

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\Not Reviewed Data\
 Data File : VY011392.D
 Acq On : 10 Nov 2022 15:53
 Operator : KP/MD
 Sample : N5436-09RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-09RE

Quant Time: Nov 10 19:19:03 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)

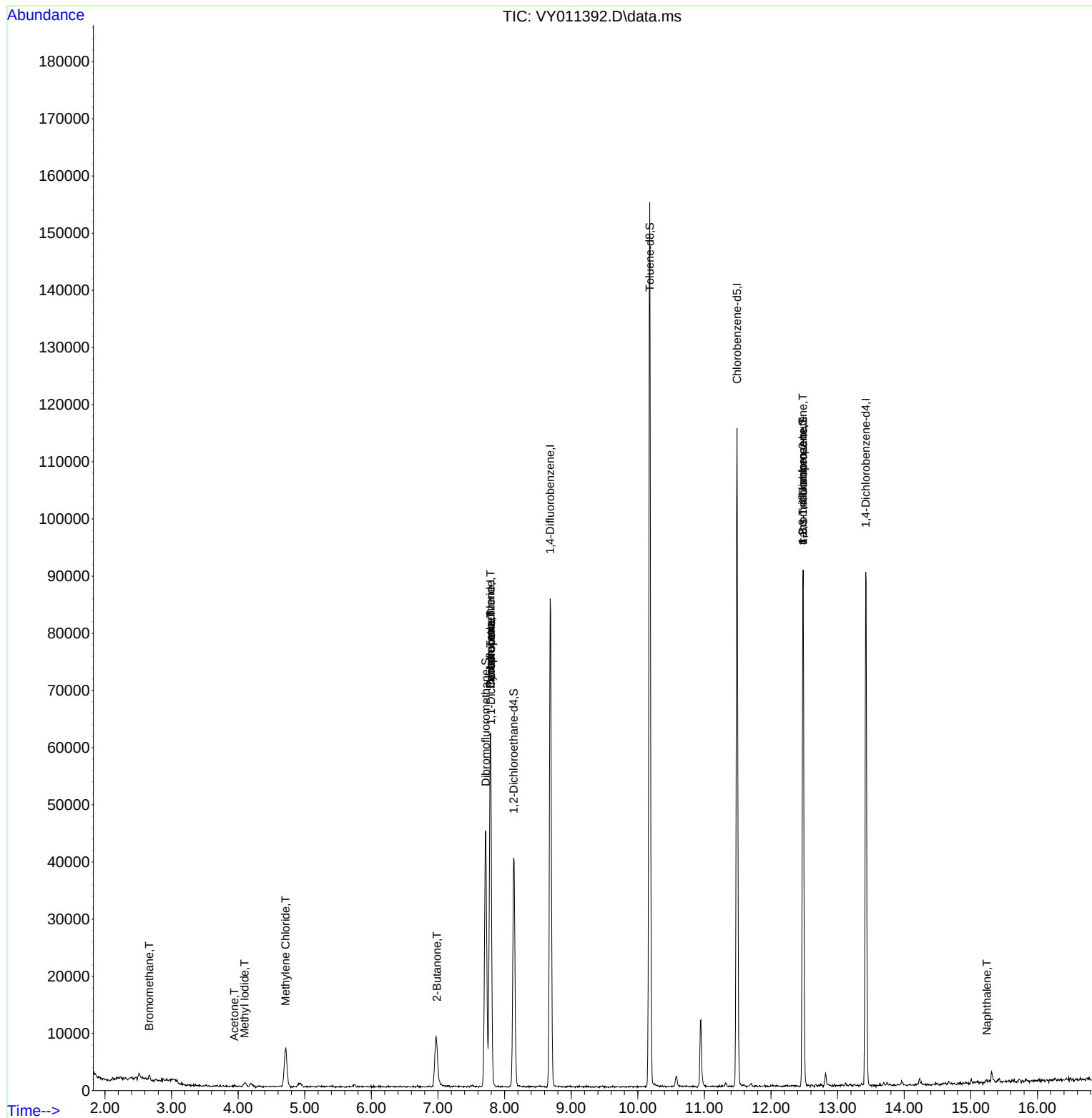
Internal Standards						
1) Pentafluorobenzene	7.789	168	51335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32664	75.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.860%
35) Dibromofluoromethane	7.716	113	32006	72.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.760%
50) Toluene-d8	10.179	98	107128	63.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.700%
62) 4-Bromofluorobenzene	12.477	95	30051	51.353	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.700%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	448	1.272	ug/l	83
10) Methyl Iodide	4.094	142	1187	1.913	ug/l #	85
11) Tert butyl alcohol	4.930	59	877	Below Cal	#	77
16) Acetone	3.942	43	170	1.498	ug/l #	47
18) Methyl Acetate	4.210	43	22	Below Cal	#	56
20) Methylene Chloride	4.710	84	5629	1.918	ug/l #	79
25) 2-Butanone	6.984	43	180	1.113	ug/l #	54
31) Cyclohexane	7.789	56	805	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3603	5.286	ug/l #	49
38) Carbon Tetrachloride	7.789	117	5045	6.804	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14058	46.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14058	112.926	ug/l #	7
95) Naphthalene	15.239	128	607	3.855	ug/l #	69

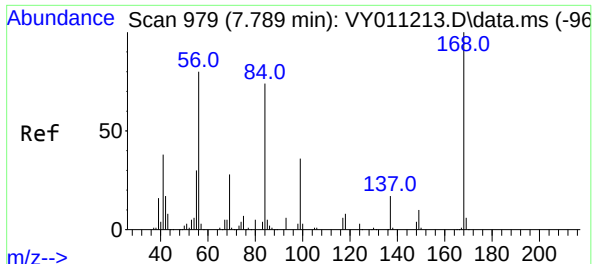
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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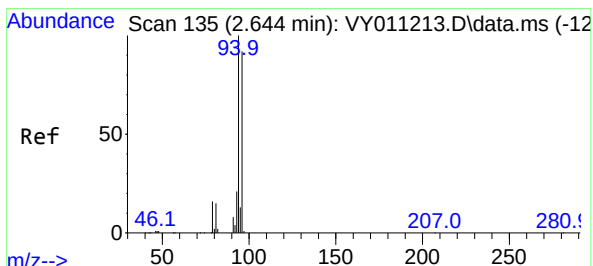
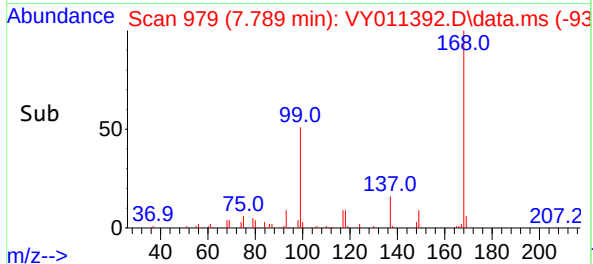
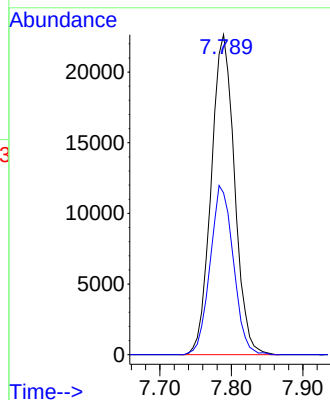
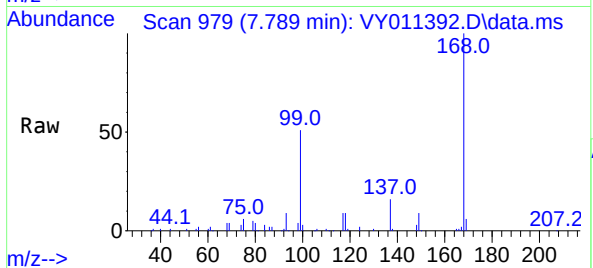




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

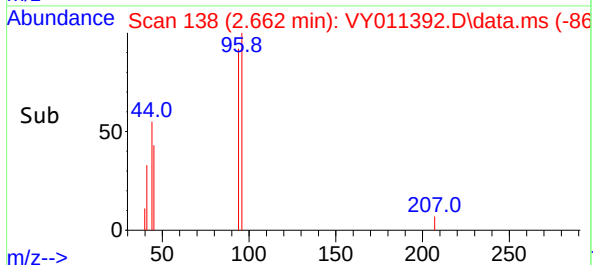
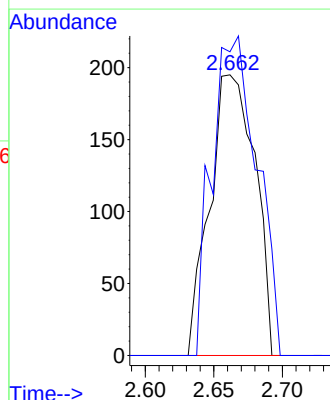
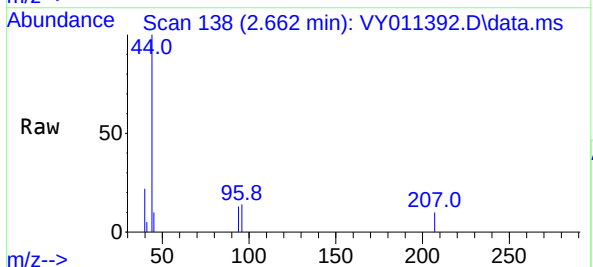
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

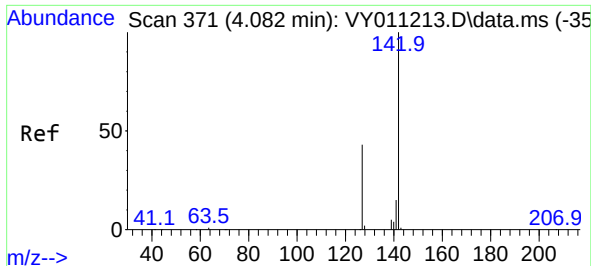
Tgt Ion:168 Resp: 51335
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#5
Bromomethane
Concen: 1.272 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 108.2 73.5 110.3





#10

Methyl Iodide

Concen: 1.913 ug/l

RT: 4.094 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY011392.D

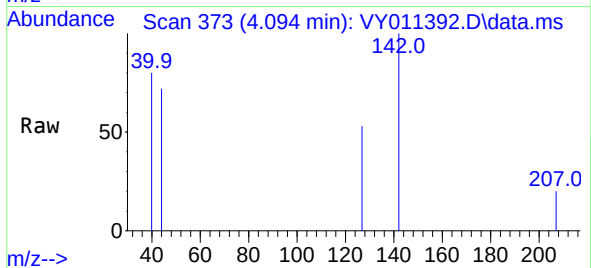
Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-09RE



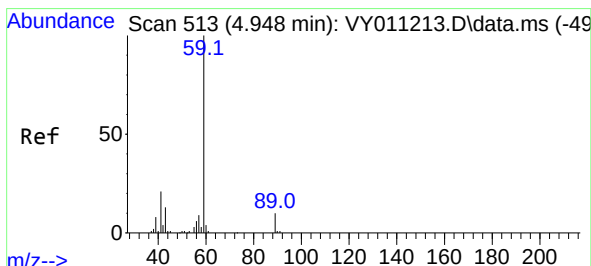
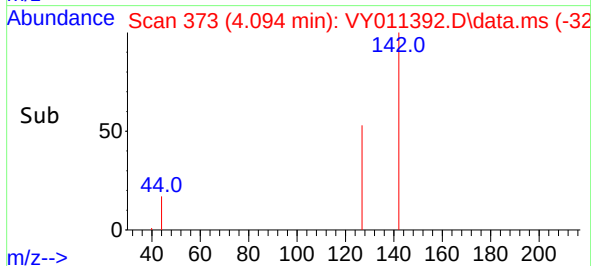
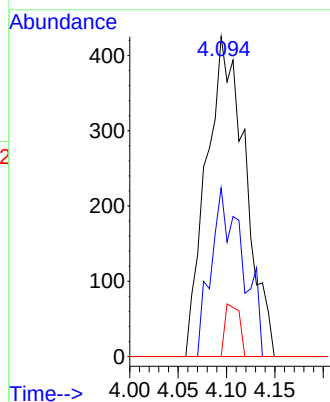
Tgt Ion:142 Resp: 1187

Ion Ratio Lower Upper

142 100

127 42.8 41.5 62.3

141 6.1 11.9 17.9#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 510

Delta R.T. -0.024 min

Lab File: VY011392.D

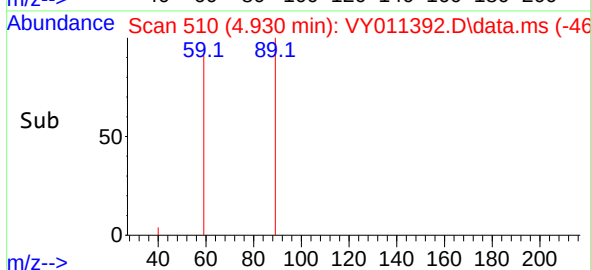
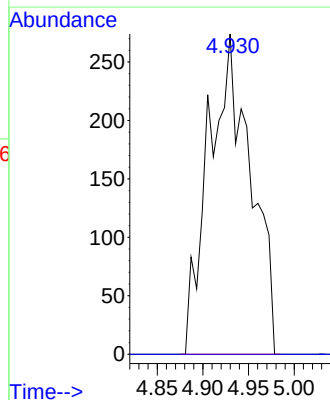
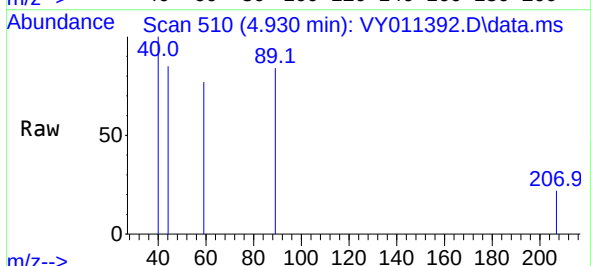
Acq: 10 Nov 2022 15:53

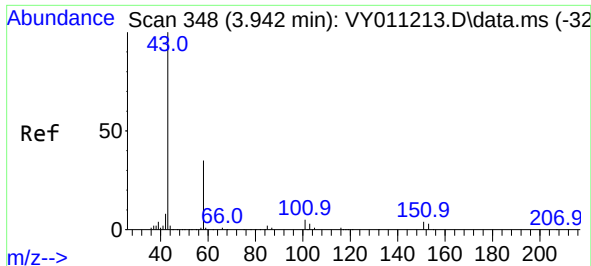
Tgt Ion: 59 Resp: 877

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#

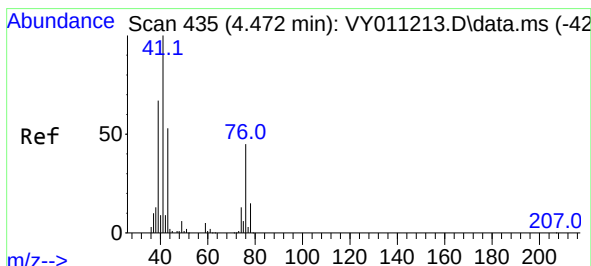
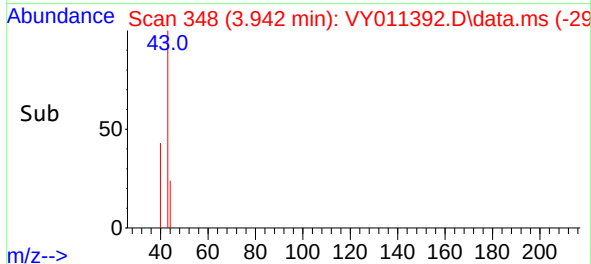
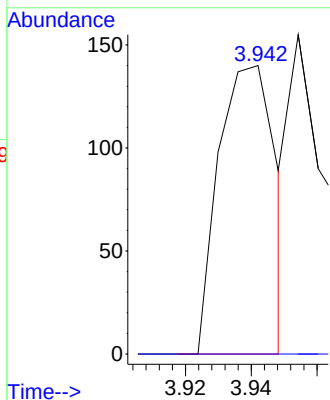
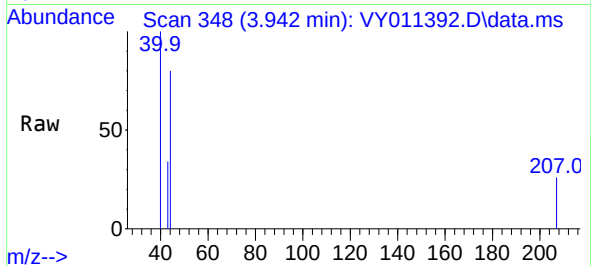




#16
Acetone
Concen: 1.498 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

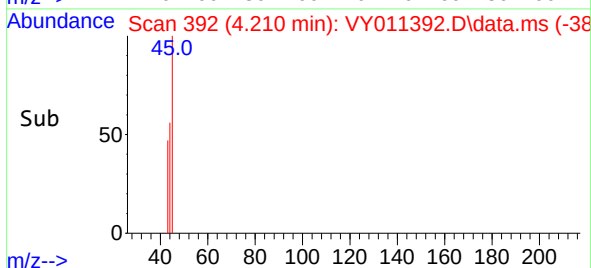
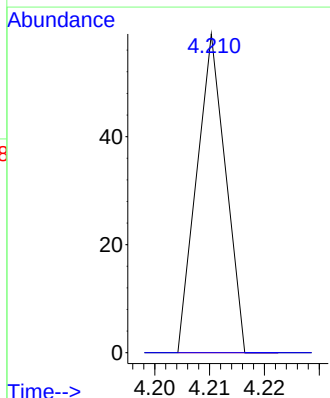
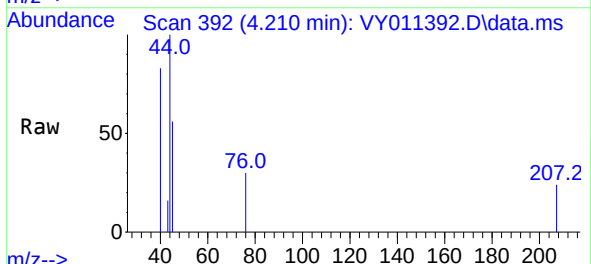
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

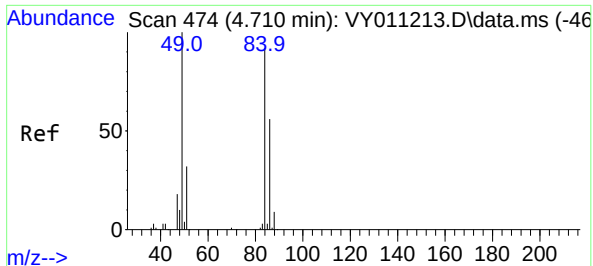
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.210 min Scan# 392
Delta R.T. -0.263 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

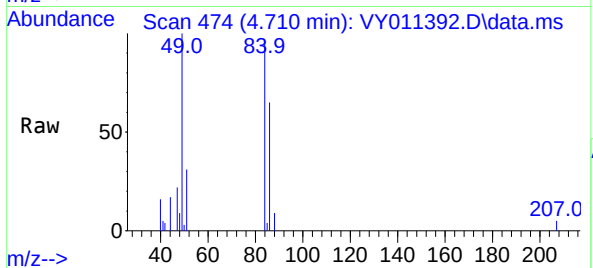
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





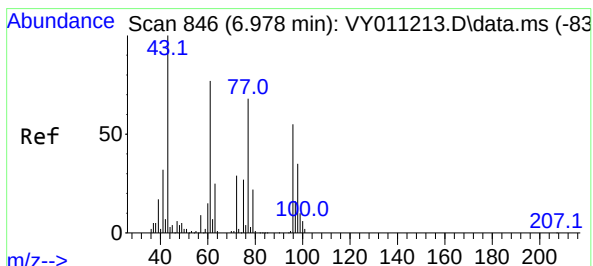
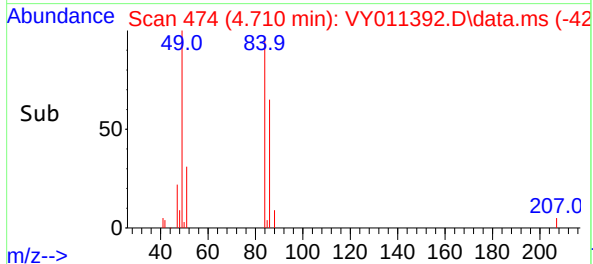
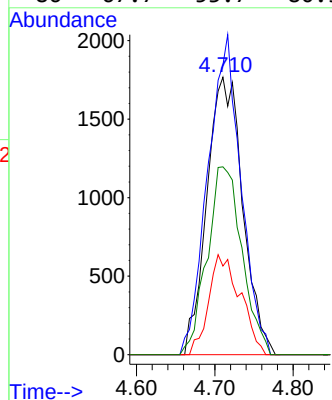
#20
Methylene Chloride
Concen: 1.918 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE



Tgt Ion: 84 Resp: 5629

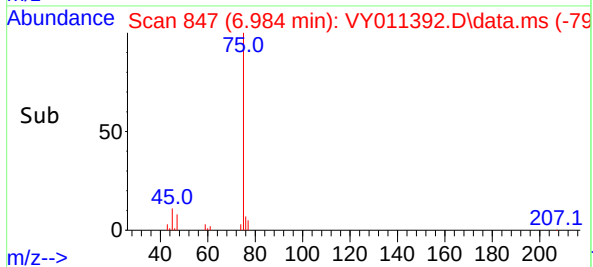
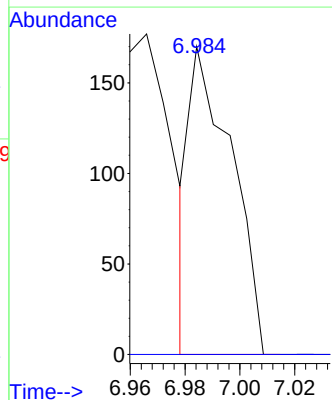
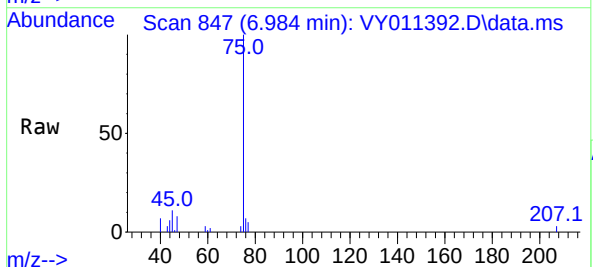
Ion	Ratio	Lower	Upper
84	100		
49	104.4	114.4	171.6#
51	32.0	35.3	52.9#
86	67.7	53.7	80.5

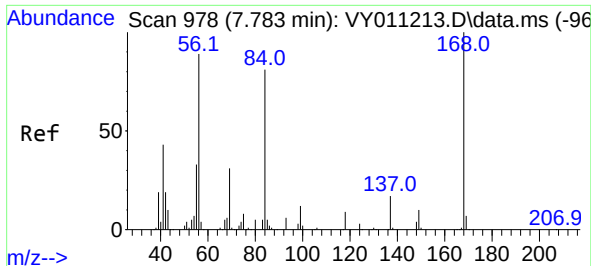


#25
2-Butanone
Concen: 1.113 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 43 Resp: 180

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

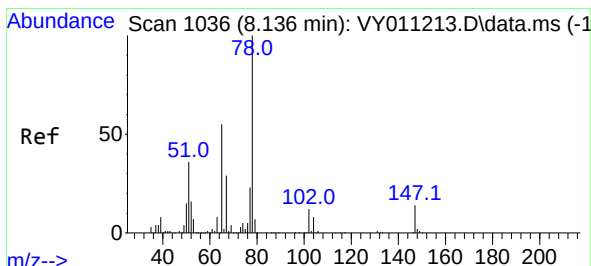
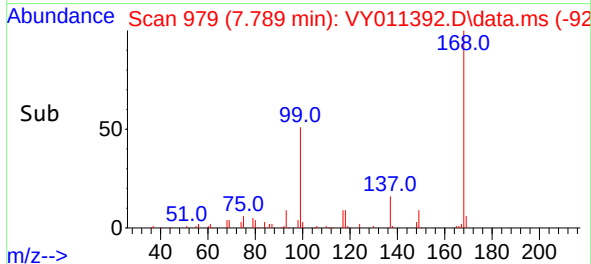
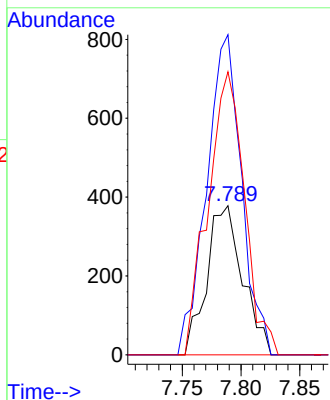
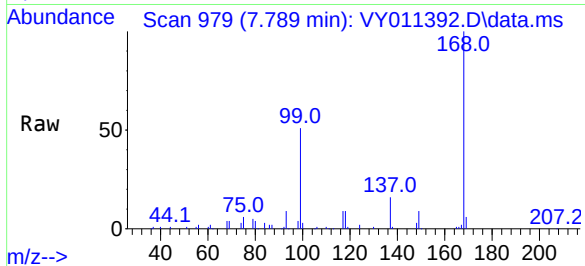




#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

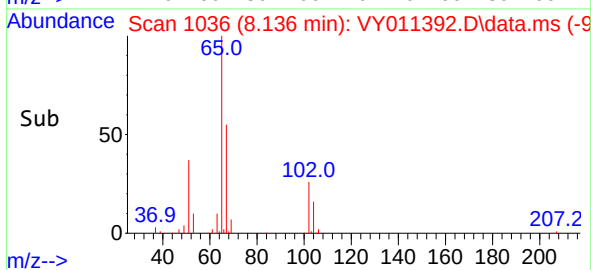
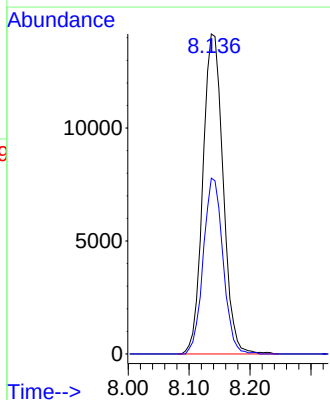
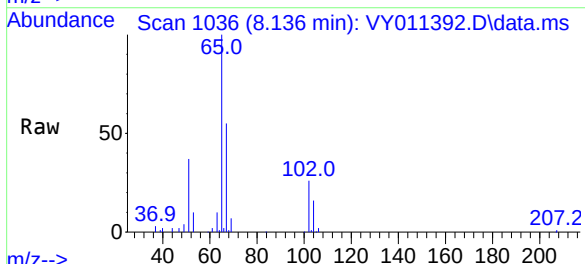
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

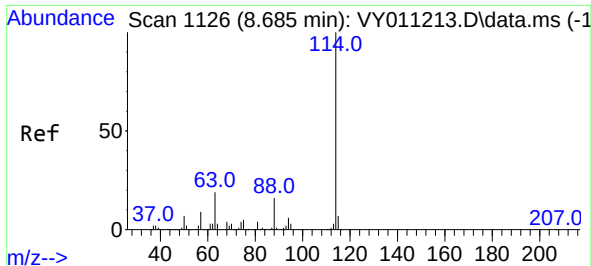
Tgt Ion: 56 Resp: 805
Ion Ratio Lower Upper
56 100
69 214.8 26.7 40.1#
84 189.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 75.932 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 65 Resp: 32664
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

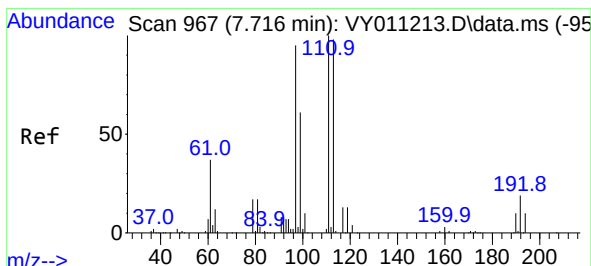
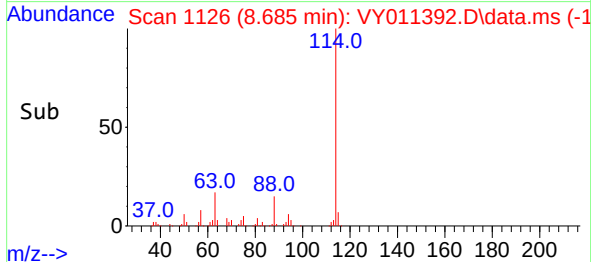
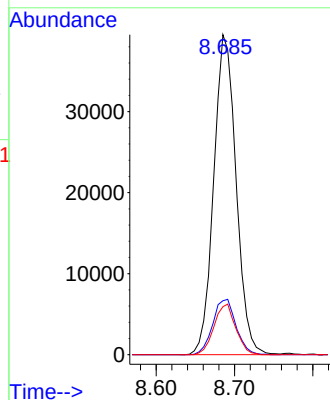
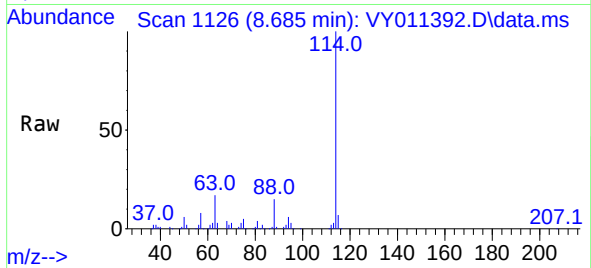




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

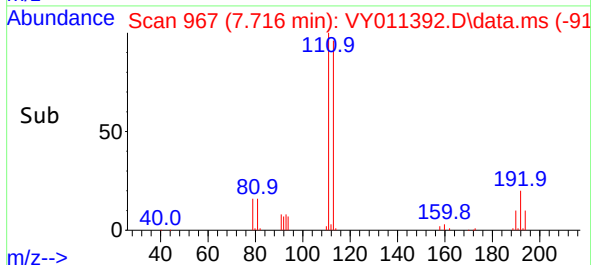
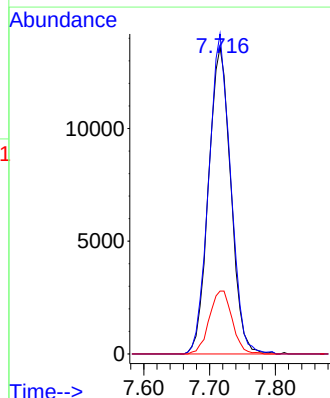
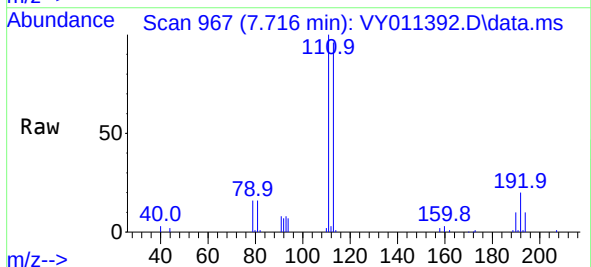
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

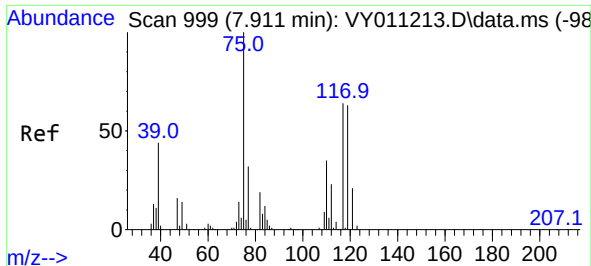
Tgt Ion:	114	Resp:	78364
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 72.878 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion:	113	Resp:	32006
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	21.2	17.6	26.4





#36

1,1-Dichloropropene

Concen: 5.286 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY011392.D

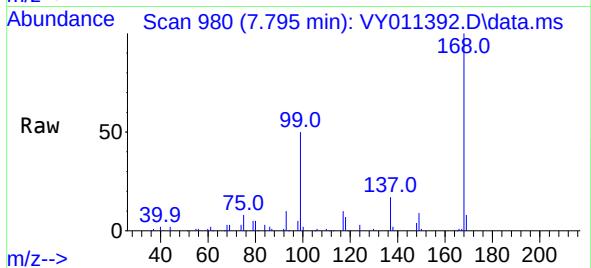
Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-09RE



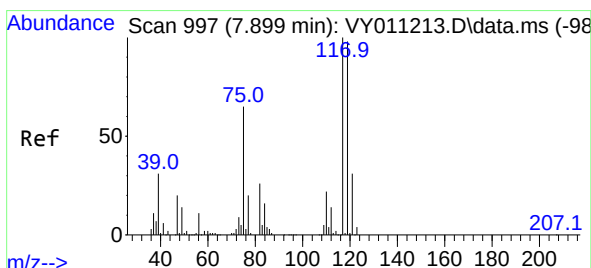
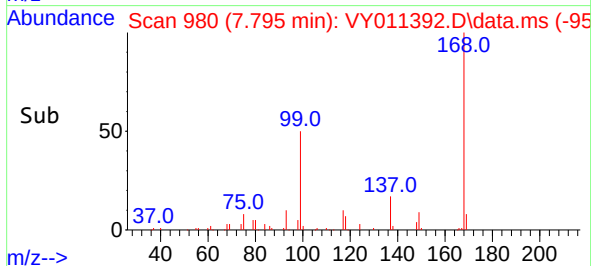
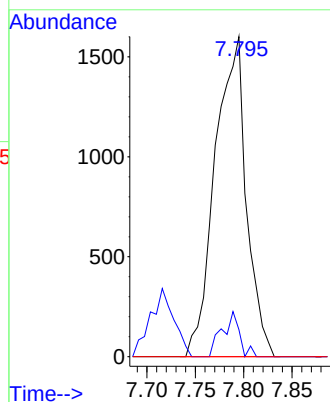
Tgt Ion: 75 Resp: 3603

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.804 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011392.D

Acq: 10 Nov 2022 15:53

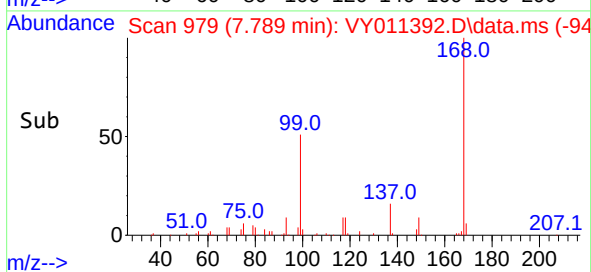
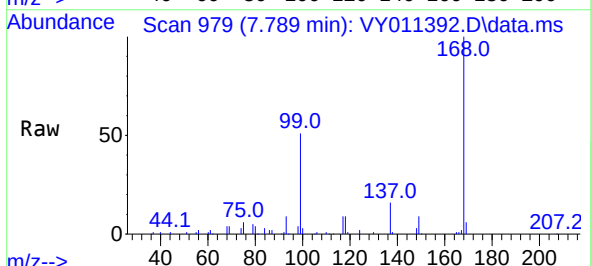
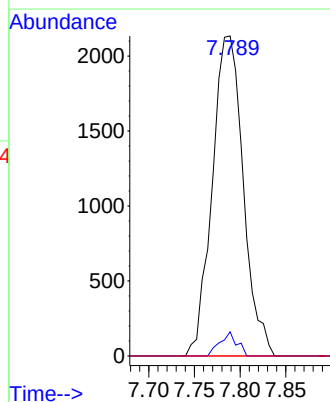
Tgt Ion: 117 Resp: 5045

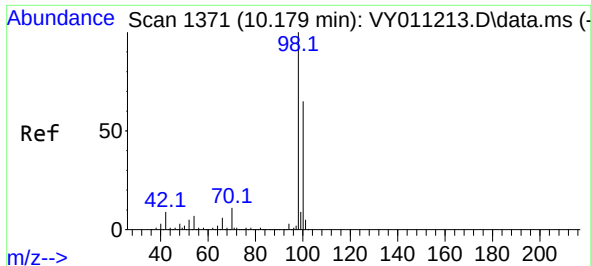
Ion Ratio Lower Upper

117 100

119 7.5 77.9 116.9#

121 0.0 24.8 37.2#

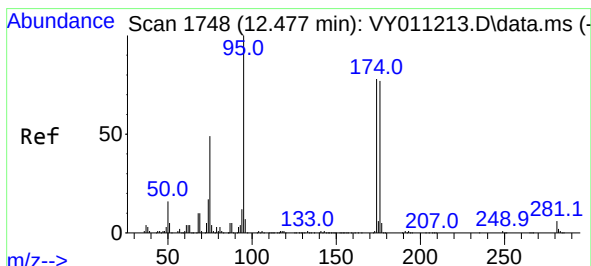
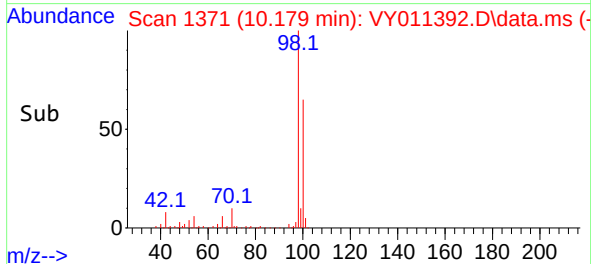
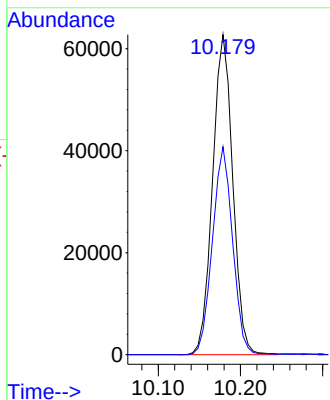
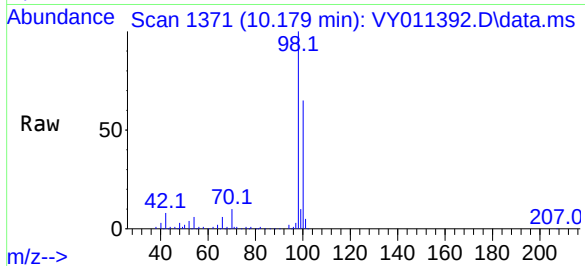




#50
Toluene-d8
Concen: 63.852 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

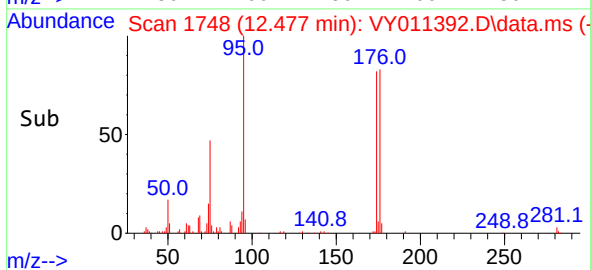
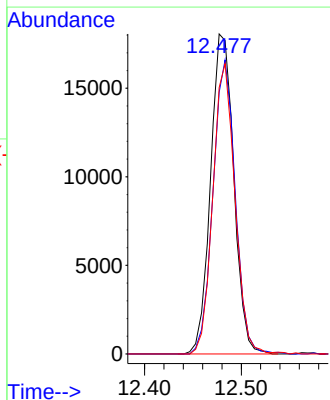
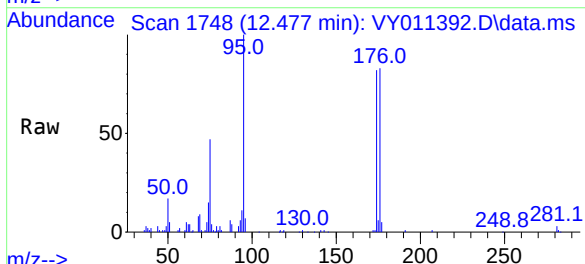
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

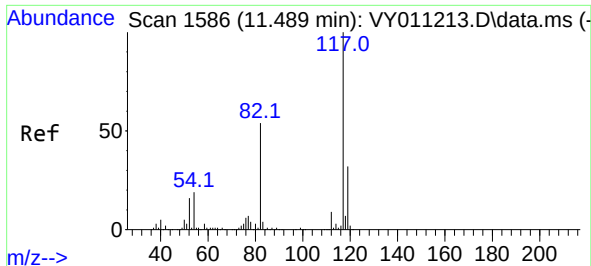
Tgt Ion: 98 Resp: 107128
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.353 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 95 Resp: 30051
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 86.5 0.0 175.8

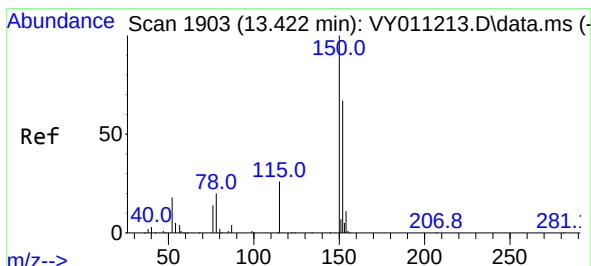
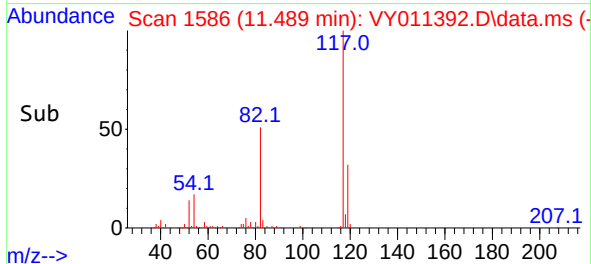
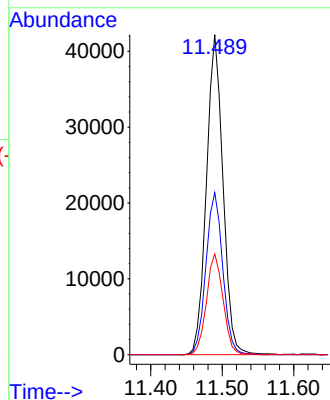
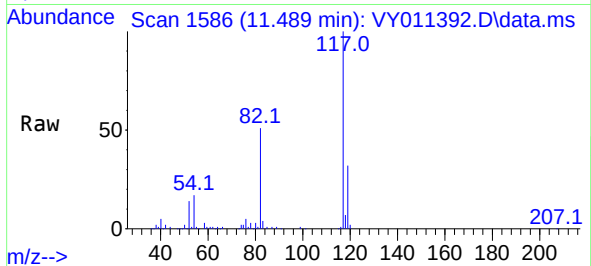




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

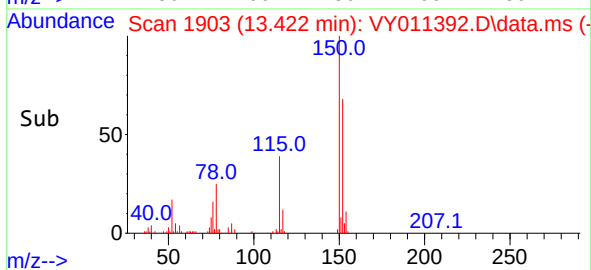
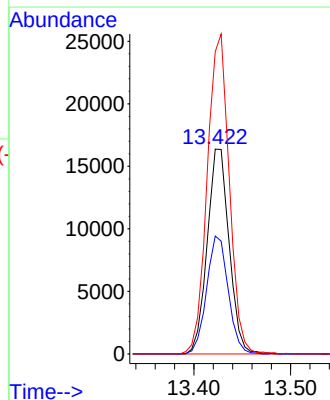
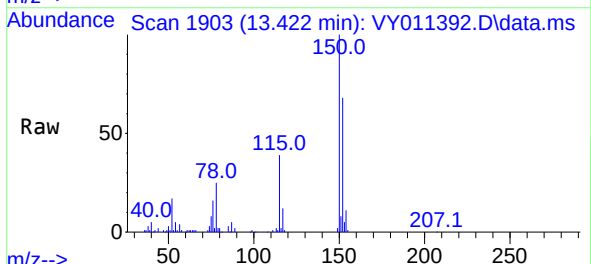
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

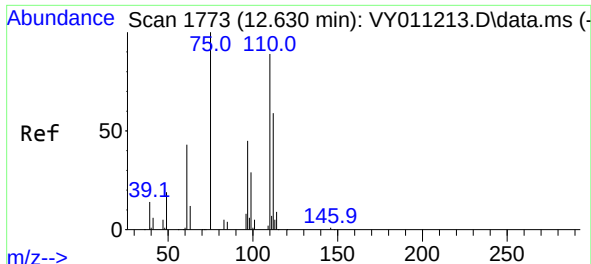
Tgt Ion:117 Resp: 67740
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Tgt Ion:152 Resp: 25851
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 156.7 0.0 347.6

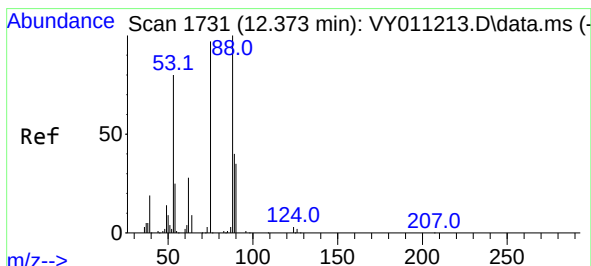
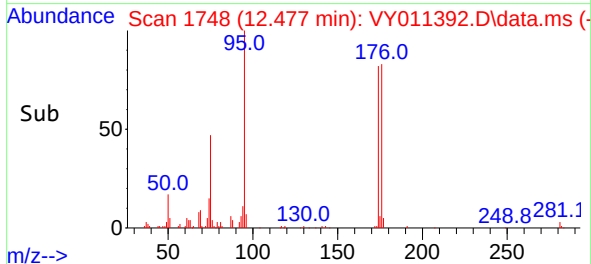
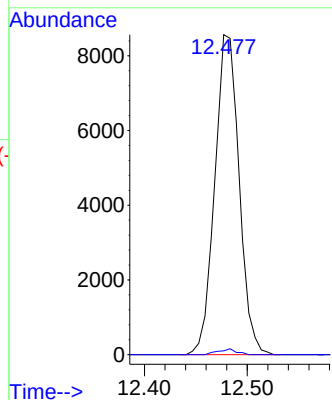
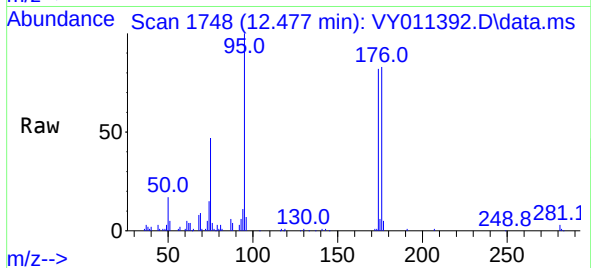




#76
1,2,3-Trichloropropane
Concen: 46.980 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

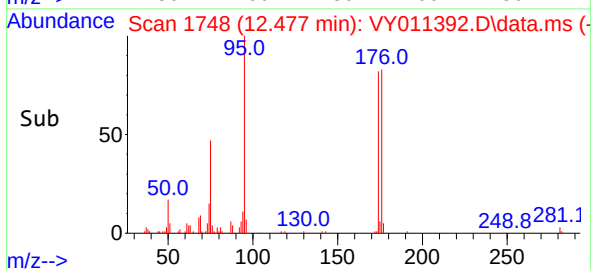
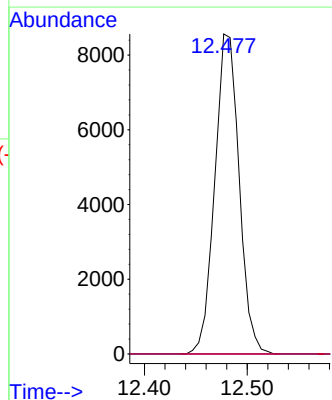
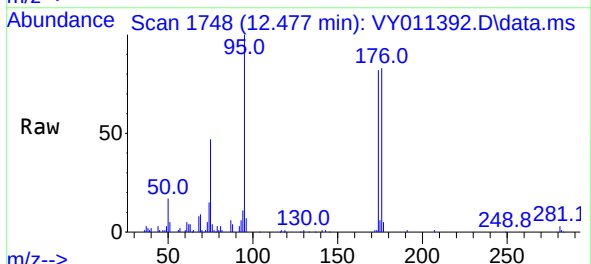
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE

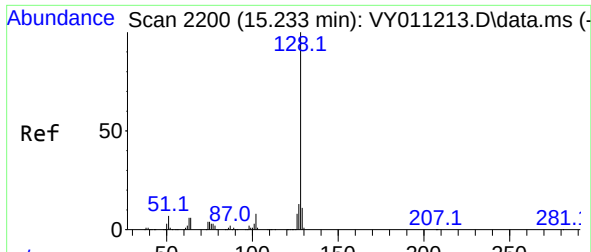
Tgt Ion: 75 Resp: 14058
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.926 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

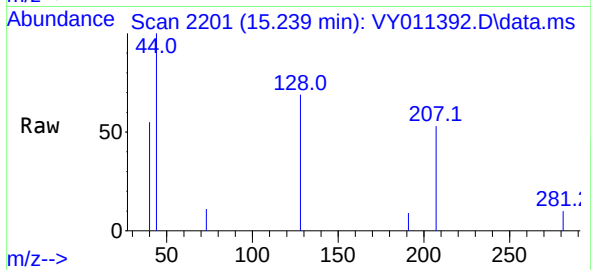
Tgt Ion: 75 Resp: 14058
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.855 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011392.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09RE



Tgt Ion:128 Resp: 607
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

