

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011314.D
 Acq On : 04 Nov 2022 21:40
 Operator : KP/MD
 Sample : N5436-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-05

Quant Time: Nov 07 01:56:11 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)

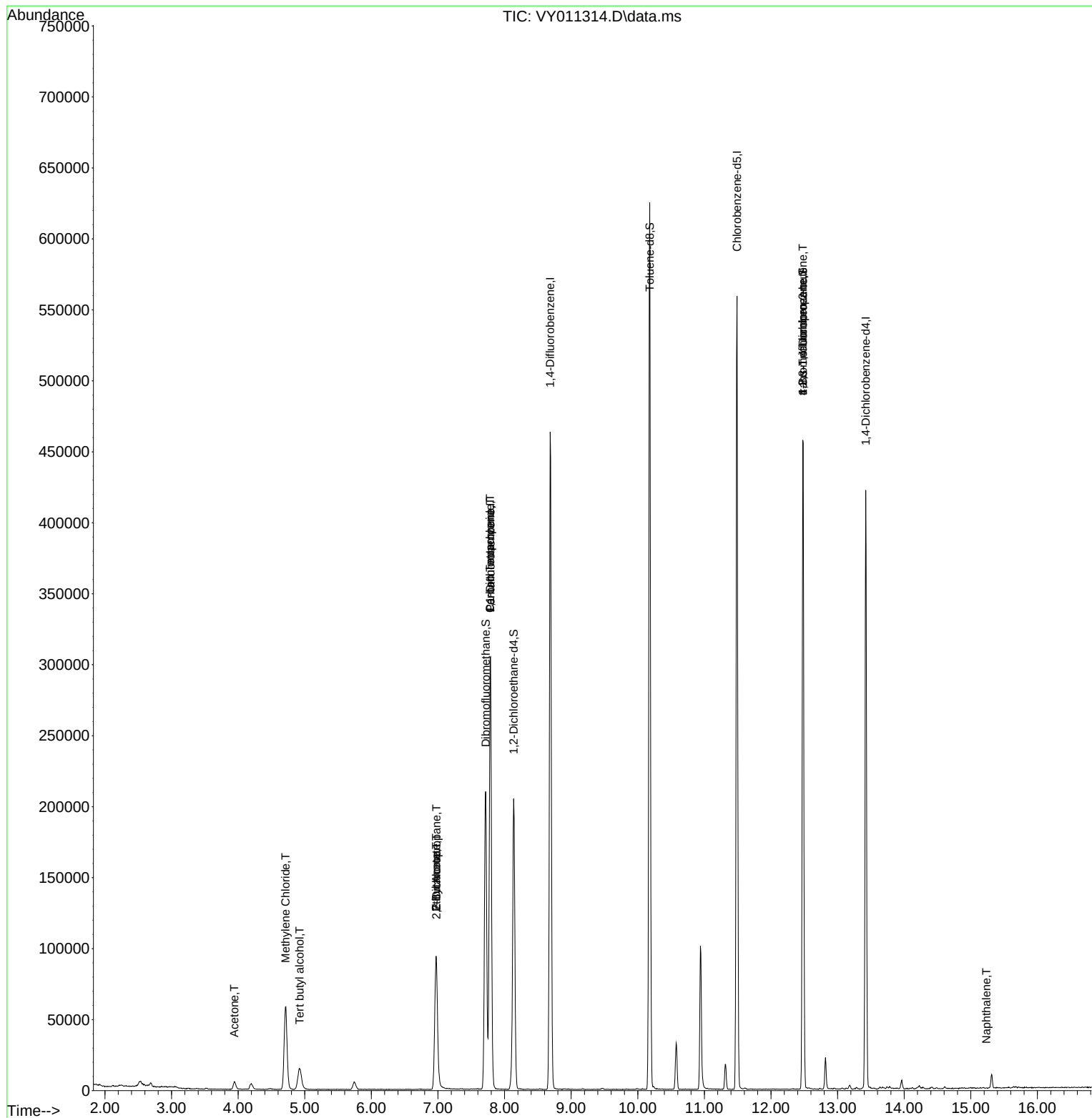
Internal Standards						
1) Pentafluorobenzene	7.789	168	245496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	151872	57.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.716	113	153432	58.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.800%
50) Toluene-d8	10.179	98	419741	41.504	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.000%
62) 4-Bromofluorobenzene	12.477	95	144598	41.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	109	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	15826	5.918	ug/l #	79
16) Acetone	3.942	43	9623	12.142	ug/l	94
20) Methylene Chloride	4.710	84	46475	10.351	ug/l #	82
25) 2-Butanone	6.972	43	4914	4.406	ug/l	91
26) 2,2-Dichloropropane	6.978	77	7295	1.519	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	17493	4.112	ug/l #	51
37) Ethyl Acetate	6.972	43	4914	2.143	ug/l #	1
38) Carbon Tetrachloride	7.783	117	24437	5.537	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	70125	51.160	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70125	109.488	ug/l #	7
95) Naphthalene	15.233	128	102	3.987	ug/l #	69

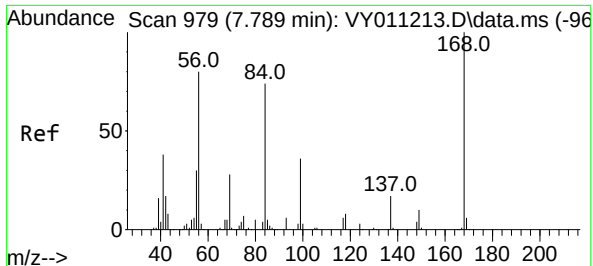
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
Data File : VY011314.D
Acq On : 04 Nov 2022 21:40
Operator : KP/MD
Sample : N5436-05
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

Quant Time: Nov 07 01:56:11 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

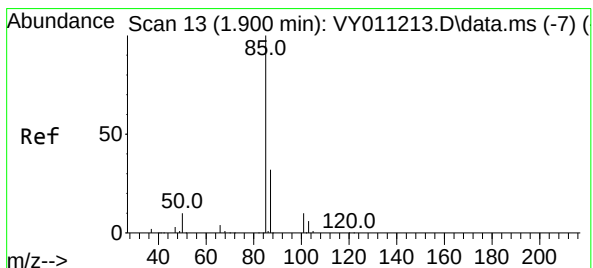
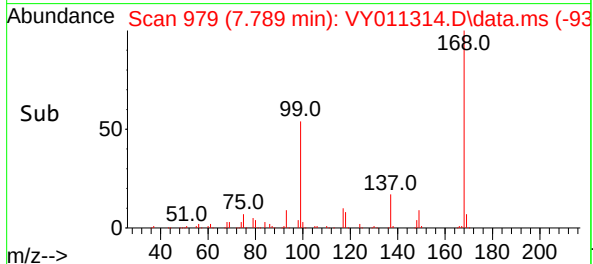
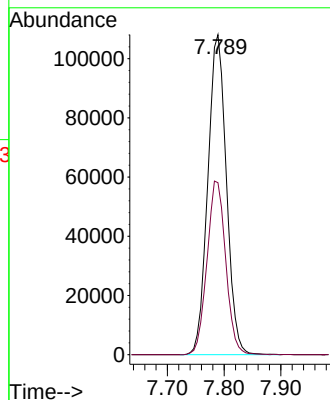
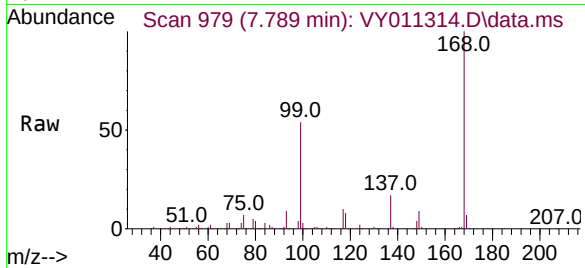




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

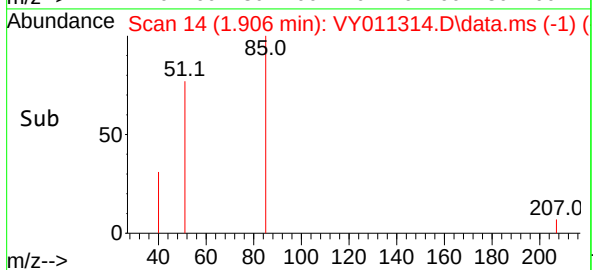
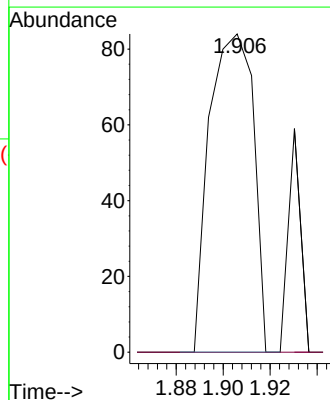
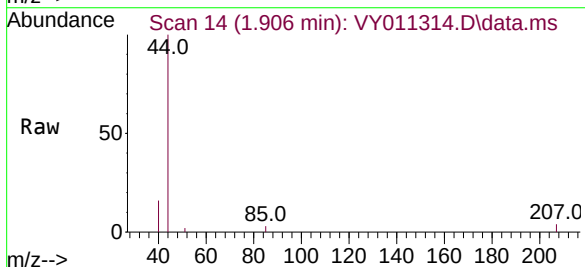
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

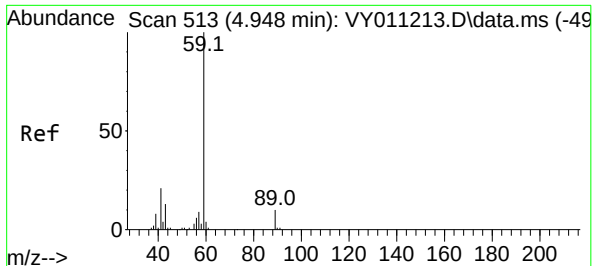
Tgt Ion:168 Resp: 245496
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 85 Resp: 109
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

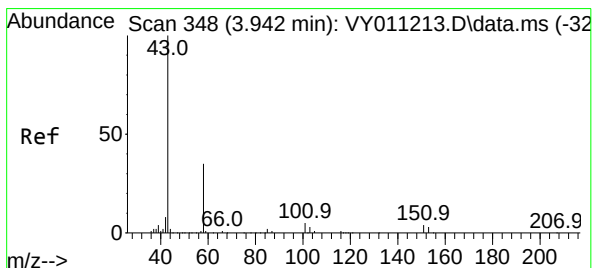
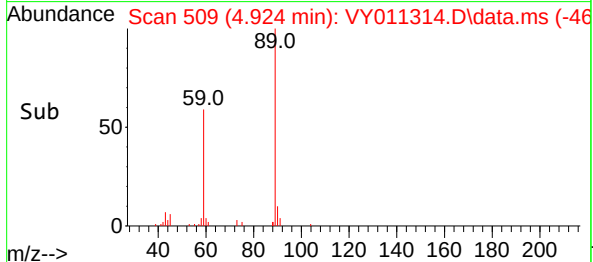
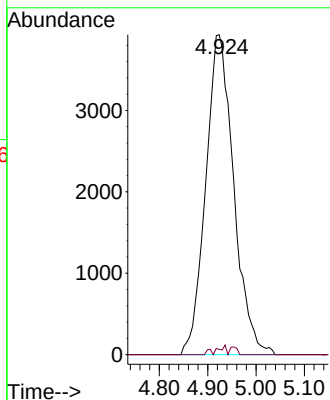
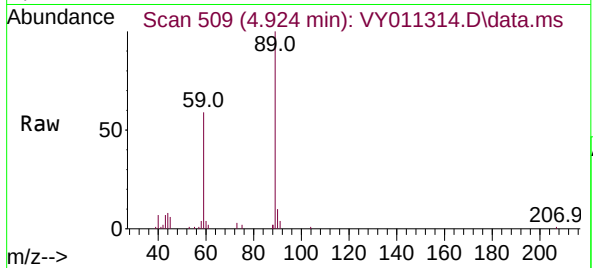




#11
Tert butyl alcohol
Concen: 5.918 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

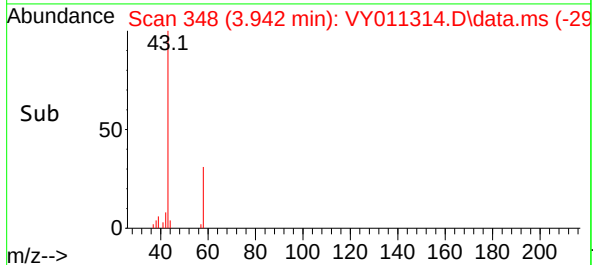
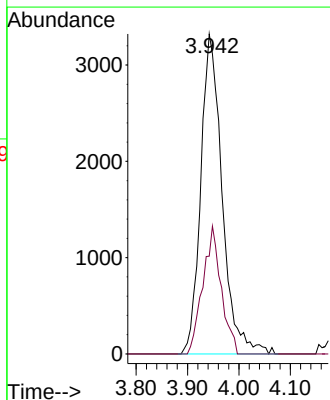
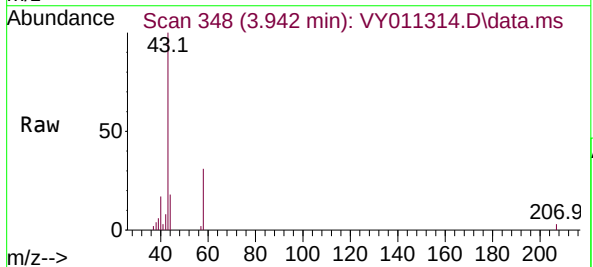
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

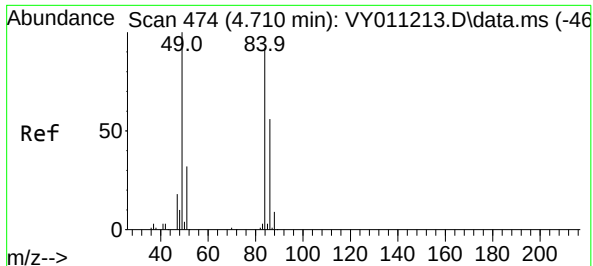
Tgt Ion: 59 Resp: 15826
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#



#16
Acetone
Concen: 12.142 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 43 Resp: 9623
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0

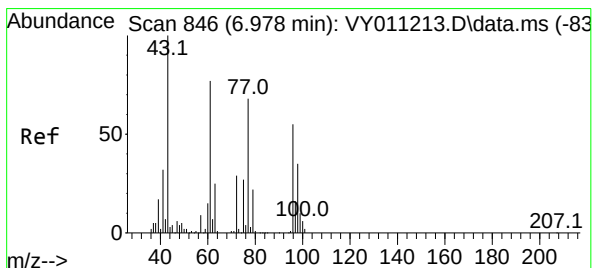
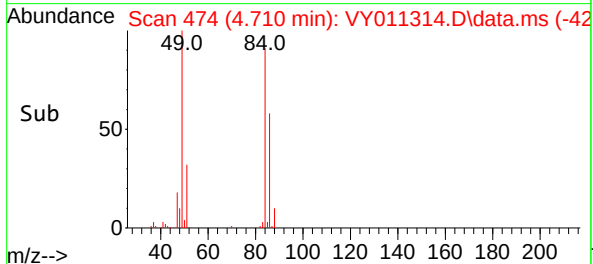
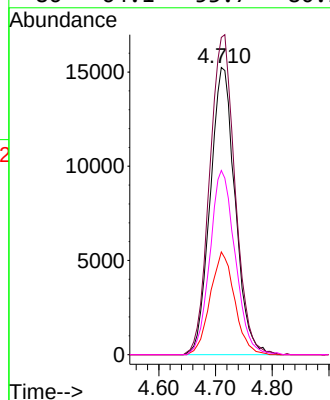
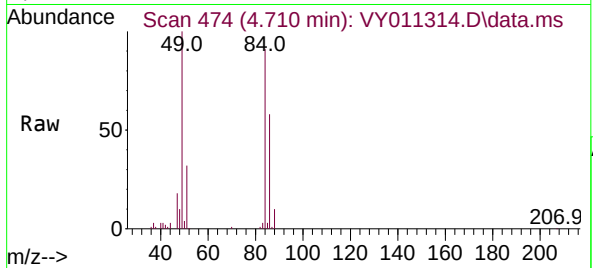




#20
Methylene Chloride
Concen: 10.351 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

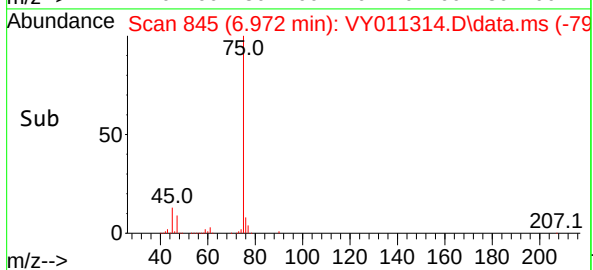
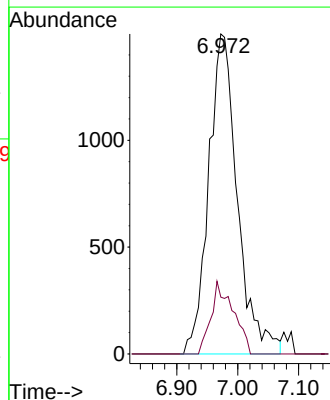
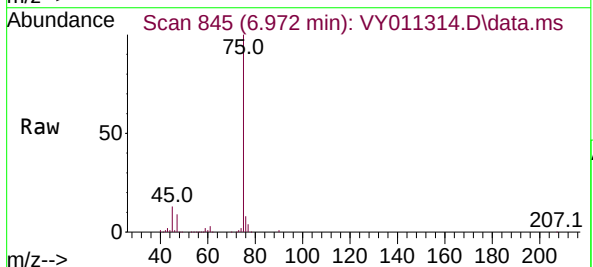
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

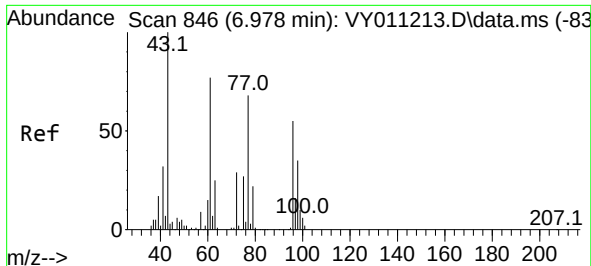
Tgt Ion: 84 Resp: 46475
Ion Ratio Lower Upper
84 100
49 110.5 114.4 171.6#
51 35.8 35.3 52.9
86 64.1 53.7 80.5



#25
2-Butanone
Concen: 4.406 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 43 Resp: 4914
Ion Ratio Lower Upper
43 100
72 17.8 17.7 26.5





#26

2,2-Dichloropropane

Concen: 1.519 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011314.D

Acq: 04 Nov 2022 21:40

Instrument :

MSVOA_Y

ClientSampleId :

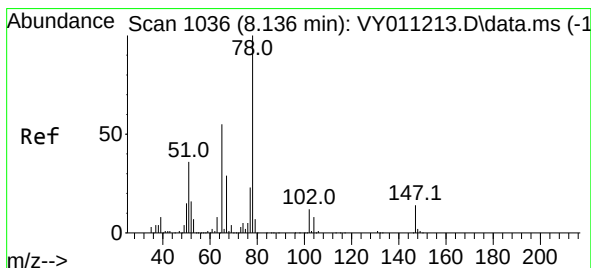
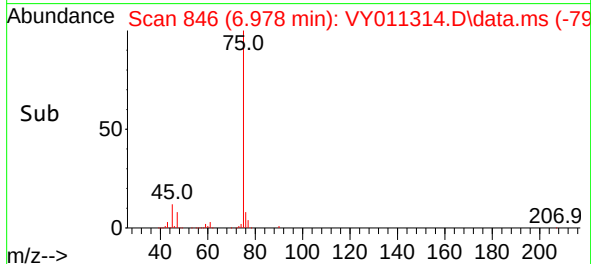
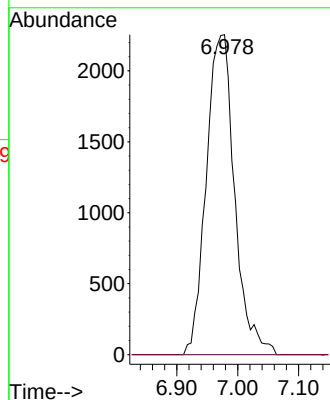
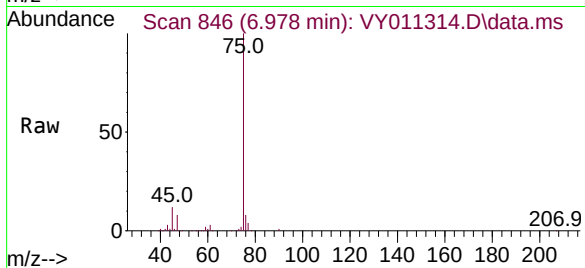
250FERRYBLVD-TFS-05

Tgt Ion: 77 Resp: 7295

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 57.843 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011314.D

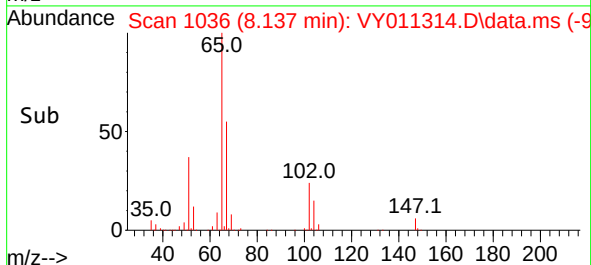
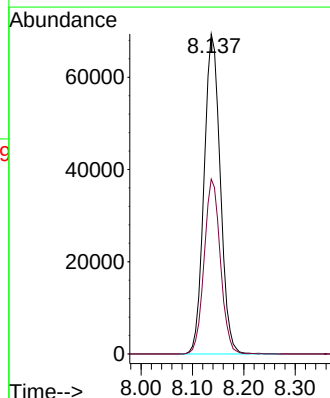
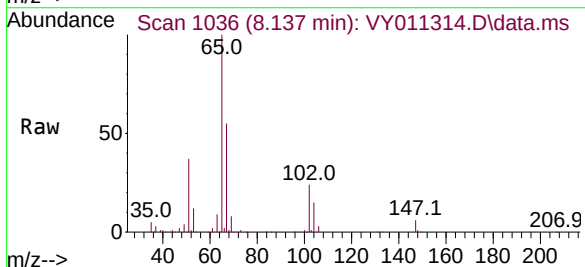
Acq: 04 Nov 2022 21:40

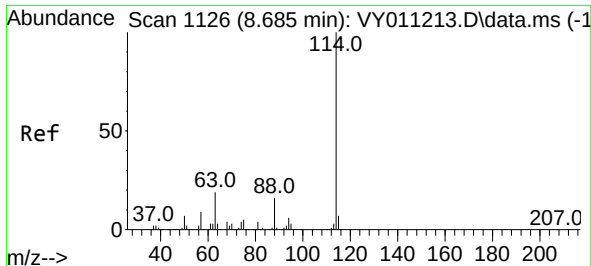
Tgt Ion: 65 Resp: 151872

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. 0.000 min

Lab File: VY011314.D

Acq: 04 Nov 2022 21:40

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-05

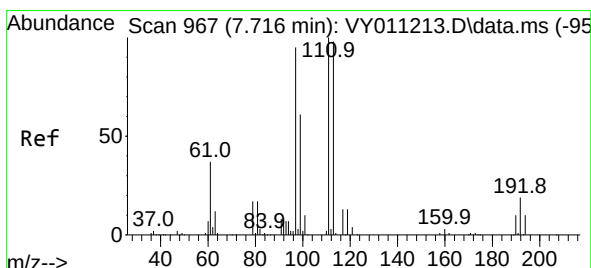
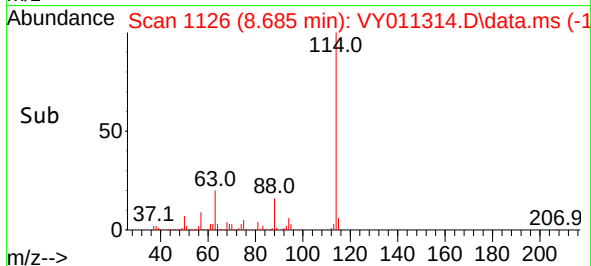
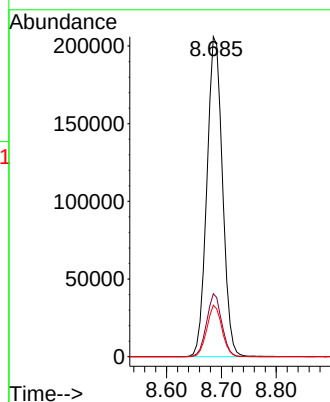
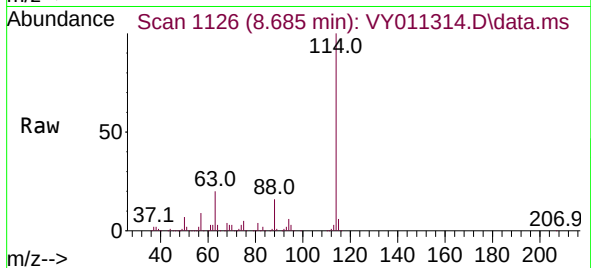
Tgt Ion:114 Resp: 405416

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.904 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011314.D

Acq: 04 Nov 2022 21:40

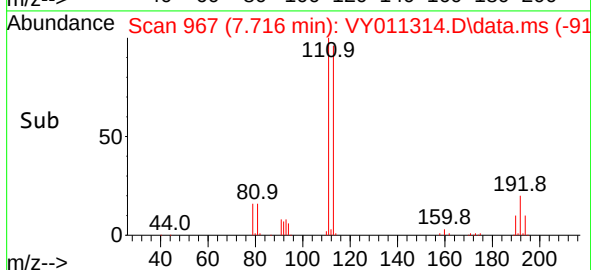
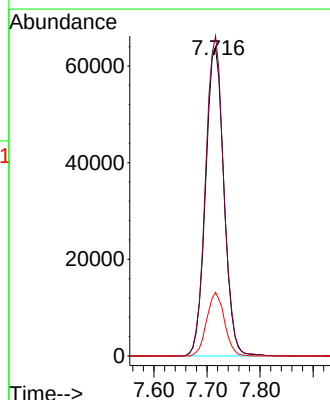
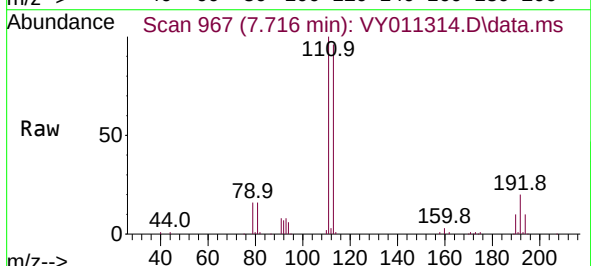
Tgt Ion:113 Resp: 153432

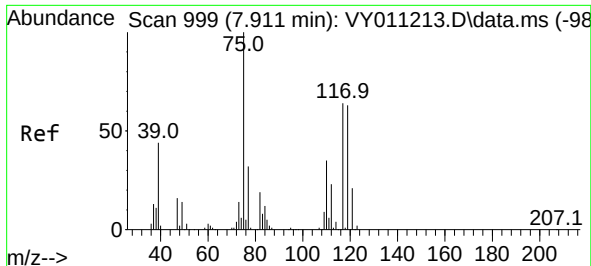
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.9 17.6 26.4

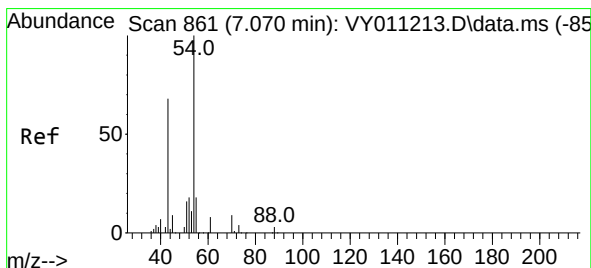
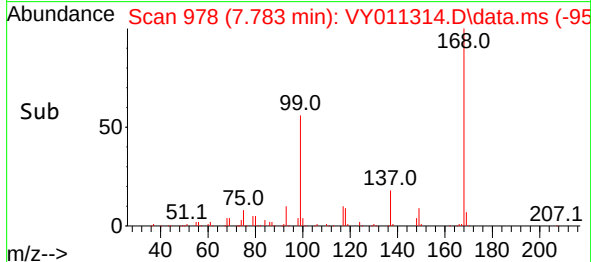
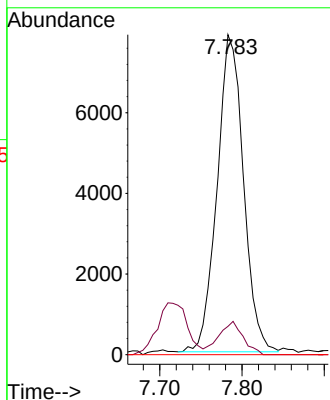
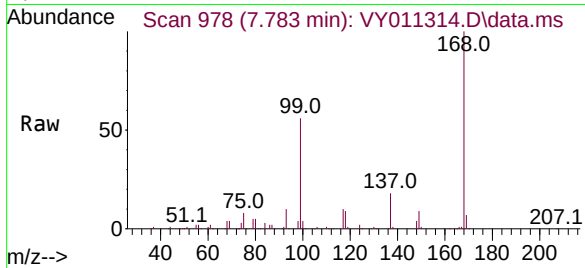




#36
1,1-Dichloropropene
Concen: 4.112 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

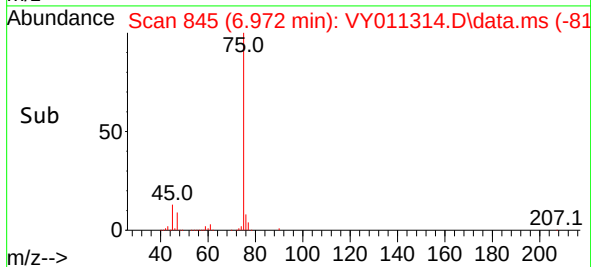
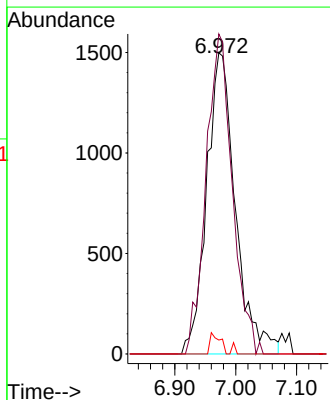
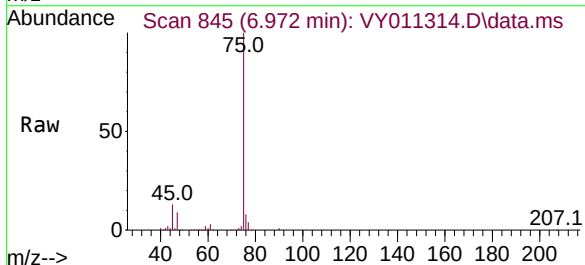
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

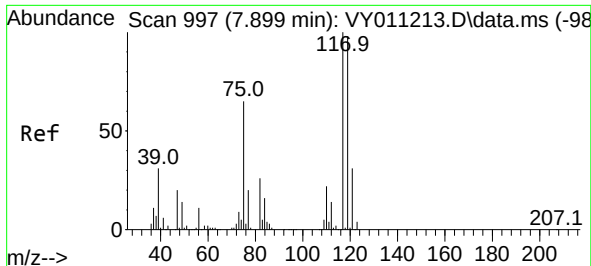
Tgt Ion: 75 Resp: 17493
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.143 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 43 Resp: 4914
Ion Ratio Lower Upper
43 100
61 96.9 9.7 14.5#
70 2.4 7.1 10.7#

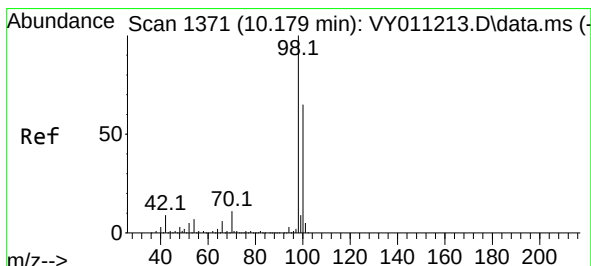
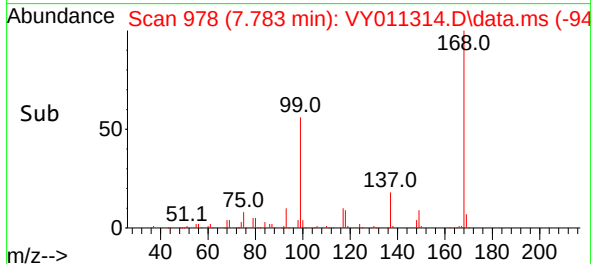
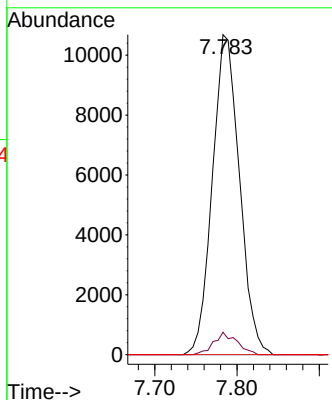
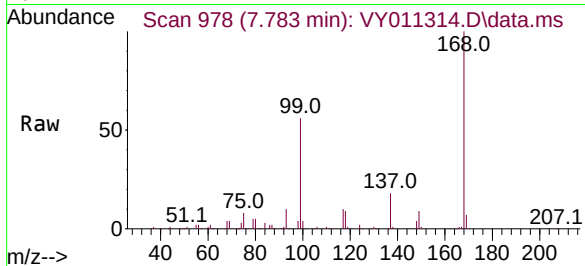




#38
Carbon Tetrachloride
Concen: 5.537 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

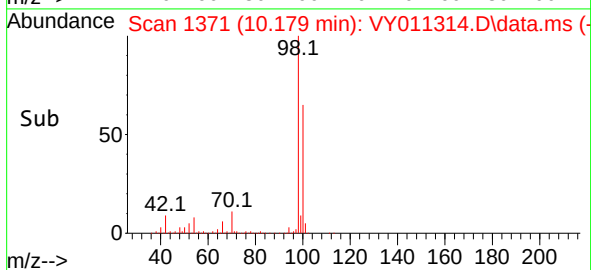
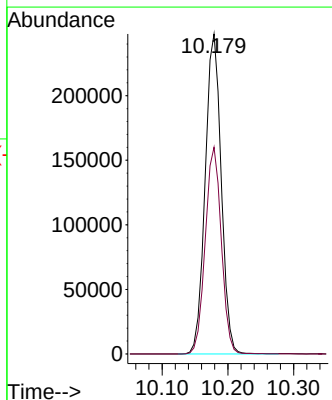
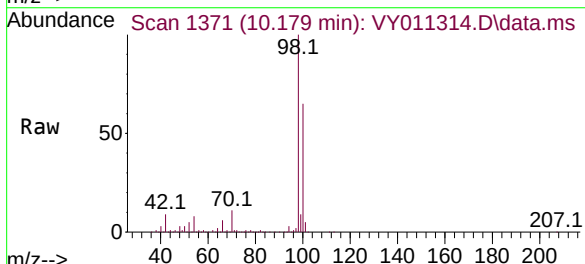
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

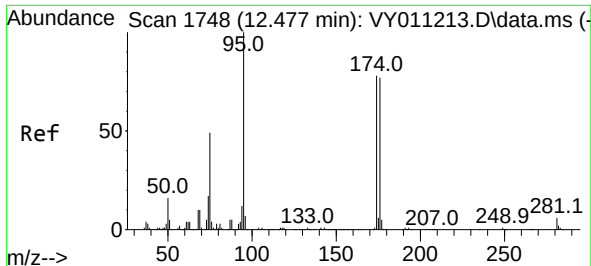
Tgt Ion:117 Resp: 24437
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.504 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 98 Resp: 419741
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

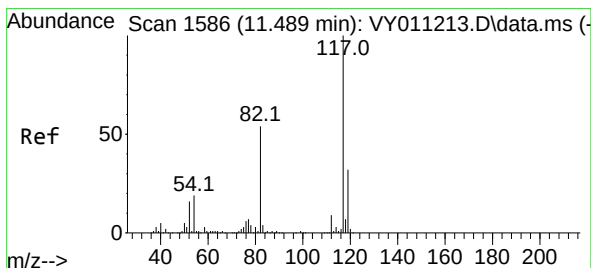
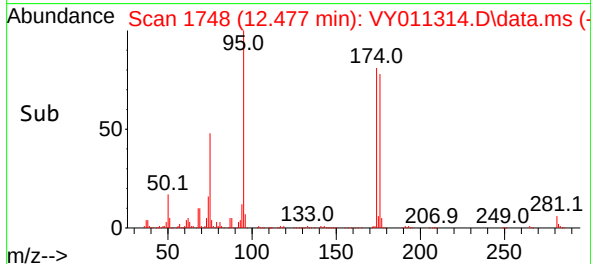
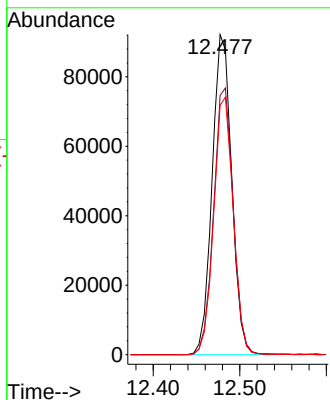
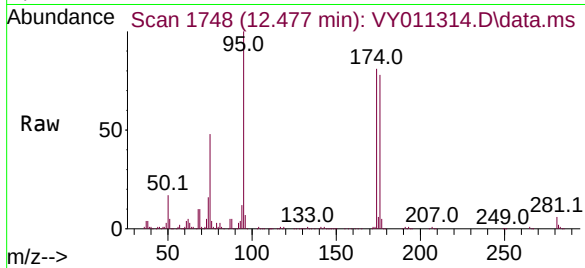




#62
4-Bromofluorobenzene
Concen: 41.185 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

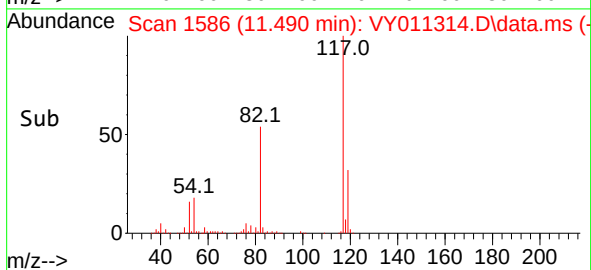
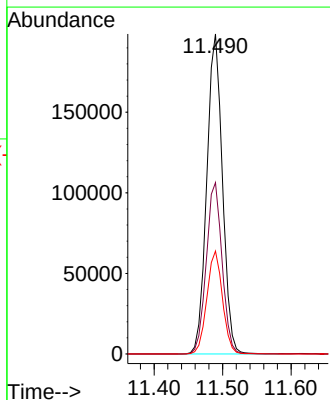
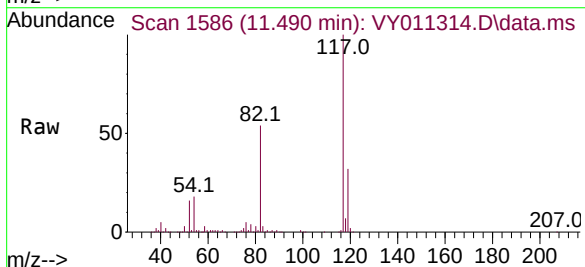
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

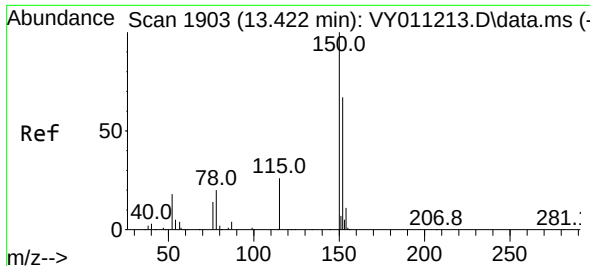
Tgt Ion: 95 Resp: 144598
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 117 Resp: 315773
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.1 25.4 38.0

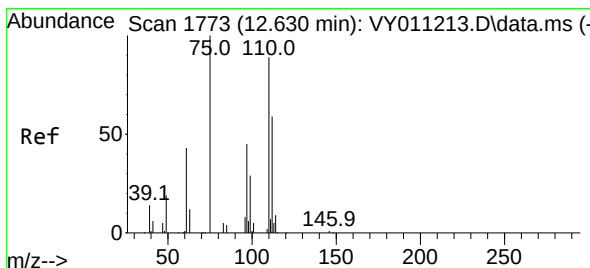
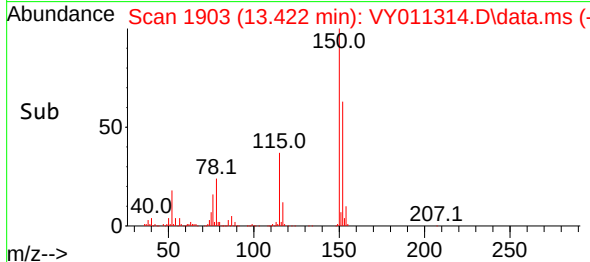
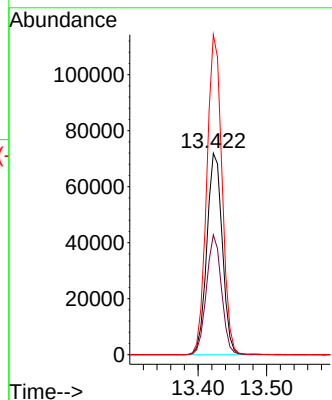
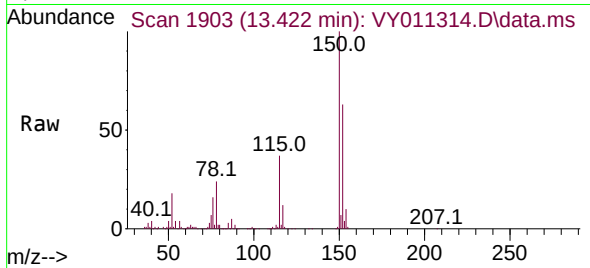




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011314.D
 Acq: 04 Nov 2022 21:40

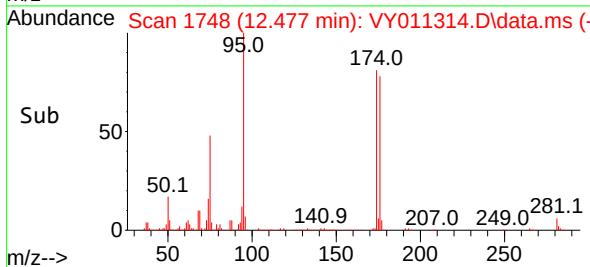
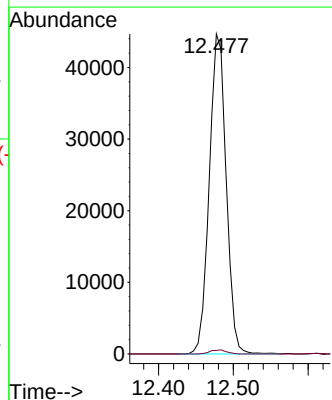
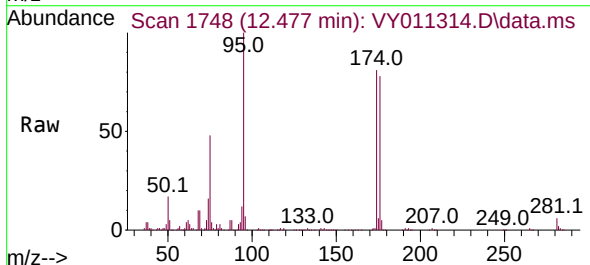
Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-05

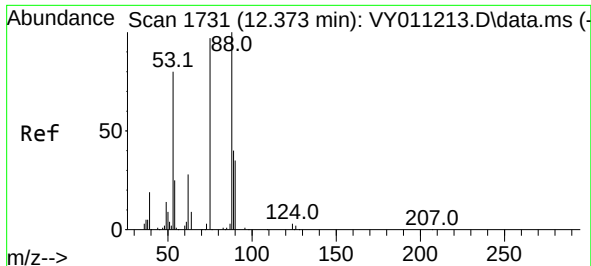
Tgt Ion:152 Resp: 112592
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.160 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011314.D
 Acq: 04 Nov 2022 21:40

Tgt Ion: 75 Resp: 70125
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

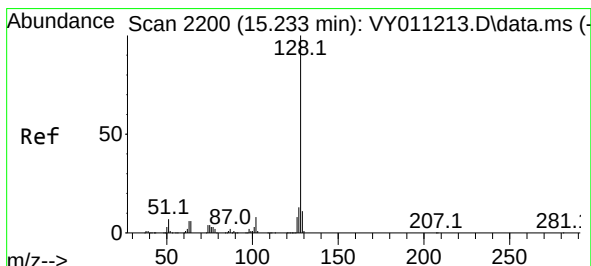
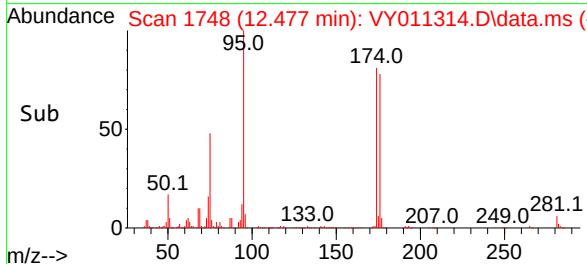
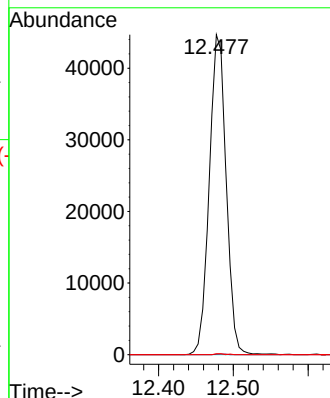
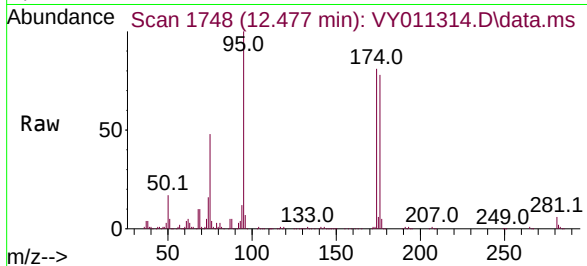




#81
trans-1,4-Dichloro-2-butene
Concen: 109.488 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

Tgt Ion: 75 Resp: 70125
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 3.987 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 128 Resp: 102
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

