

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\Not Reviewed Data\
 Data File : VY011391.D
 Acq On : 10 Nov 2022 15:30
 Operator : KP/MD
 Sample : N5436-08RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-08RE

Quant Time: Nov 10 19:18:56 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)

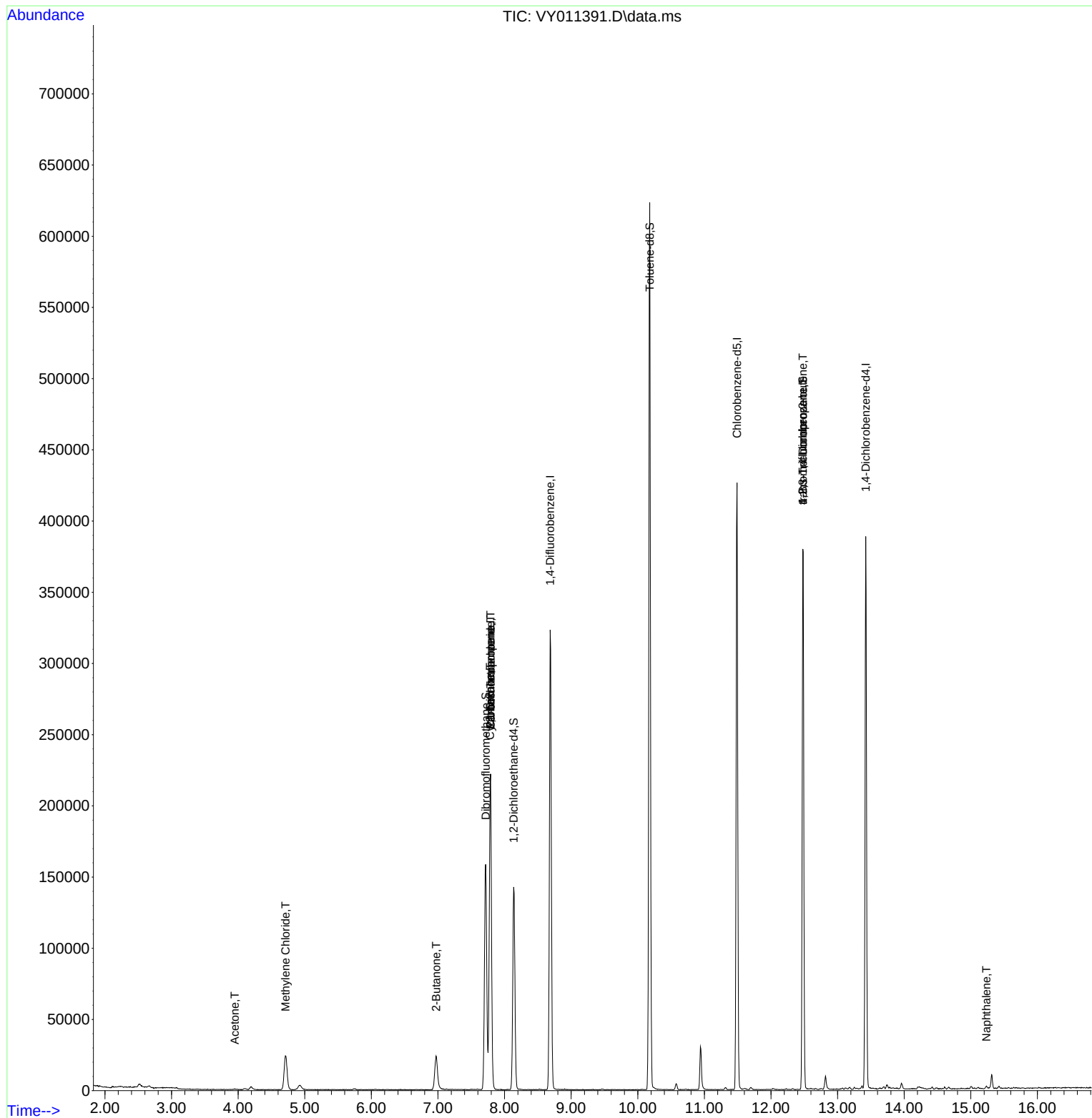
Internal Standards						
1) Pentafluorobenzene	7.789	168	183087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	112093	73.062	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.120%			
35) Dibromofluoromethane	7.716	113	115800	69.893	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 139.780%			
50) Toluene-d8	10.179	98	424484	67.064	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 134.120%			
62) 4-Bromofluorobenzene	12.477	95	125184	56.703	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.400%			
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	20	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	3803	Below Cal	#	77
16) Acetone	3.948	43	820	2.025	ug/l #	89
18) Methyl Acetate	4.704	43	87	Below Cal	#	56
20) Methylene Chloride	4.710	84	20507	2.148	ug/l #	77
25) 2-Butanone	6.972	43	1224	2.123	ug/l #	54
31) Cyclohexane	7.783	56	3030	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12504	4.863	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17303	6.186	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59677	48.422	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59677	116.392	ug/l #	7
95) Naphthalene	15.233	128	1734	3.678	ug/l #	86

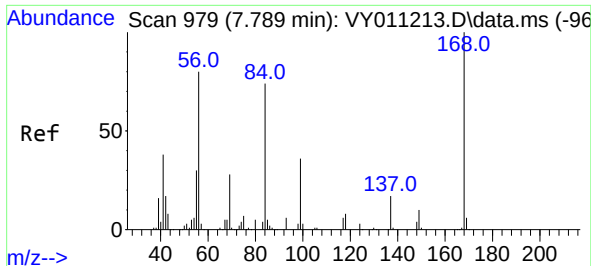
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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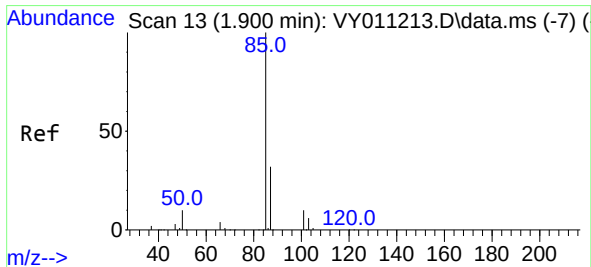
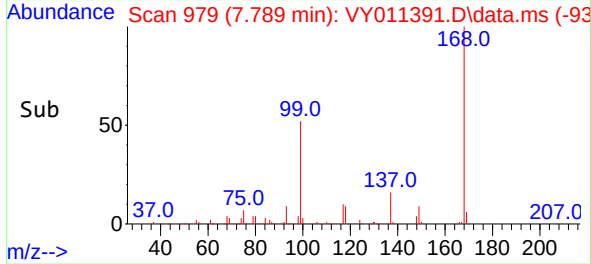
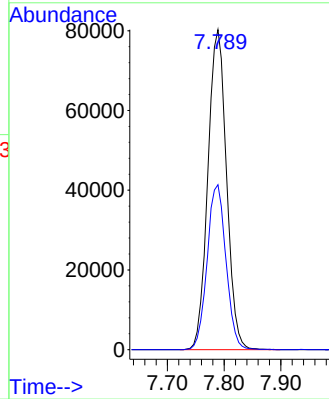
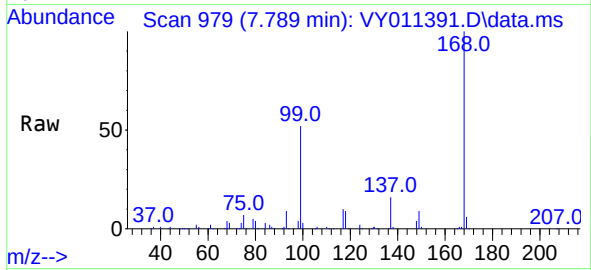




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

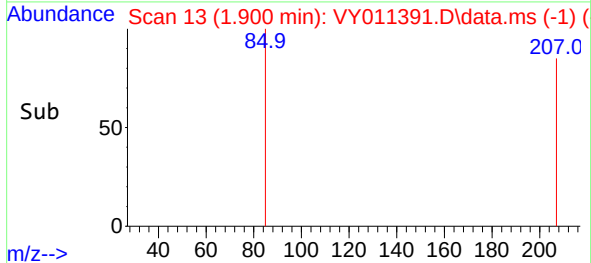
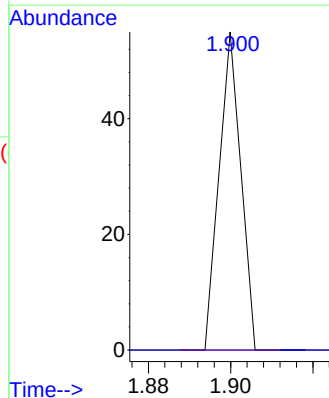
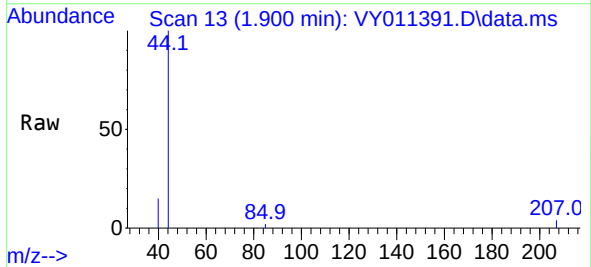
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

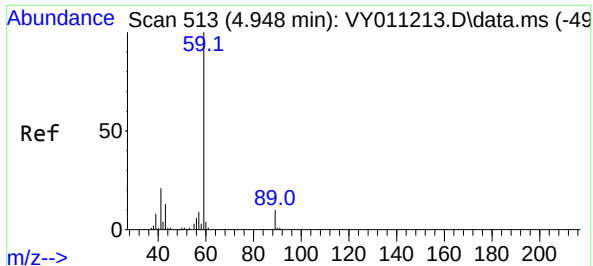
Tgt Ion:168 Resp: 183087
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY011391.D

Acq: 10 Nov 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

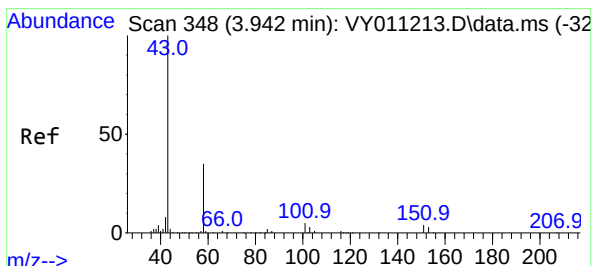
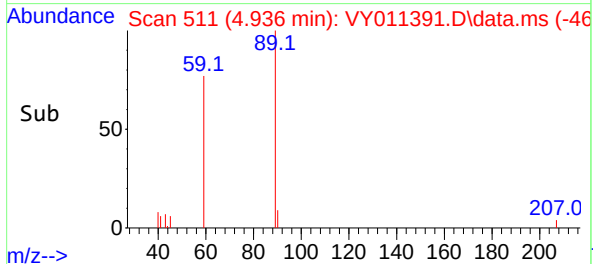
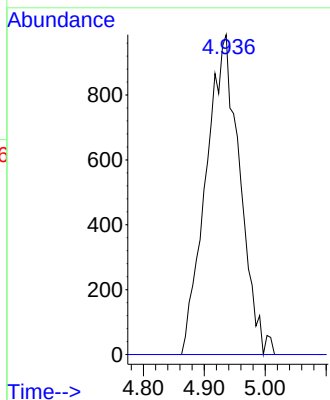
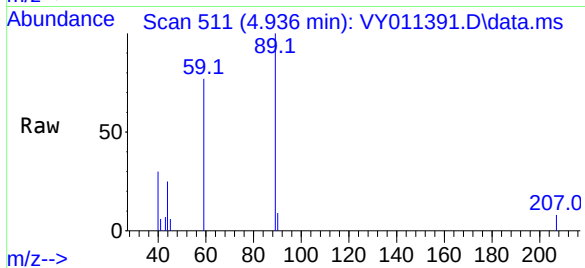
250FERRYBLVD-TFS-08RE

Tgt Ion: 59 Resp: 3803

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.025 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY011391.D

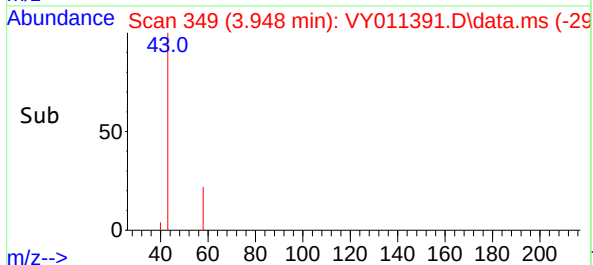
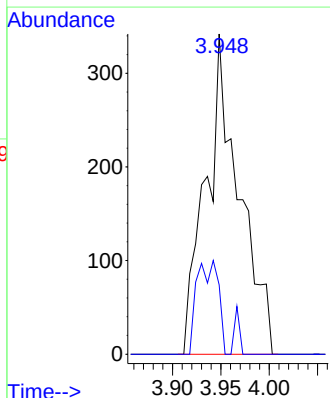
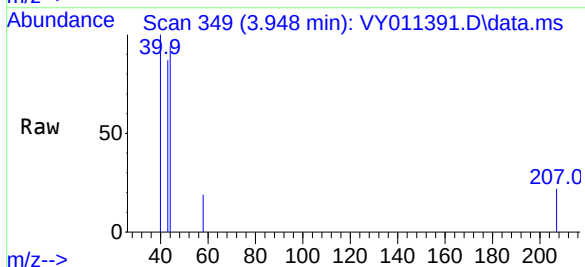
Acq: 10 Nov 2022 15:30

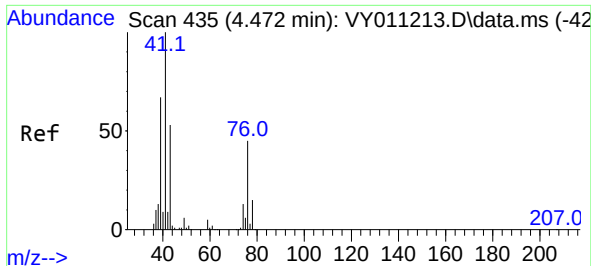
Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

58 21.6 22.0 33.0#

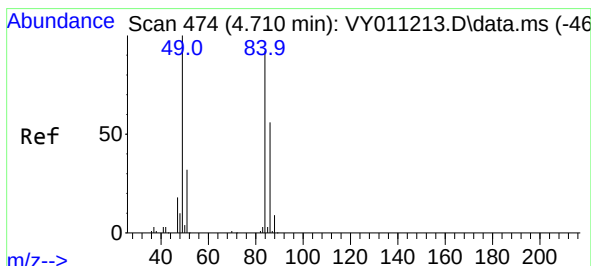
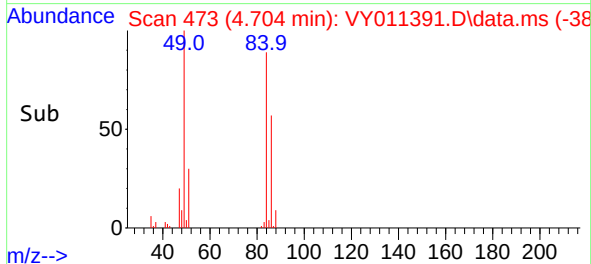
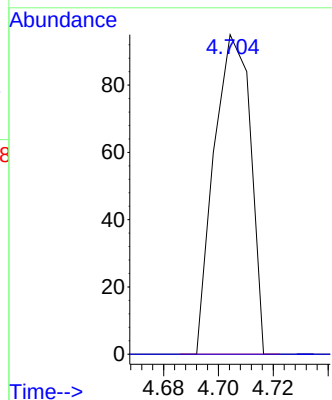
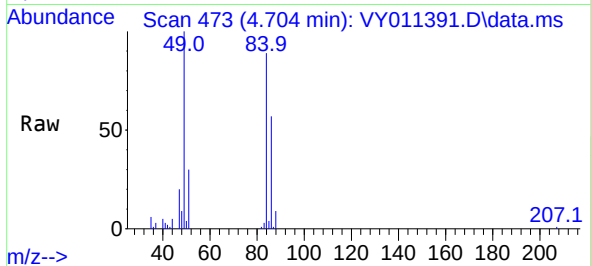




#18
Methyl Acetate
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.231 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

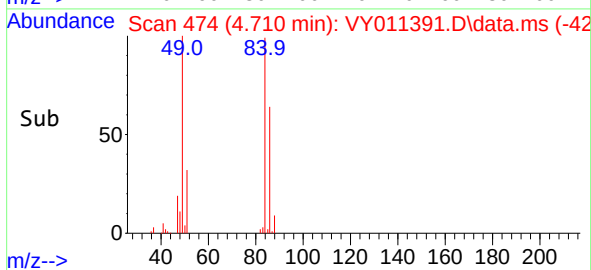
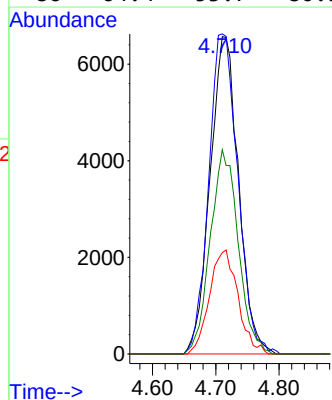
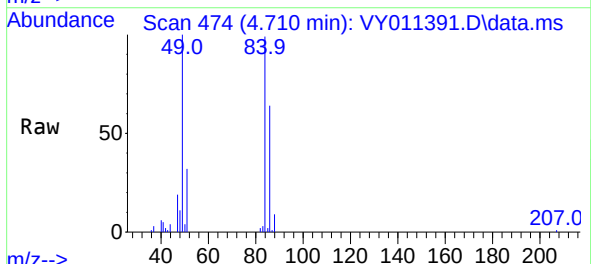
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

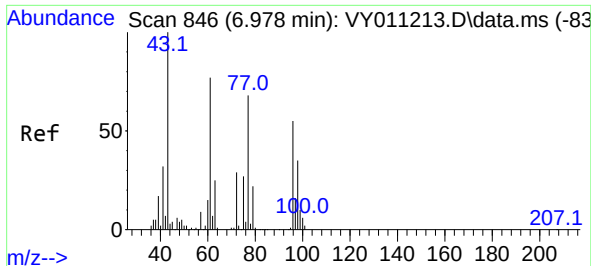
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.148 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 84 Resp: 20507
Ion Ratio Lower Upper
84 100
49 100.8 114.4 171.6#
51 31.9 35.3 52.9#
86 64.4 53.7 80.5

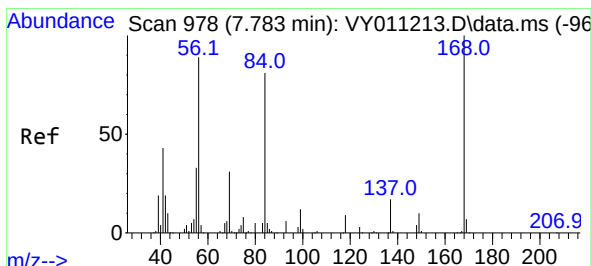
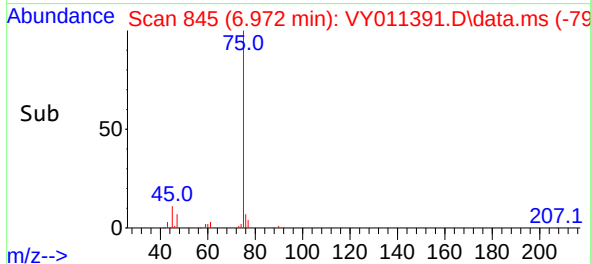
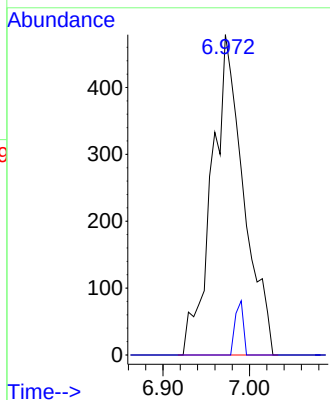
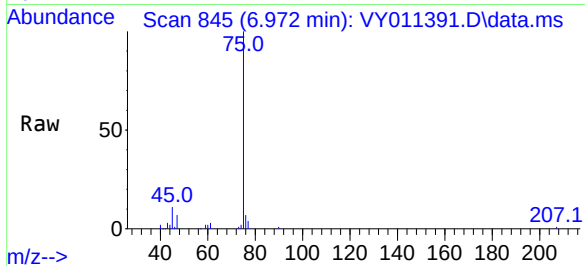




#25
2-Butanone
Concen: 2.123 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

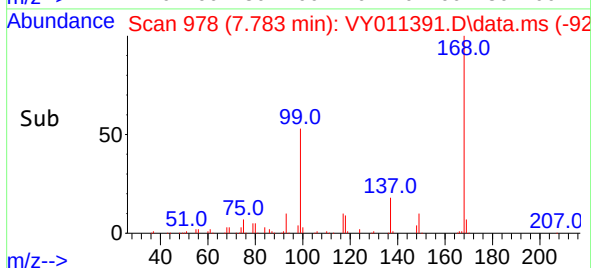
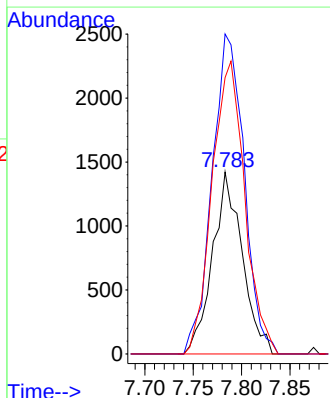
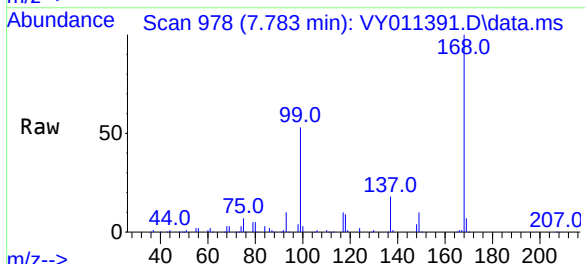
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

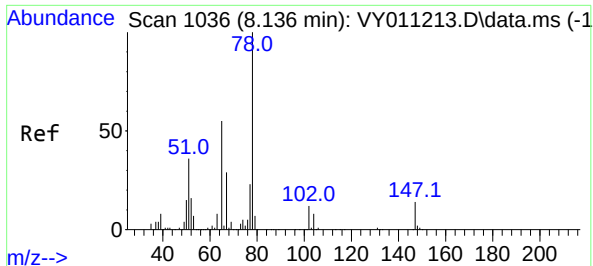
Tgt Ion: 43 Resp: 1224
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 56 Resp: 3030
Ion Ratio Lower Upper
56 100
69 175.9 26.7 40.1#
84 151.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 73.062 ug/l

RT: 8.137 min Scan# 112093

Delta R.T. 0.001 min

Lab File: VY011391.D

Acq: 10 Nov 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

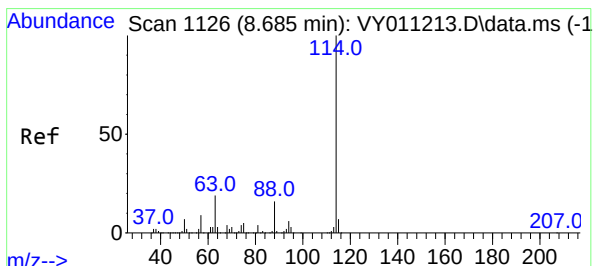
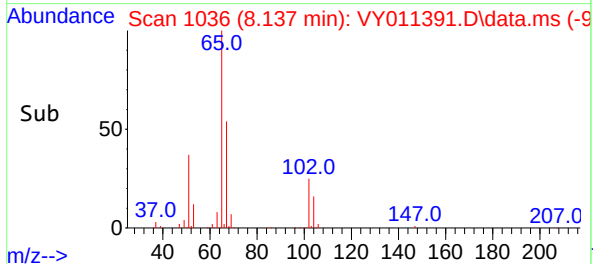
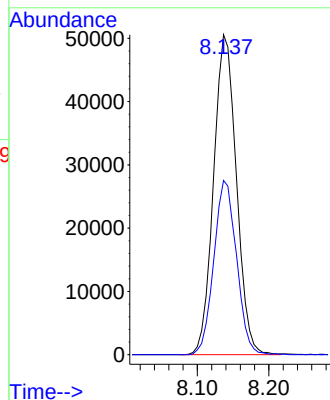
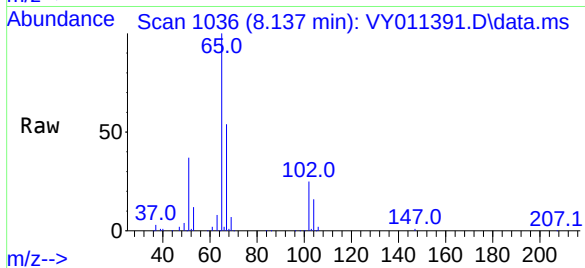
250FERRYBLVD-TFS-08RE

Tgt Ion: 65 Resp: 112093

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011391.D

Acq: 10 Nov 2022 15:30

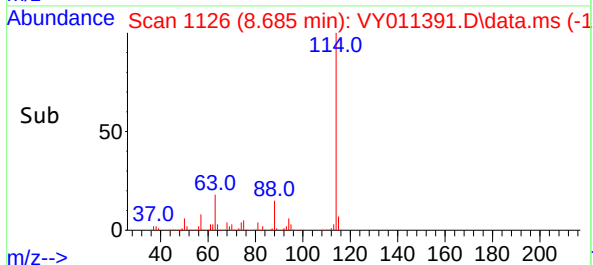
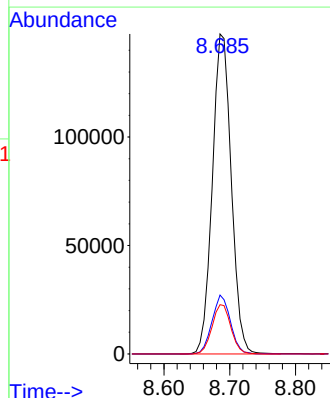
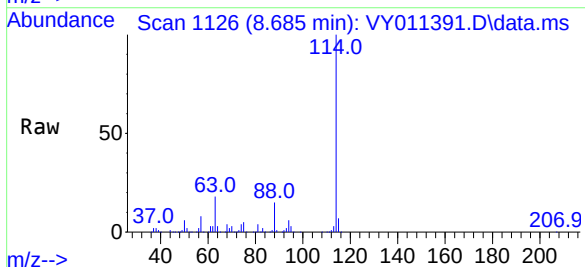
Tgt Ion: 114 Resp: 295638

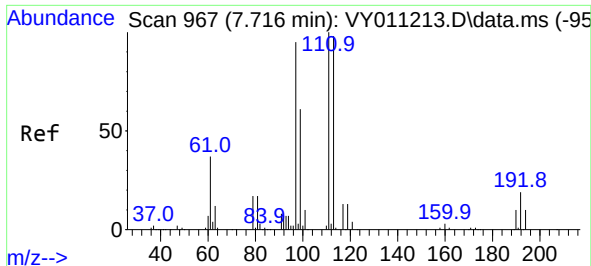
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.4 0.0 31.8

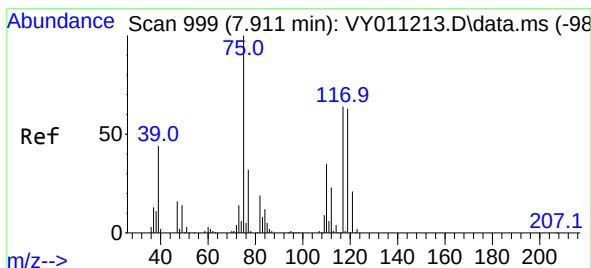
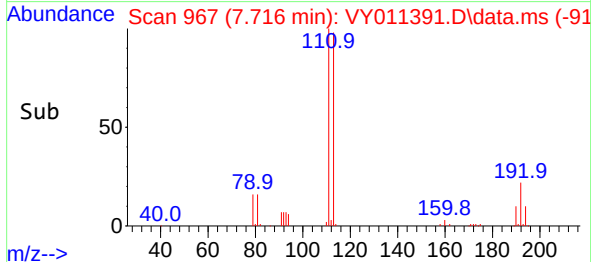
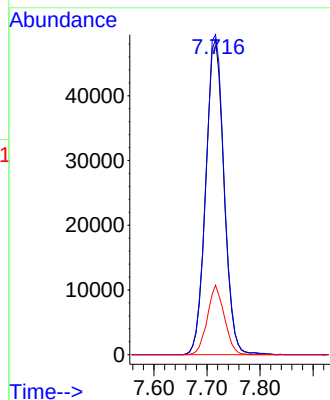
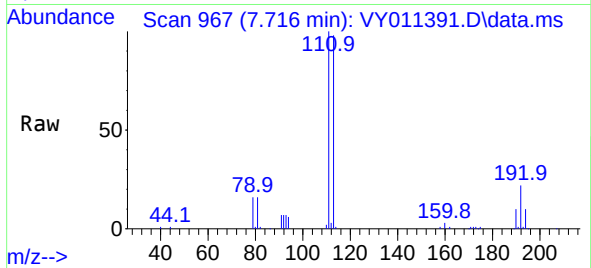




#35
Dibromofluoromethane
Concen: 69.893 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

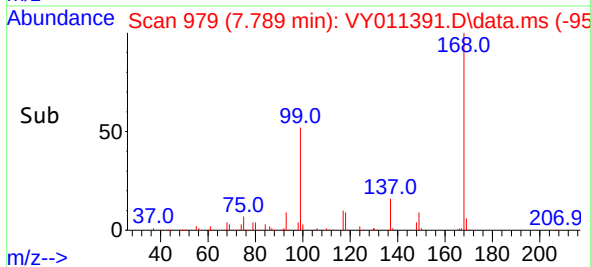
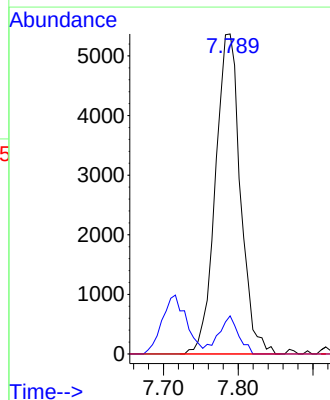
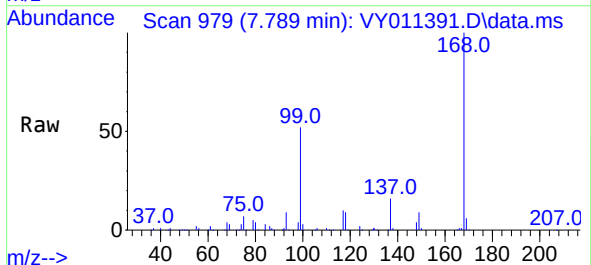
Instrument :
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250FERRYBLVD-TFS-08RE

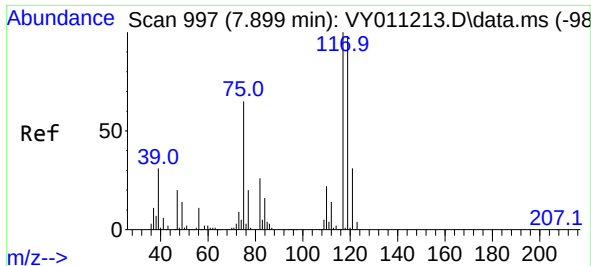
Tgt Ion:113 Resp: 115800
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 75 Resp: 12504
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

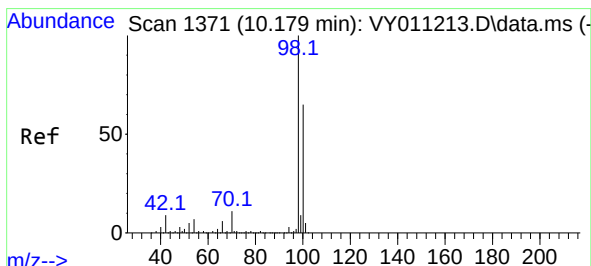
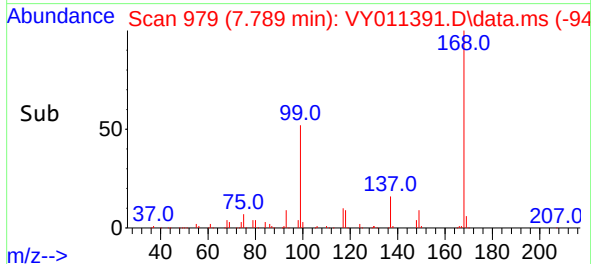
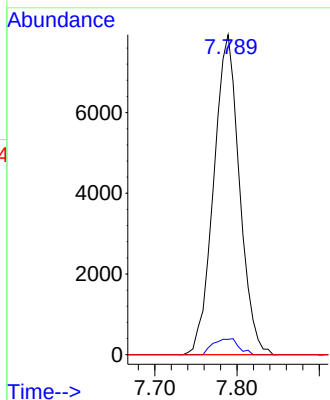
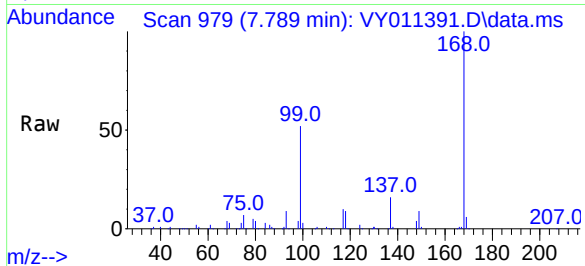




#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

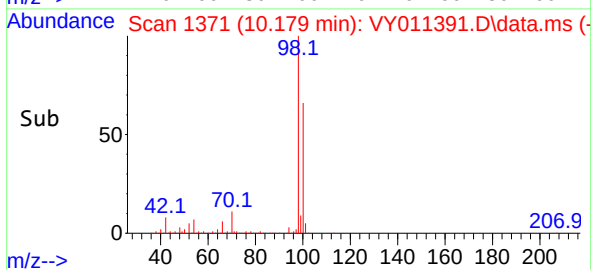
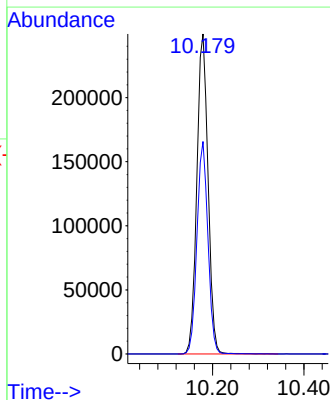
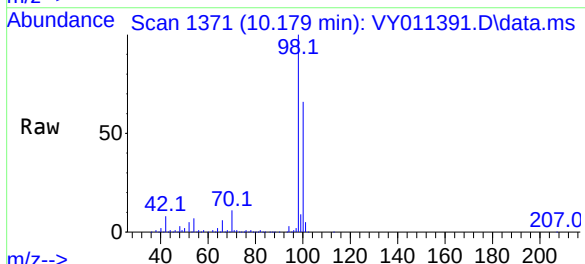
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

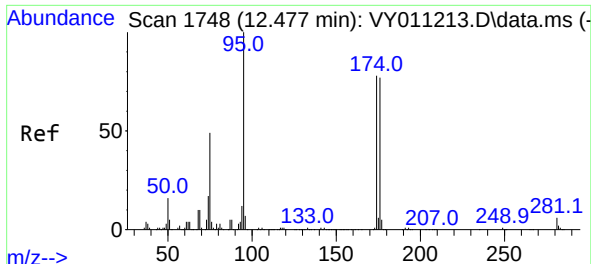
Tgt Ion:117 Resp: 17303
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 67.064 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 98 Resp: 424484
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

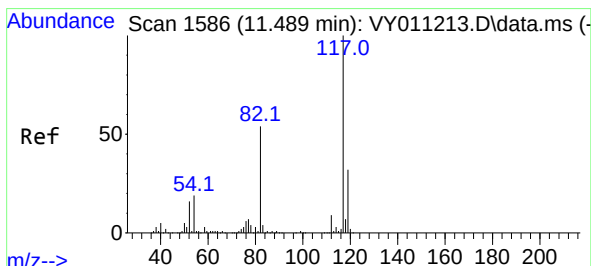
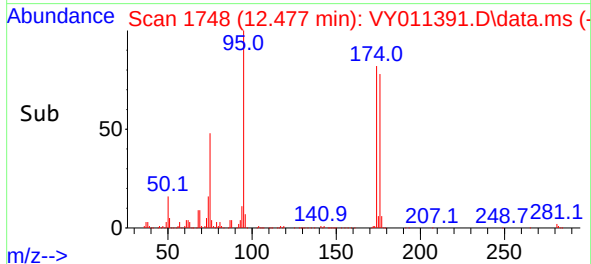
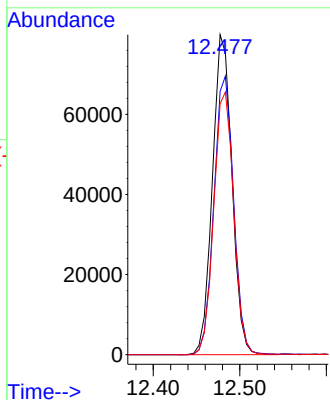
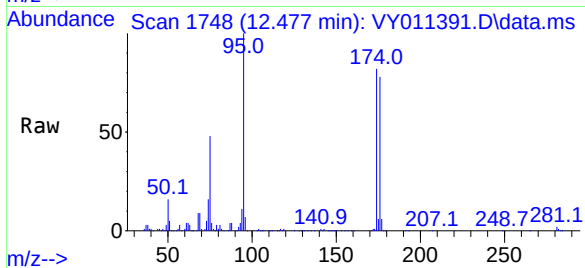




#62
4-Bromofluorobenzene
Concen: 56.703 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

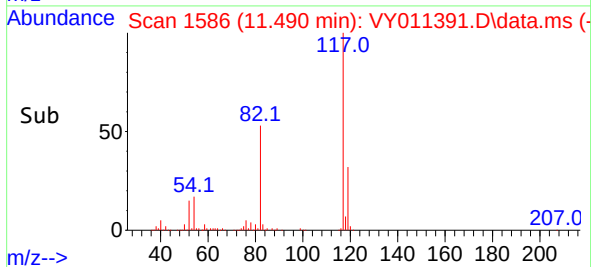
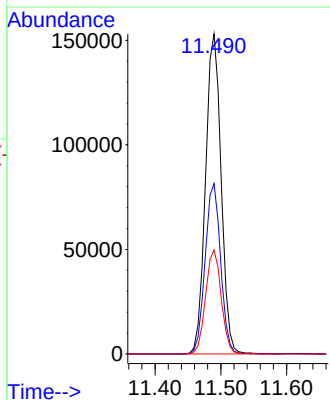
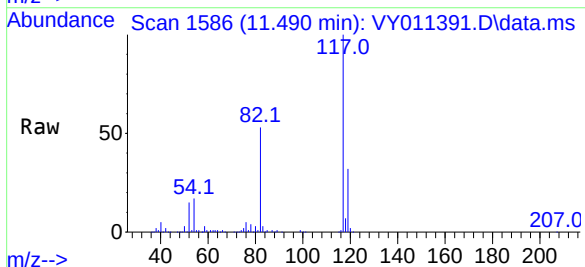
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

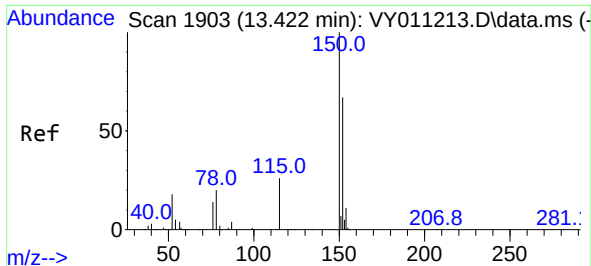
Tgt Ion: 95 Resp: 125184
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 83.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 117 Resp: 252126
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.4 25.4 38.0

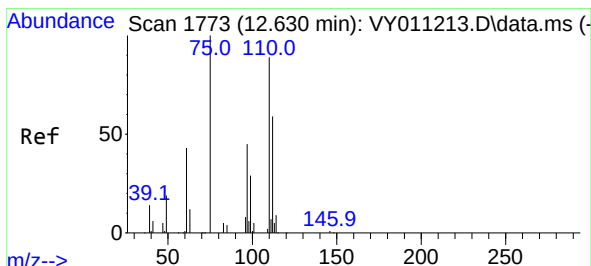
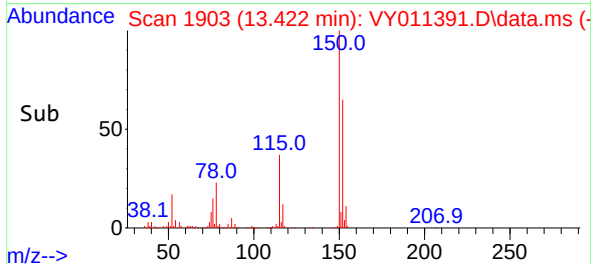
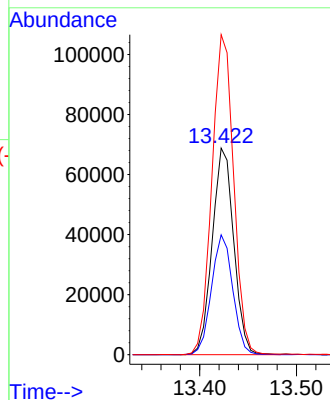
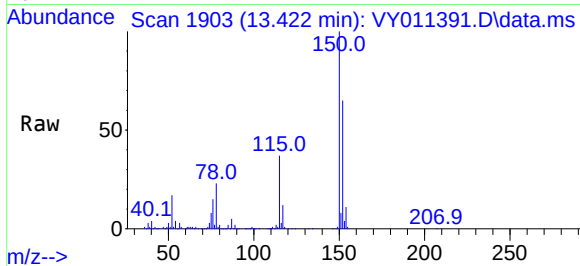




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

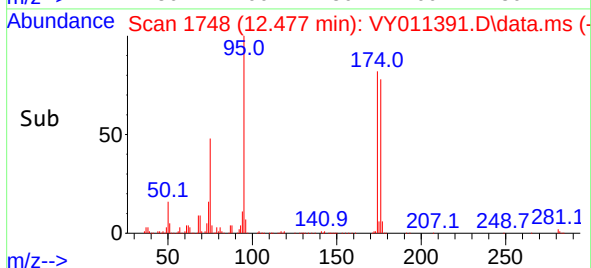
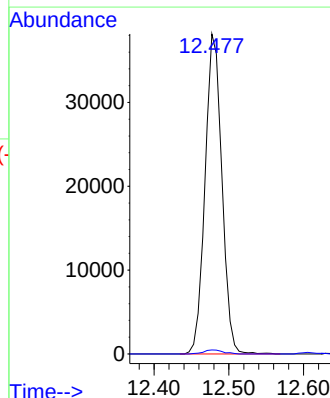
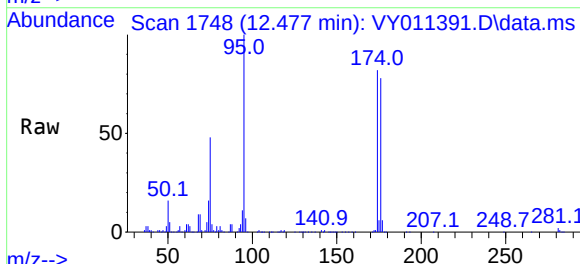
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

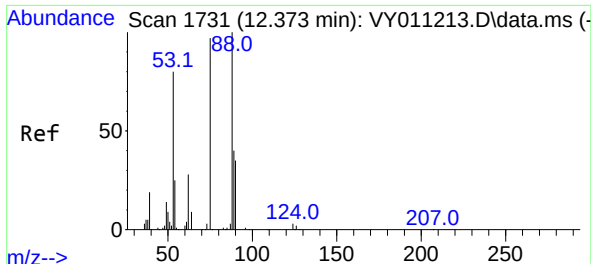
Tgt Ion:152 Resp: 106471
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.422 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 75 Resp: 59677
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

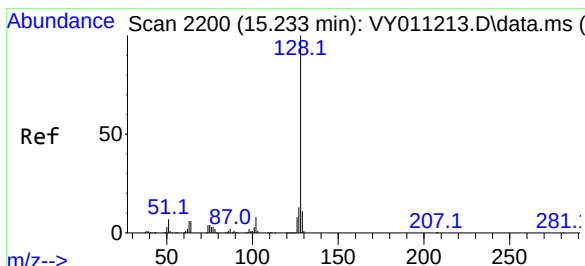
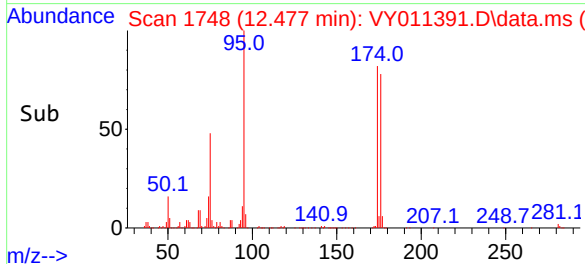
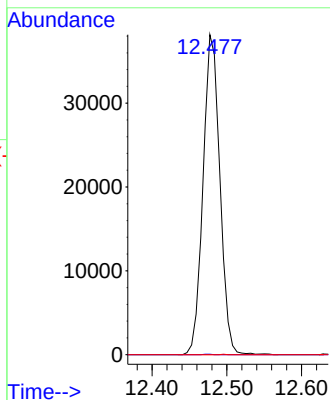
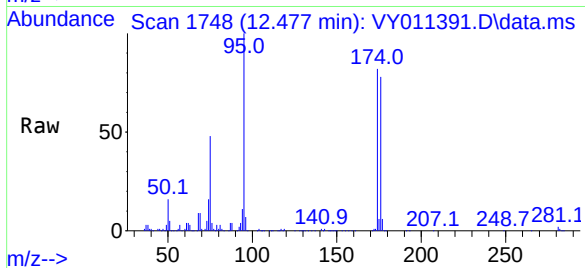




#81
trans-1,4-Dichloro-2-butene
Concen: 116.392 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08RE

Tgt Ion: 75 Resp: 59677
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.678 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011391.D
Acq: 10 Nov 2022 15:30

Tgt Ion: 128 Resp: 1734
Ion Ratio Lower Upper
128 100
127 4.9 11.0 16.4#
129 12.3 8.4 12.6

