

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011410.D
 Acq On : 11 Nov 2022 12:01
 Operator : KP/MD
 Sample : N5561-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-25

Quant Time: Nov 11 13:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

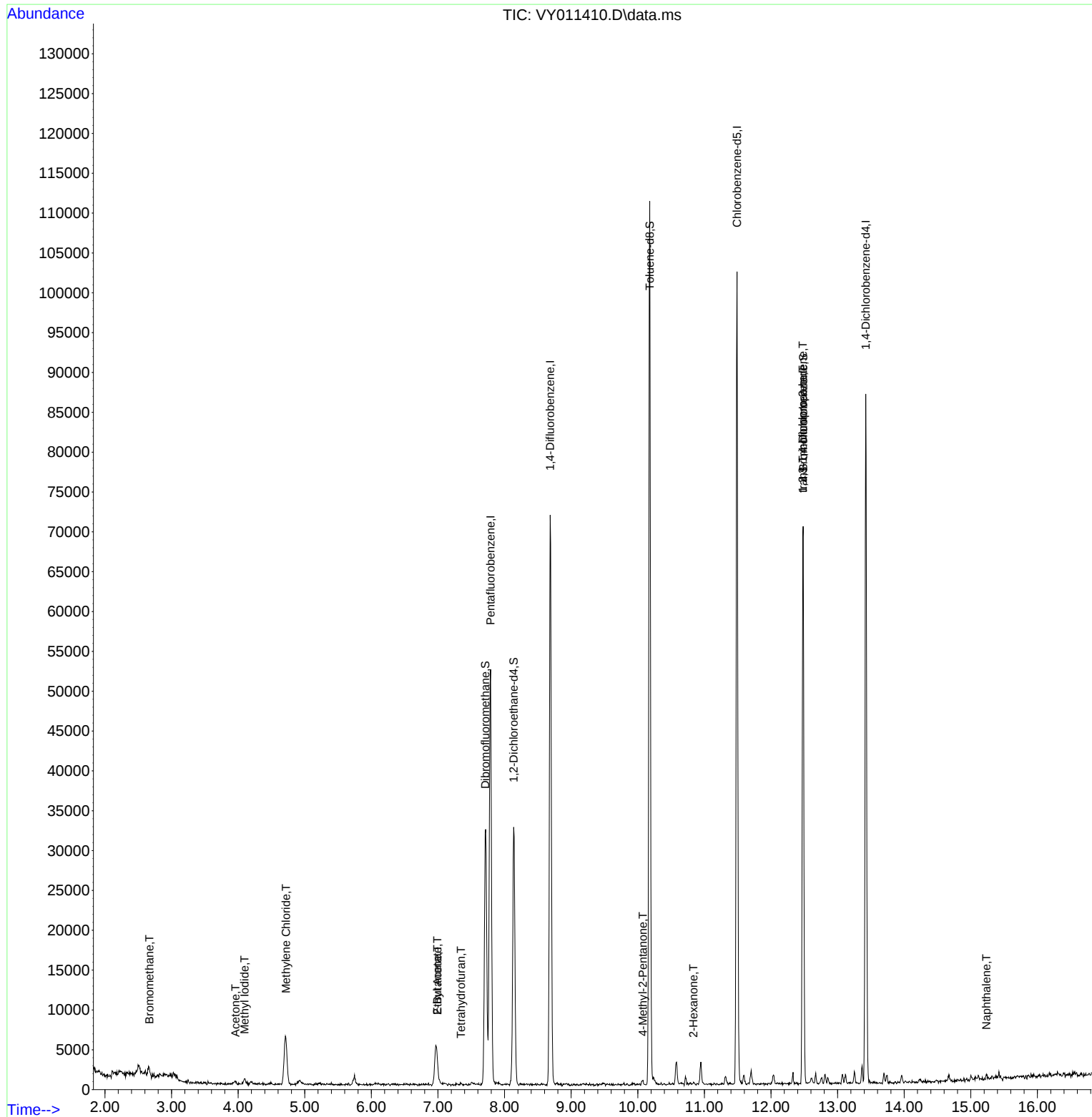
Internal Standards						
1) Pentafluorobenzene	7.789	168	42466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	65175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	25271	71.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.040%	
35) Dibromofluoromethane	7.710	113	23929	65.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.020%	
50) Toluene-d8	10.179	98	77662	55.656	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.320%	
62) 4-Bromofluorobenzene	12.483	95	22862	46.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	70	Below Cal	#	43
5) Bromomethane	2.668	94	564	1.936	ug/l	88
10) Methyl Iodide	4.095	142	1145	2.231	ug/l #	76
11) Tert butyl alcohol	4.930	59	616	Below Cal	#	77
16) Acetone	3.960	43	575	6.123	ug/l	91
20) Methylene Chloride	4.716	84	5362	3.544	ug/l #	71
25) 2-Butanone	6.990	43	623	4.658	ug/l #	54
29) Tetrahydrofuran	7.344	42	145	1.790	ug/l #	38
37) Ethyl Acetate	6.990	43	623	2.288	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	503	1.904	ug/l	94
59) 2-Hexanone	10.837	43	219	1.170	ug/l	95
76) 1,2,3-Trichloropropane	12.477	75	10679	37.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10679	91.037	ug/l #	7
95) Naphthalene	15.233	128	586	3.869	ug/l #	79

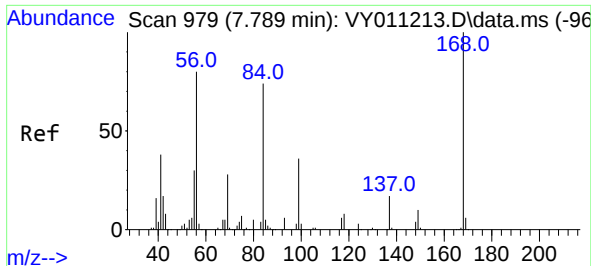
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011410.D
Acq On : 11 Nov 2022 12:01
Operator : KP/MD
Sample : N5561-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-25

Quant Time: Nov 11 13:33:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

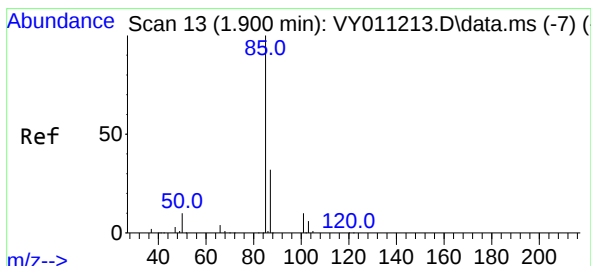
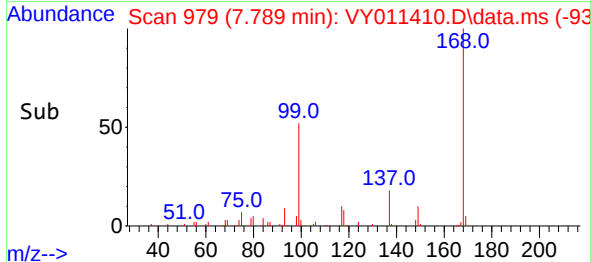
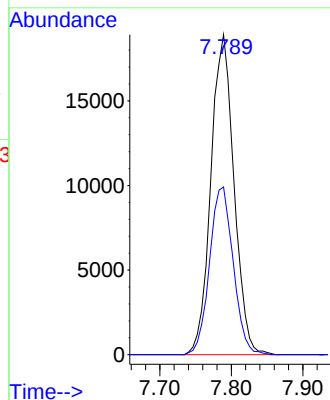
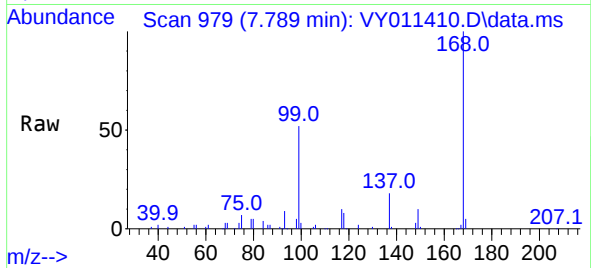




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

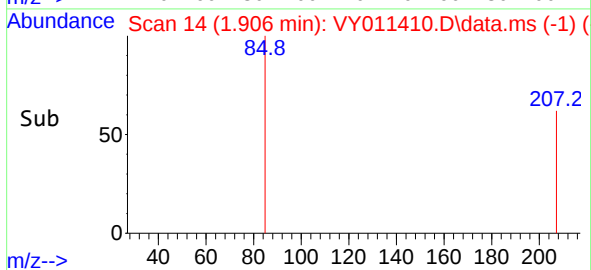
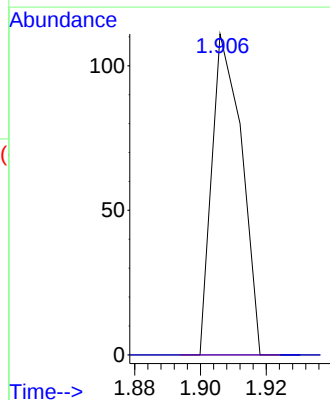
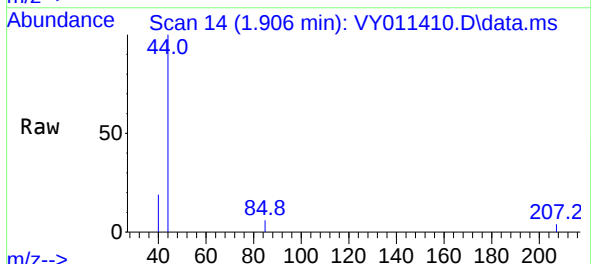
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

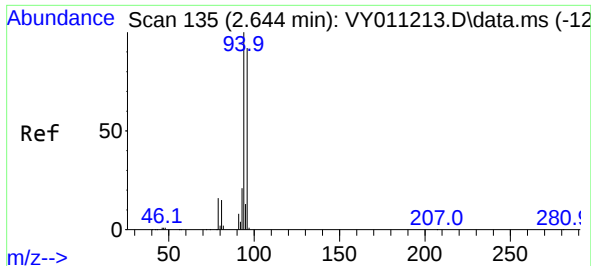
Tgt Ion:168 Resp: 42466
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 85 Resp: 70
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

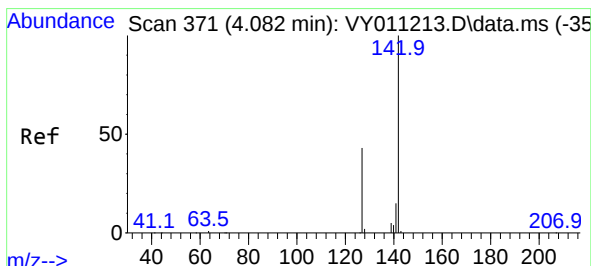
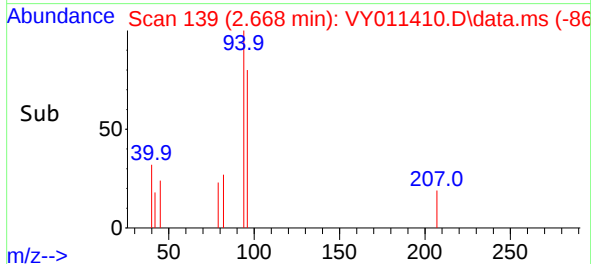
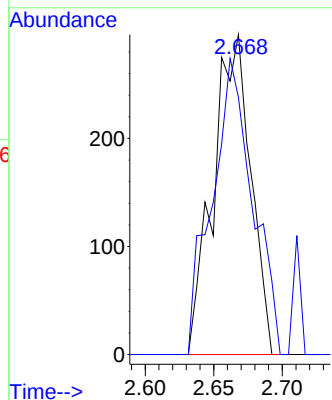
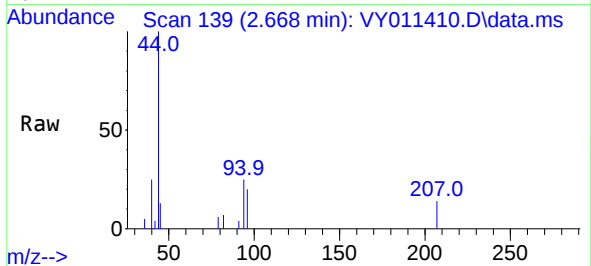




#5
Bromomethane
Concen: 1.936 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

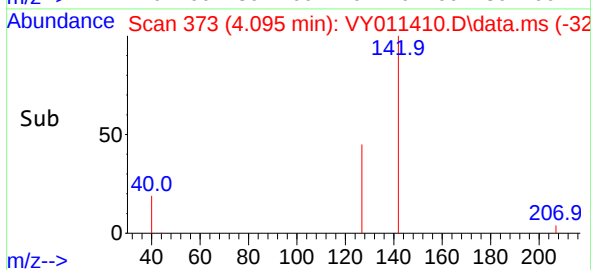
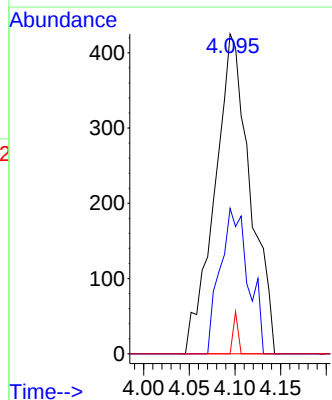
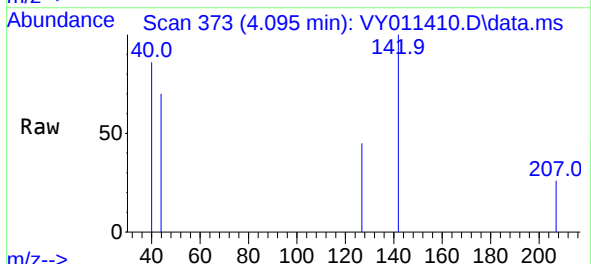
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

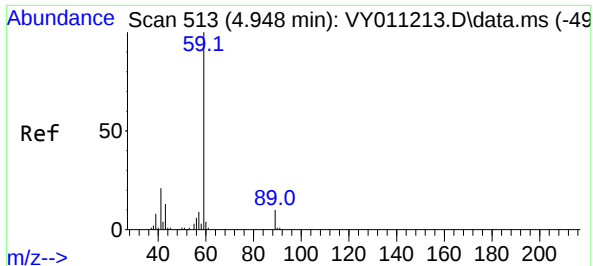
Tgt Ion: 94 Resp: 564
Ion Ratio Lower Upper
94 100
96 80.4 73.5 110.3



#10
Methyl Iodide
Concen: 2.231 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 142 Resp: 1145
Ion Ratio Lower Upper
142 100
127 36.2 41.5 62.3#
141 1.7 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY011410.D

Acq: 11 Nov 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

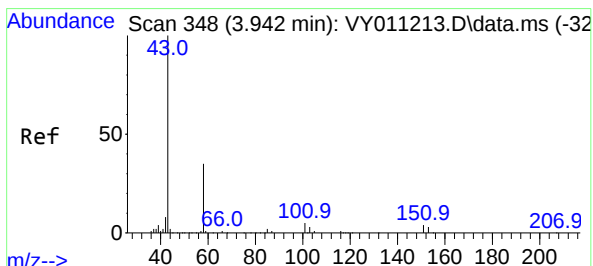
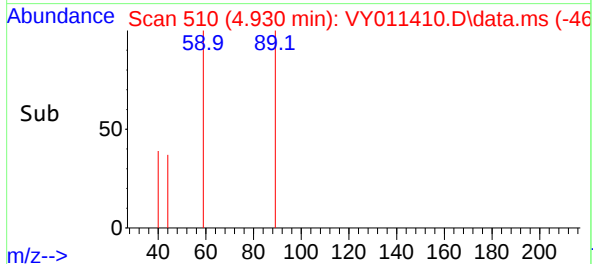
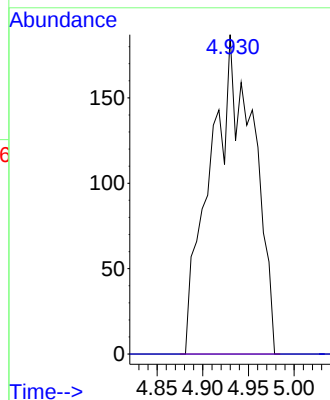
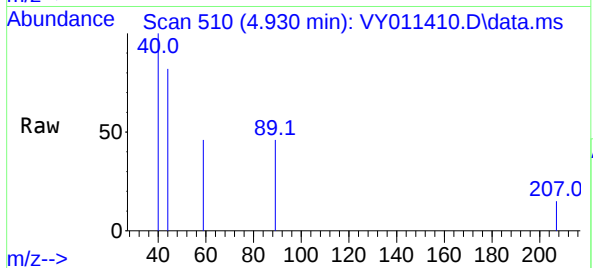
SB-25

Tgt Ion: 59 Resp: 616

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.123 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.018 min

Lab File: VY011410.D

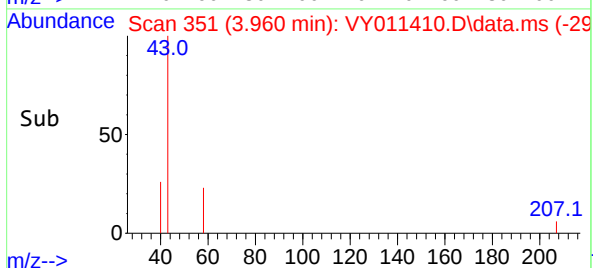
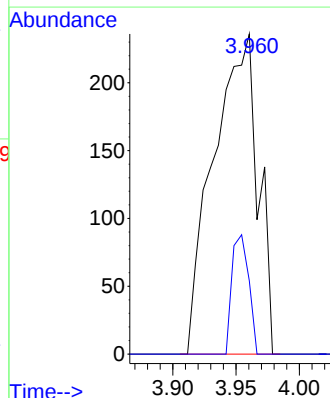
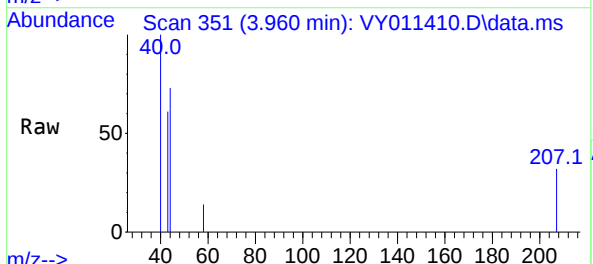
Acq: 11 Nov 2022 12:01

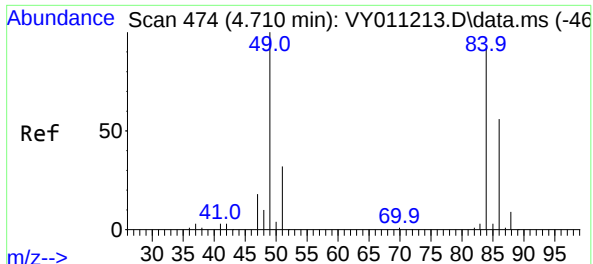
Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

43 100

58 22.9 22.0 33.0



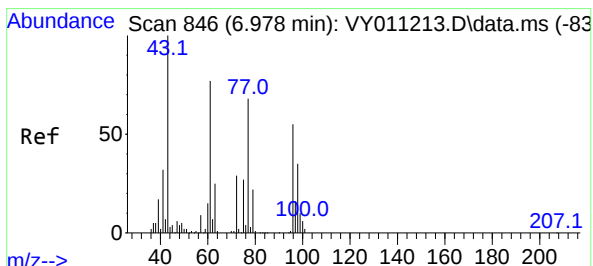
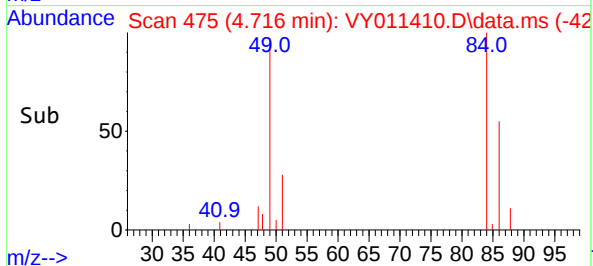
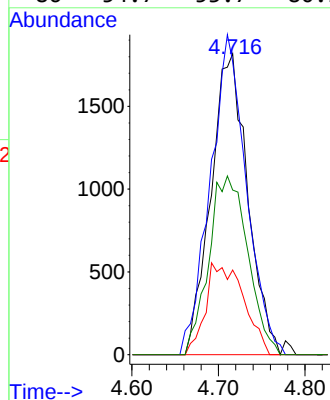
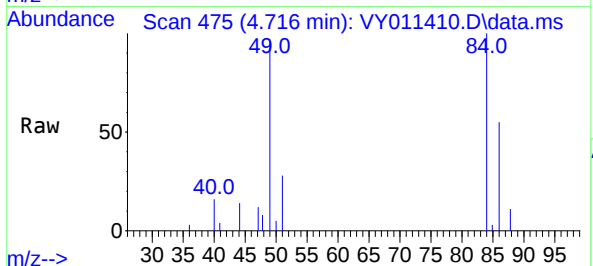


#20
Methylene Chloride
Concen: 3.544 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-25

Tgt Ion: 84 Resp: 5362

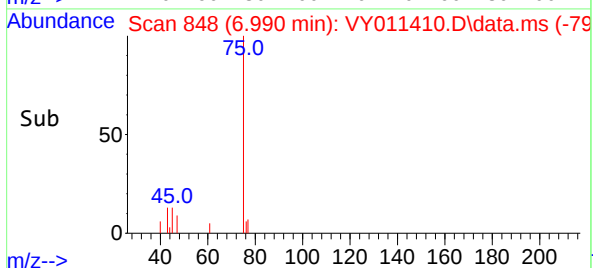
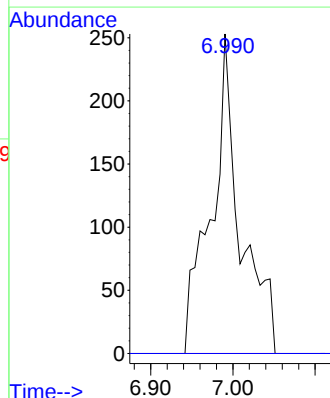
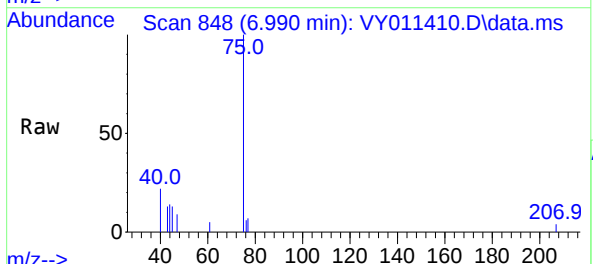
Ion	Ratio	Lower	Upper
84	100		
49	97.4	114.4	171.6#
51	28.1	35.3	52.9#
86	54.7	53.7	80.5

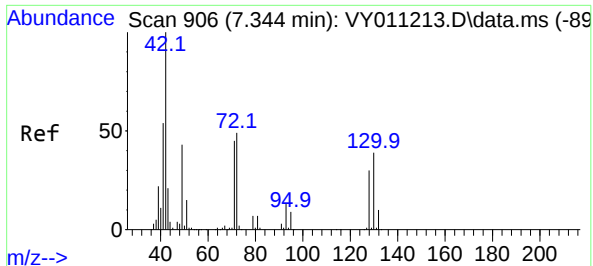


#25
2-Butanone
Concen: 4.658 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 43 Resp: 623

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

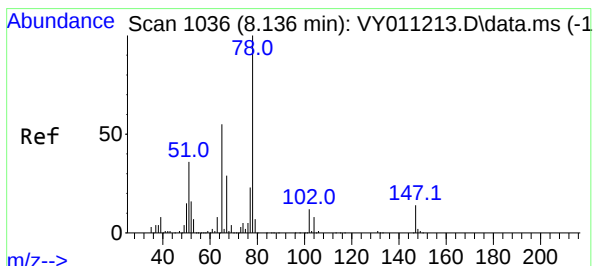
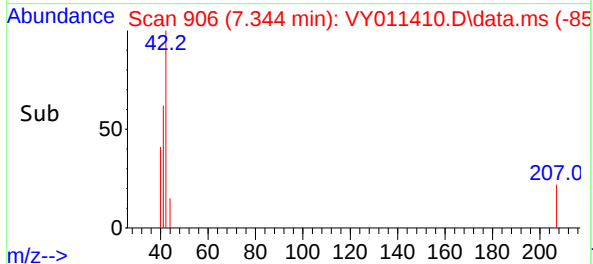
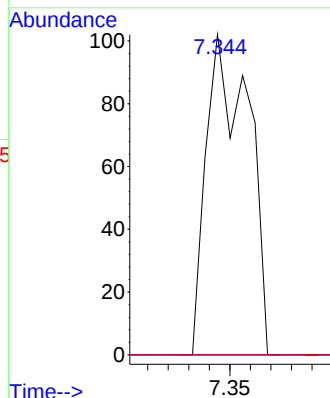
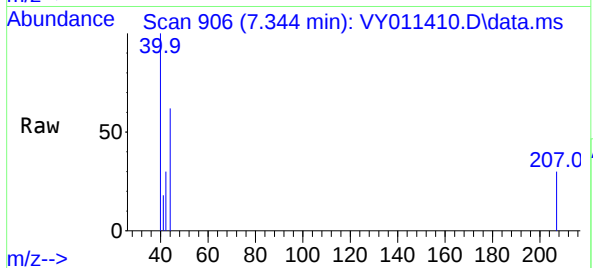




#29
Tetrahydrofuran
Concen: 1.790 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

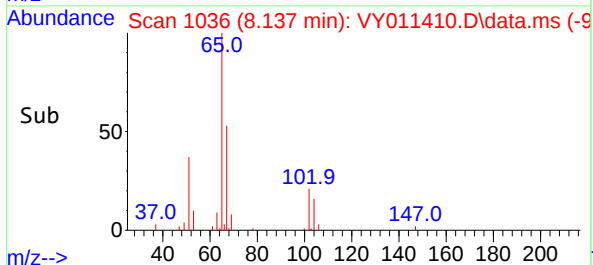
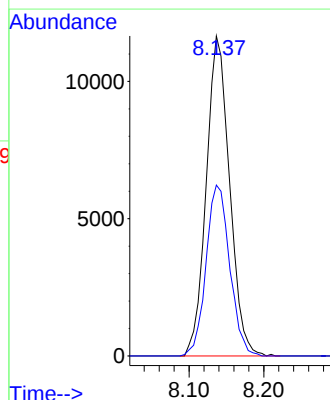
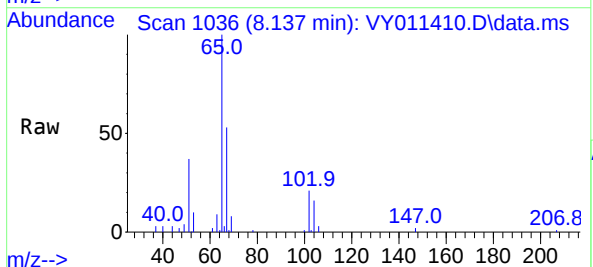
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

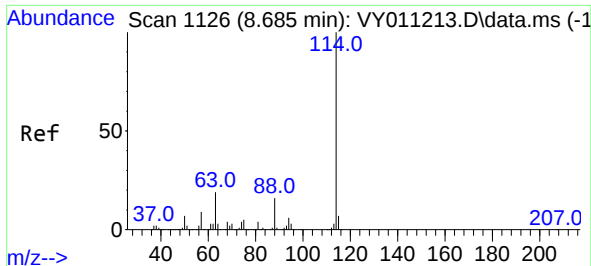
Tgt Ion: 42 Resp: 145
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



#33
1,2-Dichloroethane-d4
Concen: 71.015 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 65 Resp: 25271
Ion Ratio Lower Upper
65 100
67 54.1 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: VY011410.D

Acq: 11 Nov 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-25

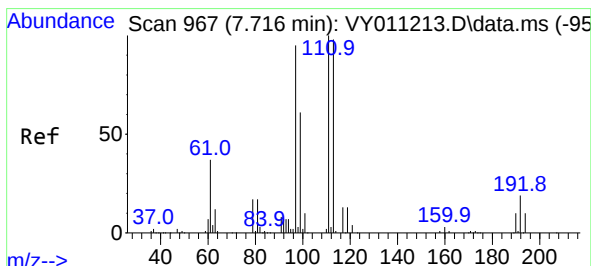
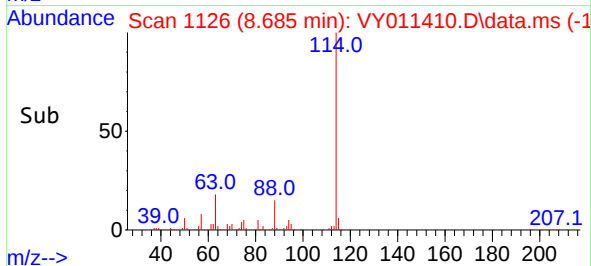
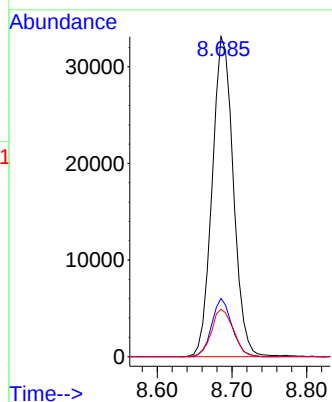
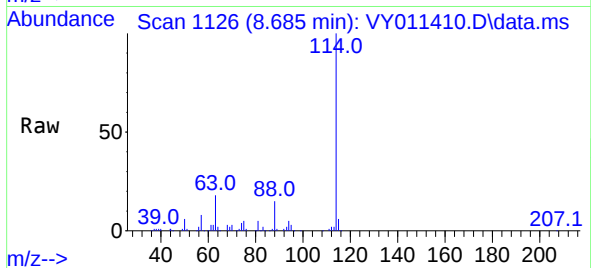
Tgt Ion:114 Resp: 65175

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.513 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011410.D

Acq: 11 Nov 2022 12:01

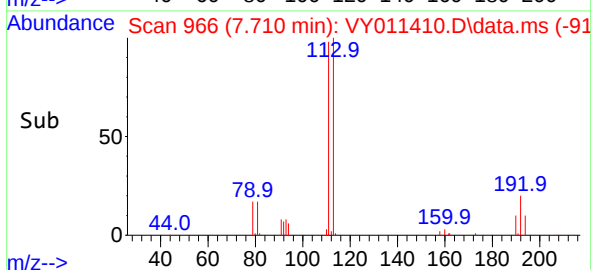
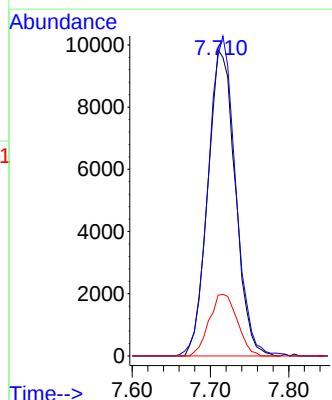
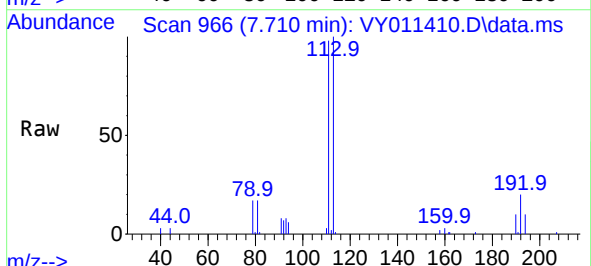
Tgt Ion:113 Resp: 23929

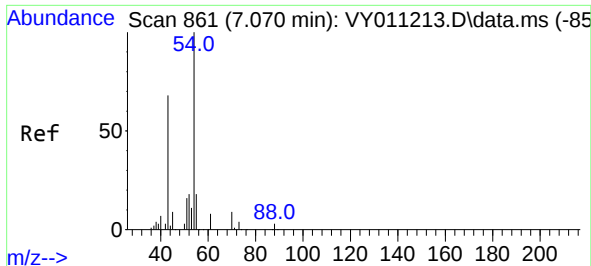
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 20.6 17.6 26.4

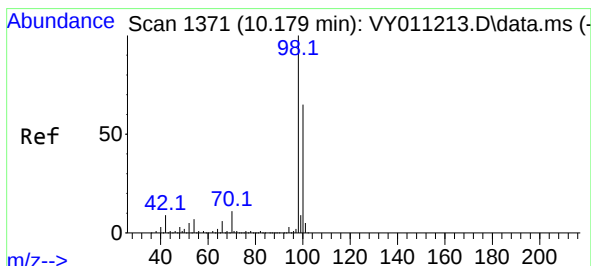
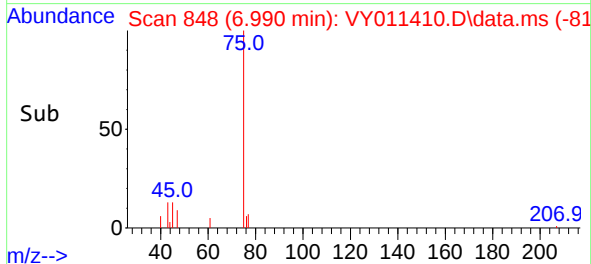
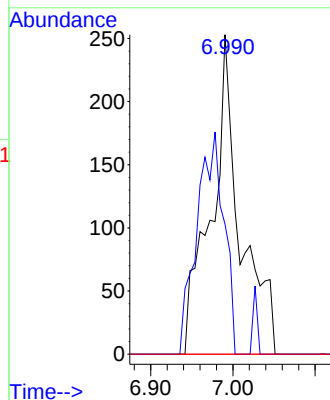
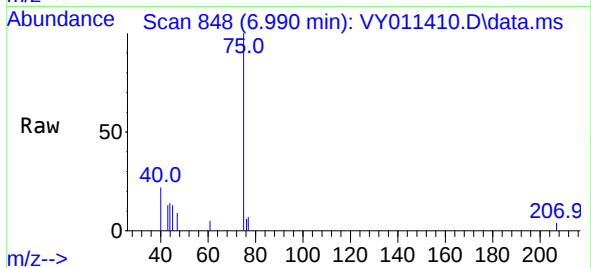




#37
Ethyl Acetate
Concen: 2.288 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.080 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

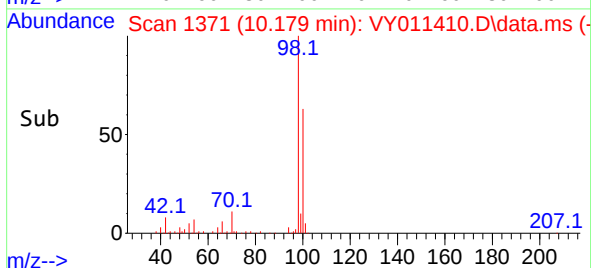
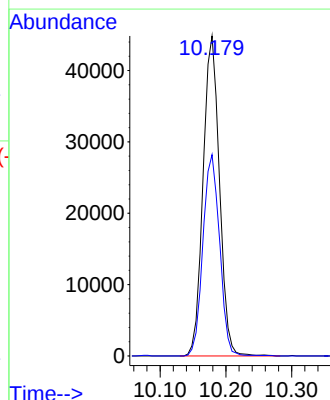
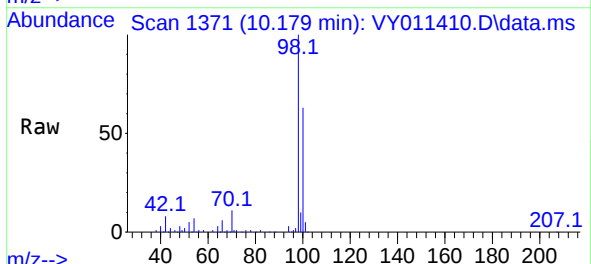
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

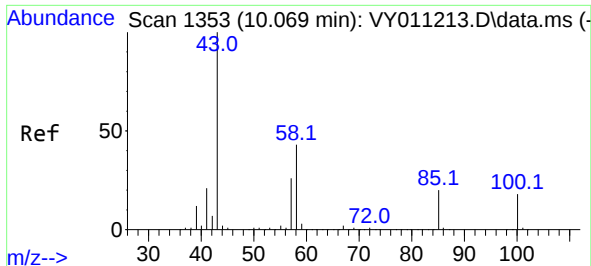
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
61 64.2 9.7 14.5#
70 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 55.656 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 98 Resp: 77662
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

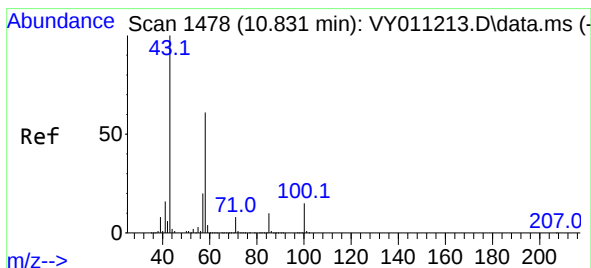
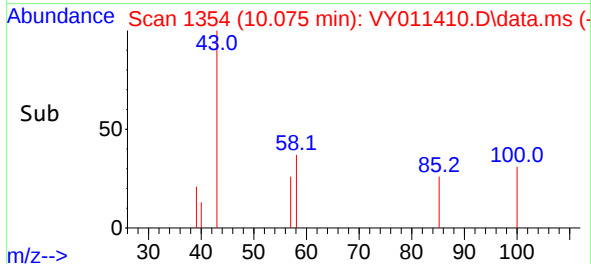
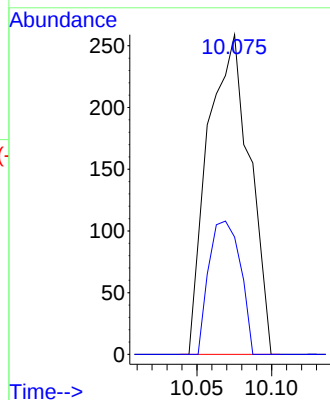
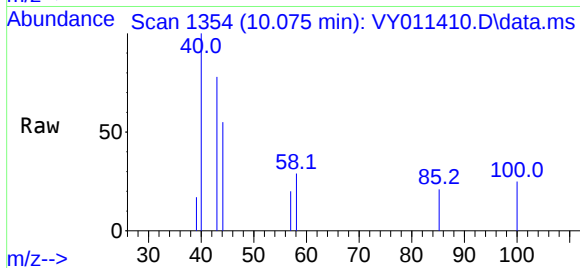




#51
4-Methyl-2-Pentanone
Concen: 1.904 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

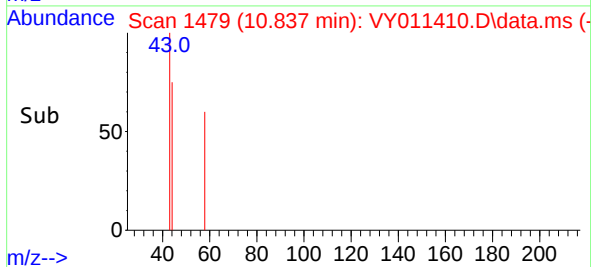
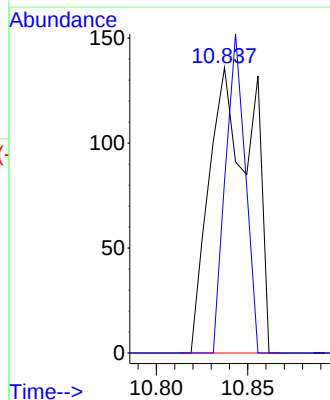
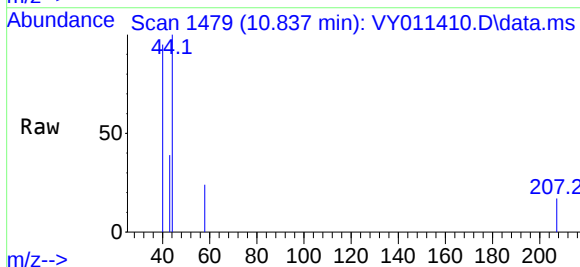
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

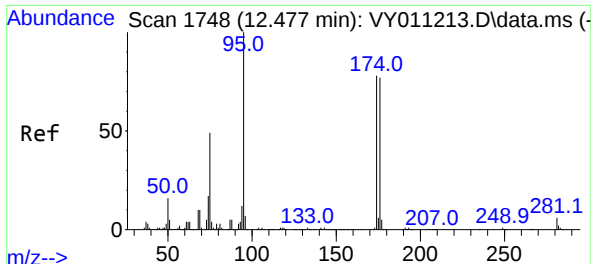
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 31.4 28.1 42.1



#59
2-Hexanone
Concen: 1.170 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 52.1 24.4 73.4

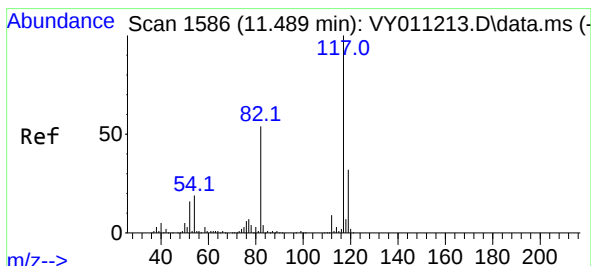
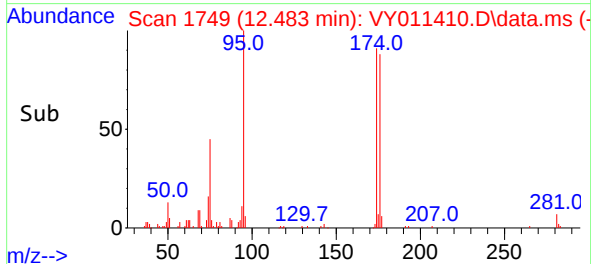
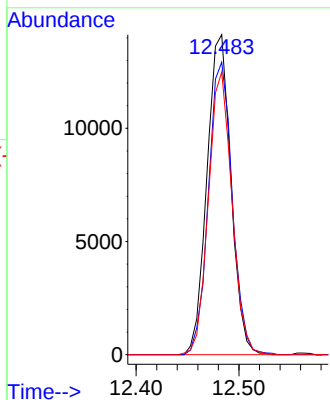
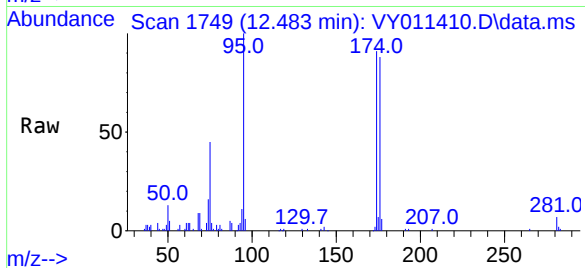




#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

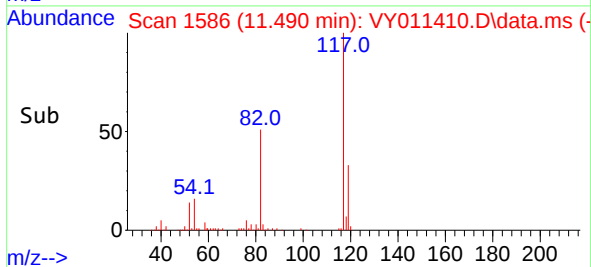
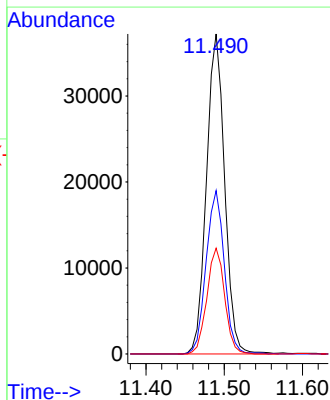
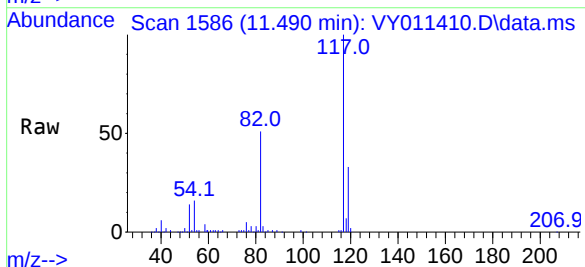
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

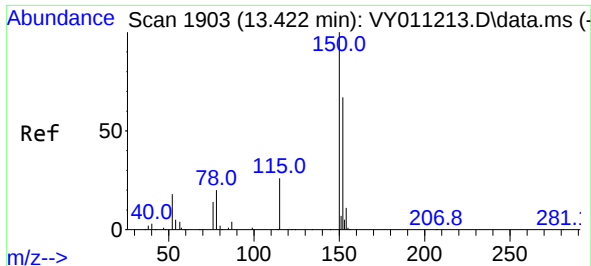
Tgt Ion:	95	Resp:	22862
Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	177.0
176	86.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion:	117	Resp:	59966
Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.0	64.4
119	33.1	25.4	38.0

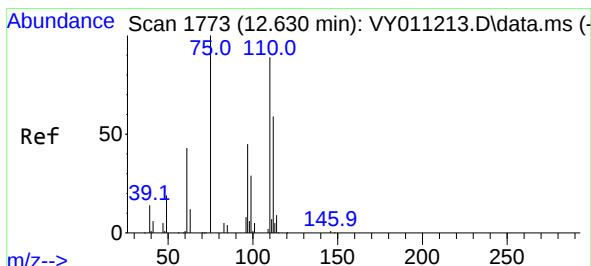
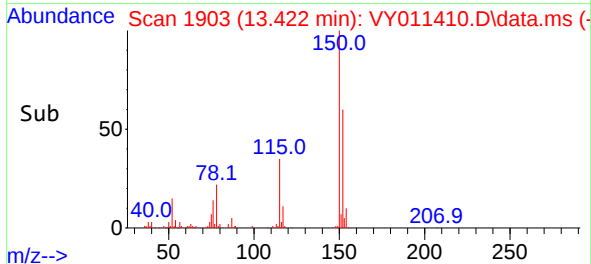
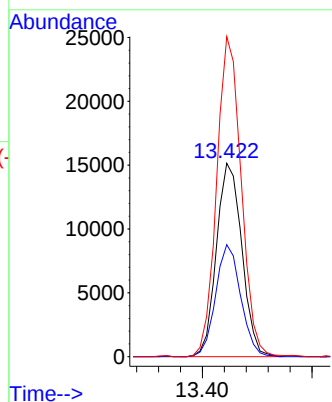
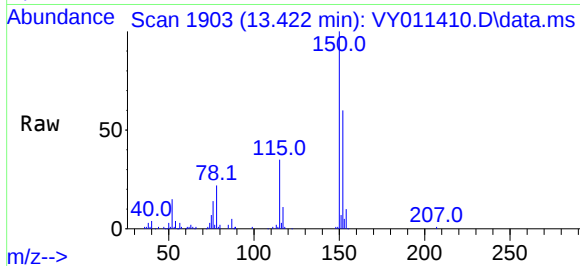




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

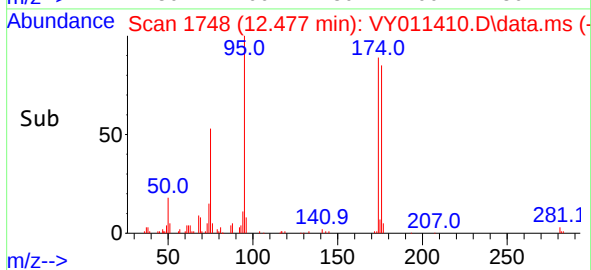
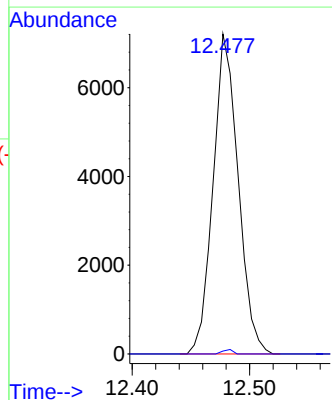
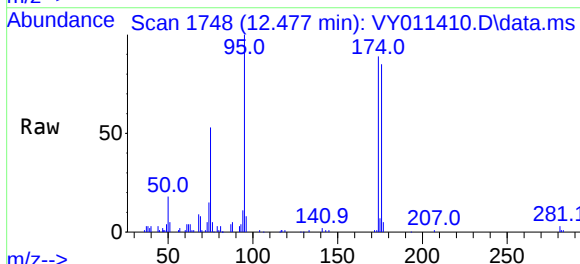
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

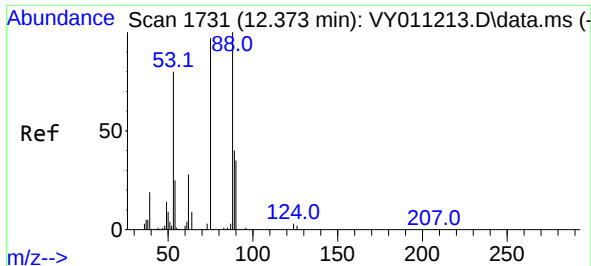
Tgt Ion:152 Resp: 24359
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 160.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.874 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#

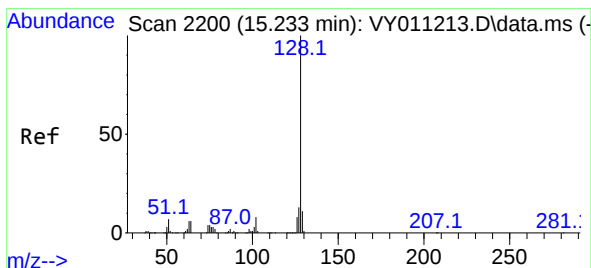
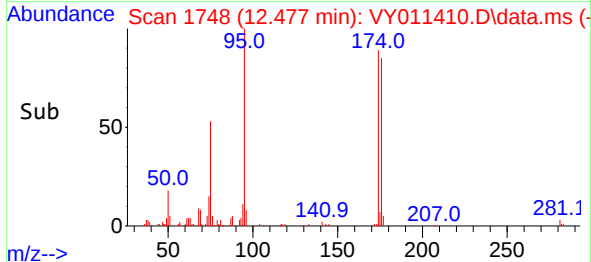
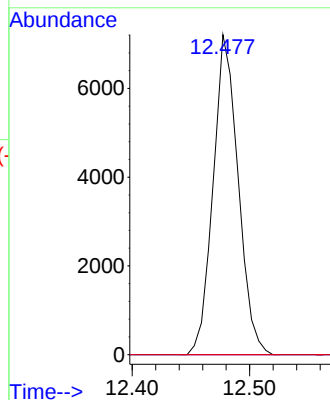
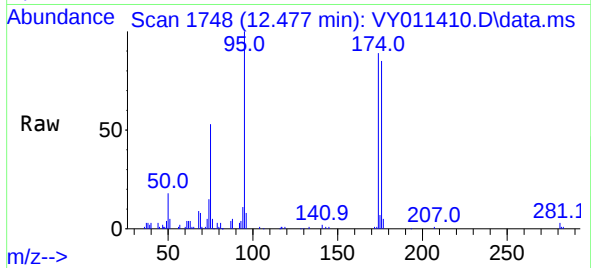




#81
trans-1,4-Dichloro-2-butene
Concen: 91.037 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-25

Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.869 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion:128 Resp: 586
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 8.5 8.4 12.6

