

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010867.D
 Acq On : 07 Oct 2022 13:23
 Operator : KP/MD
 Sample : N5004-19RE
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22019-18RE

Quant Time: Oct 08 04:46:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

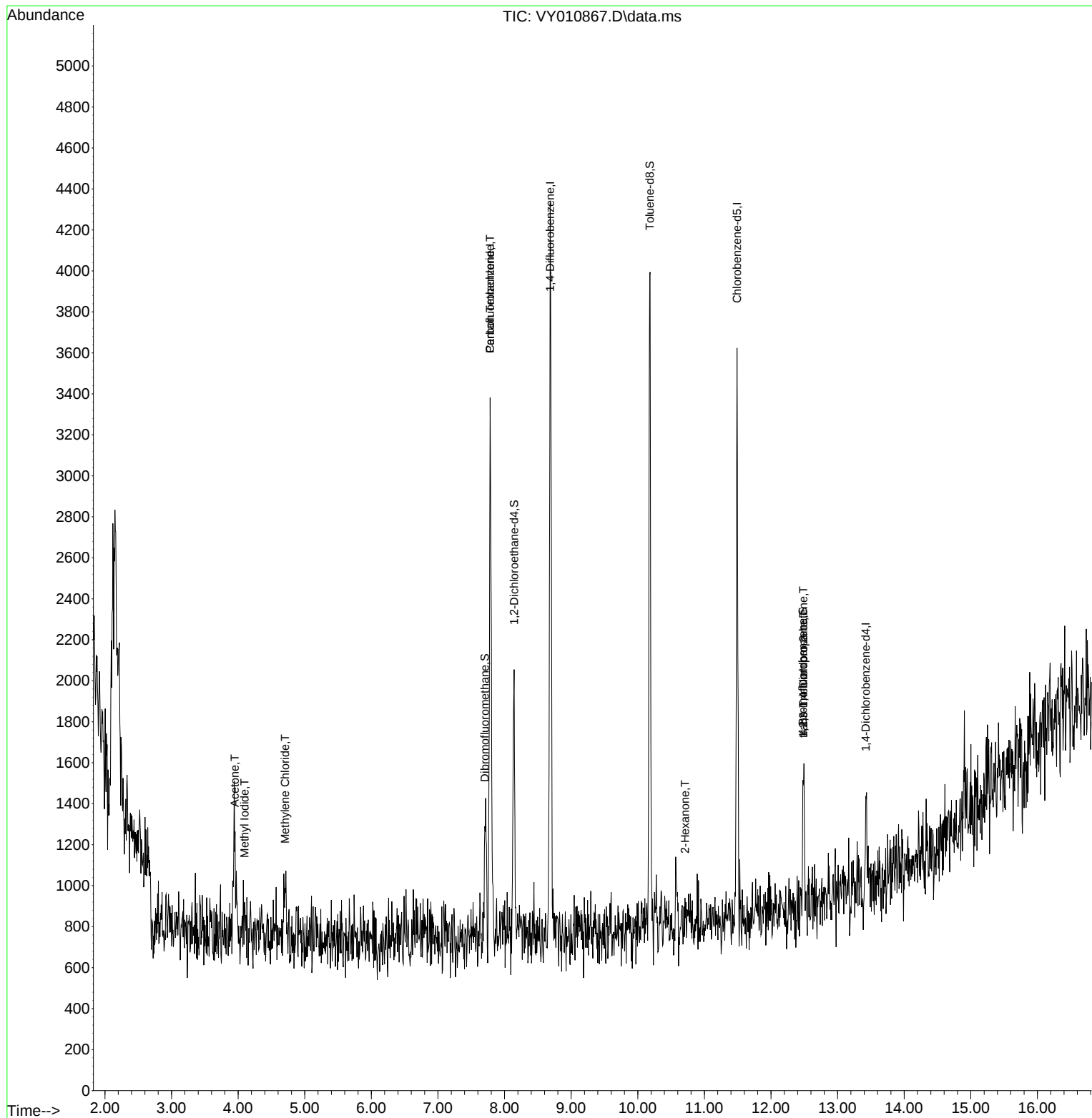
Internal Standards						
1) Pentafluorobenzene	7.783	168	2367	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	3733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1092	45.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.704	113	521	21.025	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.060%#
50) Toluene-d8	10.179	98	2561	30.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	60.440%
62) 4-Bromofluorobenzene	12.477	95	187	2.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	4.260%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	234	7.634	ug/l	# 35
16) Acetone	3.948	43	1054	172.972	ug/l	# 86
20) Methylene Chloride	4.704	84	258	4.960	ug/l	# 45
38) Carbon Tetrachloride	7.783	117	111	2.979	ug/l	# 11
59) 2-Hexanone	10.709	43	27	2.243	ug/l	# 28
76) 1,2,3-Trichloropropane	12.483	75	64	31.442	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	64	65.679	ug/l	# 7

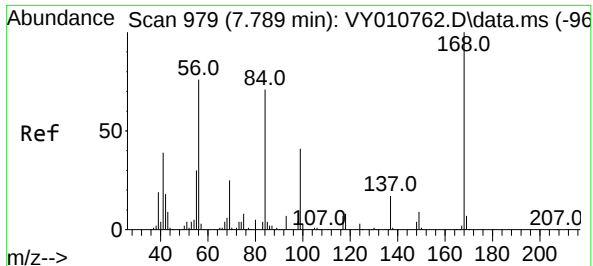
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
Data File : VY010867.D
Acq On : 07 Oct 2022 13:23
Operator : KP/MD
Sample : N5004-19RE
Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22019-18RE

Quant Time: Oct 08 04:46:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

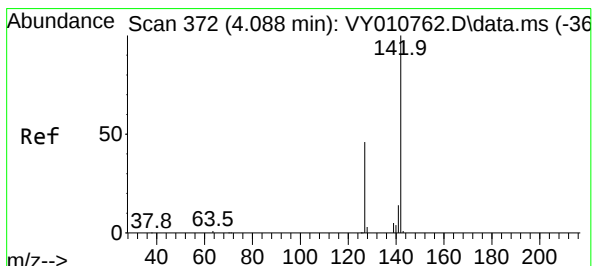
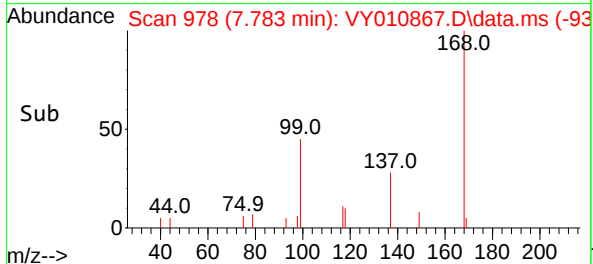
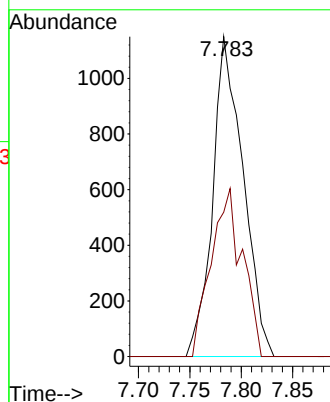
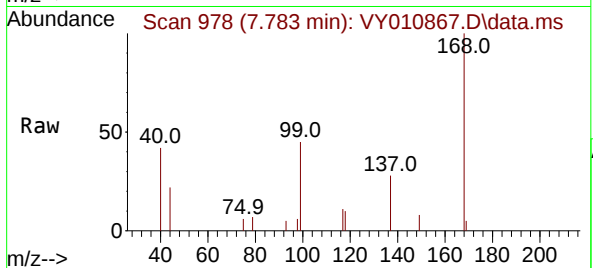




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

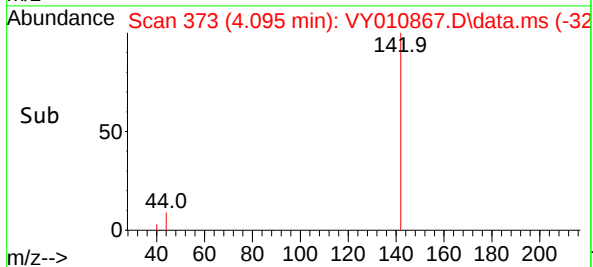
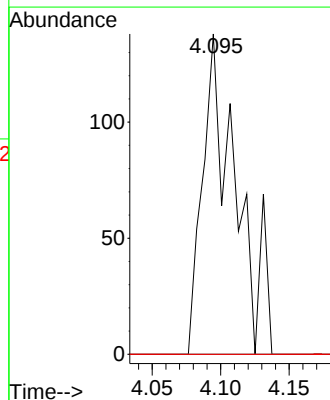
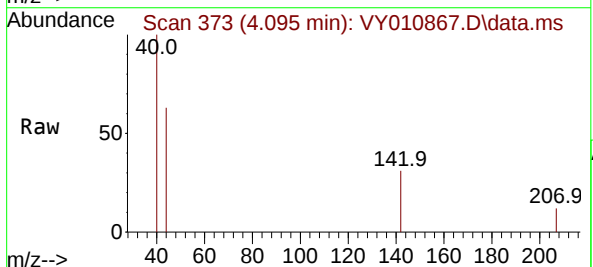
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18RE

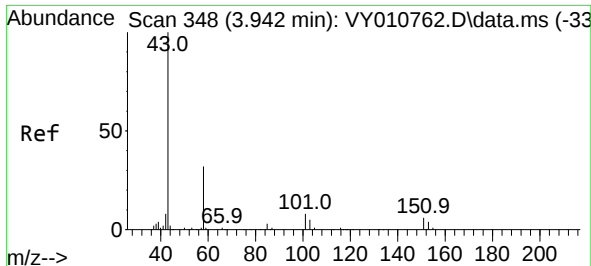
Tgt Ion:168 Resp: 2367
Ion Ratio Lower Upper
168 100
99 45.1 46.9 70.3#



#10
Methyl Iodide
Concen: 7.634 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

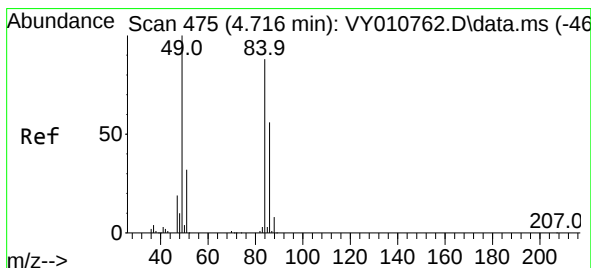
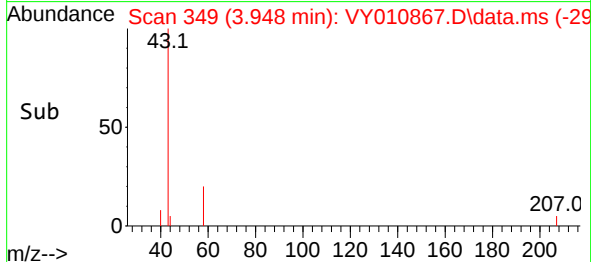
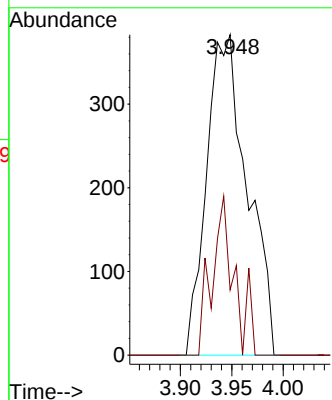
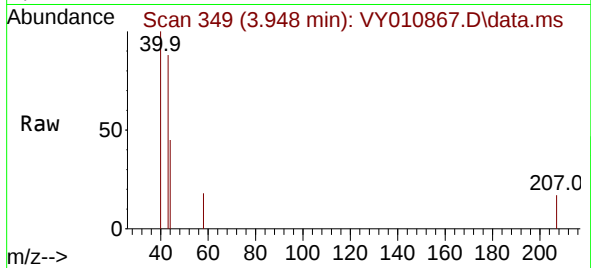




#16
Acetone
Concen: 172.972 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

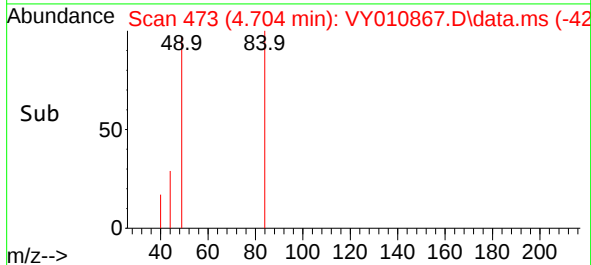
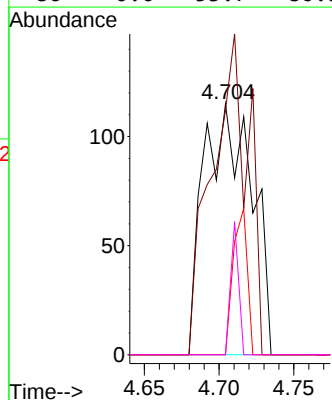
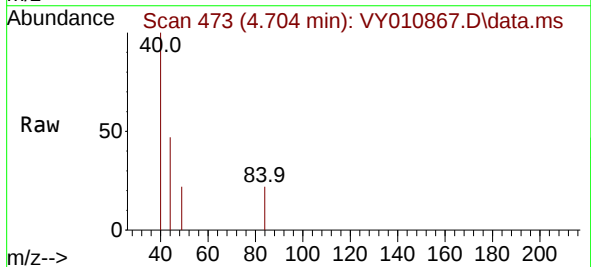
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18RE

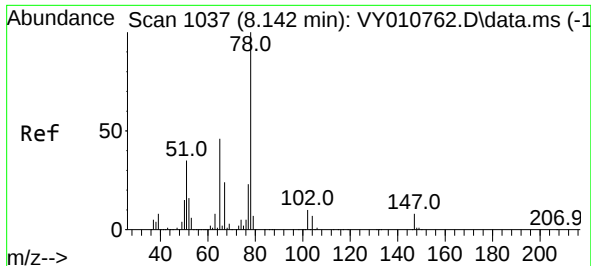
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 20.4 22.0 33.0#



#20
Methylene Chloride
Concen: 4.960 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 97.4 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 45.514 ug/l

RT: 8.143 min Scan# 1109

Delta R.T. 0.001 min

Lab File: VY010867.D

Acq: 07 Oct 2022 13:23

Instrument :

MSVOA_Y

ClientSampleId :

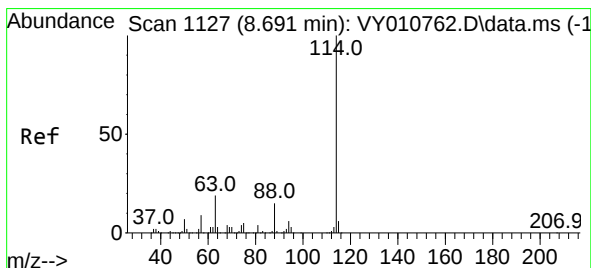
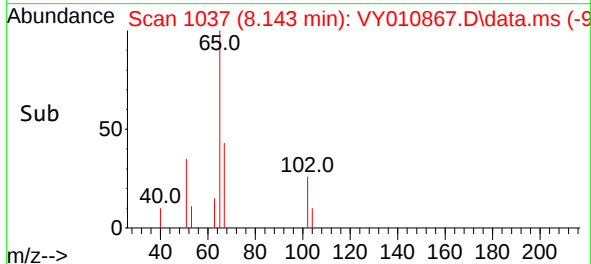
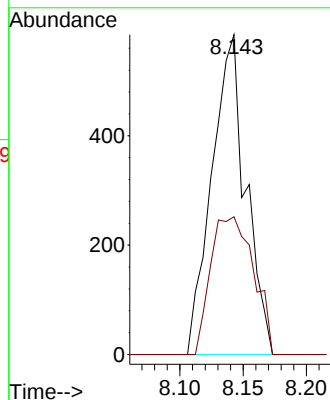
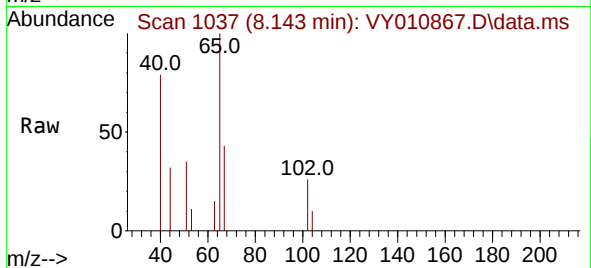
D22019-18RE

Tgt Ion: 65 Resp: 1092

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010867.D

Acq: 07 Oct 2022 13:23

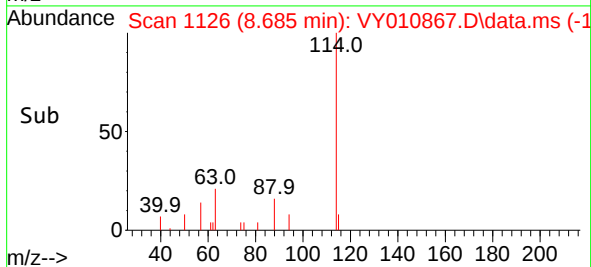
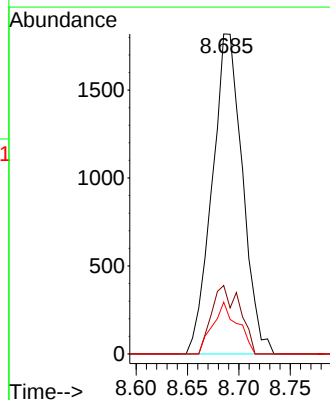
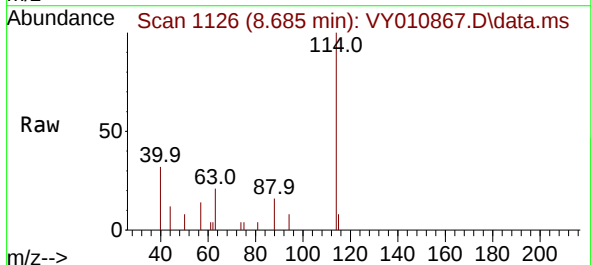
Tgt Ion: 114 Resp: 3733

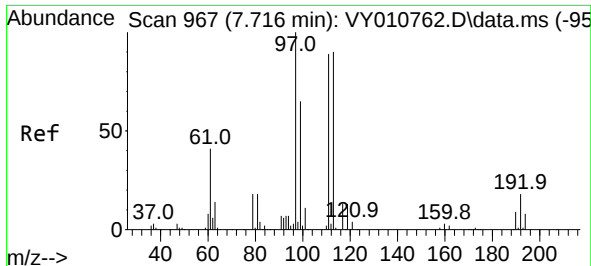
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 16.2 0.0 31.8

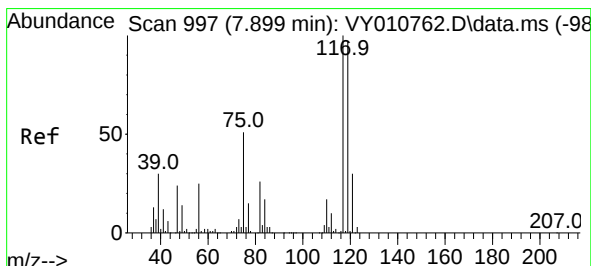
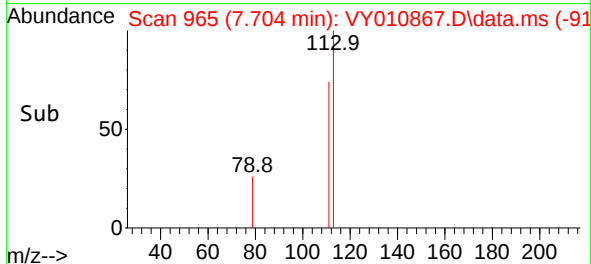
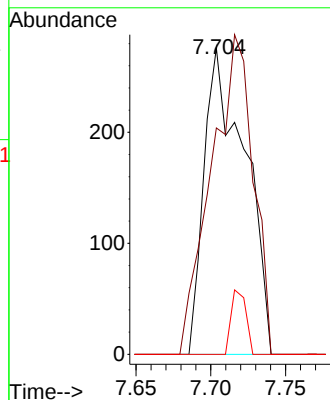
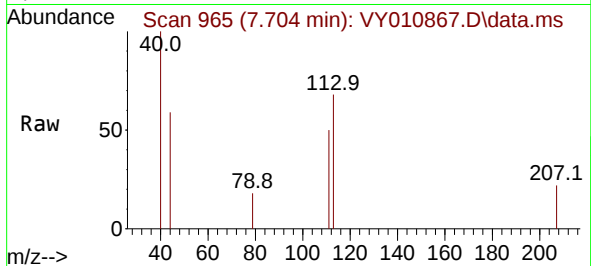




#35
Dibromofluoromethane
Concen: 21.025 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

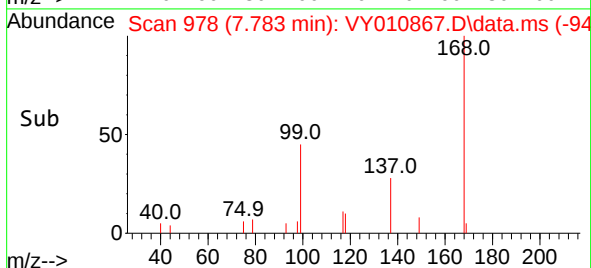
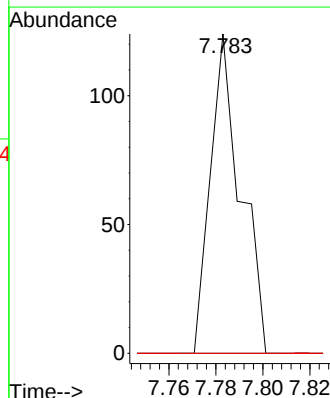
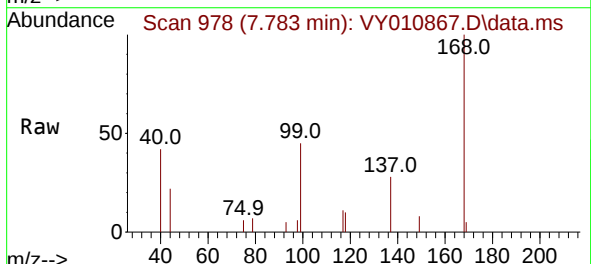
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18RE

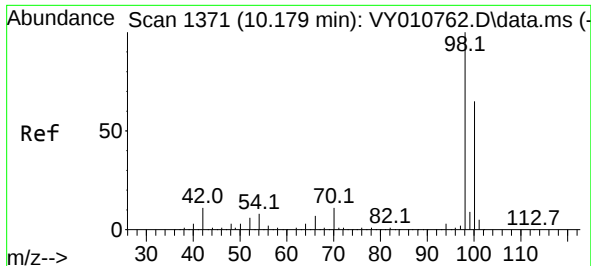
Tgt Ion:113 Resp: 521
Ion Ratio Lower Upper
113 100
111 106.9 82.6 124.0
192 7.7 17.6 26.4#



#38
Carbon Tetrachloride
Concen: 2.979 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

Tgt Ion:117 Resp: 111
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

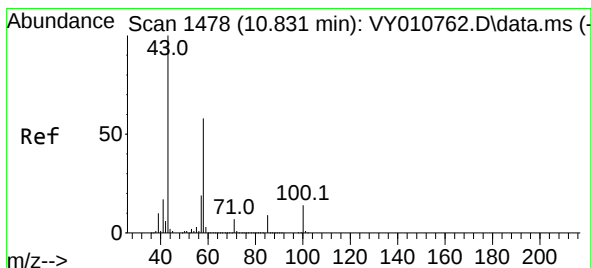
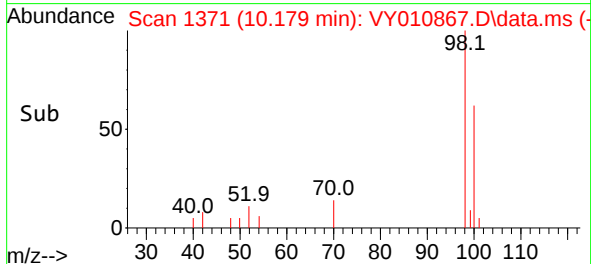
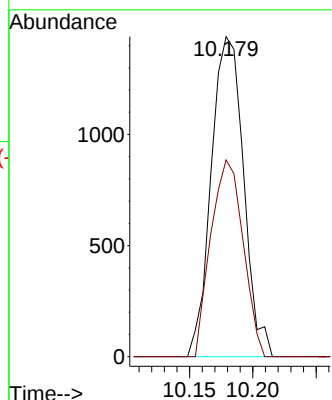
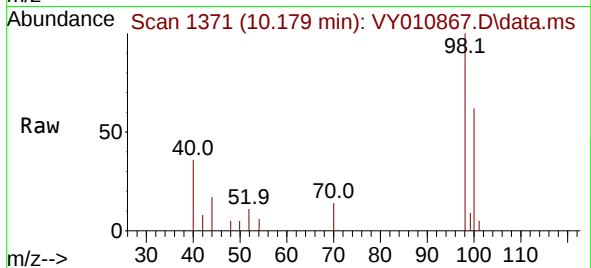




#50
Toluene-d8
Concen: 30.220 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

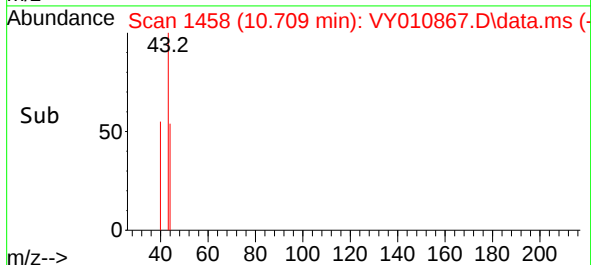
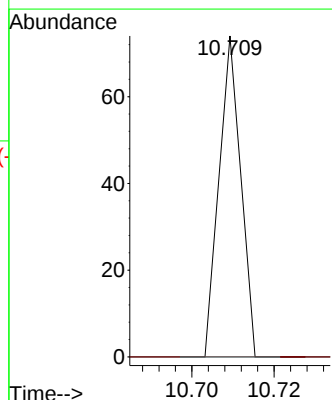
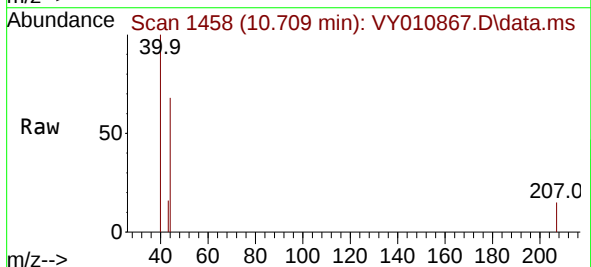
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18RE

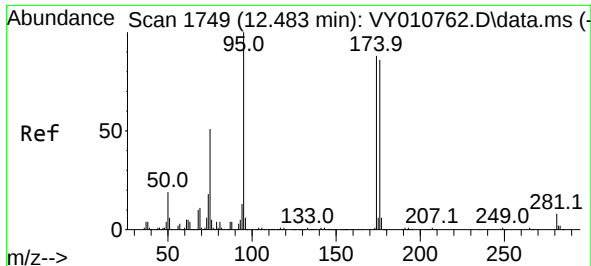
Tgt Ion: 98 Resp: 2561
Ion Ratio Lower Upper
98 100
100 61.1 50.2 75.2



#59
2-Hexanone
Concen: 2.243 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.122 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

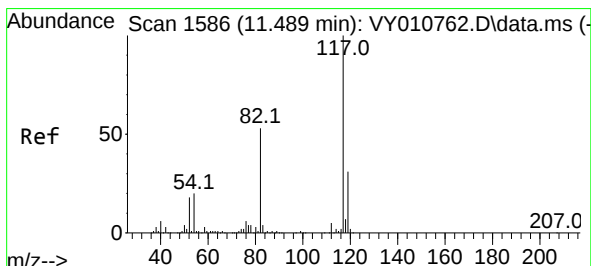
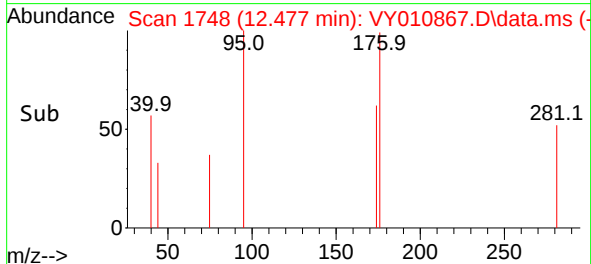
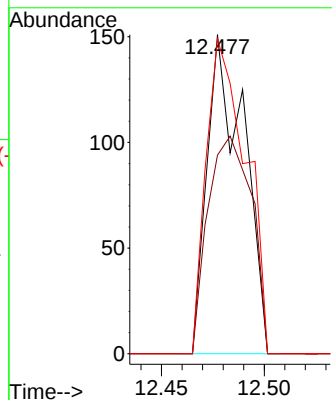
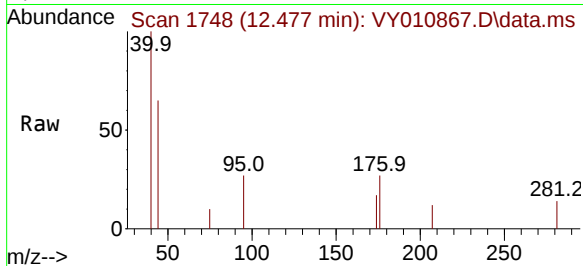




#62
4-Bromofluorobenzene
Concen: 2.125 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

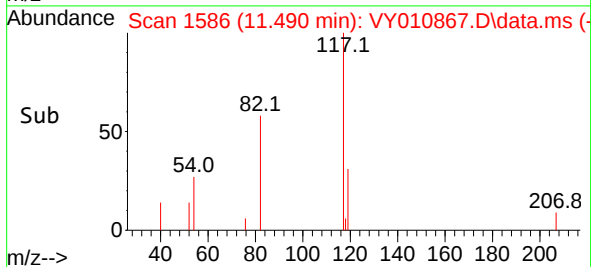
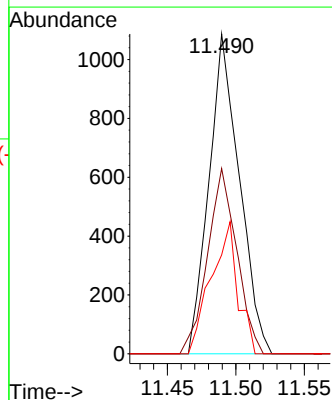
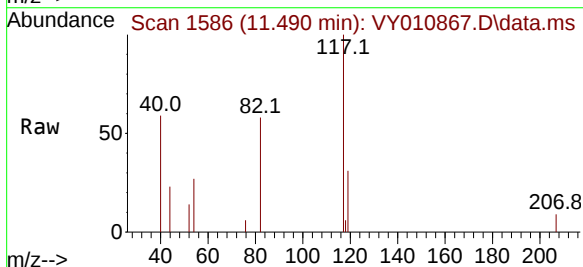
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18RE

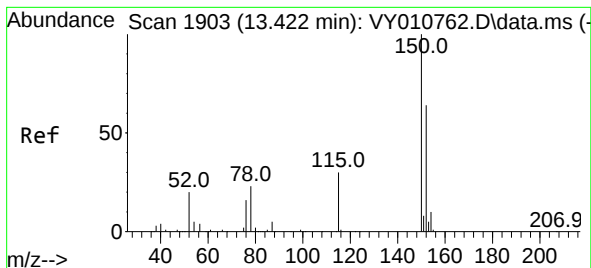
Tgt Ion: 95 Resp: 187
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 106.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010867.D
Acq: 07 Oct 2022 13:23

Tgt Ion: 117 Resp: 1676
Ion Ratio Lower Upper
117 100
82 58.0 43.0 64.4
119 30.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010867.D

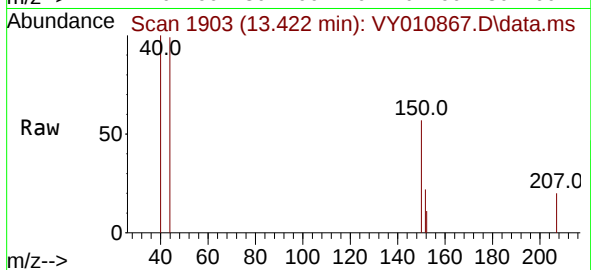
Acq: 07 Oct 2022 13:23

Instrument :

MSVOA_Y

ClientSampleId :

D22019-18RE



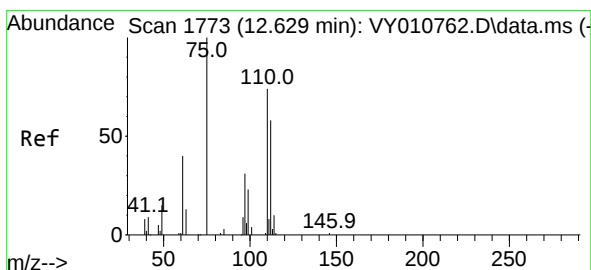
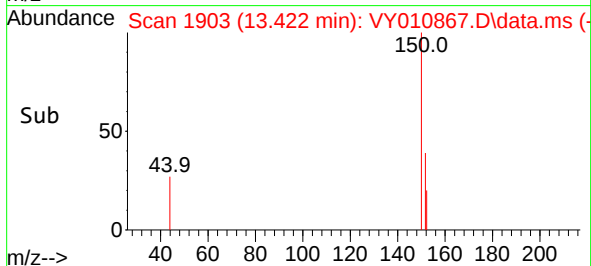
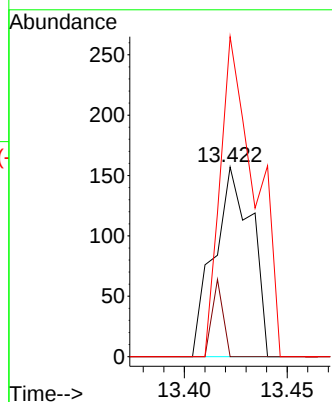
Tgt Ion:152 Resp: 201

Ion Ratio Lower Upper

152 100

115 11.4 28.2 84.7#

150 156.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 31.442 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY010867.D

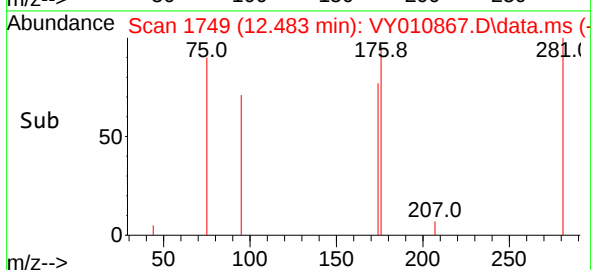
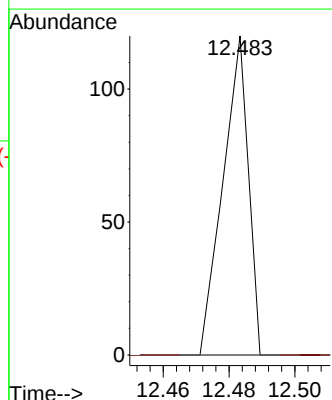
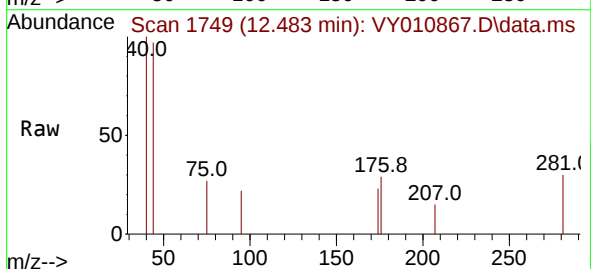
Acq: 07 Oct 2022 13:23

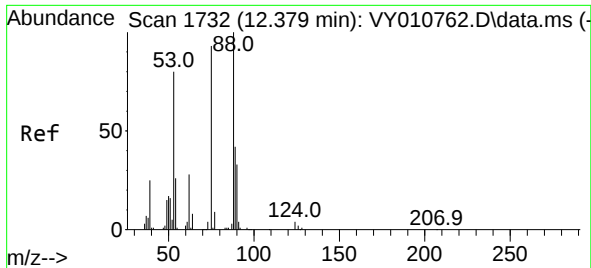
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.679 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010867.D
 Acq: 07 Oct 2022 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22019-18RE

Tgt Ion: 75 Resp: 64
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

