

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011316.D
 Acq On : 04 Nov 2022 22:26
 Operator : KP/MD
 Sample : N5436-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-07

Quant Time: Nov 07 01:56:44 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)

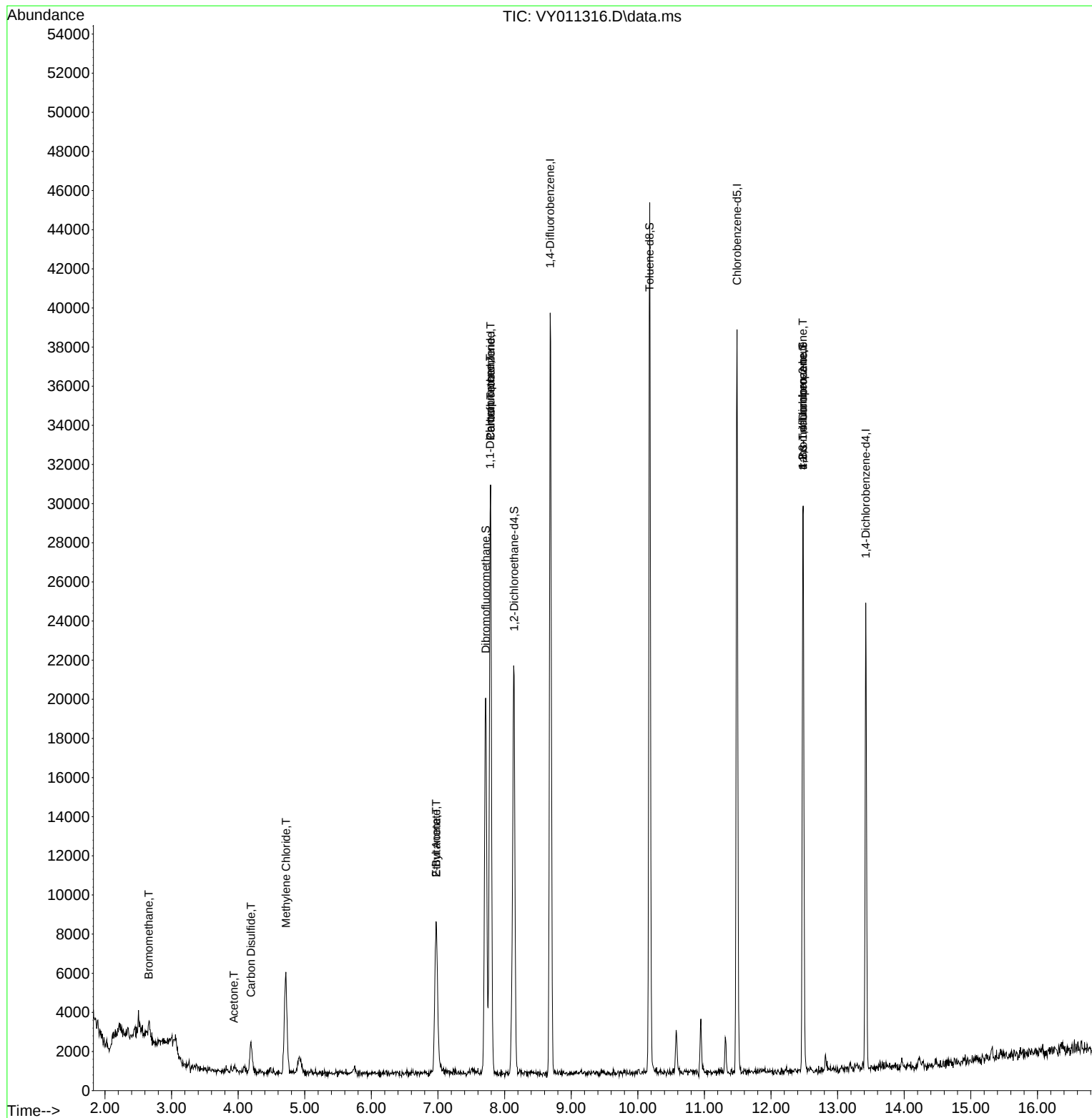
Internal Standards						
1) Pentafluorobenzene	7.789	168	23931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15656	61.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.340%	
35) Dibromofluoromethane	7.716	113	14729	67.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.140%	
50) Toluene-d8	10.179	98	30397	35.651	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 71.300%	
62) 4-Bromofluorobenzene	12.477	95	9424	31.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	252	1.274	ug/l	98
11) Tert butyl alcohol	4.917	59	1045	Below Cal	#	77
16) Acetone	3.936	43	554	7.171	ug/l #	47
17) Carbon Disulfide	4.192	76	2453	2.869	ug/l #	79
20) Methylene Chloride	4.716	84	3891	8.101	ug/l	86
25) 2-Butanone	6.972	43	418	3.845	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	1837	5.122	ug/l #	46
37) Ethyl Acetate	6.972	43	418	2.162	ug/l #	1
38) Carbon Tetrachloride	7.789	117	2275	6.115	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	4448	56.742	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4448	121.436	ug/l #	7

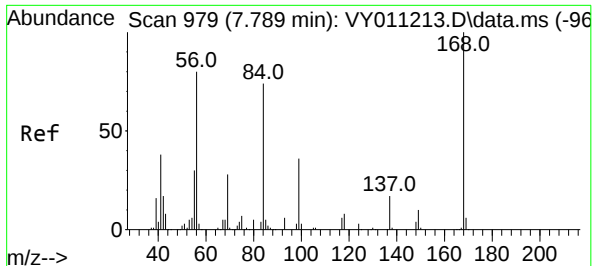
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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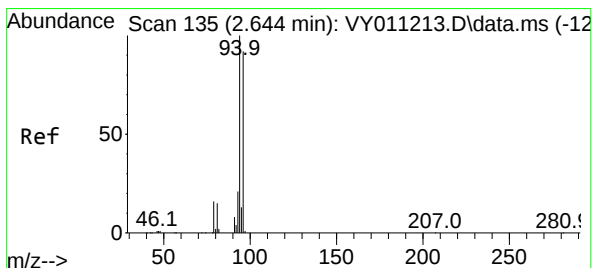
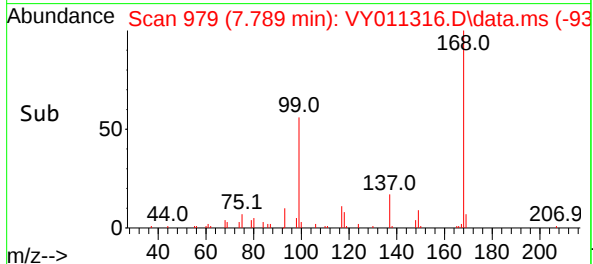
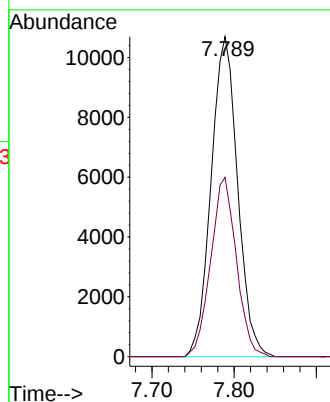
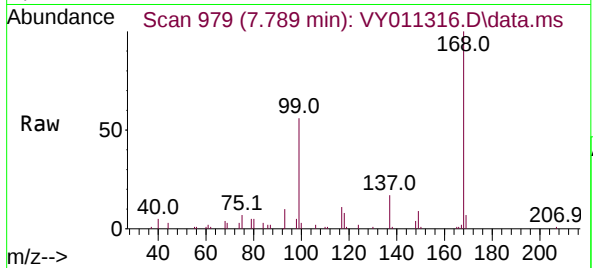




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

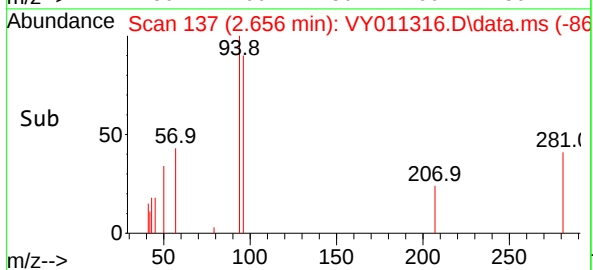
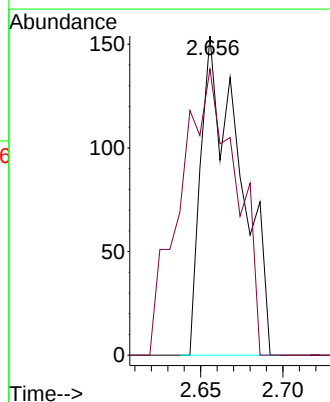
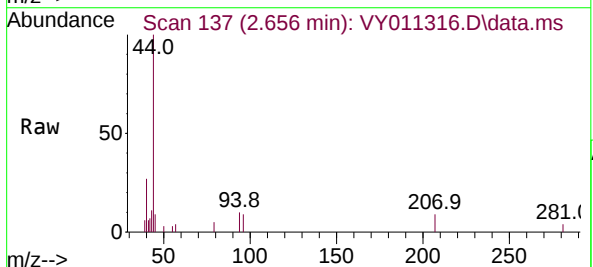
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

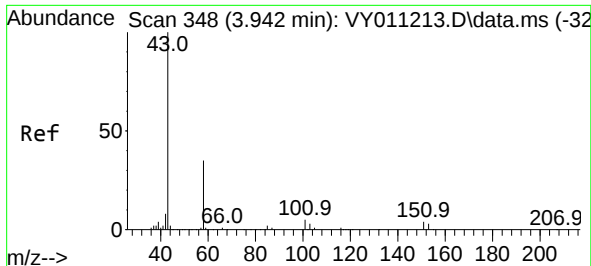
Tgt Ion:168 Resp: 23931
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#5
Bromomethane
Concen: 1.274 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 89.6 73.5 110.3

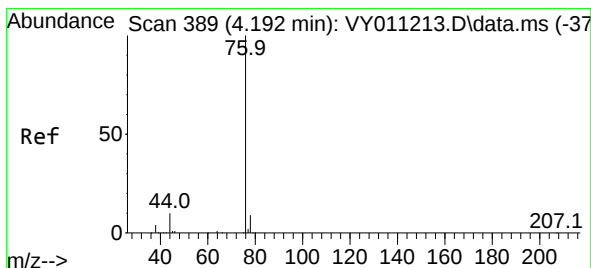
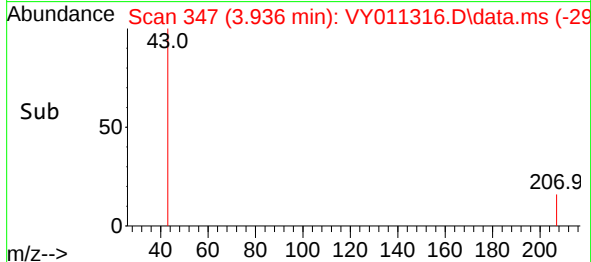
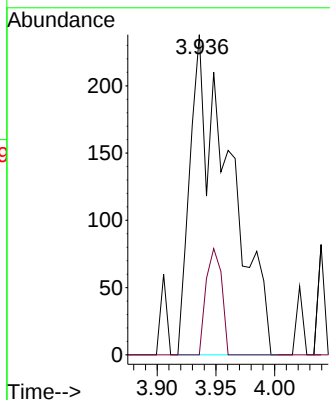
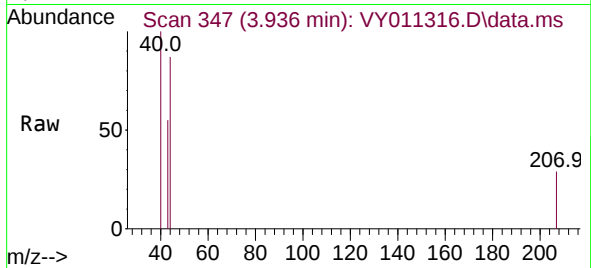




#16
Acetone
Concen: 7.171 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

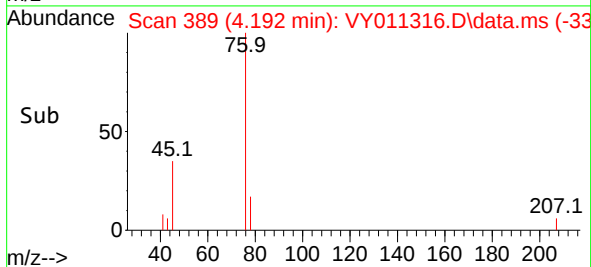
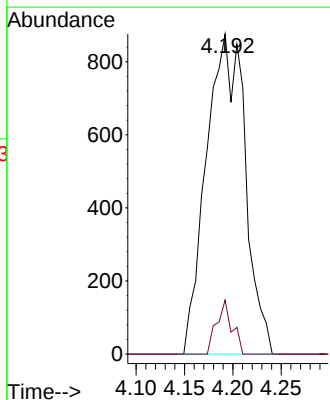
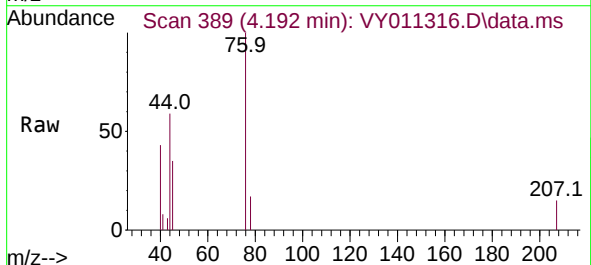
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

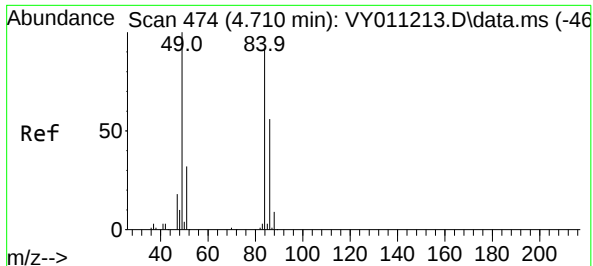
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#17
Carbon Disulfide
Concen: 2.869 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 76 Resp: 2453
Ion Ratio Lower Upper
76 100
78 16.9 7.4 11.0#

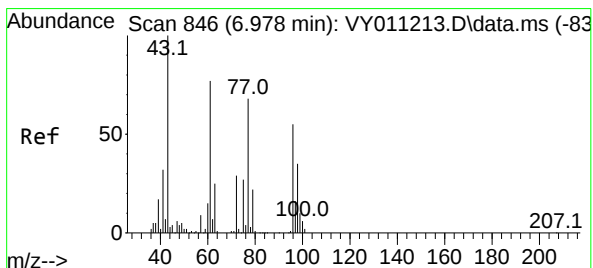
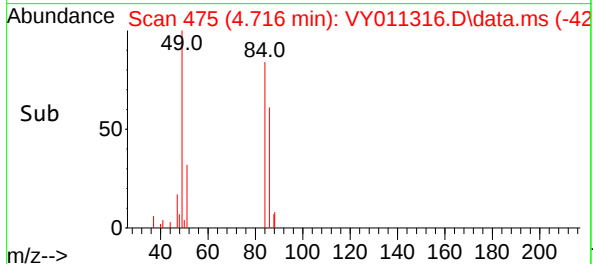
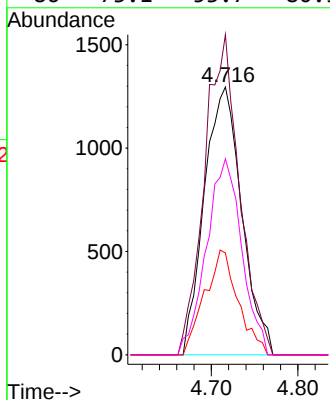
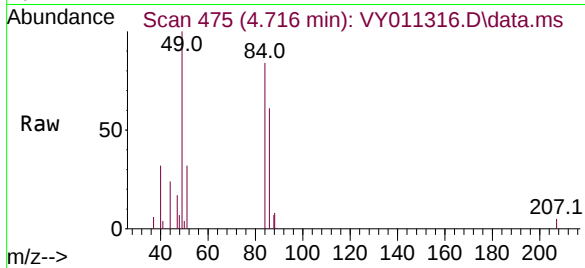




#20
Methylene Chloride
Concen: 8.101 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

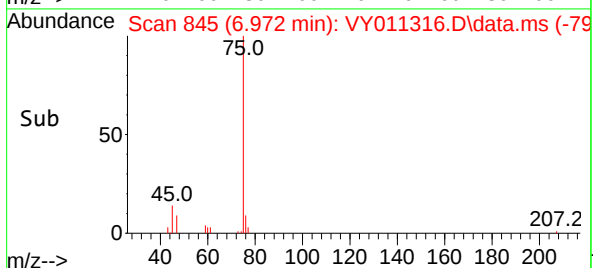
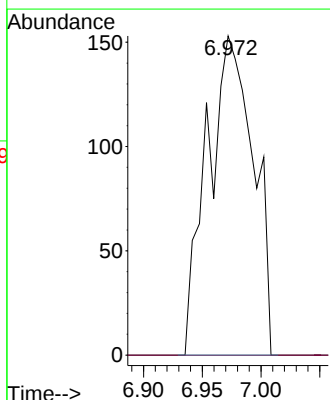
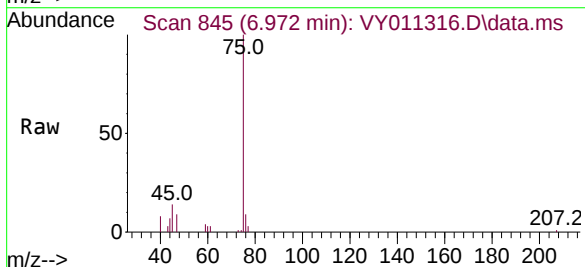
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

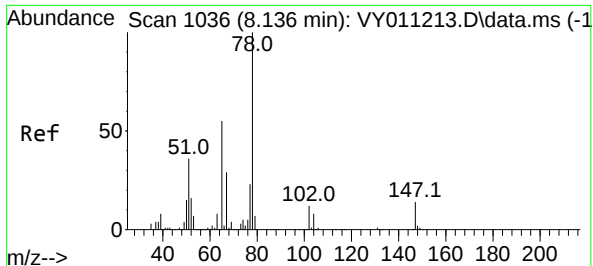
Tgt Ion: 84 Resp: 3891
Ion Ratio Lower Upper
84 100
49 119.5 114.4 171.6
51 38.0 35.3 52.9
86 73.1 53.7 80.5



#25
2-Butanone
Concen: 3.845 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 61.170 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011316.D

Acq: 04 Nov 2022 22:26

Instrument :

MSVOA_Y

ClientSampleId :

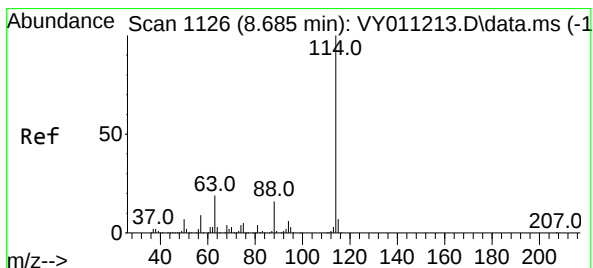
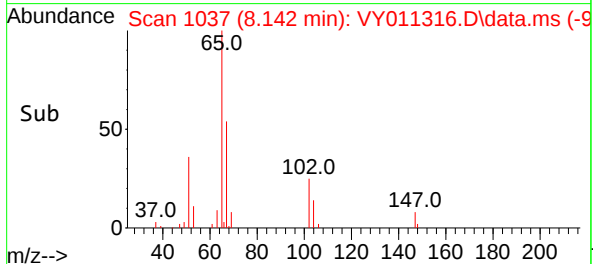
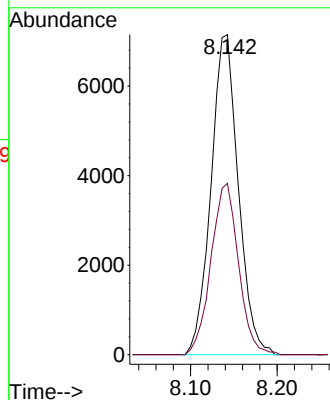
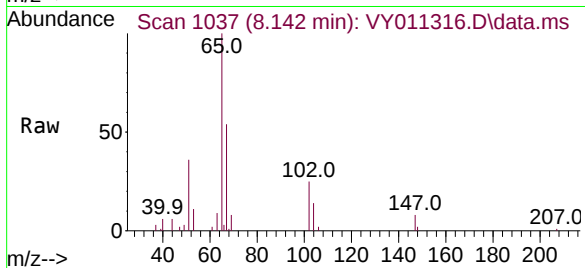
250FERRYBLVD-TFS-07

Tgt Ion: 65 Resp: 15656

Ion Ratio Lower Upper

65 100

67 54.0 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: VY011316.D

Acq: 04 Nov 2022 22:26

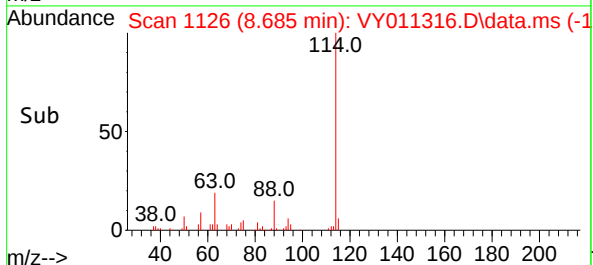
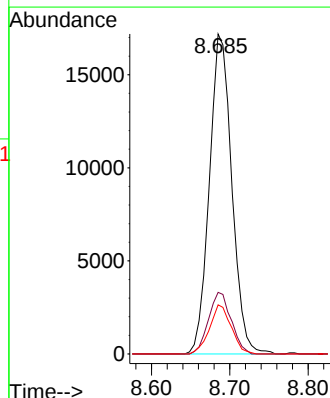
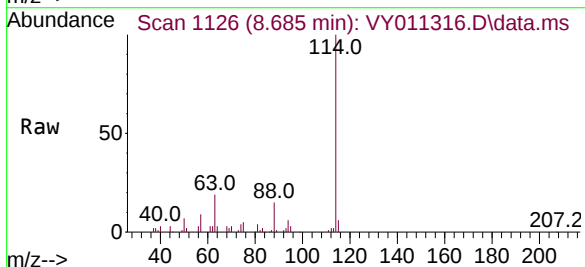
Tgt Ion:114 Resp: 34180

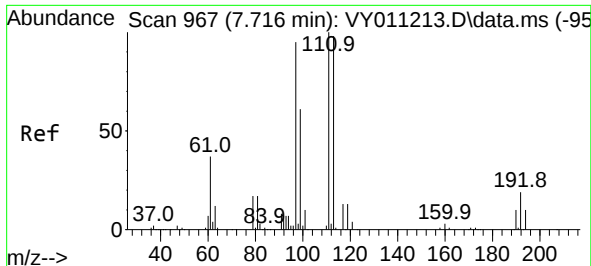
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.4 0.0 31.8

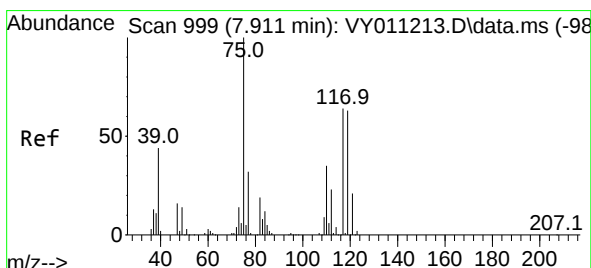
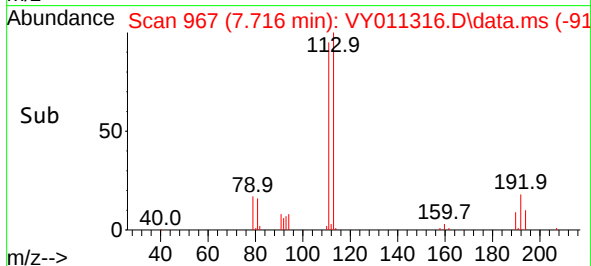
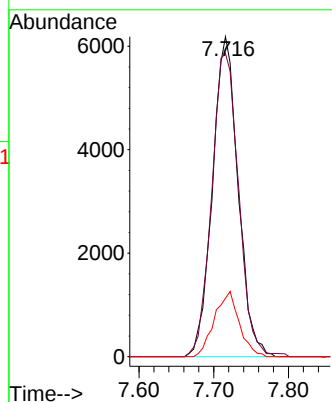
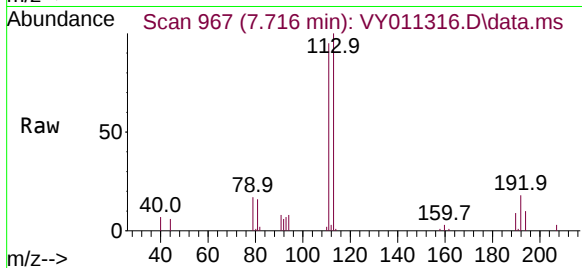




#35
Dibromofluoromethane
Concen: 67.070 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

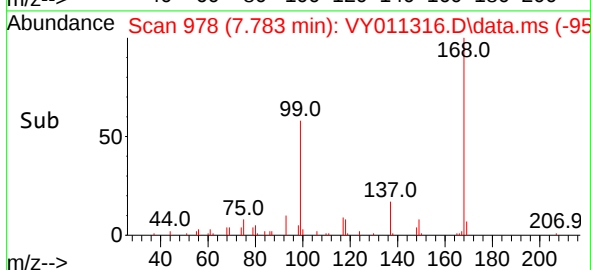
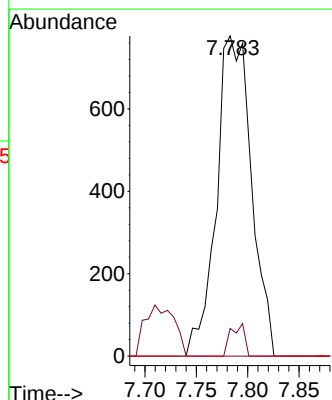
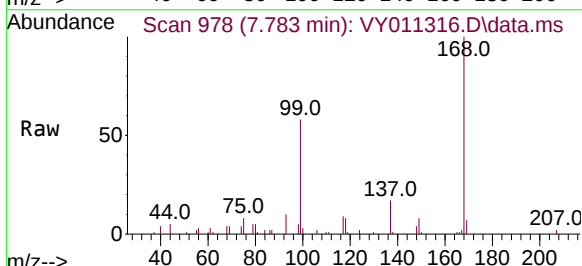
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

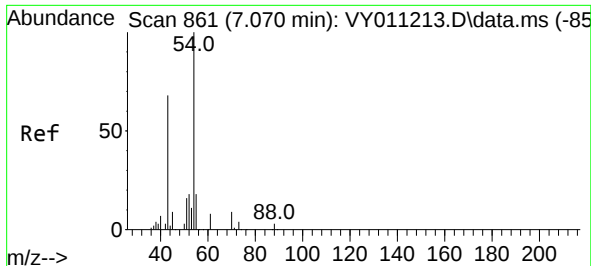
Tgt Ion:113 Resp: 14729
Ion Ratio Lower Upper
113 100
111 99.6 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 75 Resp: 1837
Ion Ratio Lower Upper
75 100
110 4.0 17.1 51.2#
77 0.0 24.4 36.6#

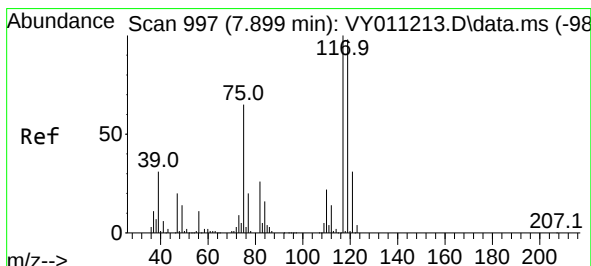
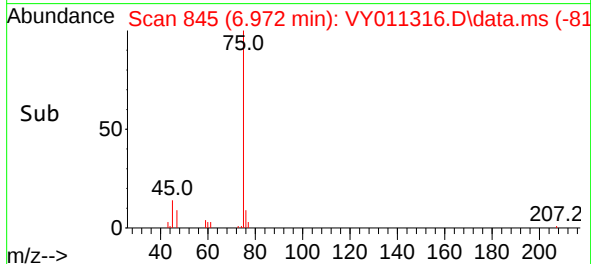
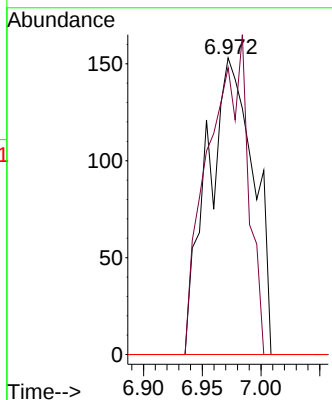
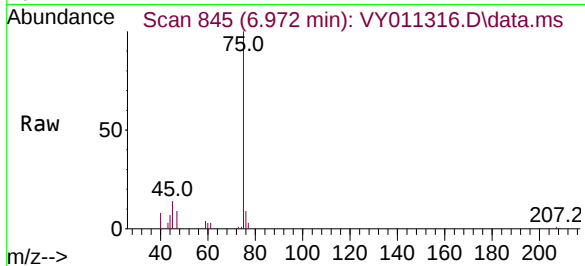




#37
Ethyl Acetate
Concen: 2.162 ug/l
RT: 6.972 min Scan# 841
Delta R.T. -0.098 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

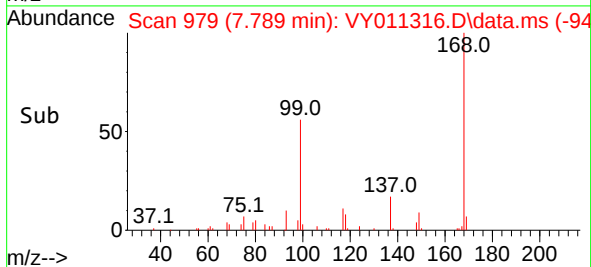
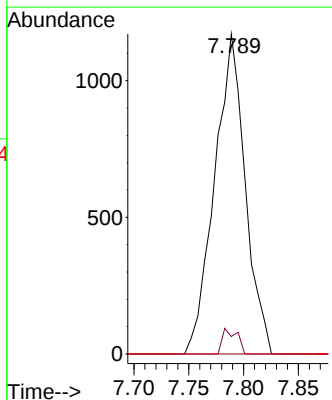
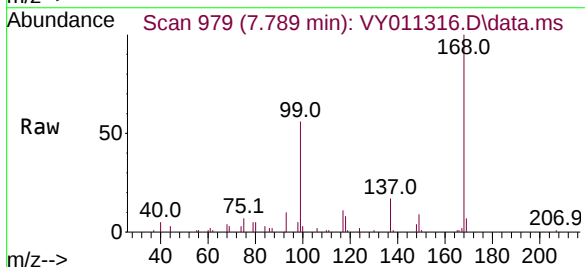
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250FERRYBLVD-TFS-07

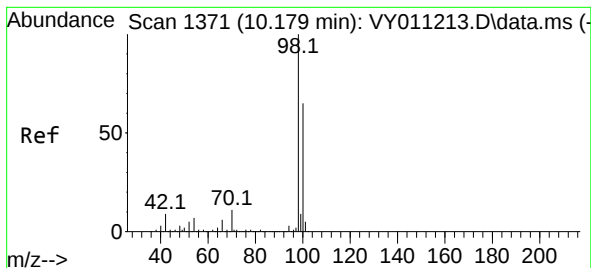
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
61 91.6 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 117 Resp: 2275
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

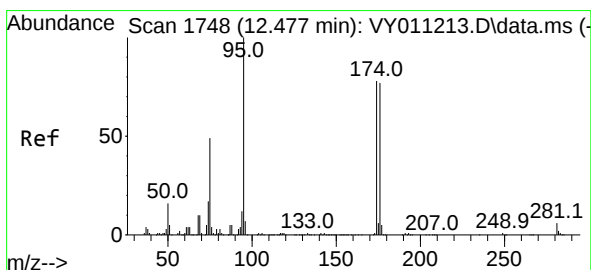
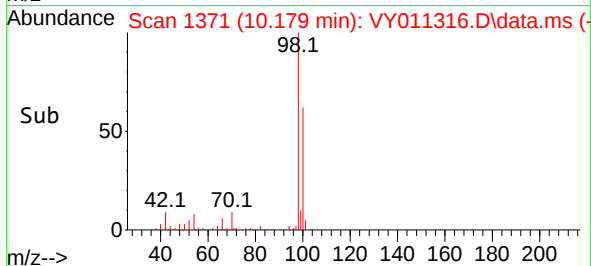
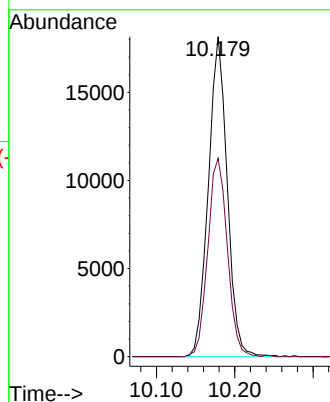
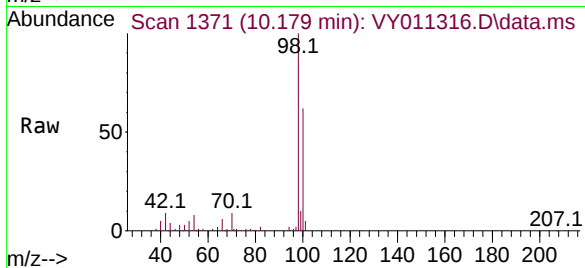




#50
Toluene-d8
Concen: 35.651 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

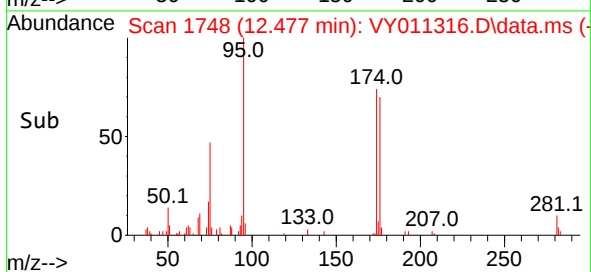
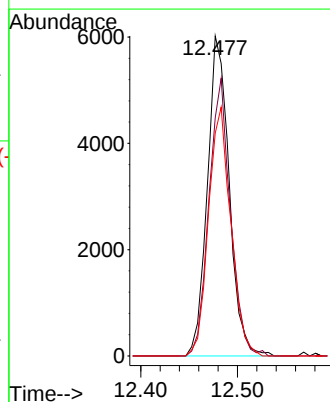
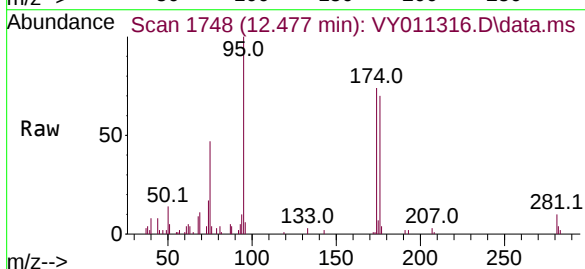
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

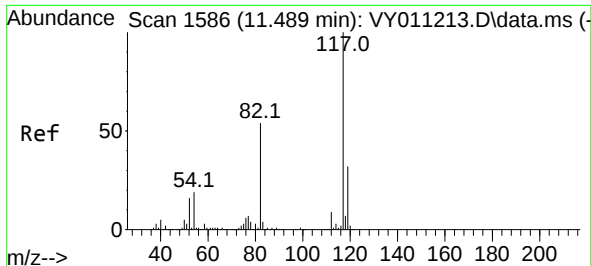
Tgt Ion: 98 Resp: 30397
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.838 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 95 Resp: 9424
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 79.4 0.0 175.8

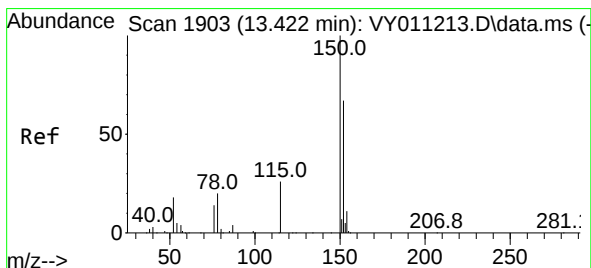
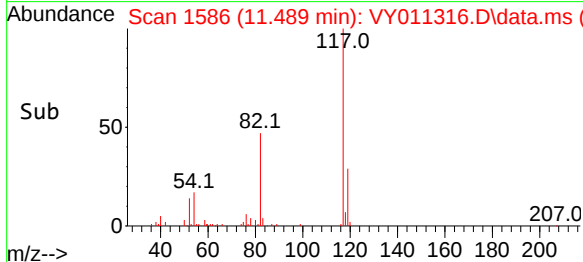
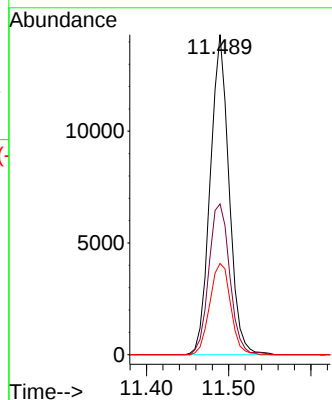
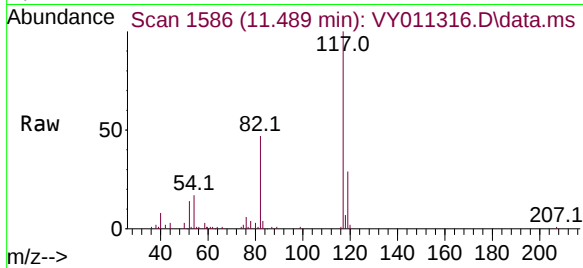




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

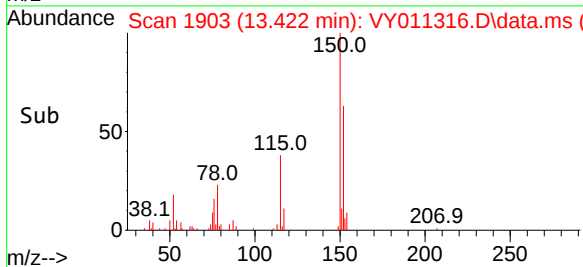
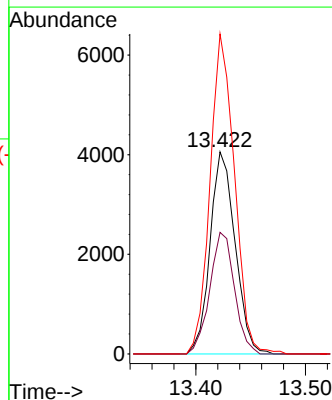
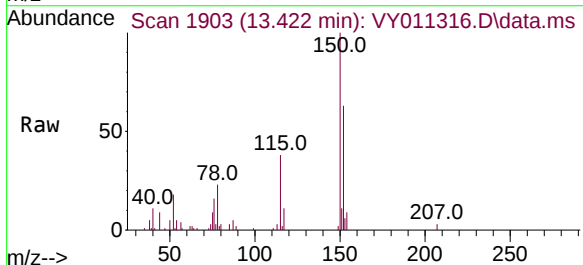
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

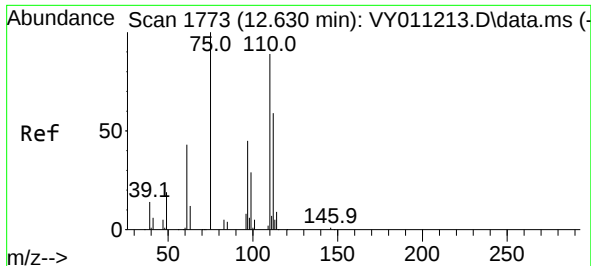
Tgt Ion:117 Resp: 22733
Ion Ratio Lower Upper
117 100
82 47.1 43.0 64.4
119 28.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion:152 Resp: 6439
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 154.5 0.0 347.6

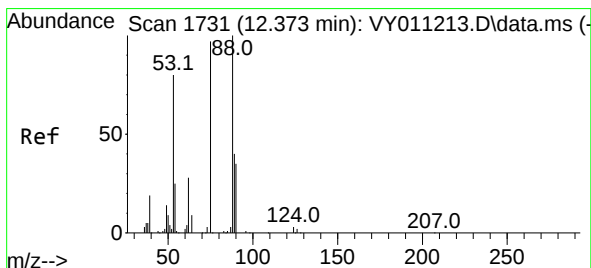
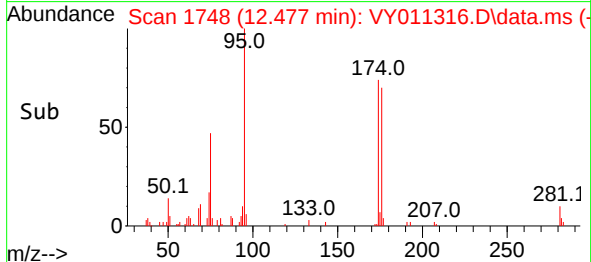
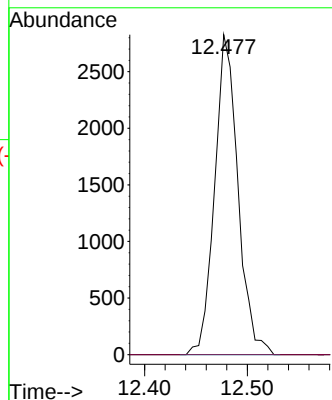
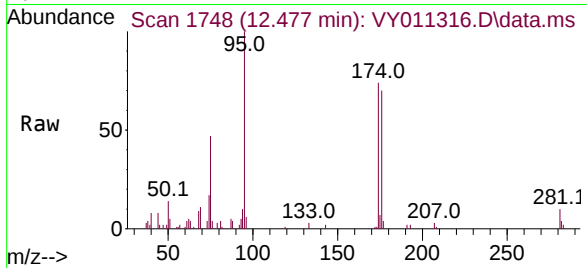




#76
1,2,3-Trichloropropane
Concen: 56.742 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07

Tgt Ion: 75 Resp: 4448
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 121.436 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011316.D
Acq: 04 Nov 2022 22:26

Tgt Ion: 75 Resp: 4448
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

