

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015443.D
 Acq On : 06 Sep 2023 10:35
 Operator : SY/MD
 Sample : VY0906SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0906SBL01

Quant Time: Sep 06 16:27:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

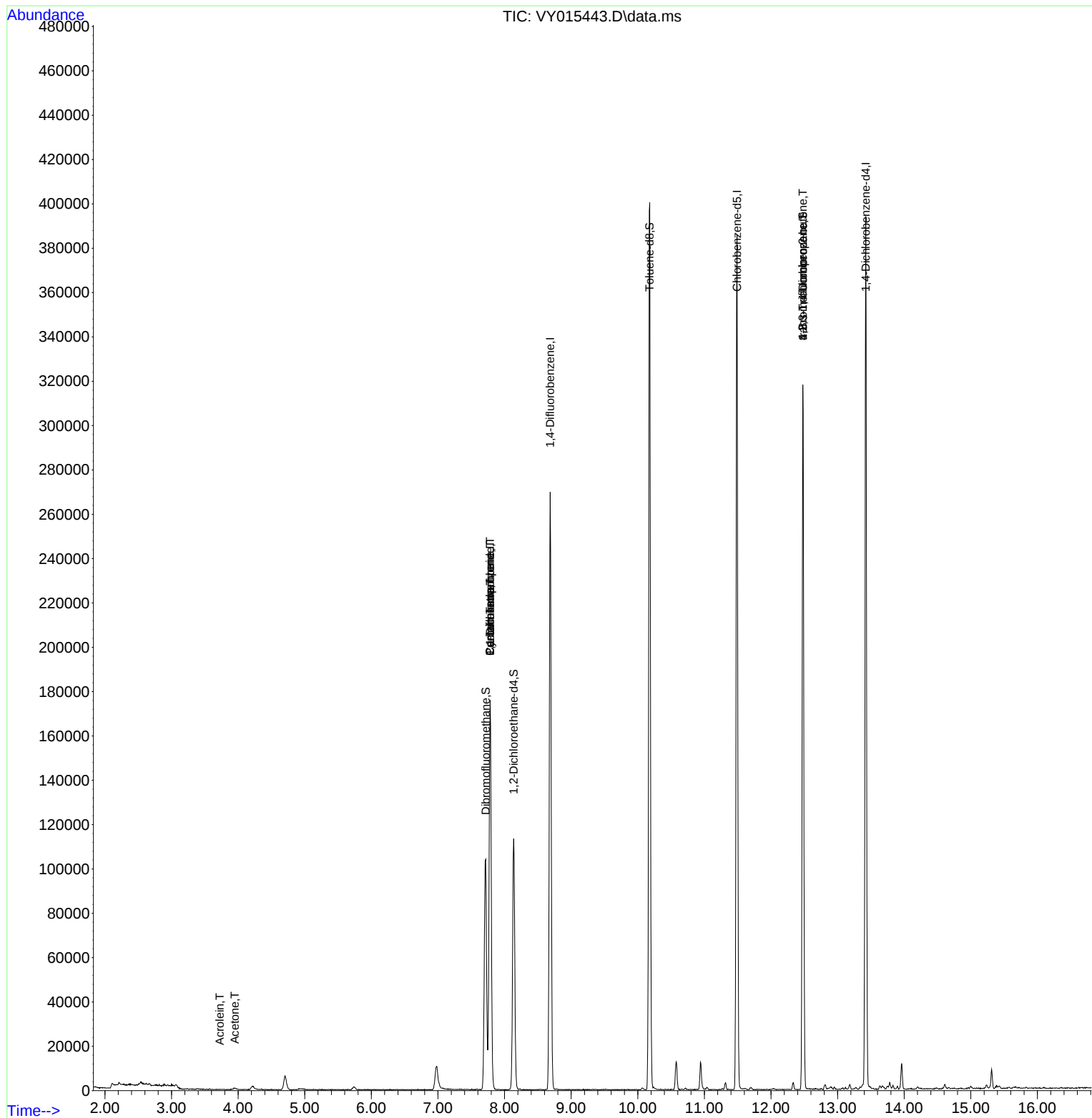
Internal Standards						
1) Pentafluorobenzene	7.783	168	136528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	230722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	208967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89315	61.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.716	113	74251	55.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.179	98	268835	55.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.720%
62) 4-Bromofluorobenzene	12.477	95	90297	50.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1308	Below Cal	#	89
13) Acrolein	3.723	56	19	11.690	ug/l #	14
16) Acetone	3.948	43	1398	2.288	ug/l	97
20) Methylene Chloride	4.704	84	4592	Below Cal		86
31) Cyclohexane	7.783	56	2895	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10928	4.683	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13242	5.495	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	49375	37.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49375	81.749	ug/l #	11

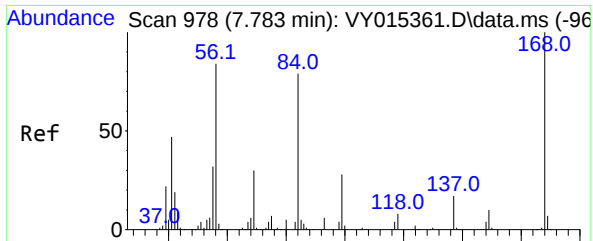
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

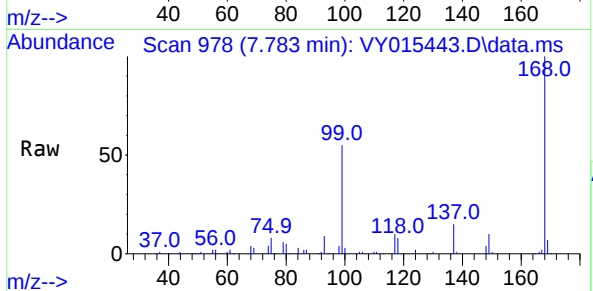
Quant Time: Sep 06 16:27:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



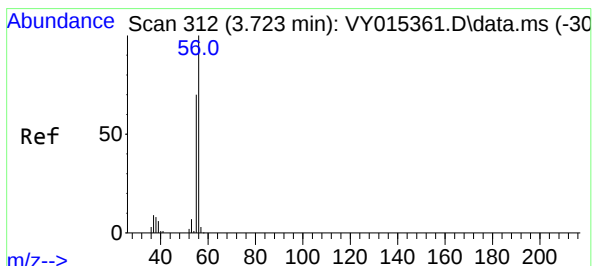
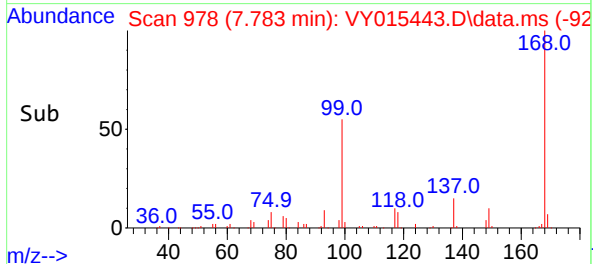
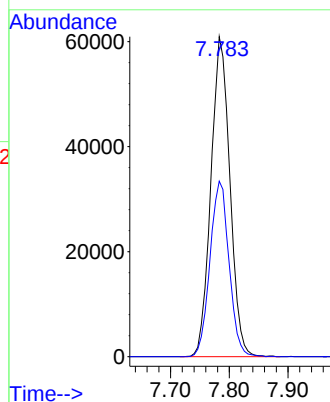


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

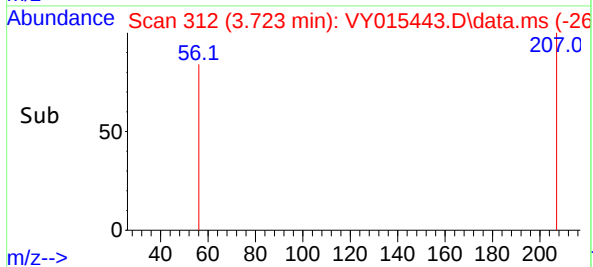
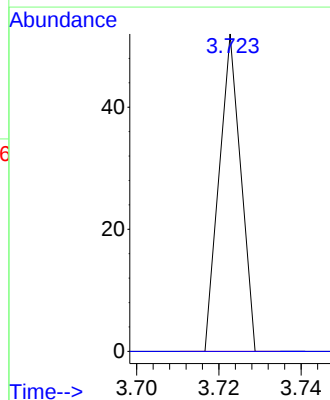
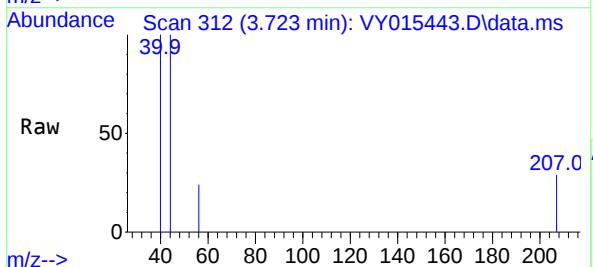


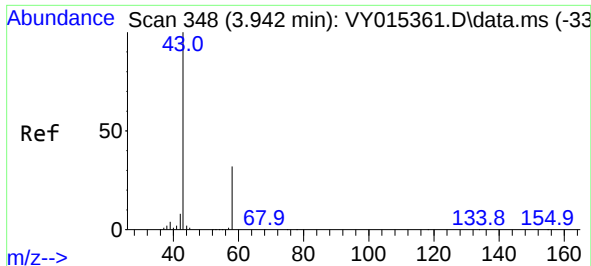
Tgt Ion:168 Resp: 136528
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#13
Acrolein
Concen: 11.690 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

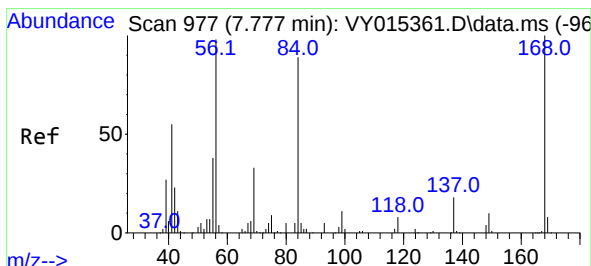
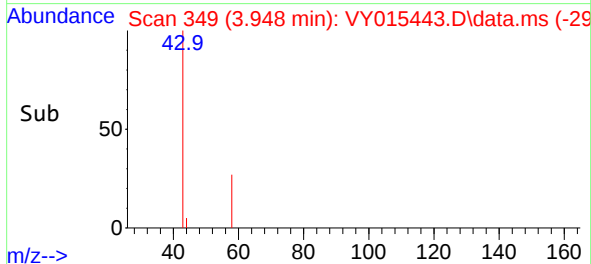
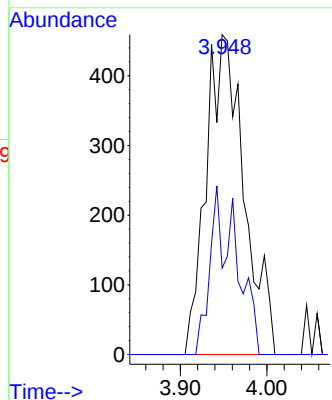
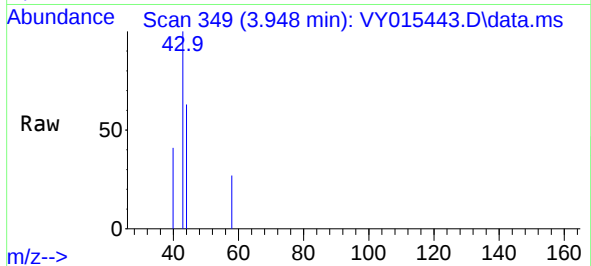




#16
Acetone
Concen: 2.288 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

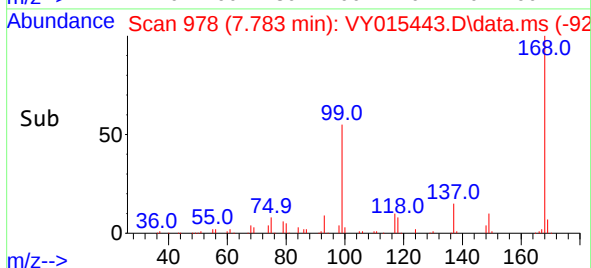
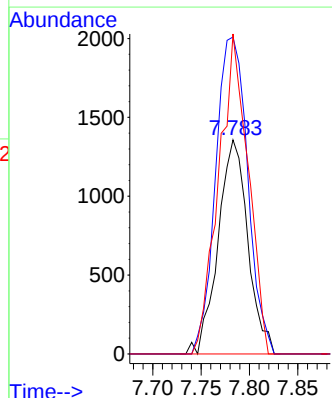
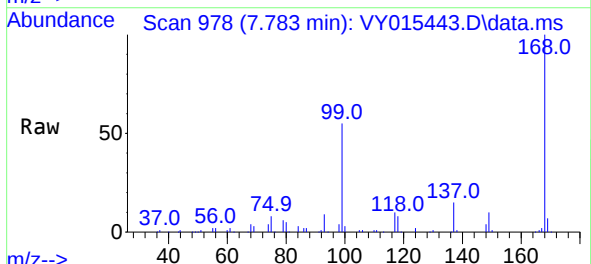
Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

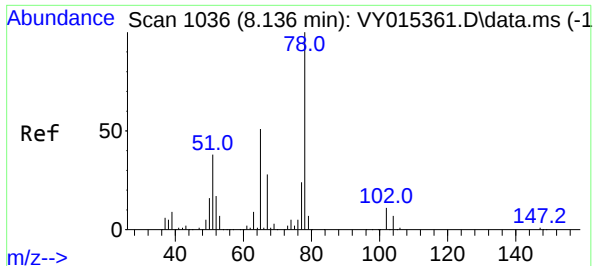
Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 27.0 22.7 34.1



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 148.1 27.8 41.6#
84 149.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.026 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015443.D

Acq: 06 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

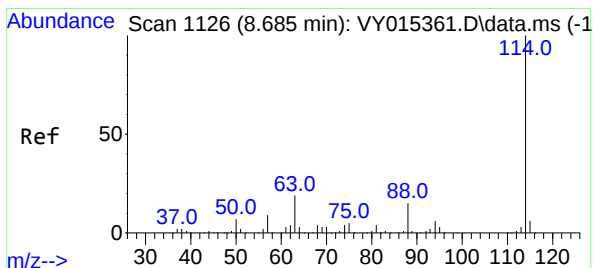
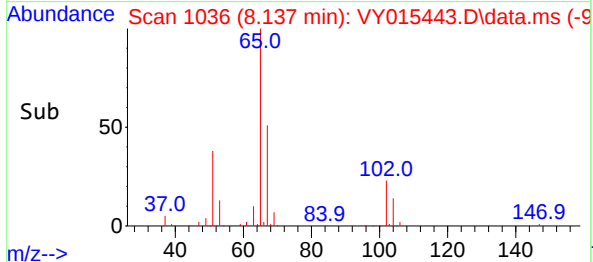
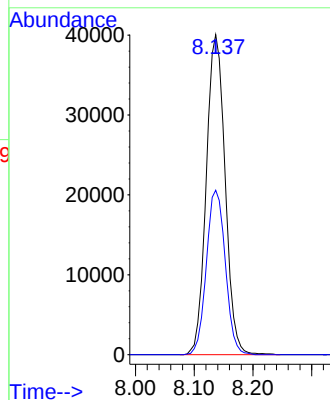
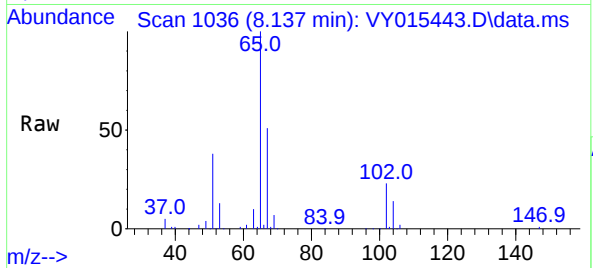
VY0906SBL01

Tgt Ion: 65 Resp: 89315

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015443.D

Acq: 06 Sep 2023 10:35

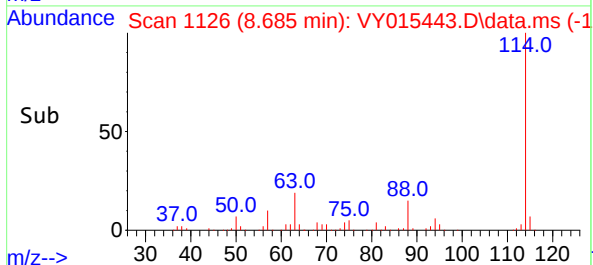
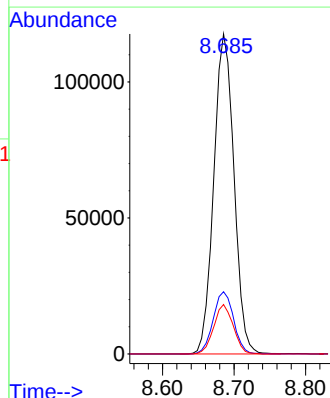
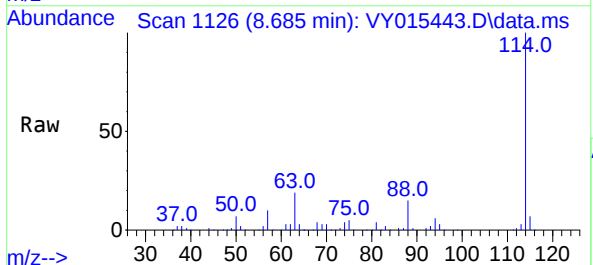
Tgt Ion: 114 Resp: 230722

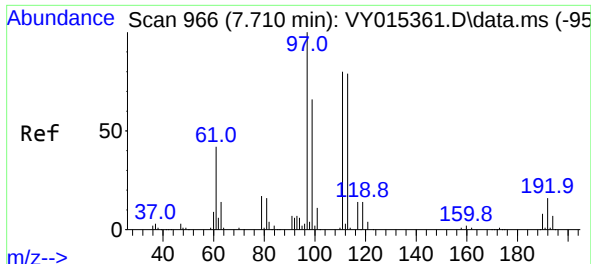
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6

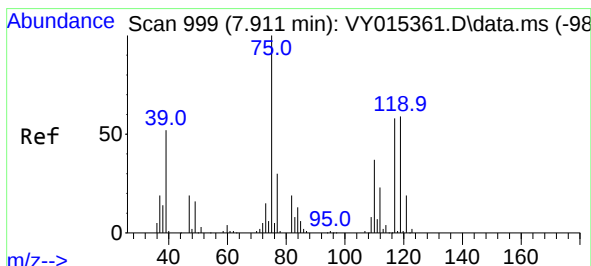
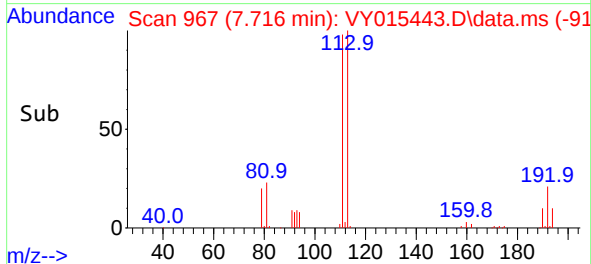
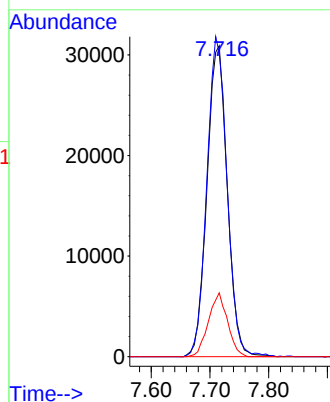
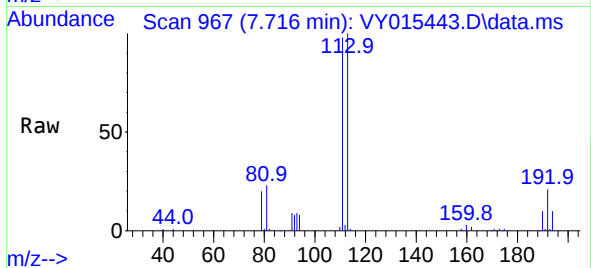




#35
Dibromofluoromethane
Concen: 55.874 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

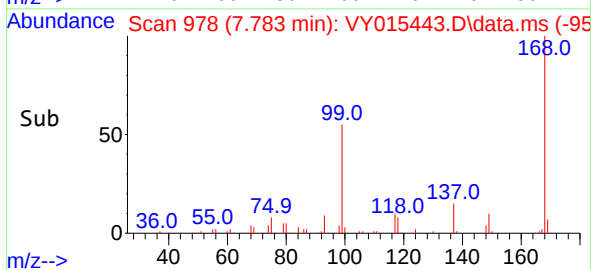
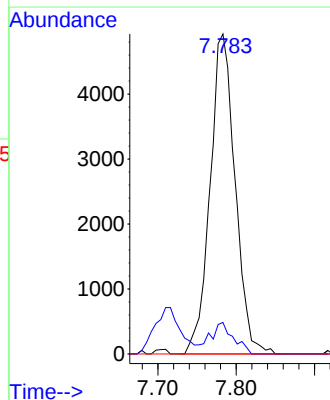
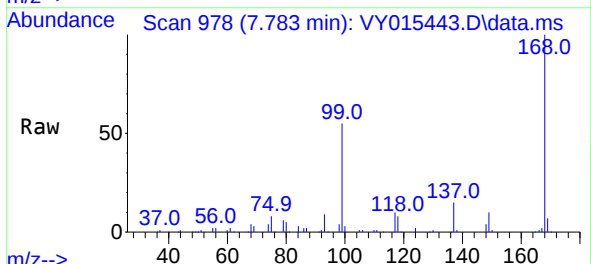
Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

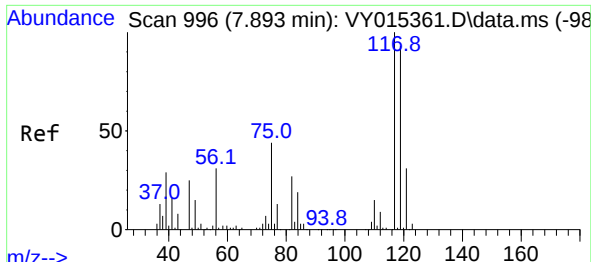
Tgt Ion:113 Resp: 74251
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.683 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

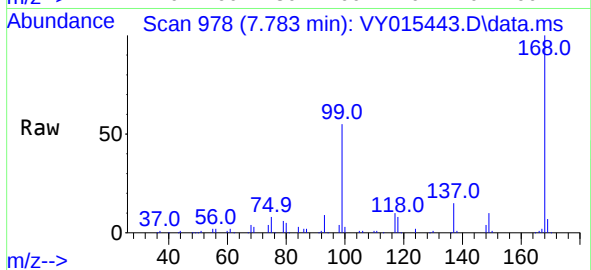
Tgt Ion: 75 Resp: 10928
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



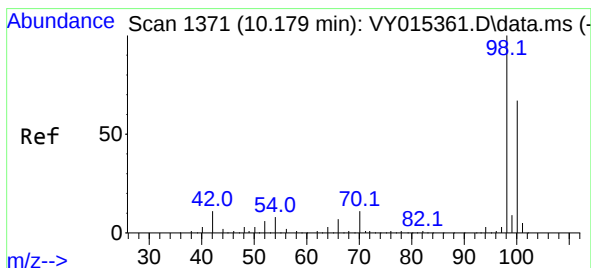
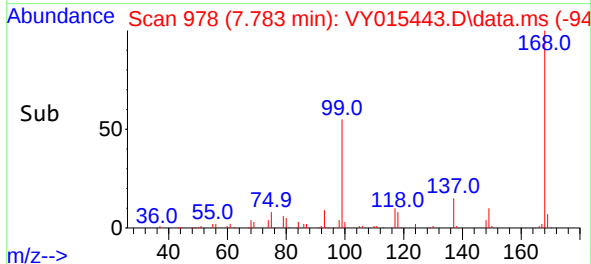
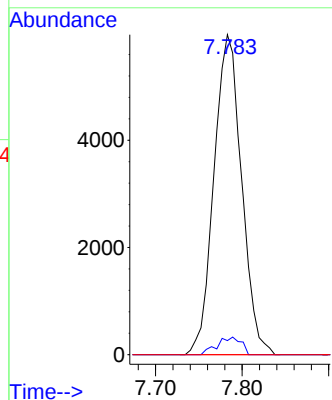


#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

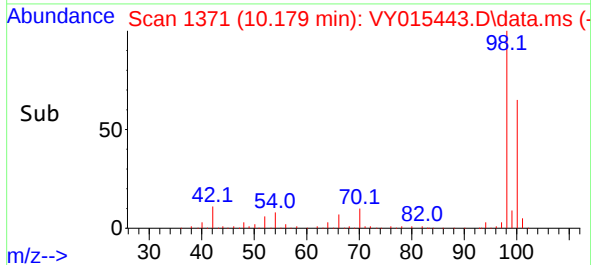
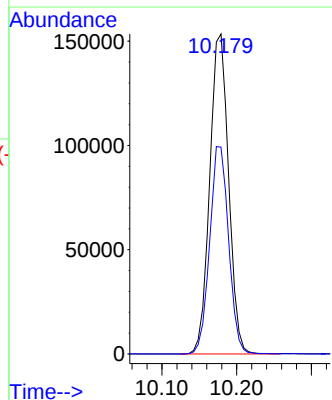
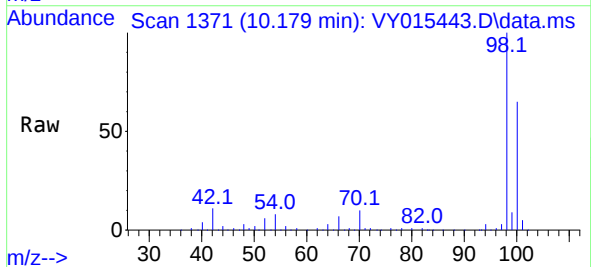


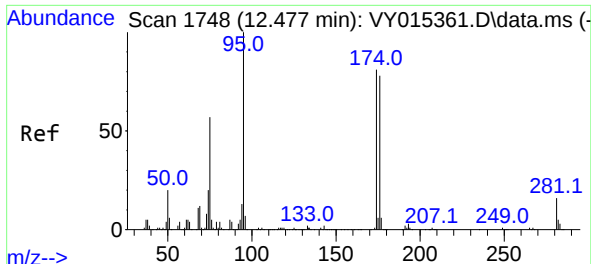
Tgt Ion:117 Resp: 13242
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Tgt Ion: 98 Resp: 268835
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

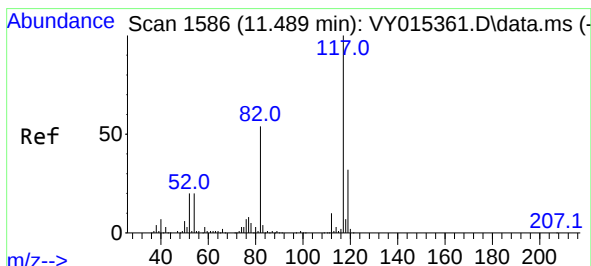
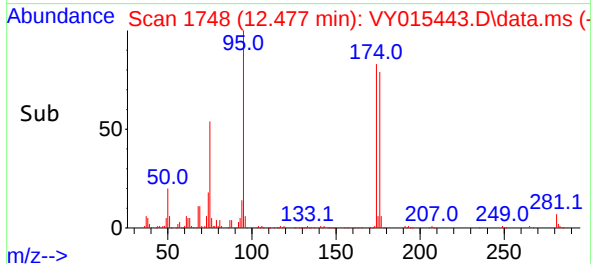
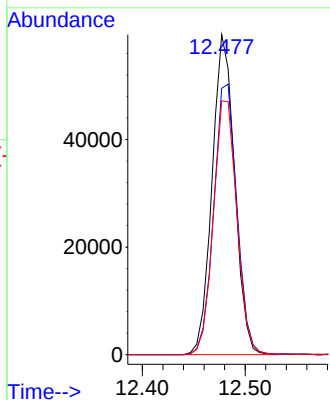
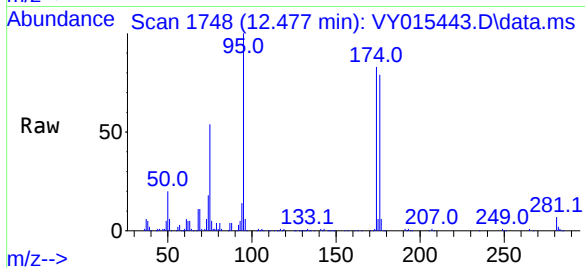




#62
4-Bromofluorobenzene
Concen: 50.542 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

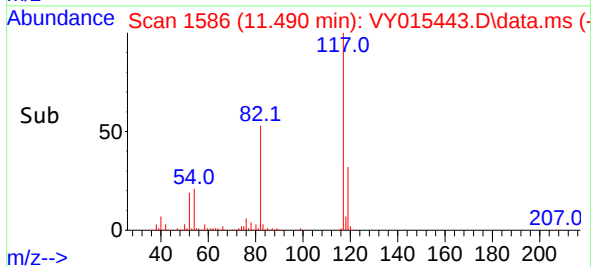
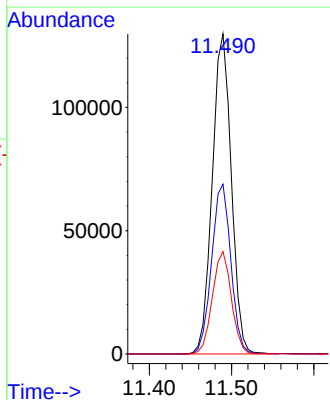
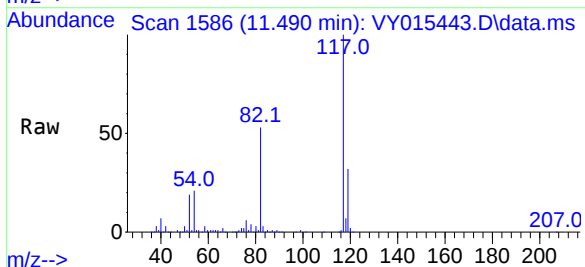
Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

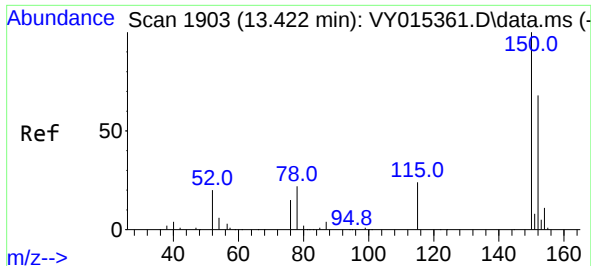
Tgt Ion: 95 Resp: 90297
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Tgt Ion: 117 Resp: 208967
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.0 26.3 39.5

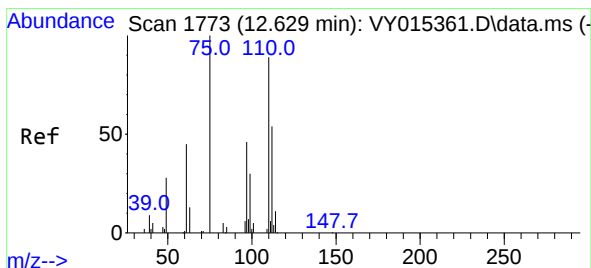
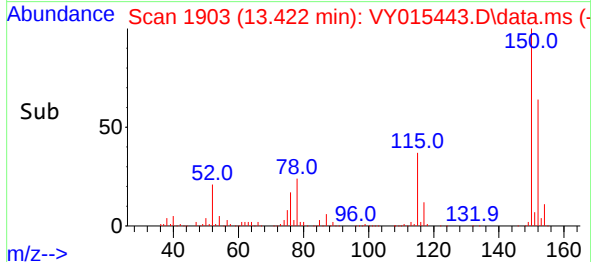
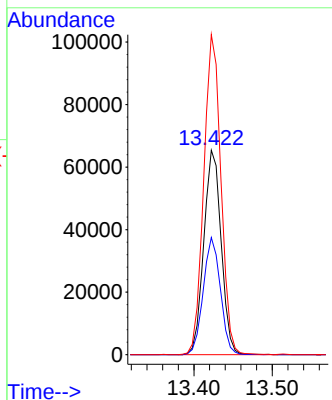
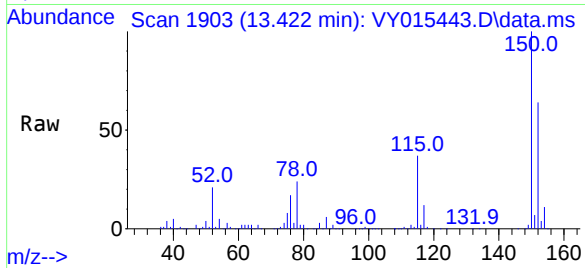




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

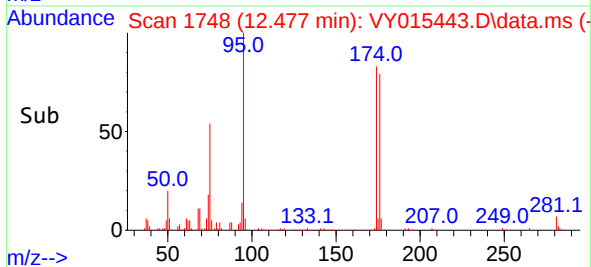
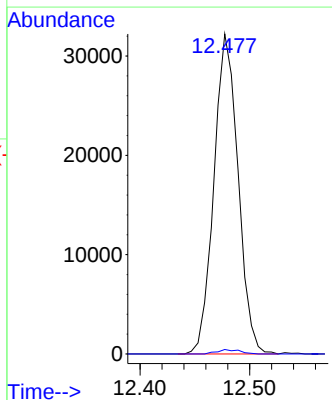
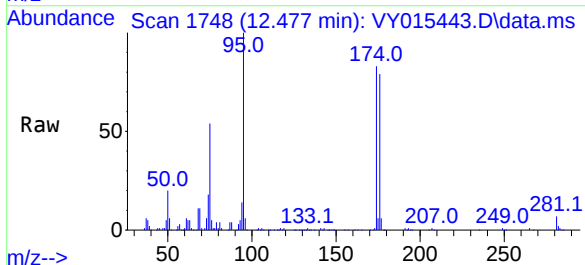
Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

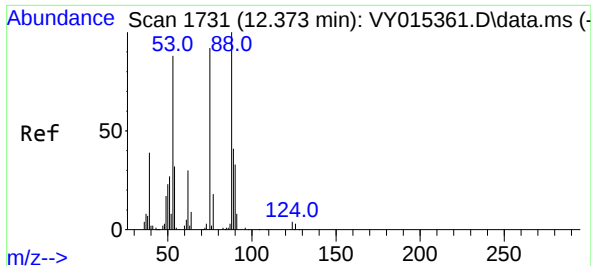
Tgt Ion:152 Resp: 100469
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 155.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 37.059 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

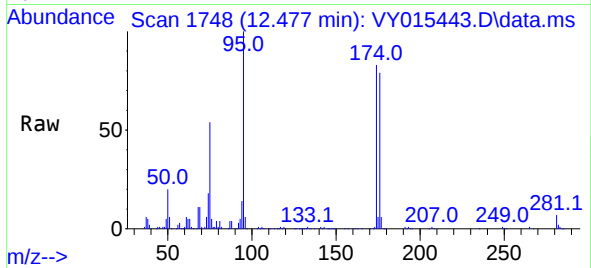
Tgt Ion: 75 Resp: 49375
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.749 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01



Tgt Ion:	75	Resp:	49375
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.2	37.4	56.0#

