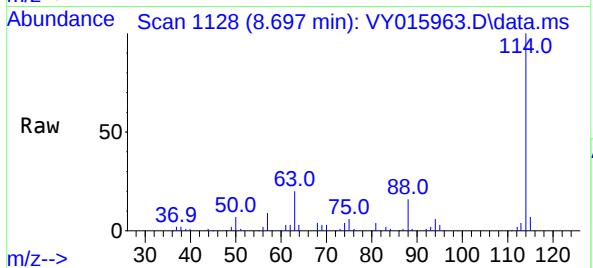
Acq: 13 Oct 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	57980
Ion	Ratio	Lower Upper
114	100	
63	20.4	0.0 42.4
88	15.6	0.0 30.6



#35

Dibromofluoromethane

Concen: 52.370 ug/l

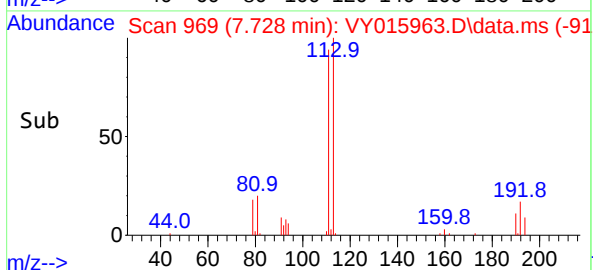
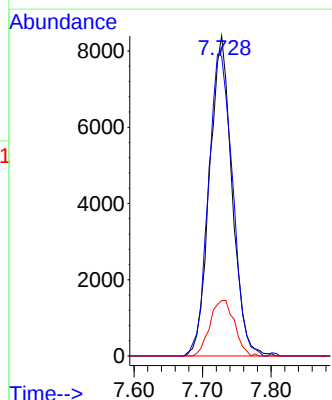
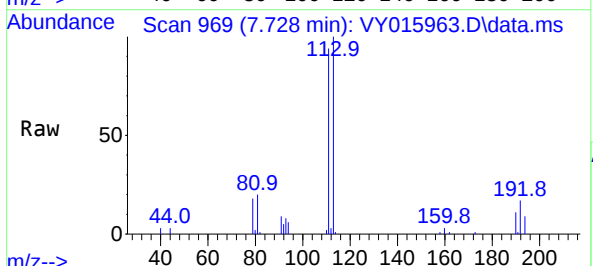
RT: 7.728 min Scan# 969

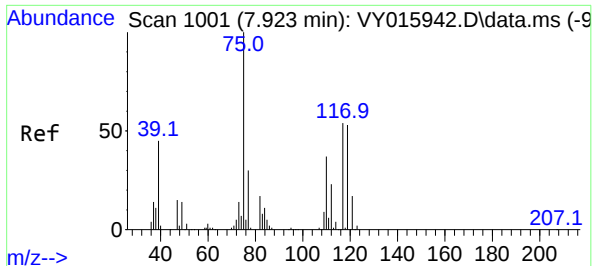
Delta R.T. 0.006 min

Lab File: VY015963.D

Acq: 13 Oct 2023 17:26

Tgt Ion:113	Resp:	19116
Ion	Ratio	Lower Upper
113	100	
111	101.7	81.3 121.9
192	18.9	16.9 25.3

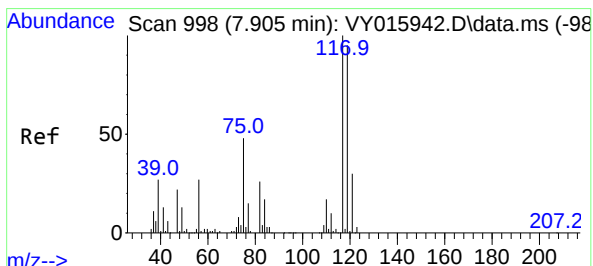
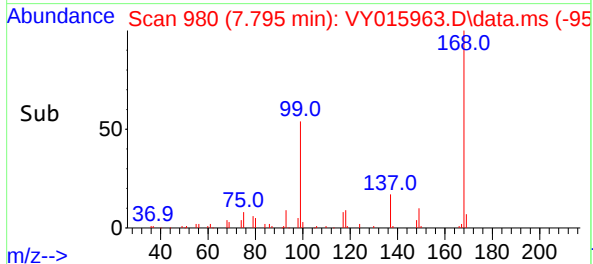
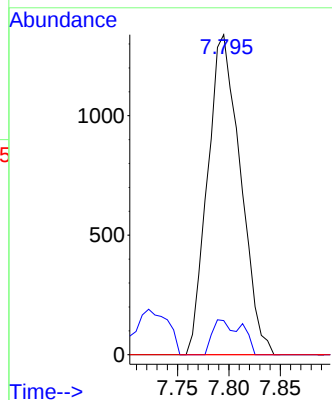
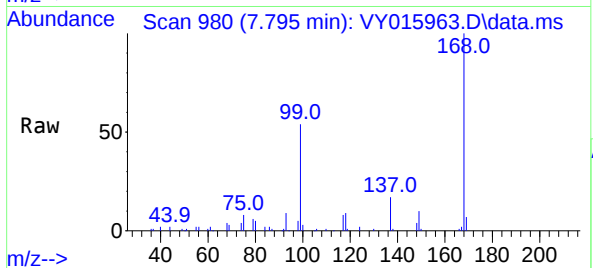




#36
1,1-Dichloropropene
Concen: 5.400 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

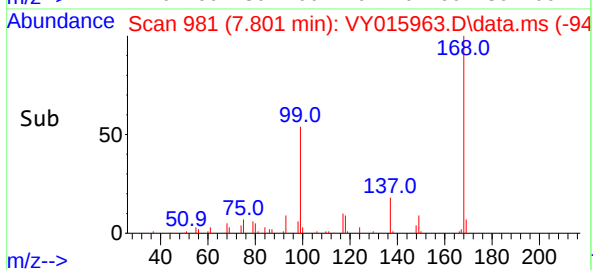
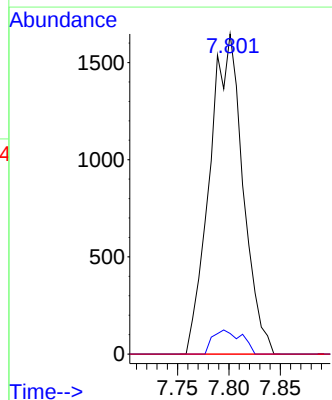
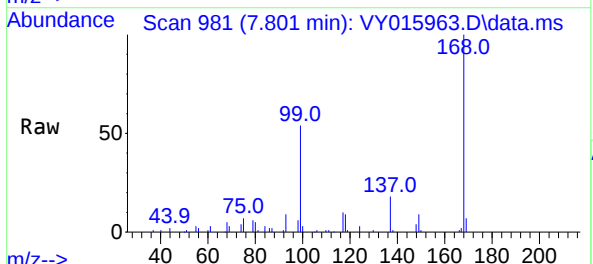
Instrument :
MSVOA_Y
ClientSampleId :

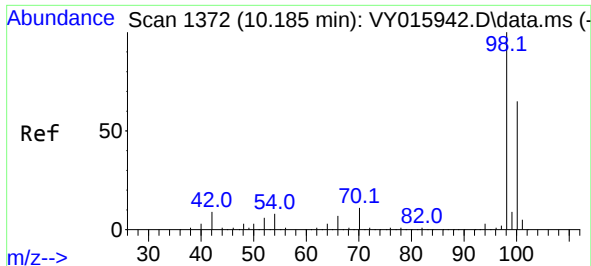
Tgt Ion: 75 Resp: 2974
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.398 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 117 Resp: 3711
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#

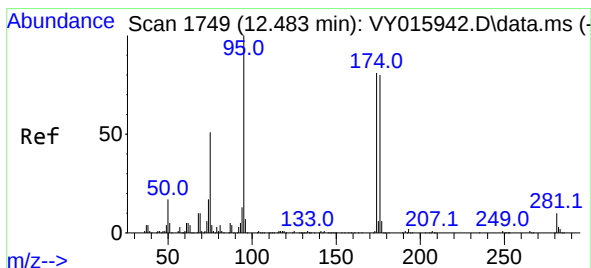
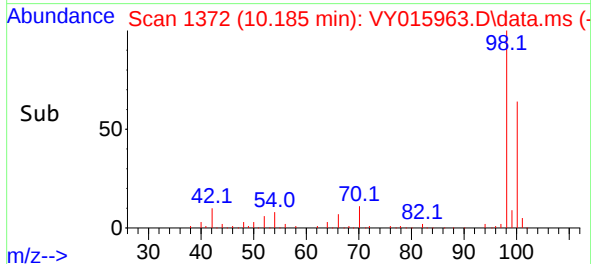
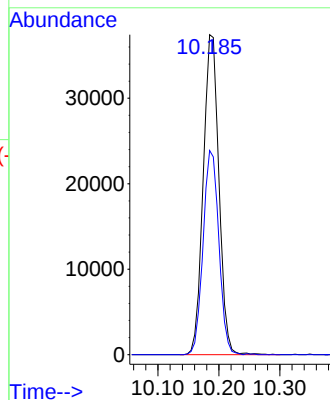
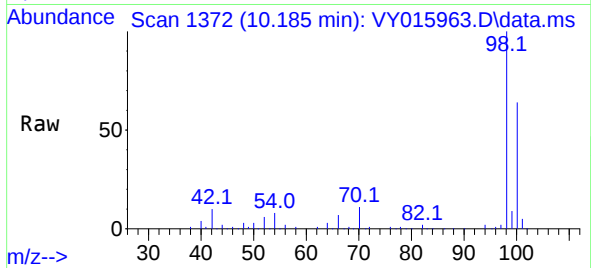




#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

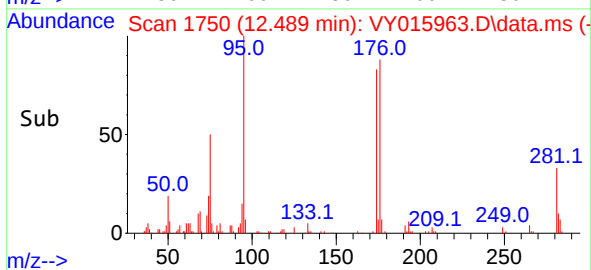
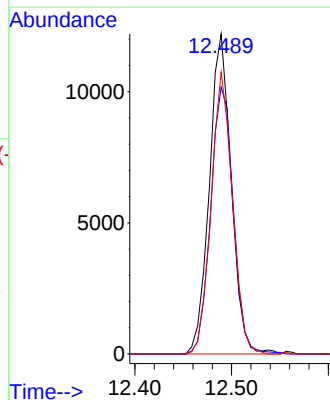
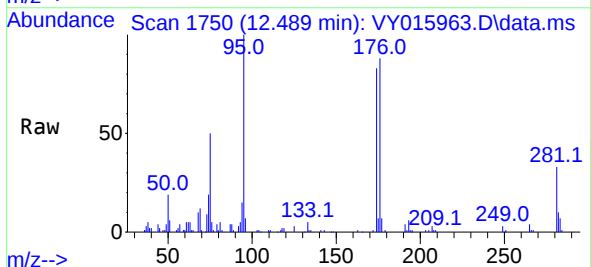
Instrument :
MSVOA_Y
ClientSampleId :

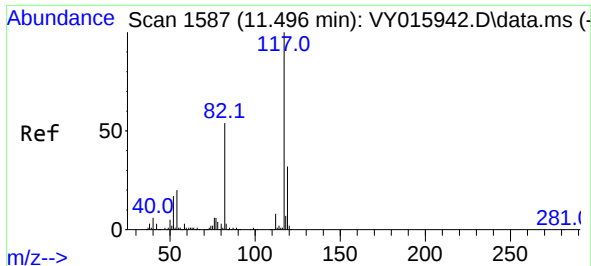
Tgt Ion: 98 Resp: 66986
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.410 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 95 Resp: 19183
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 85.5 0.0 173.8

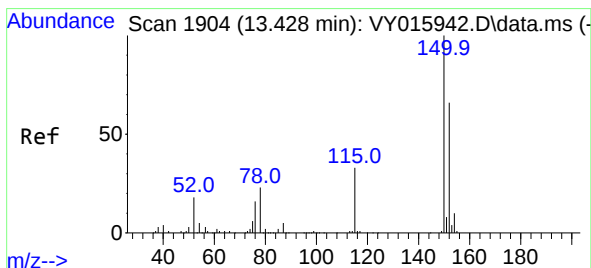
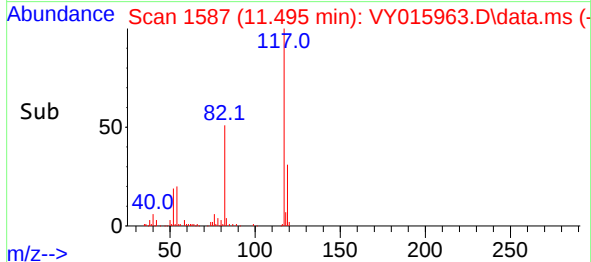
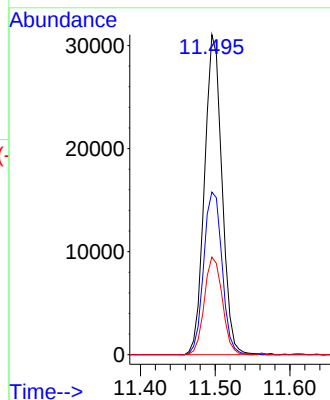
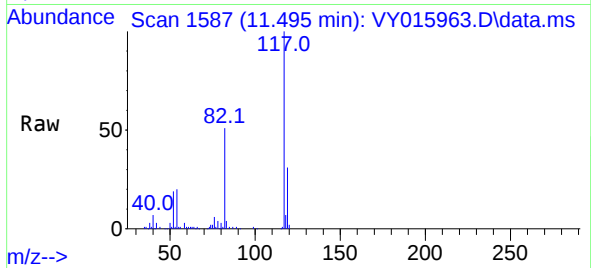




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

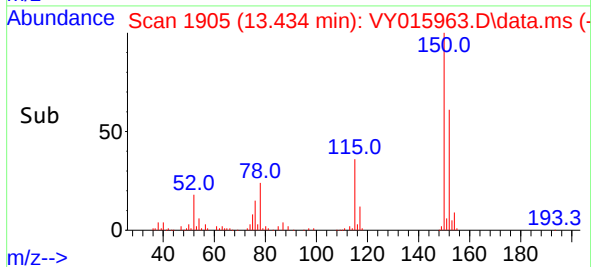
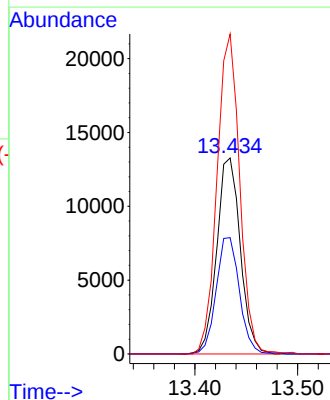
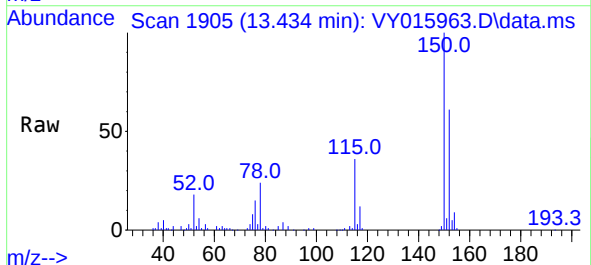
Instrument :
MSVOA_Y
ClientSampleId :

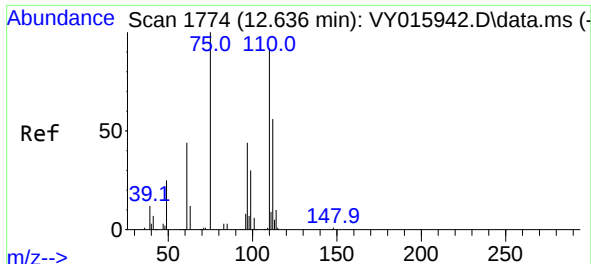
Tgt Ion:117 Resp: 50542
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 30.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion:152 Resp: 21076
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 157.2 0.0 348.8

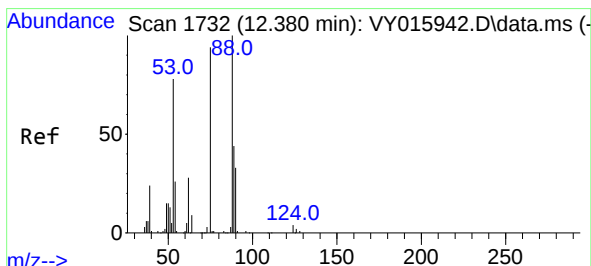
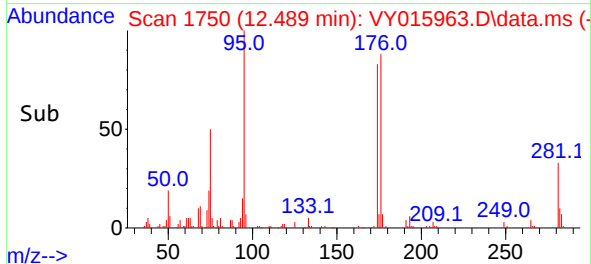
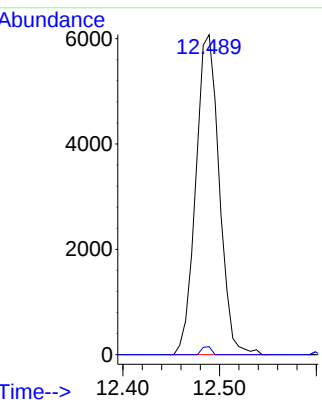
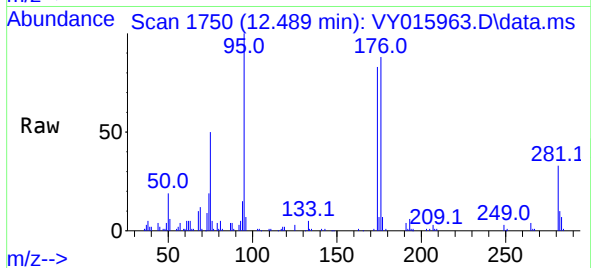




#76
1,2,3-Trichloropropane
Concen: 24.832 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10242
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.495 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 75 Resp: 10242
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.5 37.4 56.0#

