

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011281.D
 Acq On : 03 Nov 2022 12:27
 Operator : KP/MD
 Sample : N5337-05RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Quant Time: Nov 03 14:30:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

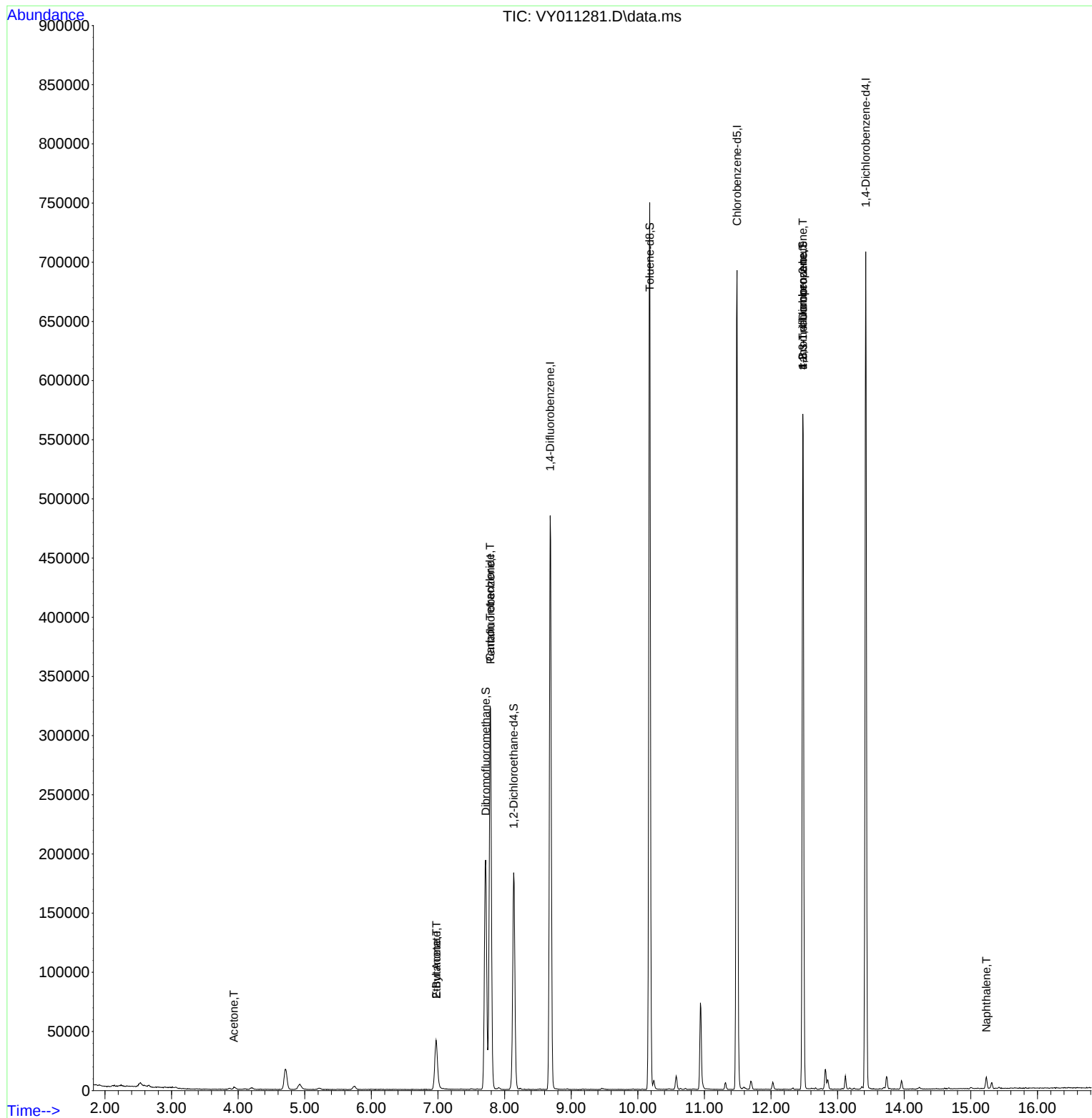
Internal Standards						
1) Pentafluorobenzene	7.789	168	259746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	435267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	395828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136569	49.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.716	113	143125	51.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.360%
50) Toluene-d8	10.179	98	504269	46.442	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.477	95	180027	47.759	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.520%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	239	Below Cal	Qvalue	98
11) Tert butyl alcohol	4.924	59	4757	Below Cal	#	77
16) Acetone	3.936	43	3390	4.043	ug/l #	74
20) Methylene Chloride	4.710	84	14508	Below Cal	#	75
25) 2-Butanone	6.978	43	2768	2.346	ug/l	91
37) Ethyl Acetate	6.978	43	2768	1.124	ug/l #	1
38) Carbon Tetrachloride	7.783	117	25264	5.332	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	87168	38.159	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	87168	81.665	ug/l #	7
95) Naphthalene	15.233	128	8689	4.926	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
Data File : VY011281.D
Acq On : 03 Nov 2022 12:27
Operator : KP/MD
Sample : N5337-05RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

Quant Time: Nov 03 14:30:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration

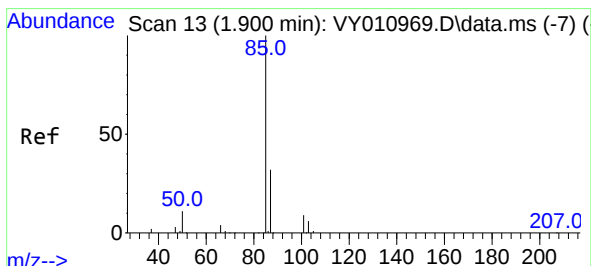
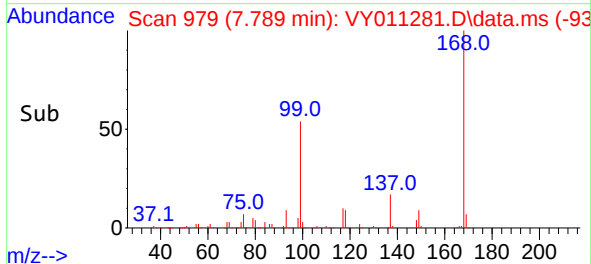
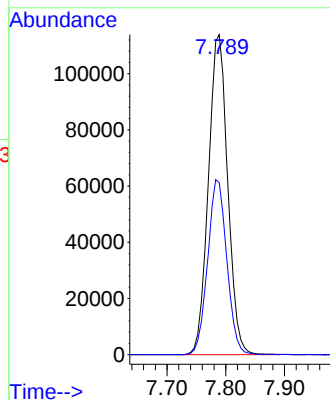
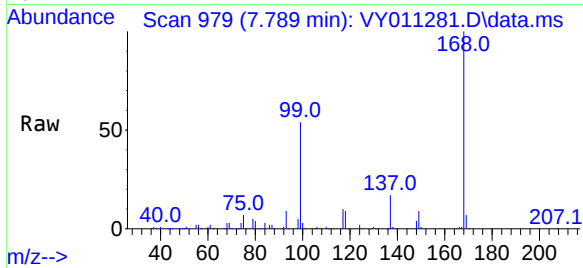




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

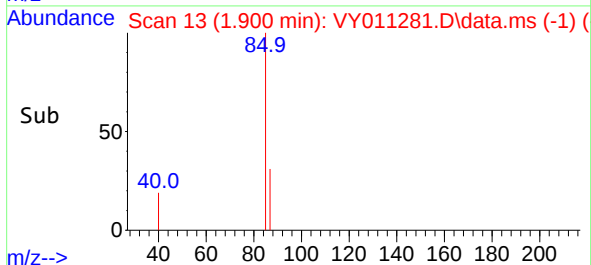
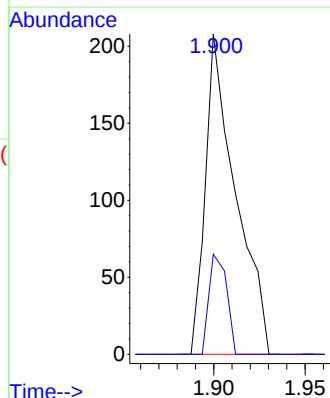
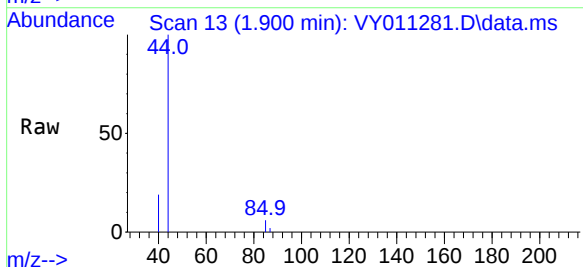
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

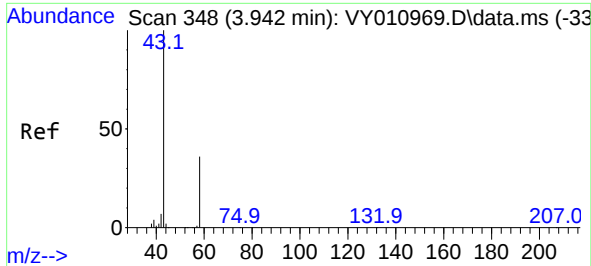
Tgt Ion:168 Resp: 259746
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Tgt Ion: 85 Resp: 239
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





#16

Acetone

Concen: 4.043 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY011281.D

Acq: 03 Nov 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

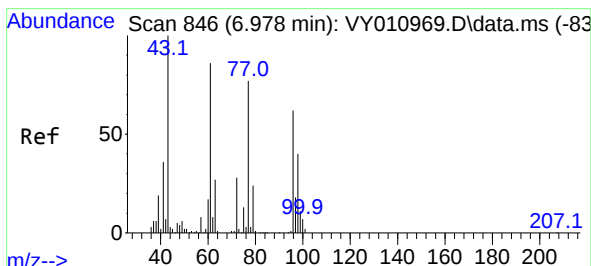
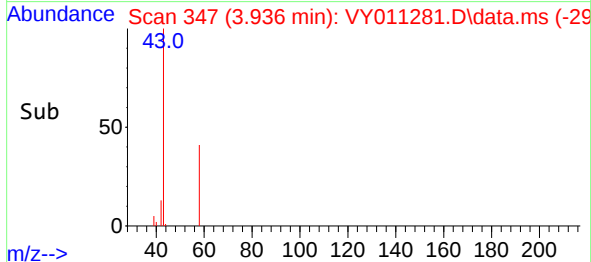
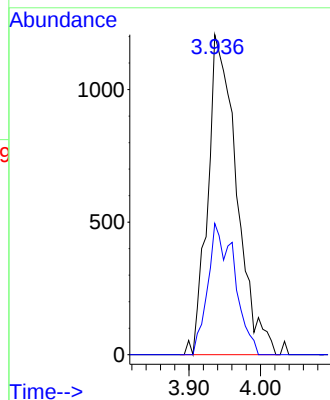
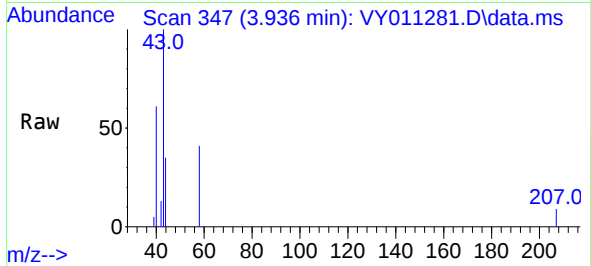
SB-03-14.5-15.0

Tgt Ion: 43 Resp: 3390

Ion Ratio Lower Upper

43 100

58 41.0 22.0 33.0#



#25

2-Butanone

Concen: 2.346 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011281.D

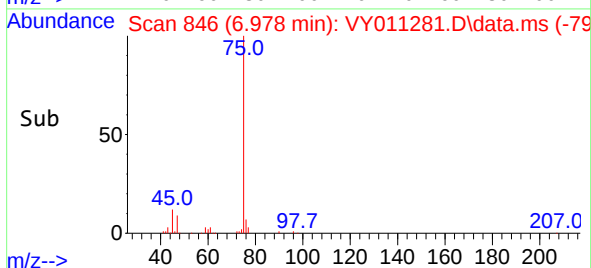
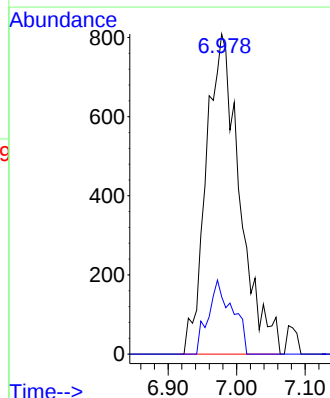
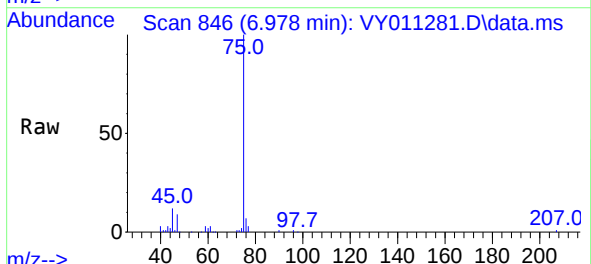
Acq: 03 Nov 2022 12:27

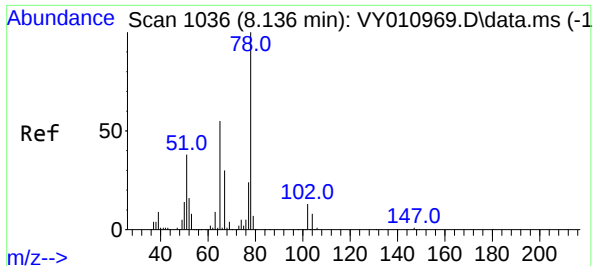
Tgt Ion: 43 Resp: 2768

Ion Ratio Lower Upper

43 100

72 17.9 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011281.D

Acq: 03 Nov 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

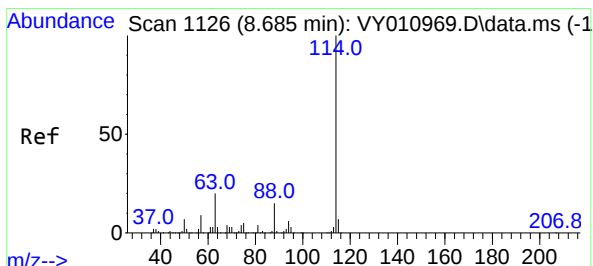
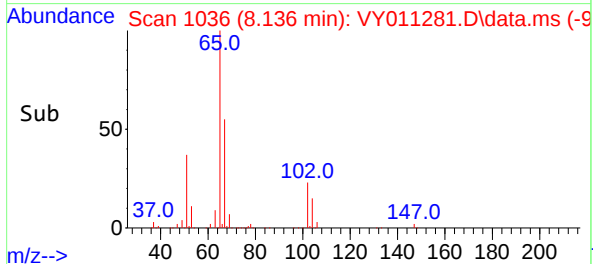
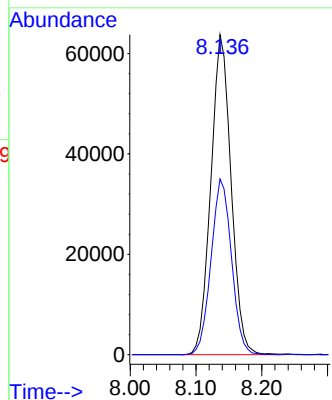
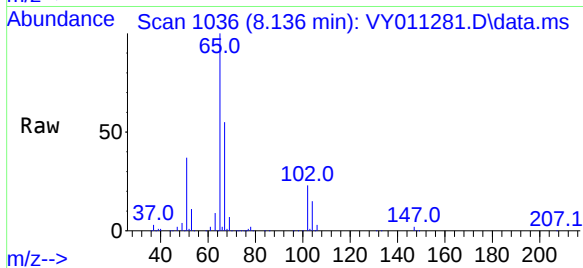
SB-03-14.5-15.0

Tgt Ion: 65 Resp: 136569

Ion Ratio Lower Upper

65 100

67 55.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011281.D

Acq: 03 Nov 2022 12:27

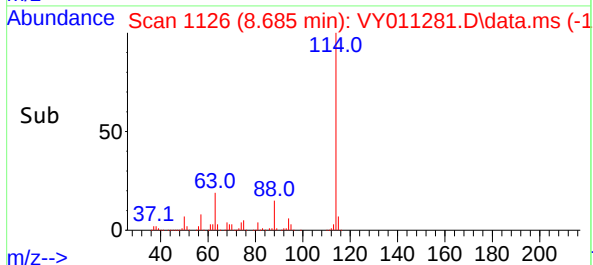
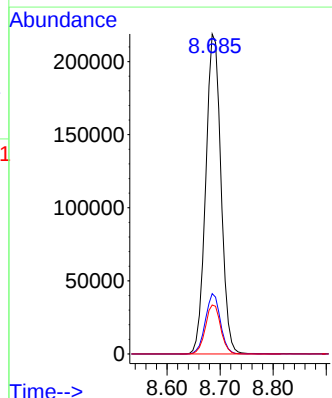
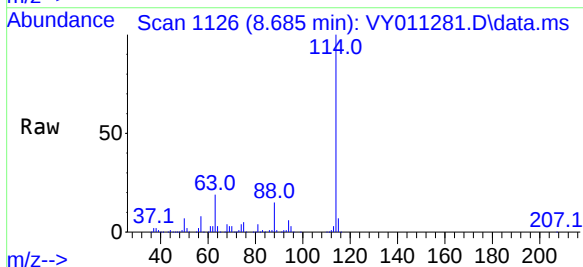
Tgt Ion: 114 Resp: 435267

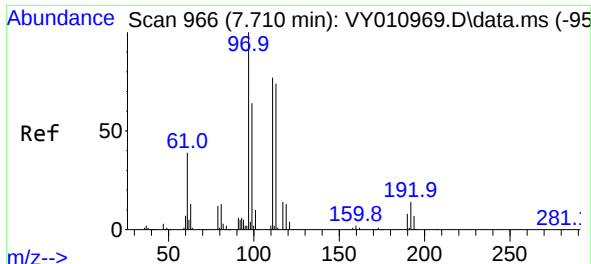
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.3 0.0 31.8

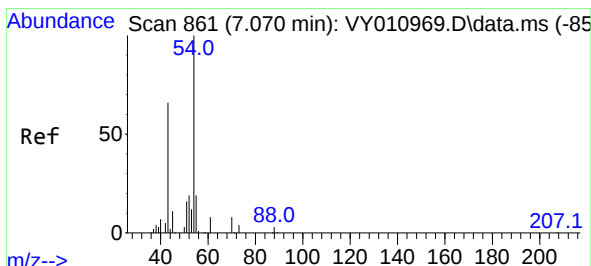
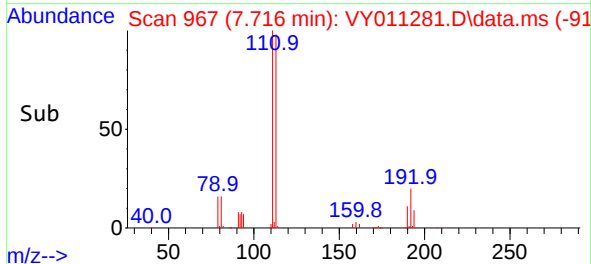
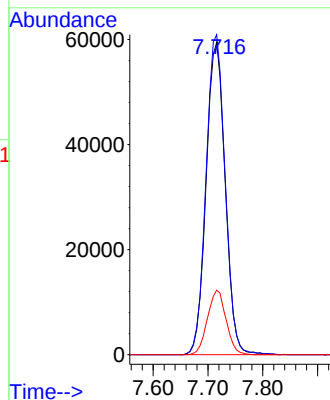
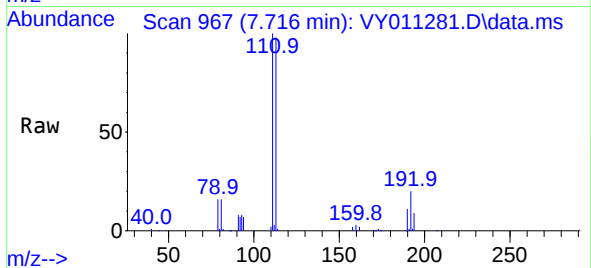




#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

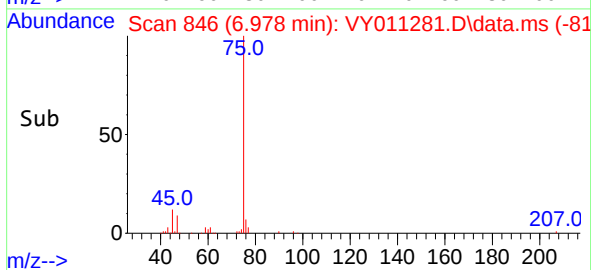
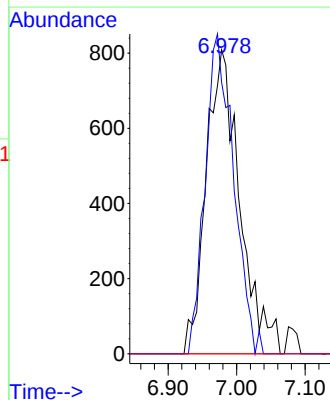
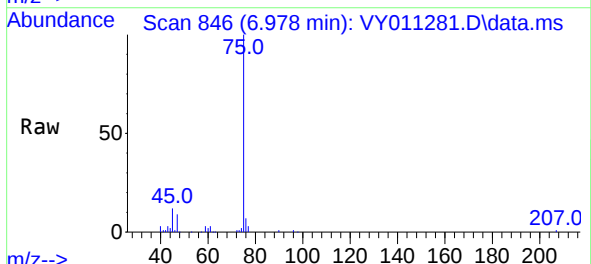
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

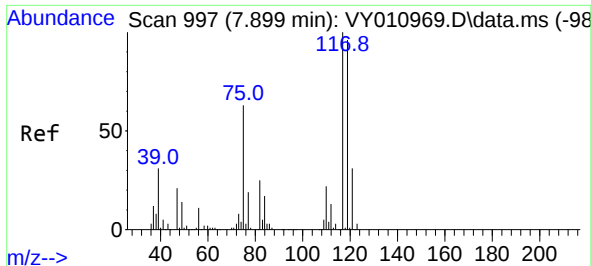
Tgt Ion:113 Resp: 143125
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.1 17.6 26.4



#37
Ethyl Acetate
Concen: 1.124 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
61 88.3 9.7 14.5#
70 0.0 7.1 10.7#

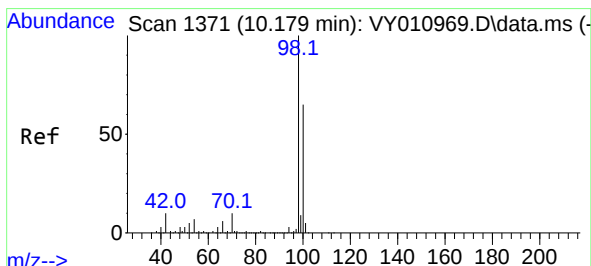
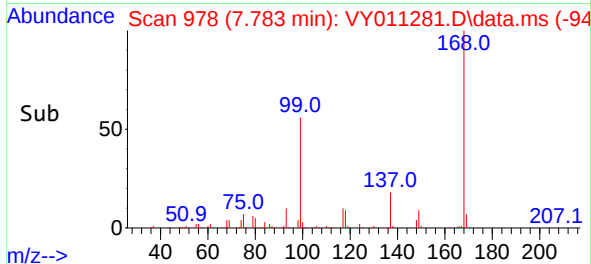
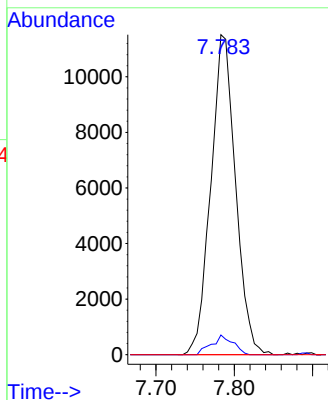
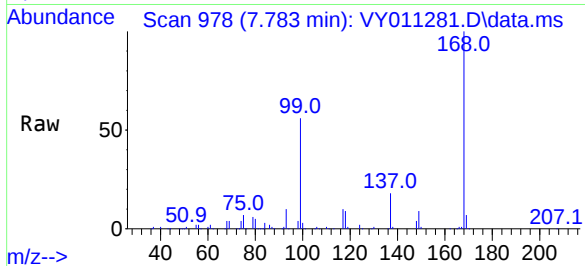




#38
Carbon Tetrachloride
Concen: 5.332 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

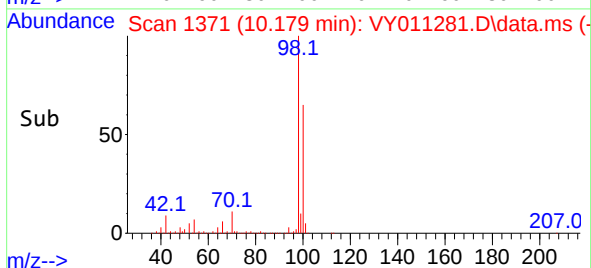
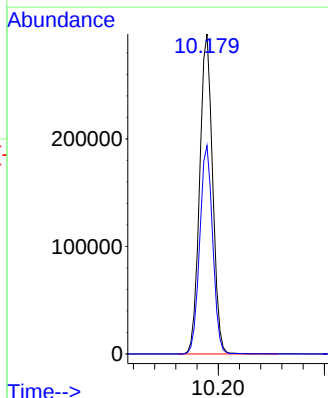
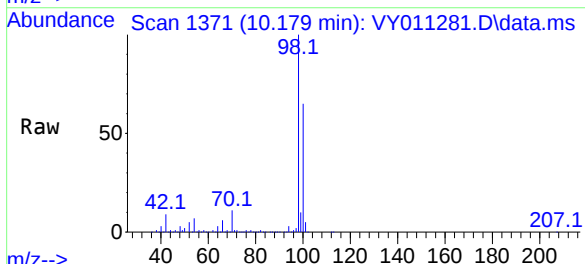
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

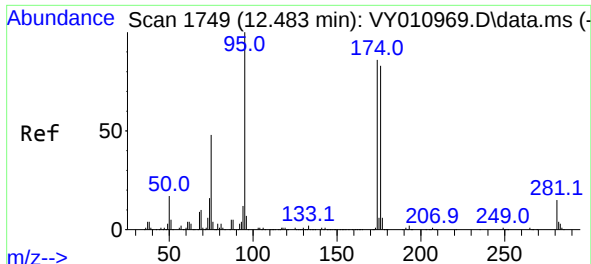
Tgt Ion:117 Resp: 25264
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.442 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Tgt Ion: 98 Resp: 504269
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

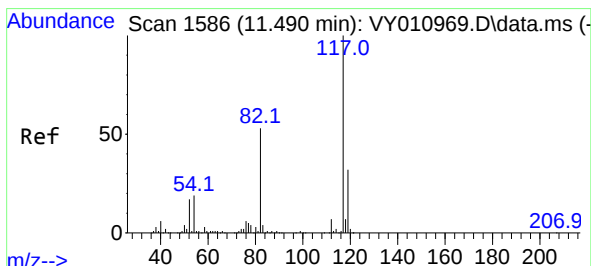
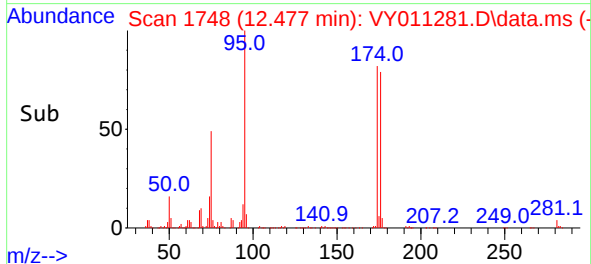
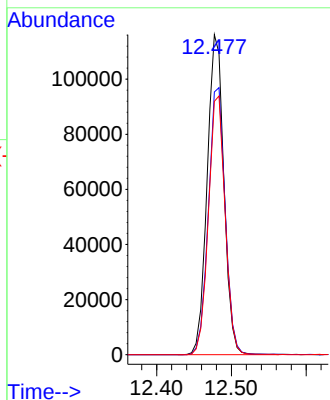
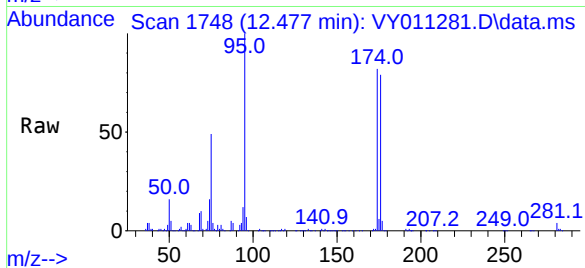




#62
4-Bromofluorobenzene
Concen: 47.759 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

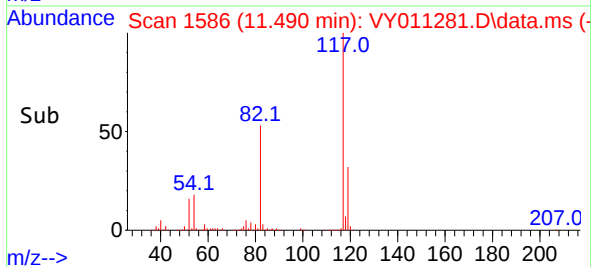
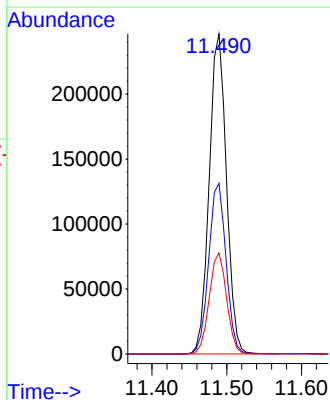
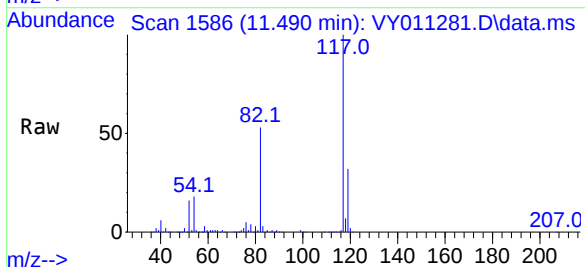
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

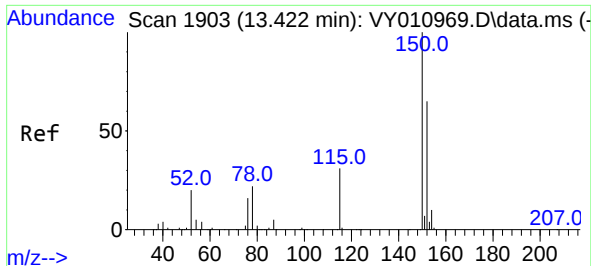
Tgt Ion: 95 Resp: 180027
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Tgt Ion: 117 Resp: 395828
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.5 25.4 38.0

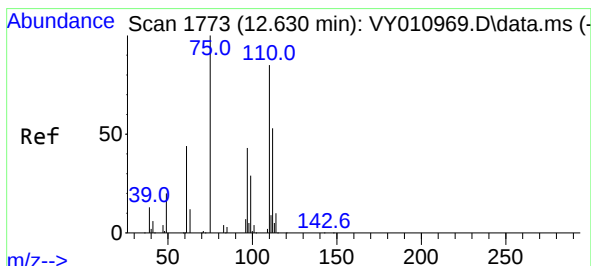
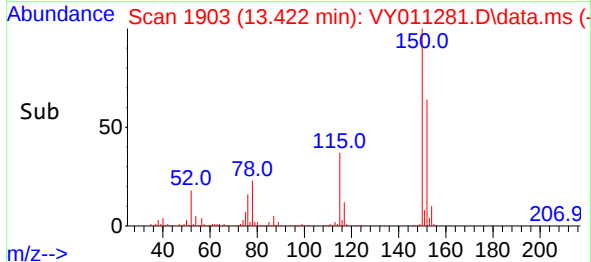
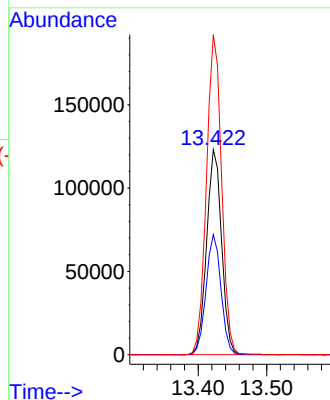
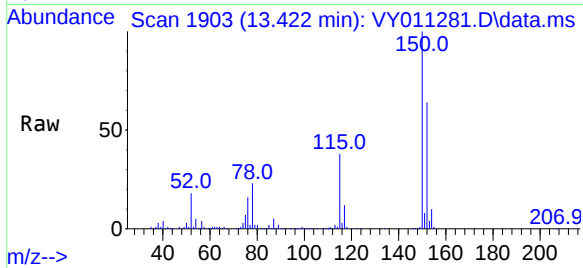




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

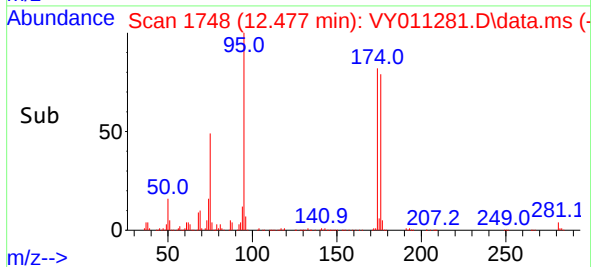
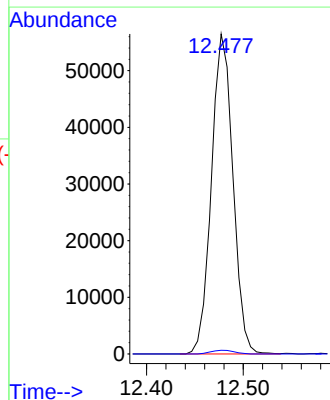
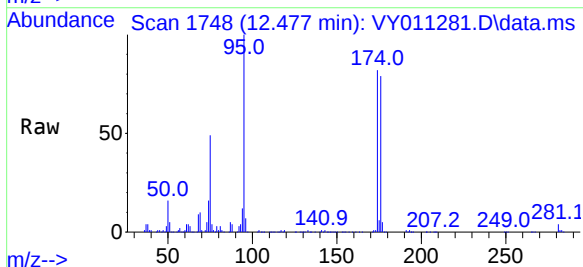
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

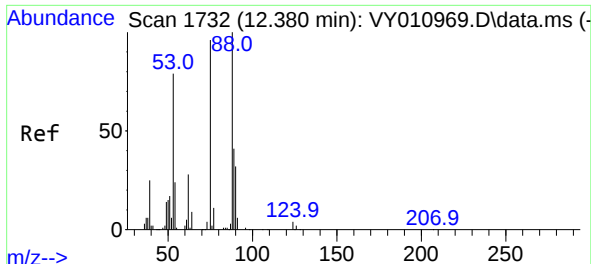
Tgt Ion:152 Resp: 187639
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.159 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Tgt Ion: 75 Resp: 87168
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

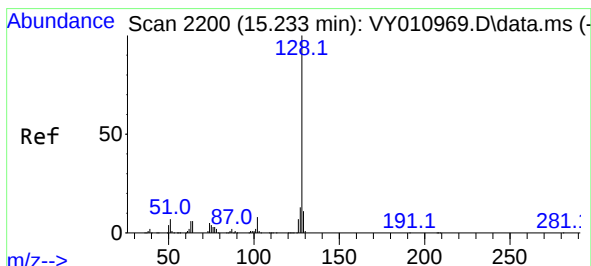
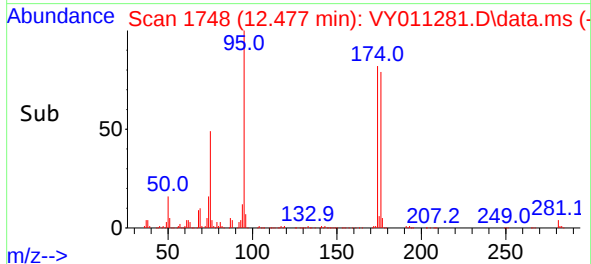
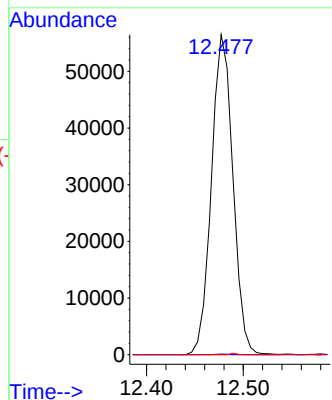
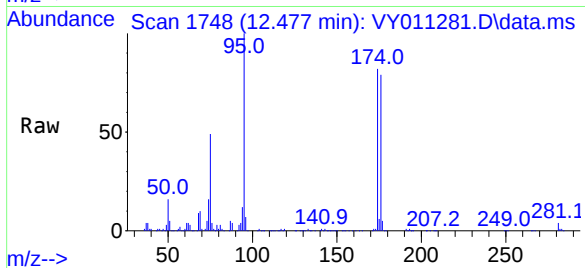




#81
trans-1,4-Dichloro-2-butene
Concen: 81.665 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

Tgt Ion: 75 Resp: 87168
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.926 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011281.D
Acq: 03 Nov 2022 12:27

Tgt Ion: 128 Resp: 8689
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.9 8.4 12.6

