

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011317.D
 Acq On : 04 Nov 2022 22:48
 Operator : KP/MD
 Sample : N5436-08
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-08

Quant Time: Nov 07 01:56:59 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)

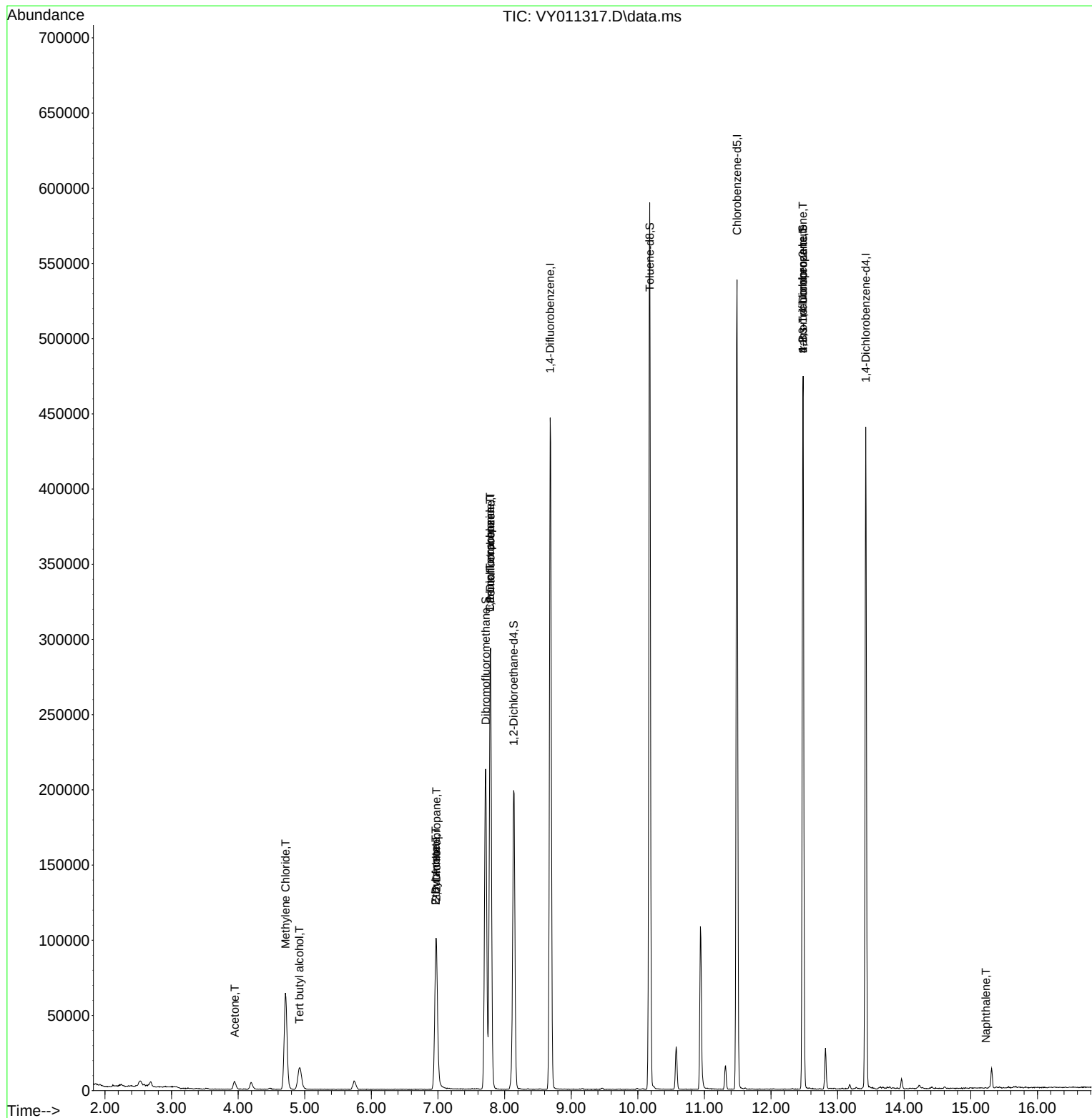
Internal Standards						
1) Pentafluorobenzene	7.789	168	235796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	394345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153496	60.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.740%	
35) Dibromofluoromethane	7.716	113	155347	61.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.620%	
50) Toluene-d8	10.179	98	396802	40.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 80.680%	
62) 4-Bromofluorobenzene	12.477	95	146770	42.977	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	72	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	15117	5.422	ug/l #	80
16) Acetone	3.948	43	9340	12.269	ug/l #	83
20) Methylene Chloride	4.710	84	50956	12.607	ug/l #	85
25) 2-Butanone	6.966	43	5233	4.886	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	7558	1.639	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	16590	4.010	ug/l #	51
37) Ethyl Acetate	6.966	43	5233	2.346	ug/l #	1
38) Carbon Tetrachloride	7.783	117	22984	5.354	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	72023	51.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72023	109.690	ug/l #	7
95) Naphthalene	15.227	128	159	3.997	ug/l #	69

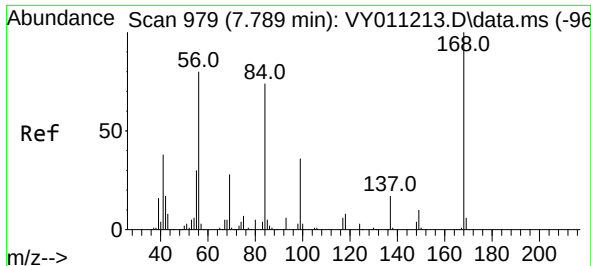
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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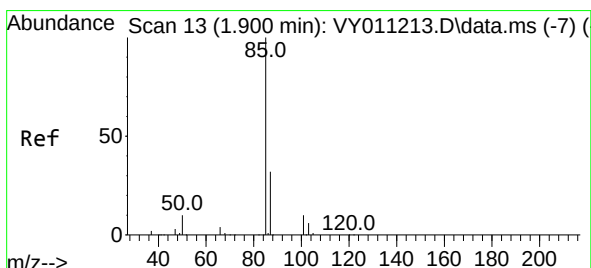
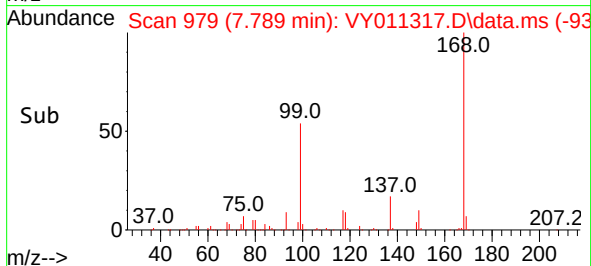
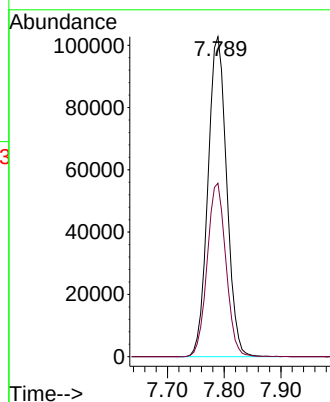
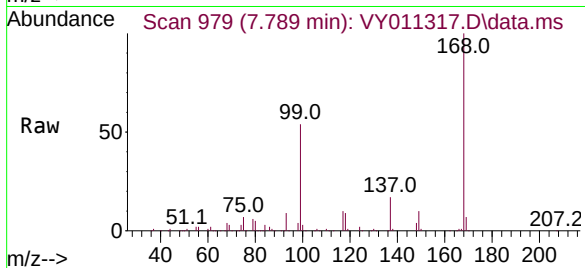




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

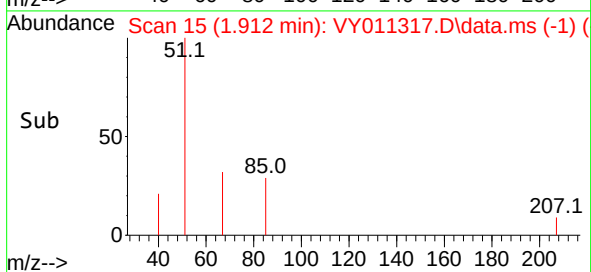
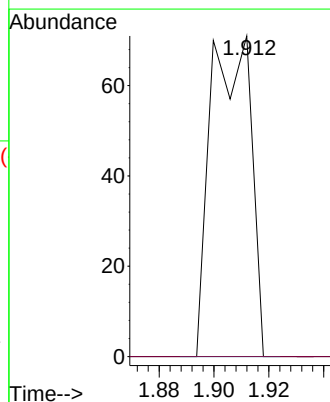
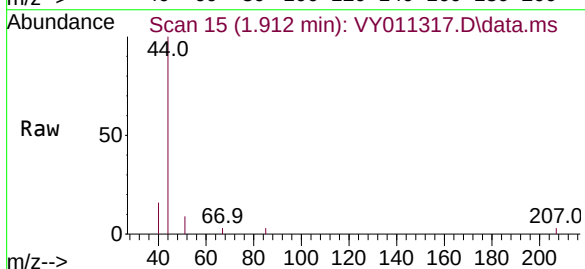
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08

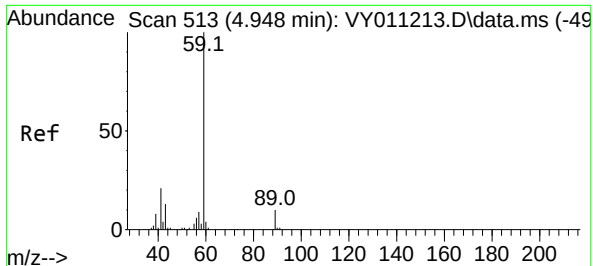
Tgt Ion:168 Resp: 235796
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: 5.422 ug/l

RT: 4.918 min Scan# 508

Delta R.T. -0.036 min

Lab File: VY011317.D

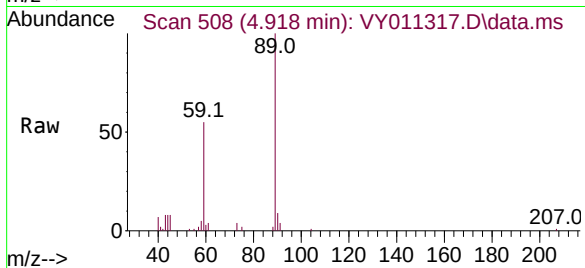
Acq: 04 Nov 2022 22:48

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-08

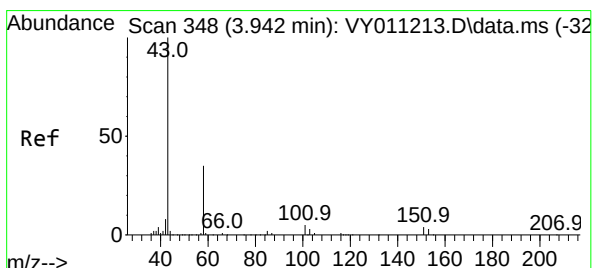
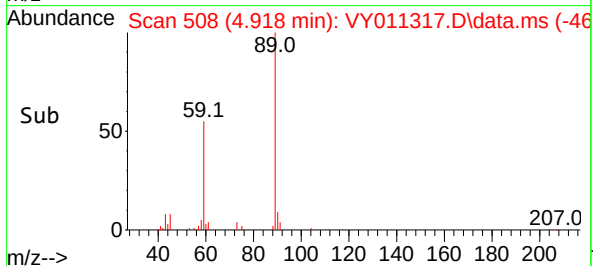
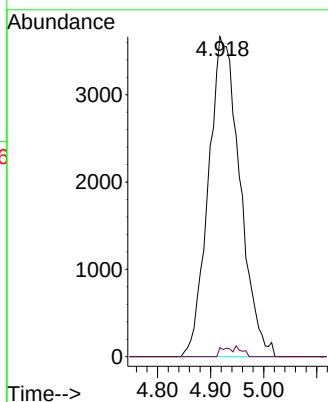


Tgt Ion: 59 Resp: 15117

Ion Ratio Lower Upper

59 100

57 1.0 6.4 9.6#



#16

Acetone

Concen: 12.269 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY011317.D

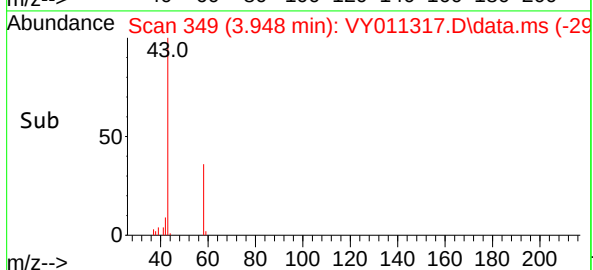
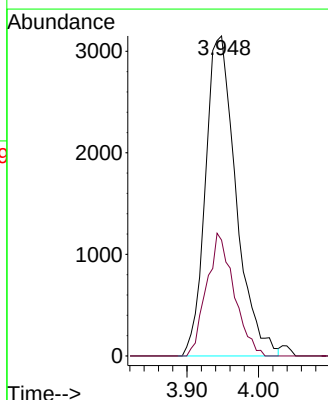
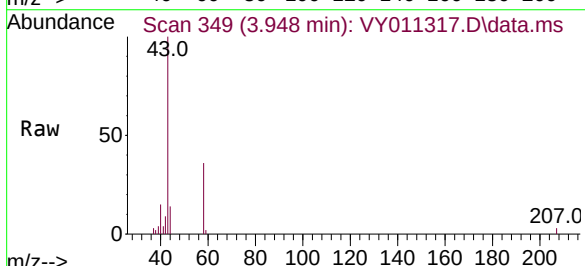
Acq: 04 Nov 2022 22:48

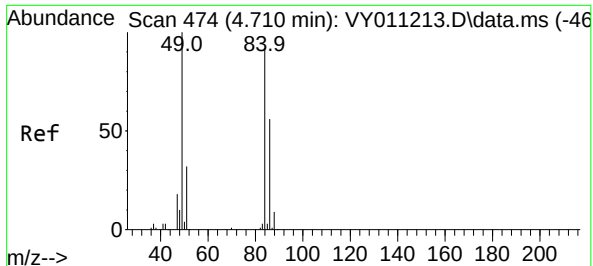
Tgt Ion: 43 Resp: 9340

Ion Ratio Lower Upper

43 100

58 36.2 22.0 33.0#





#20

Methylene Chloride

Concen: 12.607 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011317.D

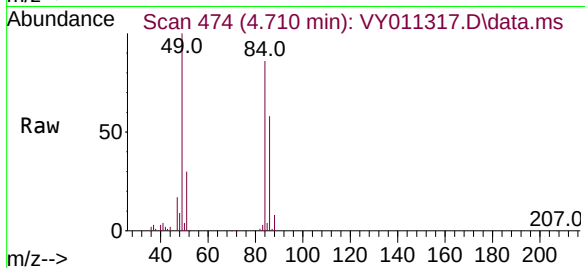
Acq: 04 Nov 2022 22:48

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-08



Tgt Ion: 84 Resp: 50956

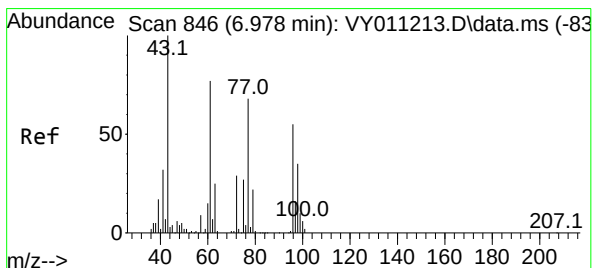
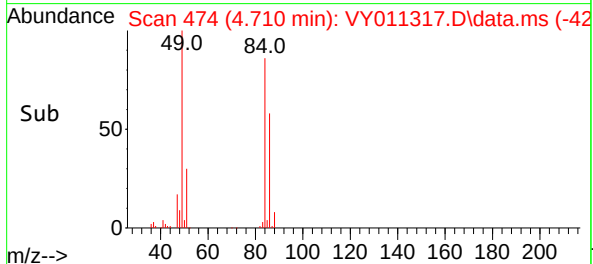
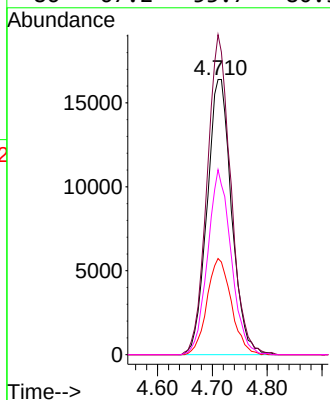
Ion Ratio Lower Upper

84 100

49 116.2 114.4 171.6

51 34.9 35.3 52.9#

86 67.2 53.7 80.5



#25

2-Butanone

Concen: 4.886 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY011317.D

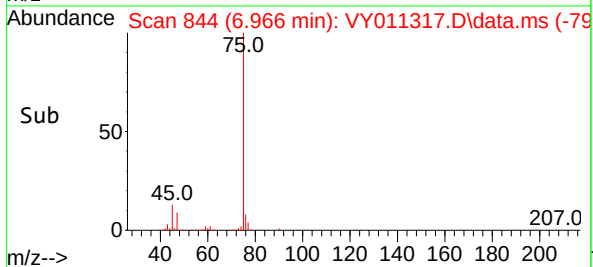
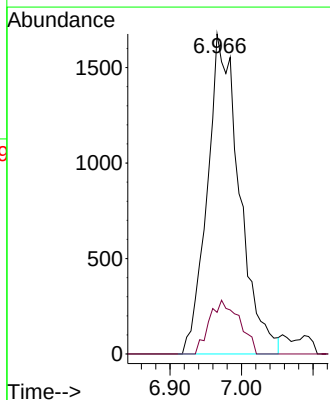
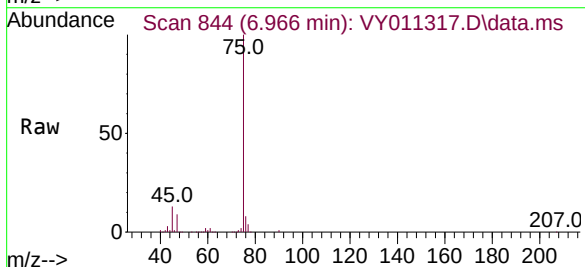
Acq: 04 Nov 2022 22:48

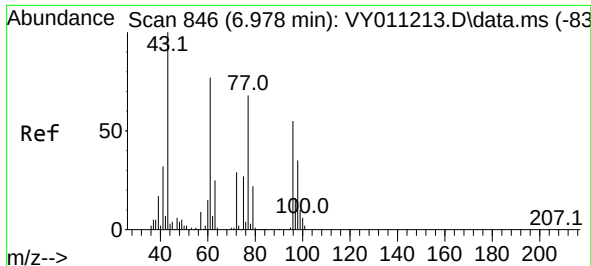
Tgt Ion: 43 Resp: 5233

Ion Ratio Lower Upper

43 100

72 13.0 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.639 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011317.D

Acq: 04 Nov 2022 22:48

Instrument :

MSVOA_Y

ClientSampleId :

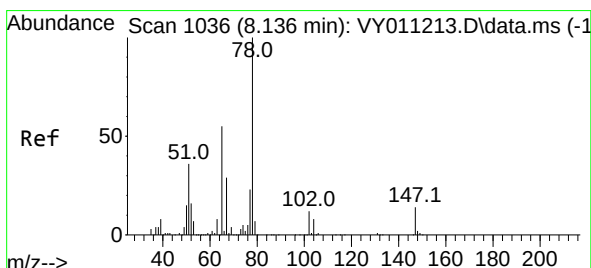
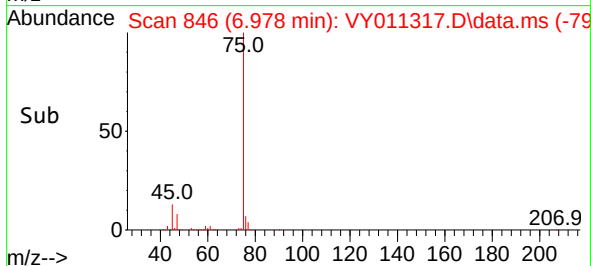
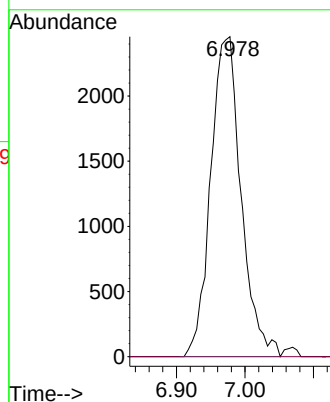
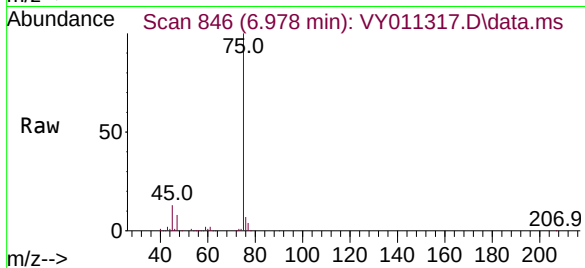
250FERRYBLVD-TFS-08

Tgt Ion: 77 Resp: 7558

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 60.866 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011317.D

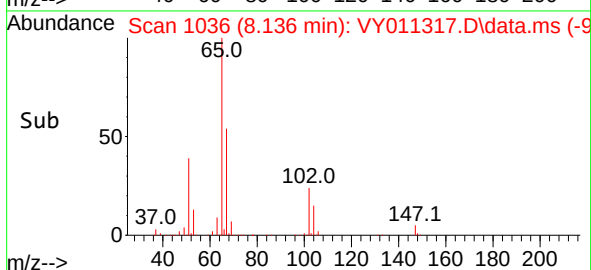
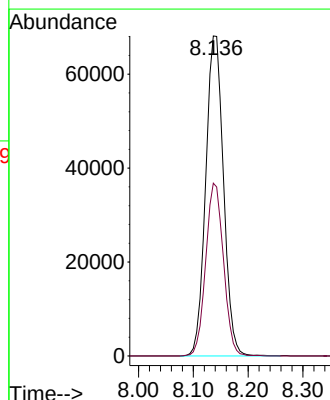
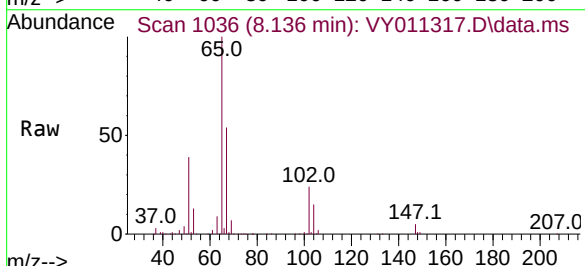
Acq: 04 Nov 2022 22:48

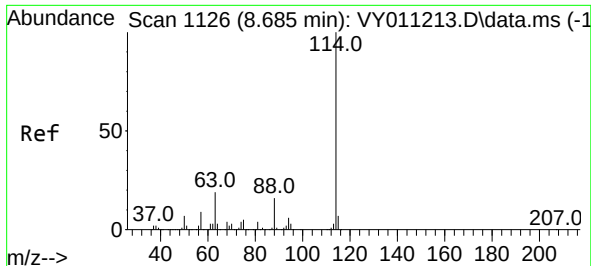
Tgt Ion: 65 Resp: 153496

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4

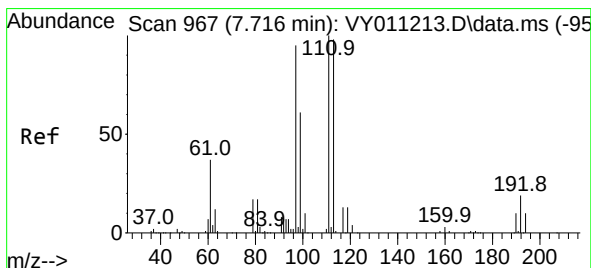
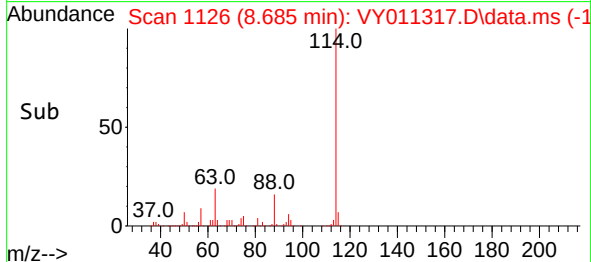
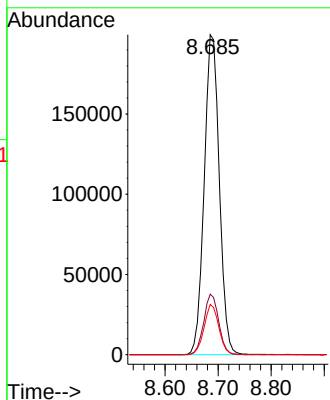
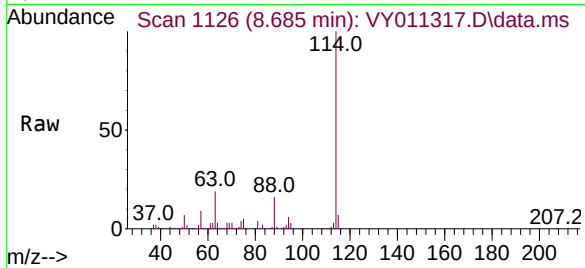




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

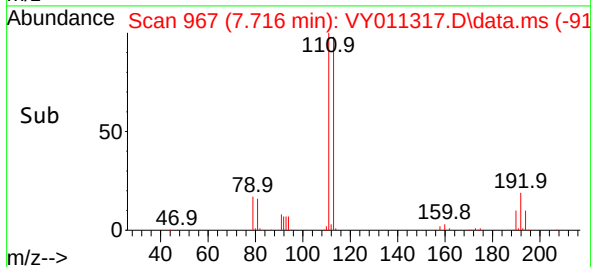
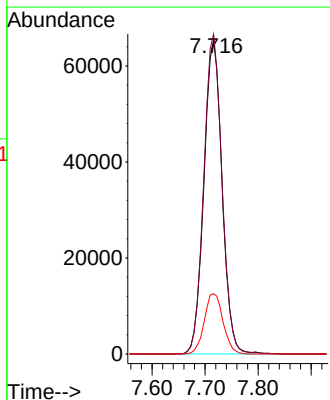
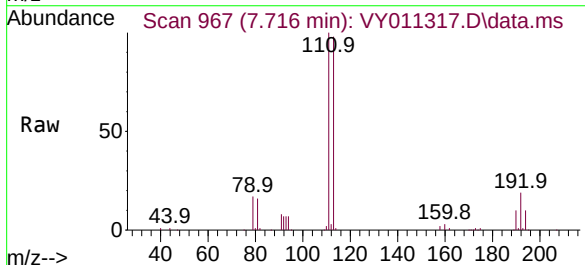
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08

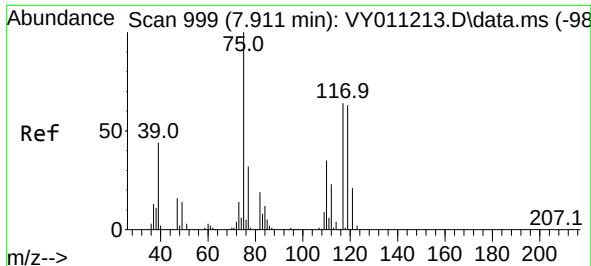
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	15.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 61.313 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	19.8	17.6	26.4

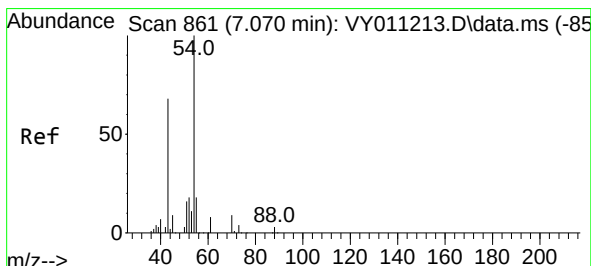
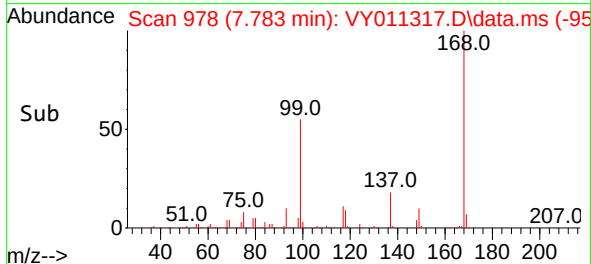
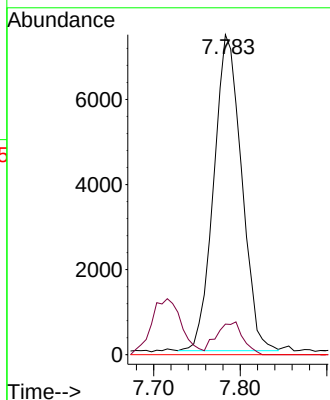
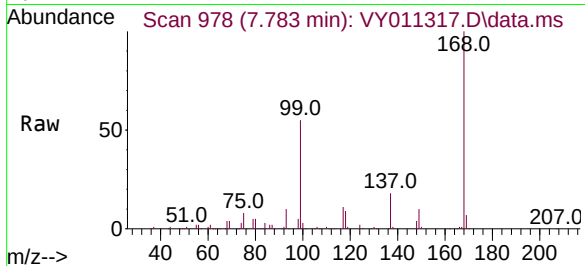




#36
1,1-Dichloropropene
Concen: 4.010 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

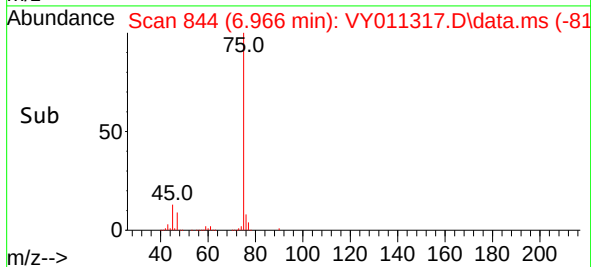
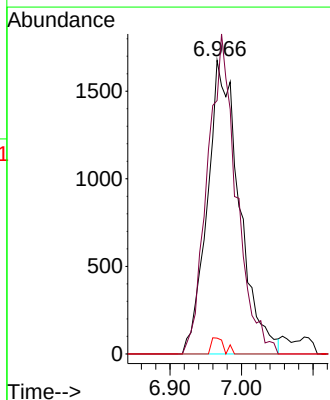
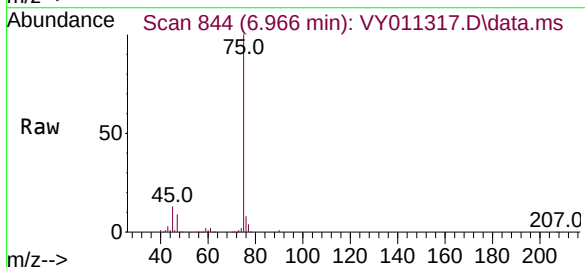
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08

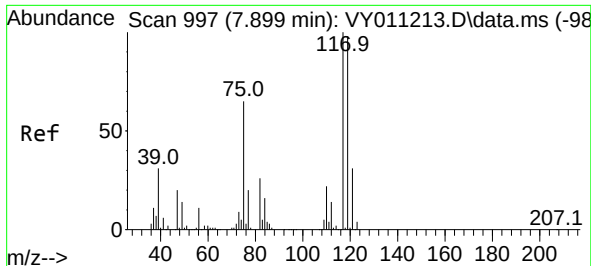
Tgt Ion: 75 Resp: 16590
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.346 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Tgt Ion: 43 Resp: 5233
Ion Ratio Lower Upper
43 100
61 98.6 9.7 14.5#
70 2.2 7.1 10.7#

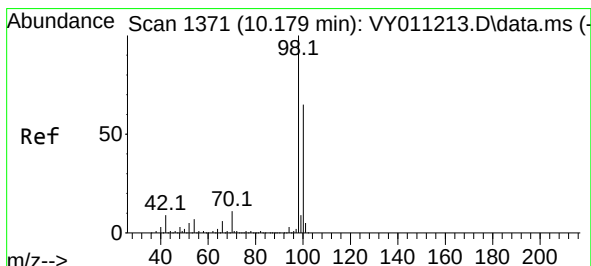
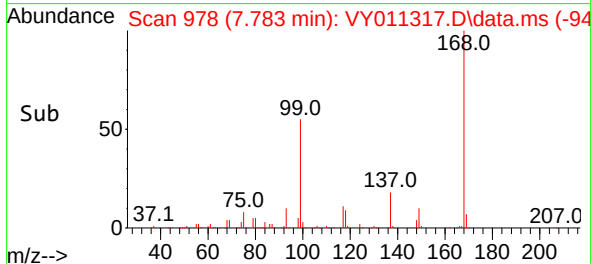
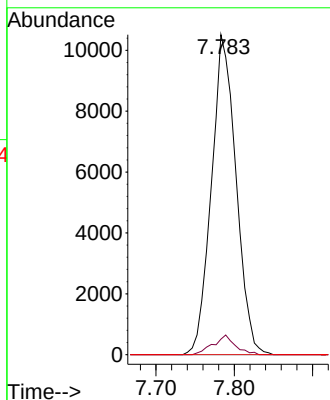
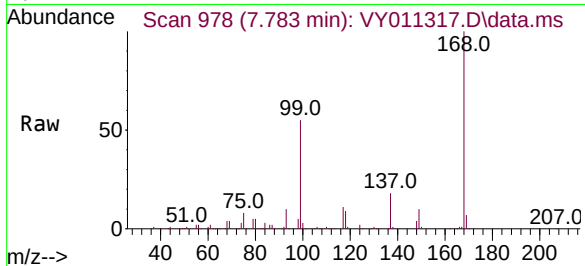




#38
Carbon Tetrachloride
Concen: 5.354 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

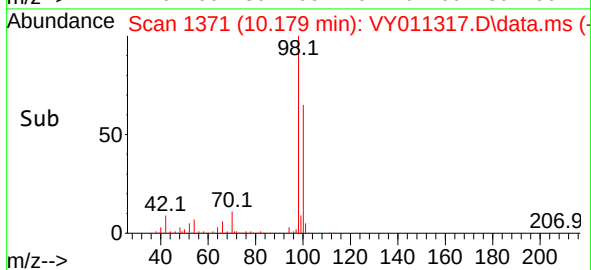
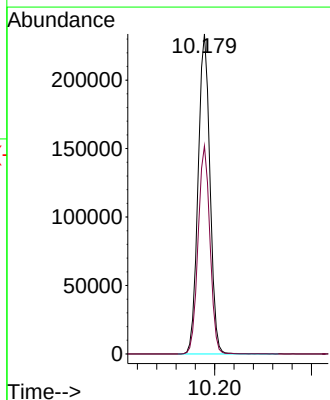
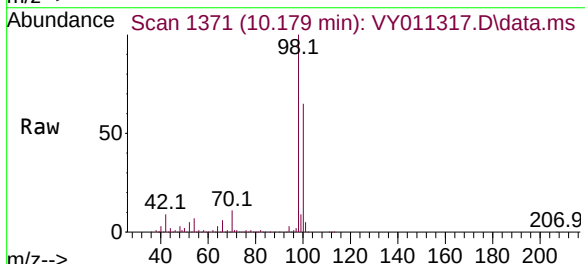
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08

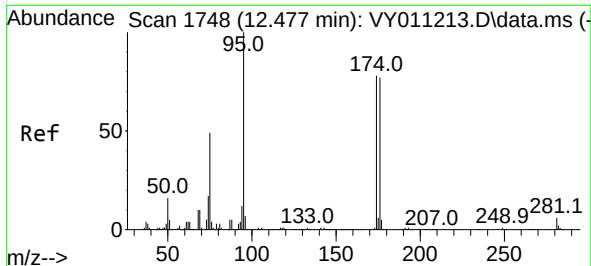
Tgt Ion:117 Resp: 22984
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.337 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Tgt Ion: 98 Resp: 396802
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

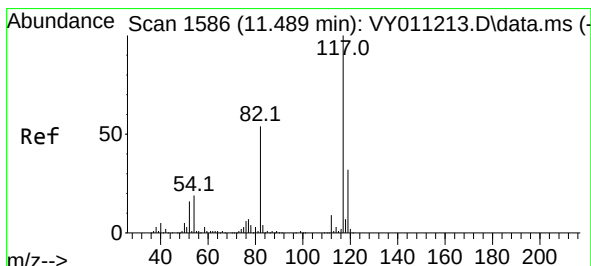
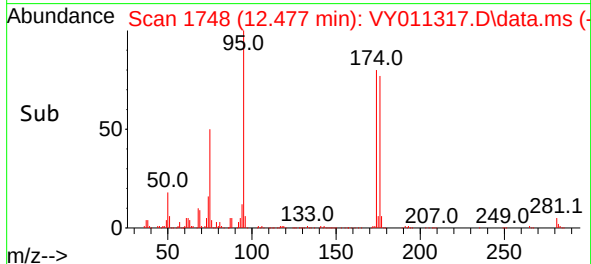
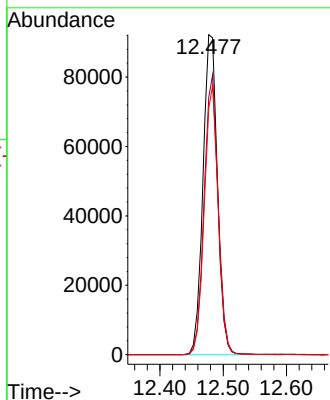
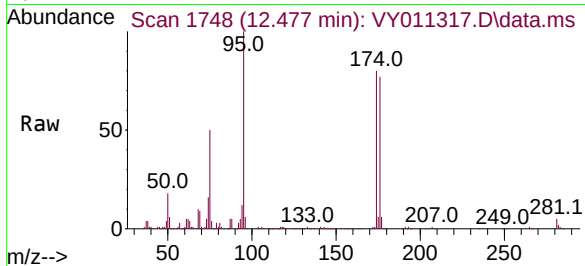




#62
4-Bromofluorobenzene
Concen: 42.977 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

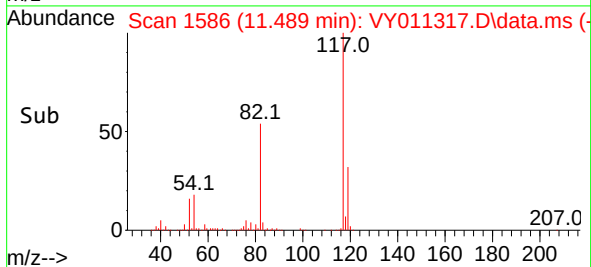
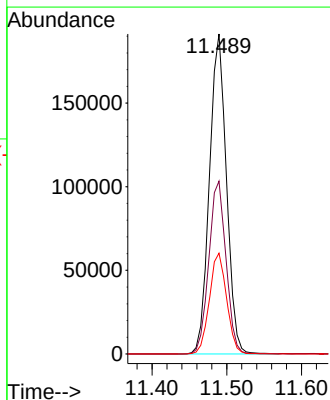
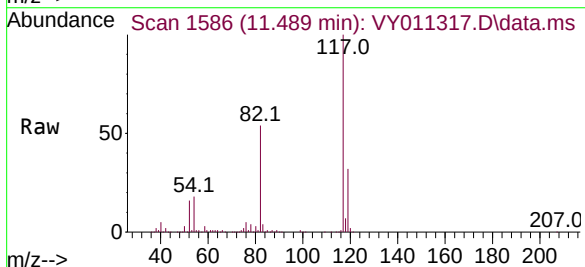
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08

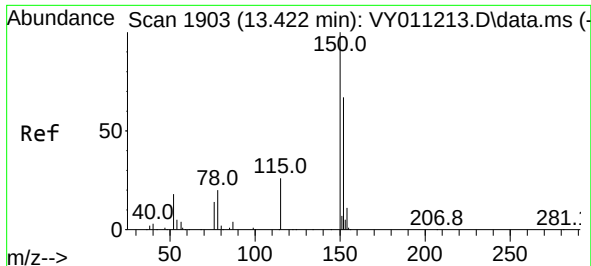
Tgt Ion: 95 Resp: 146770
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Tgt Ion: 117 Resp: 302483
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.5 25.4 38.0

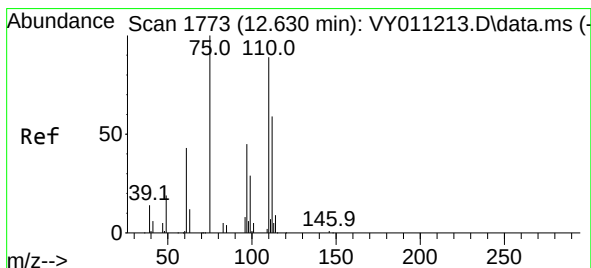
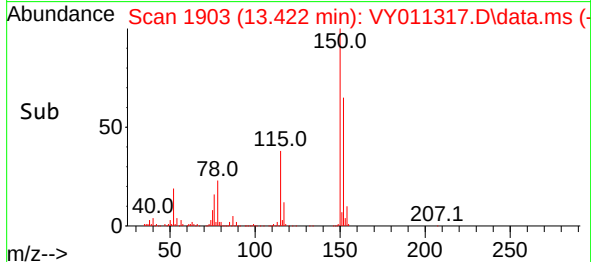
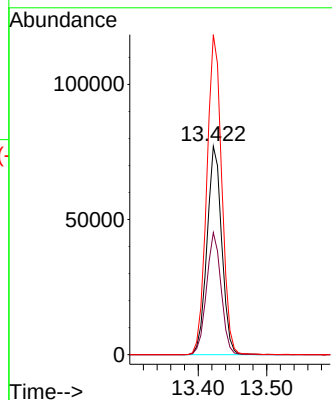
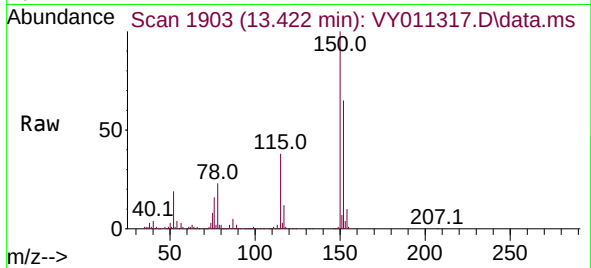




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011317.D
 Acq: 04 Nov 2022 22:48

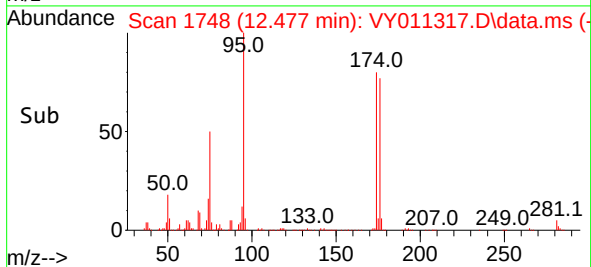
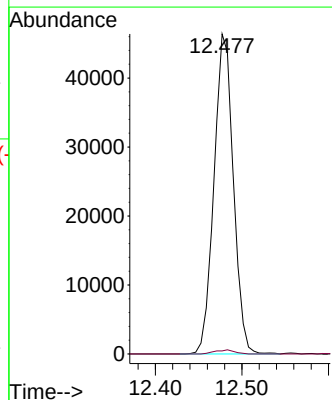
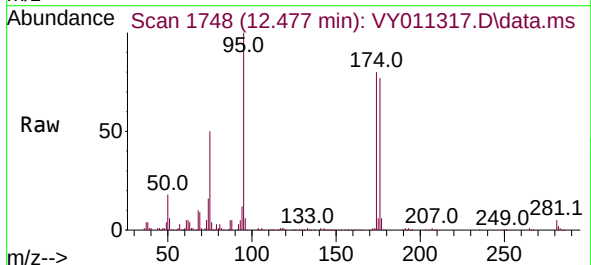
Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-08

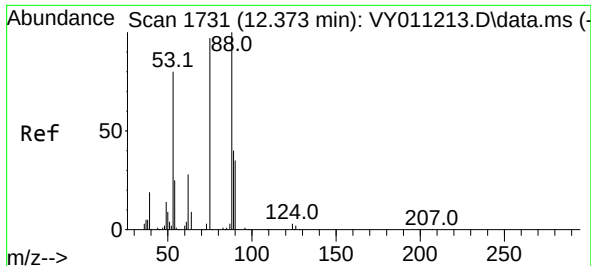
Tgt Ion:152 Resp: 115426
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.254 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011317.D
 Acq: 04 Nov 2022 22:48

Tgt Ion: 75 Resp: 72023
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

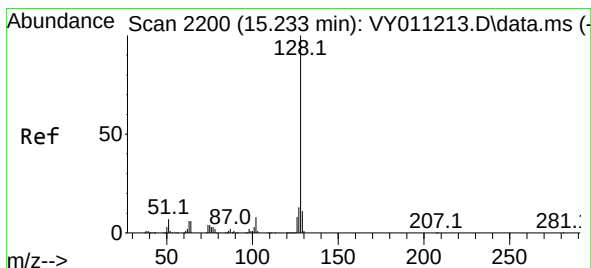
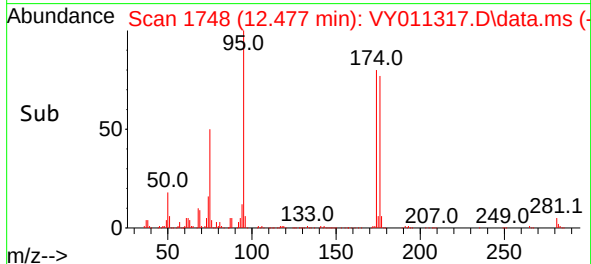
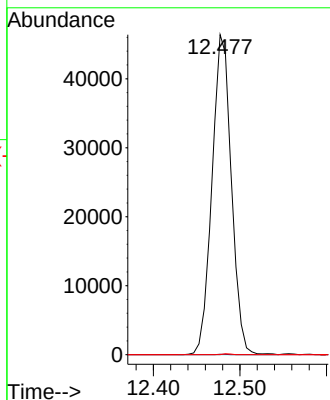
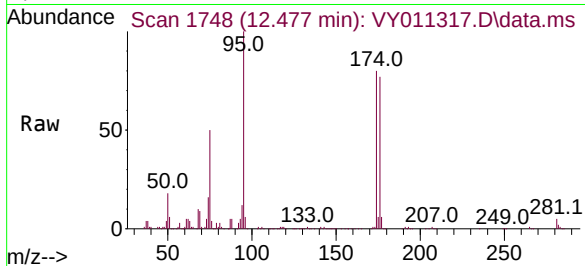




#81
trans-1,4-Dichloro-2-butene
Concen: 109.690 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-08

Tgt Ion: 75 Resp: 72023
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.997 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011317.D
Acq: 04 Nov 2022 22:48

Tgt Ion: 128 Resp: 159
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

