

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011318.D
 Acq On : 04 Nov 2022 23:11
 Operator : KP/MD
 Sample : N5436-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-09

Quant Time: Nov 07 01:57:14 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)

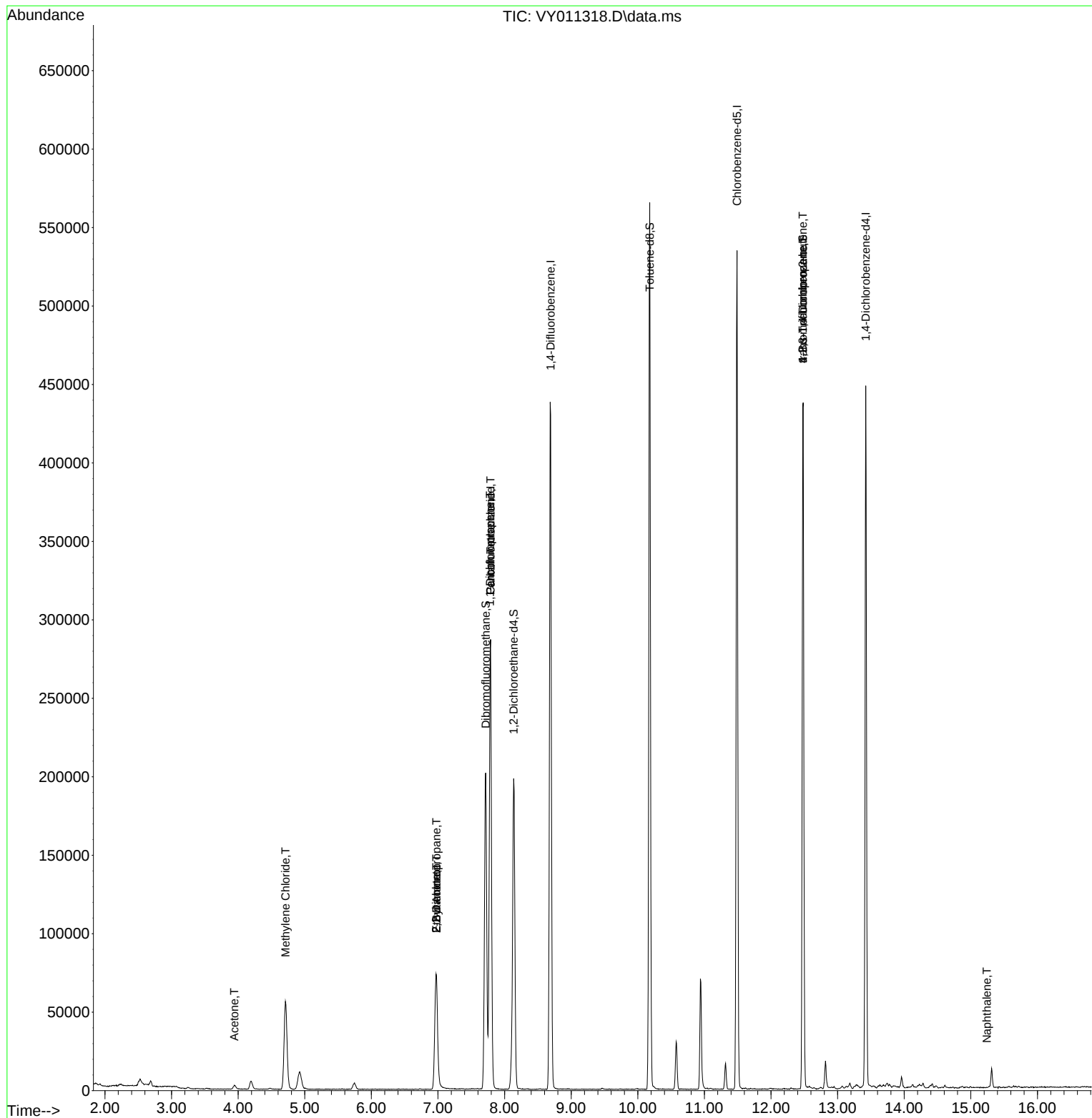
Internal Standards						
1) Pentafluorobenzene	7.789	168	229632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	388135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146125	59.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.715	113	144578	57.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.960%
50) Toluene-d8	10.178	98	377562	38.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.000%
62) 4-Bromofluorobenzene	12.477	95	140159	41.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.899	85	103	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	11673	Below Cal	#	78
16) Acetone	3.942	43	4577	6.174	ug/l #	77
20) Methylene Chloride	4.710	84	45756	11.188	ug/l #	80
25) 2-Butanone	6.978	43	4000	3.835	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	5811	1.294	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	16791	4.123	ug/l #	51
37) Ethyl Acetate	6.978	43	4000	1.822	ug/l #	1
38) Carbon Tetrachloride	7.789	117	22202	5.255	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67847	48.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67847	103.537	ug/l #	7
95) Naphthalene	15.239	128	198	4.004	ug/l #	69

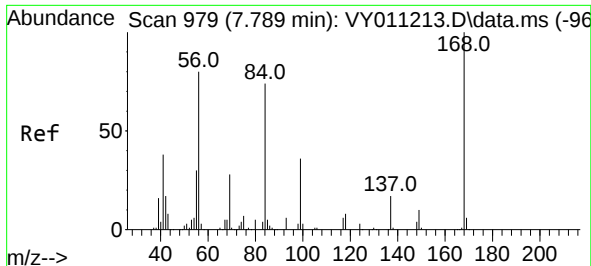
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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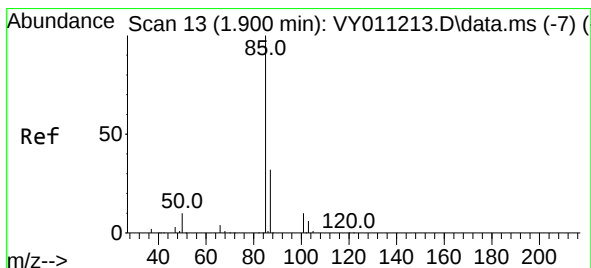
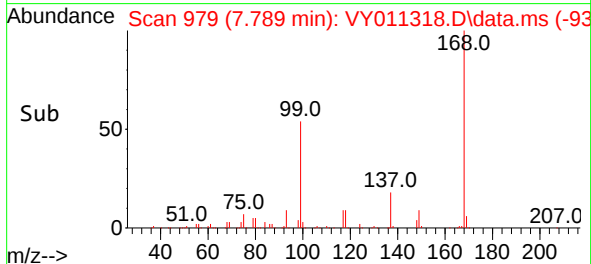
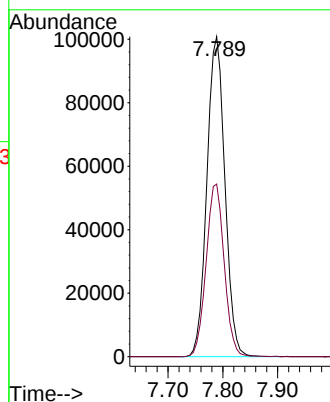
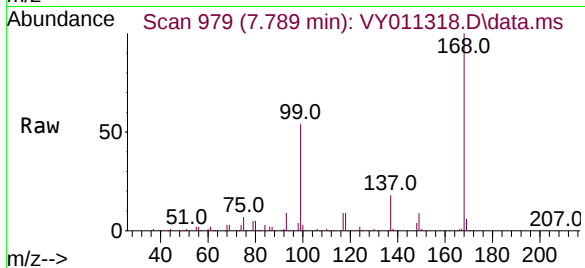




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

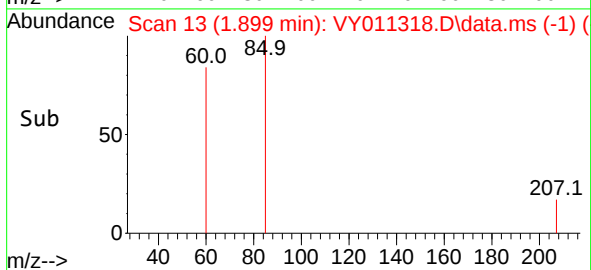
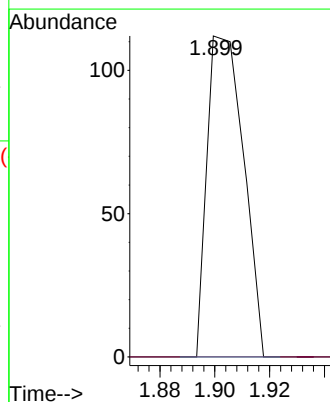
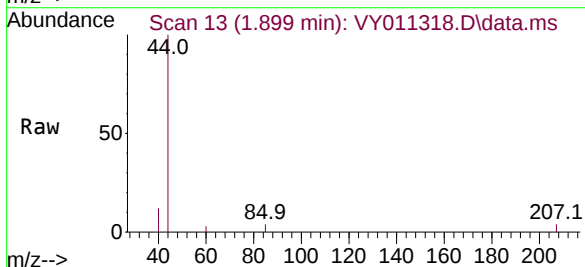
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09

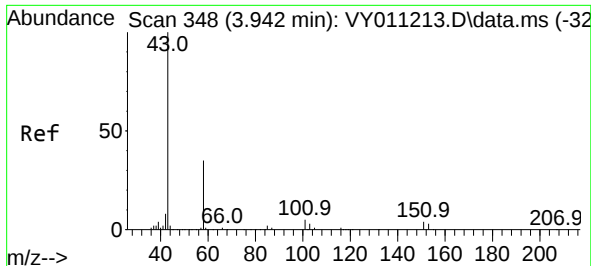
Tgt Ion:168 Resp: 229632
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

Tgt Ion: 85 Resp: 103
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

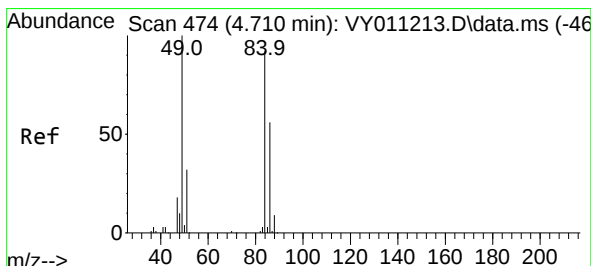
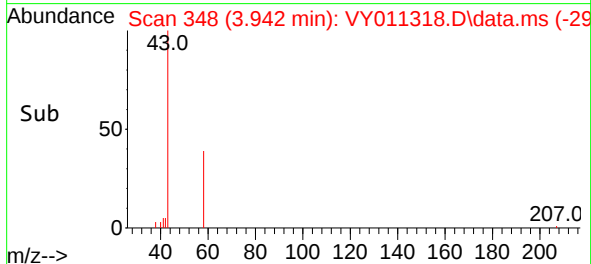
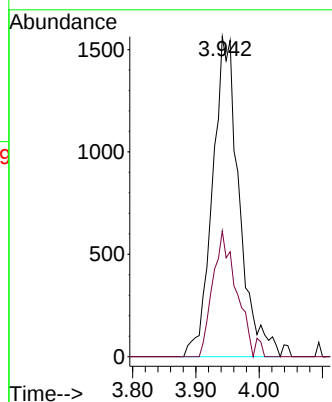
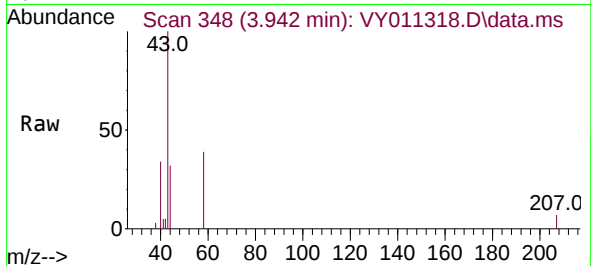




#16
Acetone
Concen: 6.174 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

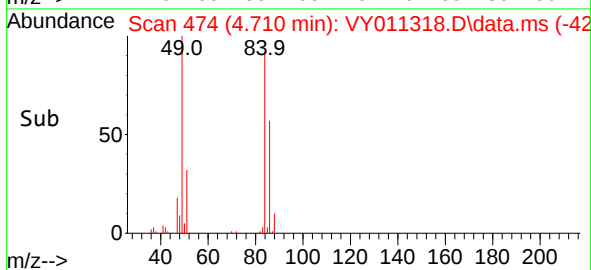
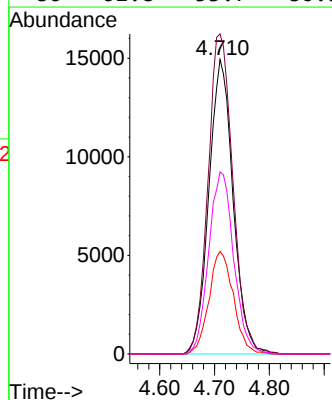
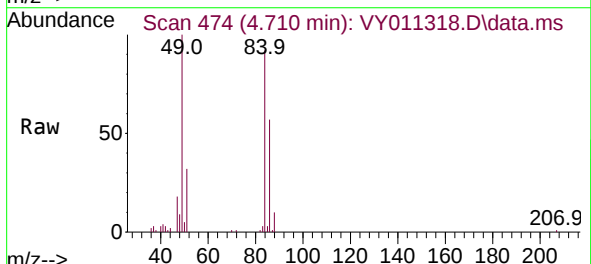
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09

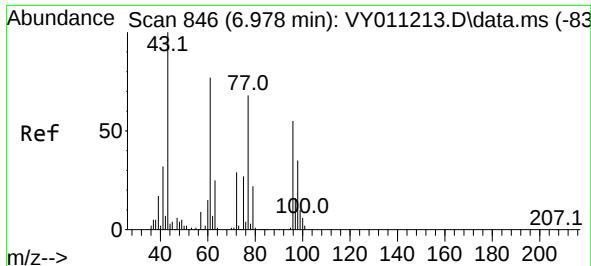
Tgt Ion: 43 Resp: 4577
Ion Ratio Lower Upper
43 100
58 39.3 22.0 33.0#



#20
Methylene Chloride
Concen: 11.188 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

Tgt Ion: 84 Resp: 45756
Ion Ratio Lower Upper
84 100
49 108.7 114.4 171.6#
51 34.9 35.3 52.9#
86 61.8 53.7 80.5

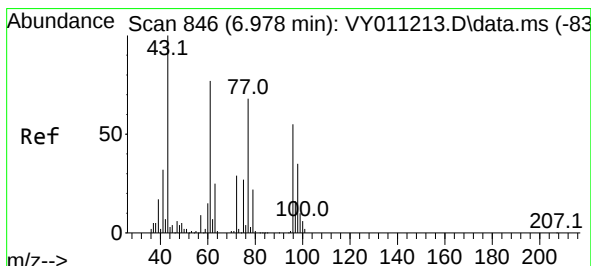
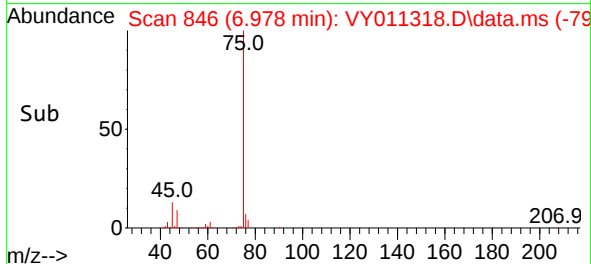
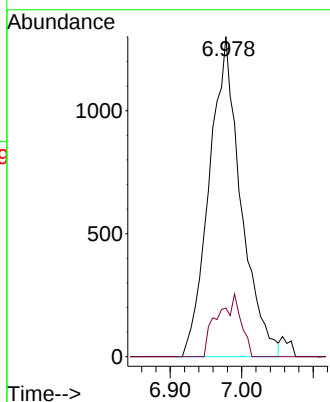
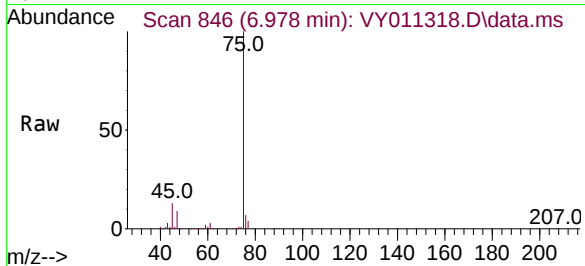




#25
2-Butanone
Concen: 3.835 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

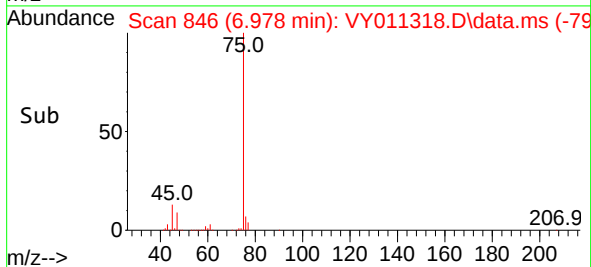
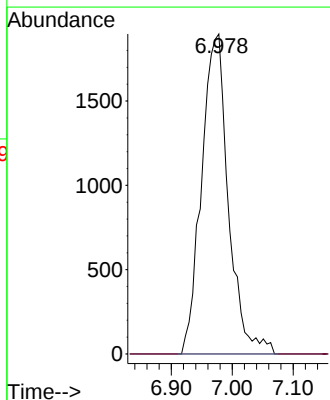
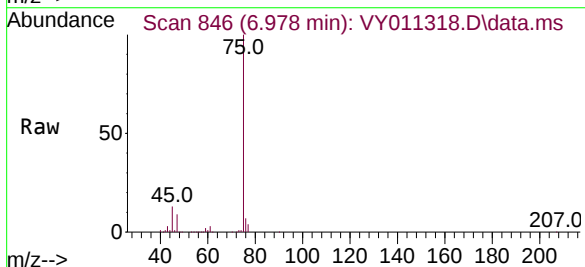
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09

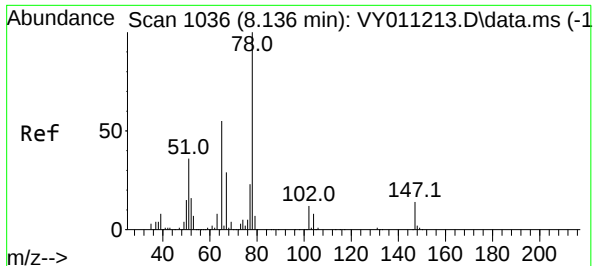
Tgt Ion: 43 Resp: 4000
Ion Ratio Lower Upper
43 100
72 15.2 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.294 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

Tgt Ion: 77 Resp: 5811
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 59.499 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY011318.D

Acq: 04 Nov 2022 23:11

Instrument :

MSVOA_Y

ClientSampleId :

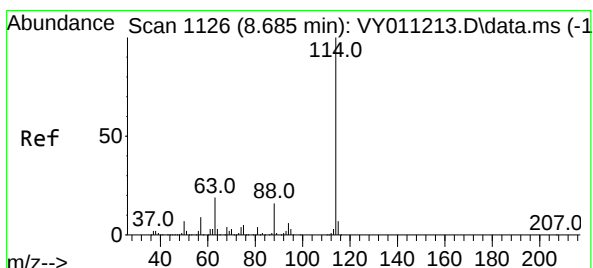
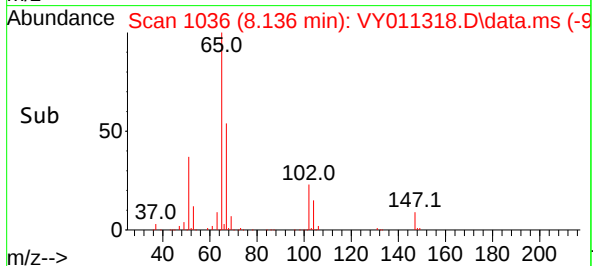
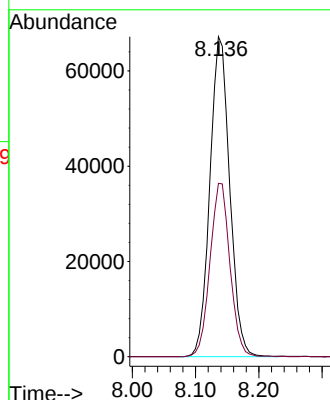
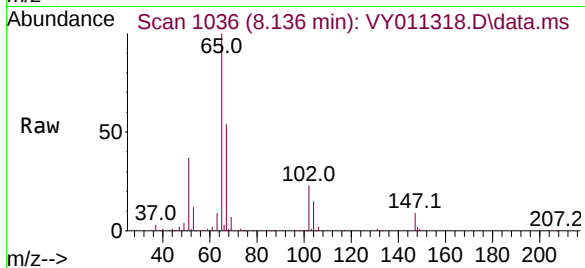
250FERRYBLVD-TFS-09

Tgt Ion: 65 Resp: 146125

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011318.D

Acq: 04 Nov 2022 23:11

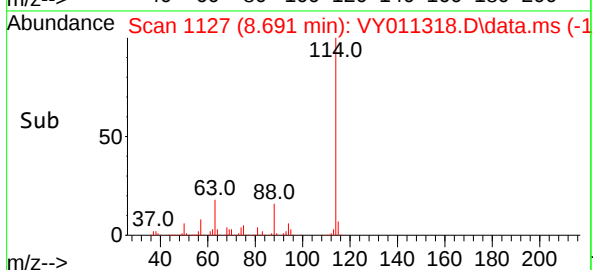
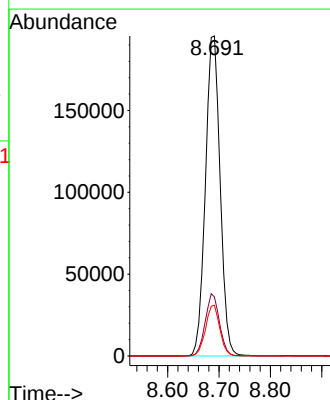
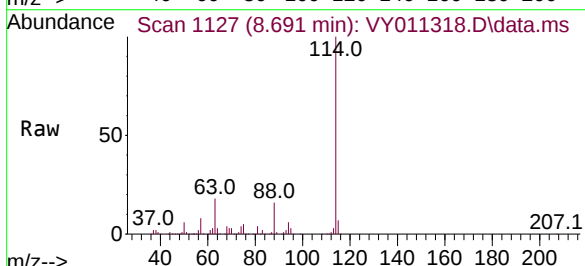
Tgt Ion: 114 Resp: 388135

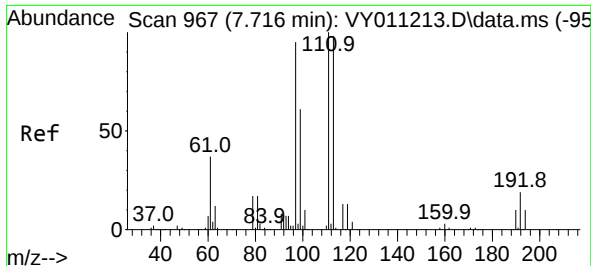
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.9 0.0 31.8

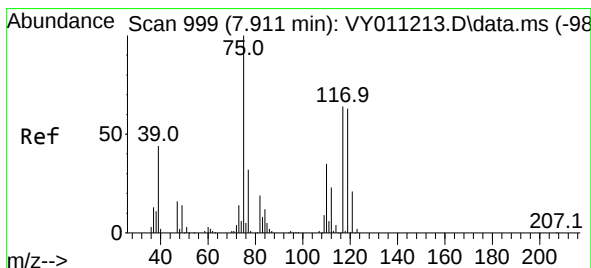
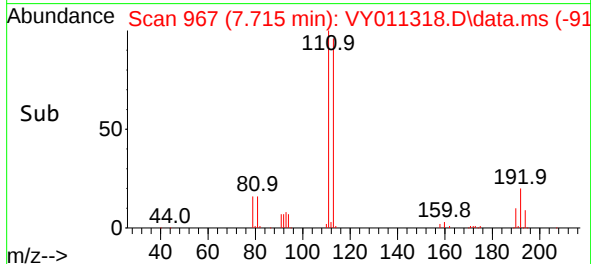
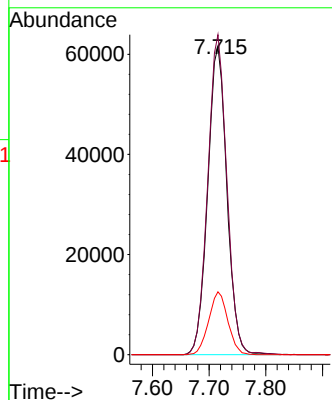
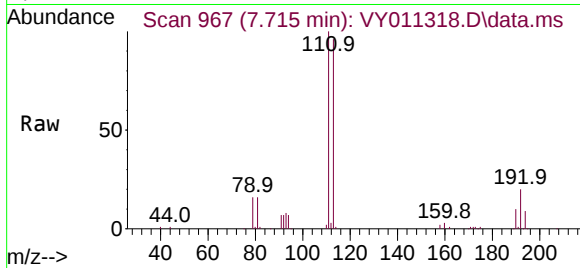




#35
Dibromofluoromethane
Concen: 57.976 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

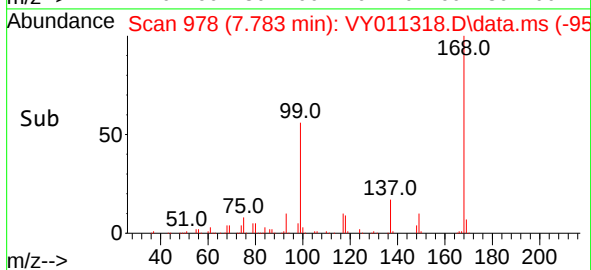
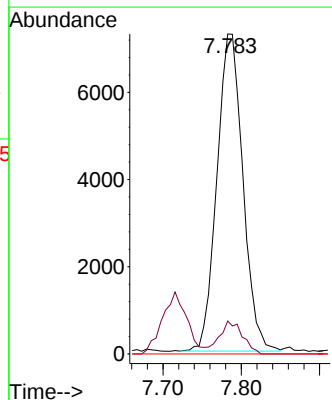
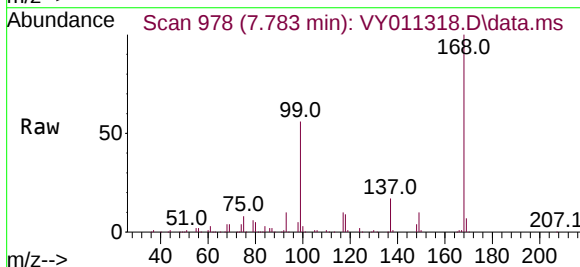
Instrument :
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250FERRYBLVD-TFS-09

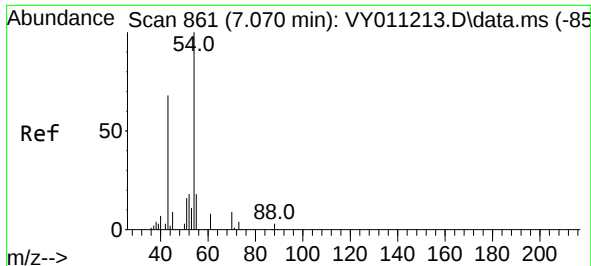
Tgt Ion:113 Resp: 144578
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.123 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

Tgt Ion: 75 Resp: 16791
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.822 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY011318.D

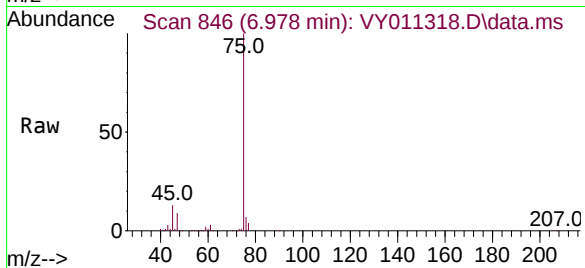
Acq: 04 Nov 2022 23:11

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-09



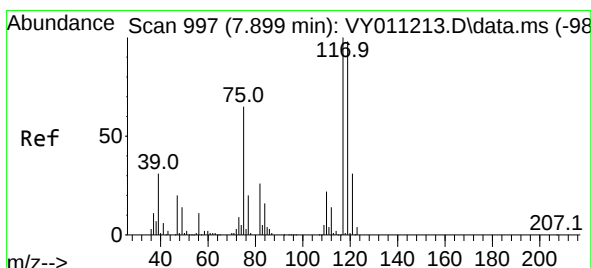
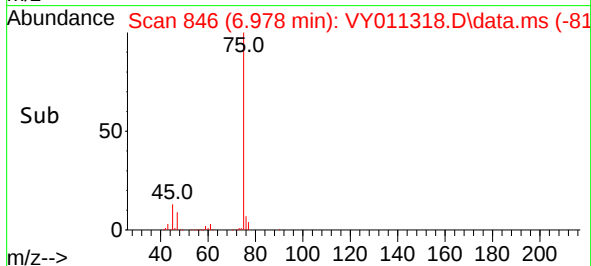
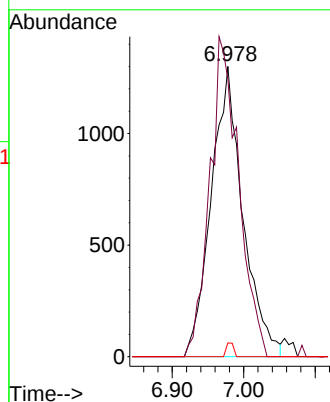
Tgt Ion: 43 Resp: 4000

Ion Ratio Lower Upper

43 100

61 100.7 9.7 14.5#

70 1.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.255 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011318.D

Acq: 04 Nov 2022 23:11

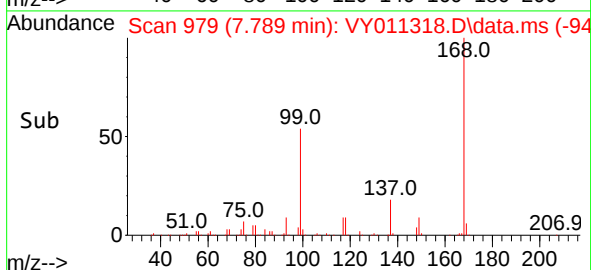
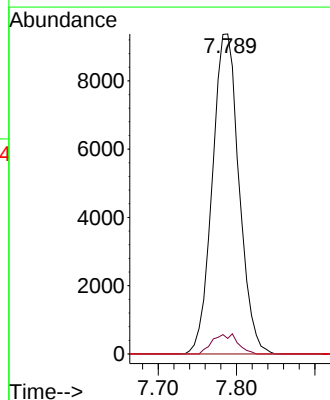
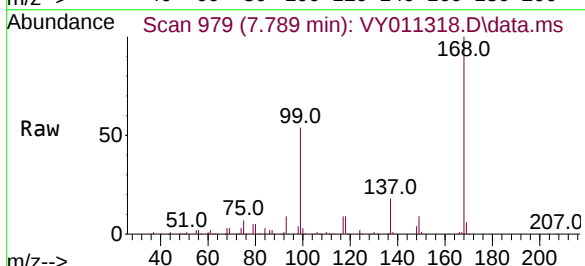
Tgt Ion: 117 Resp: 22202

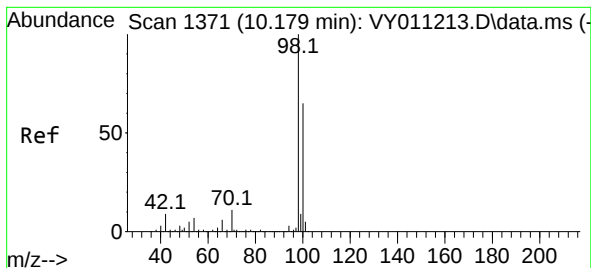
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 38.995 ug/l

RT: 10.178 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011318.D

Acq: 04 Nov 2022 23:11

Instrument :

MSVOA_Y

ClientSampleId :

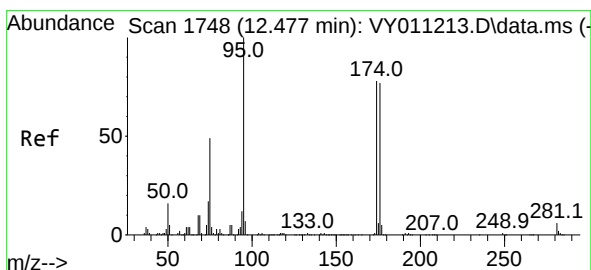
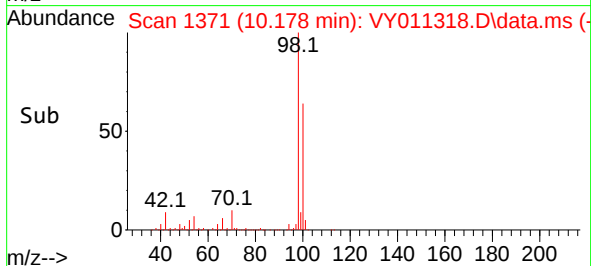
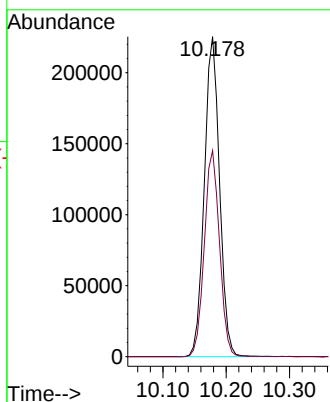
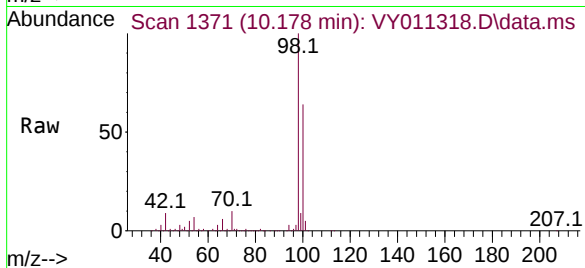
250FERRYBLVD-TFS-09

Tgt Ion: 98 Resp: 377562

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 41.698 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011318.D

Acq: 04 Nov 2022 23:11

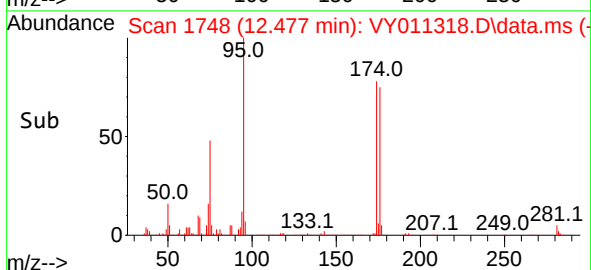
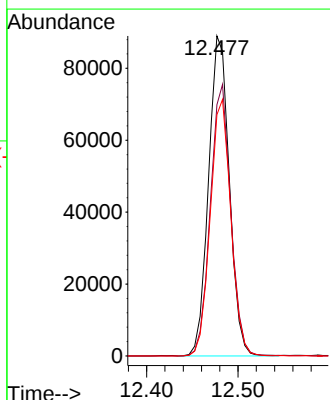
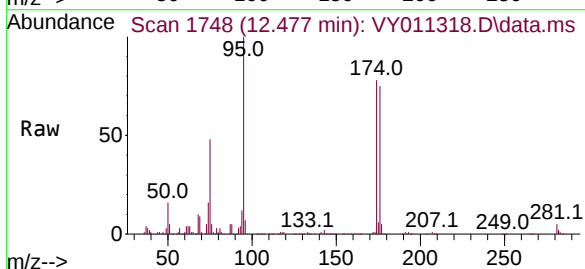
Tgt Ion: 95 Resp: 140159

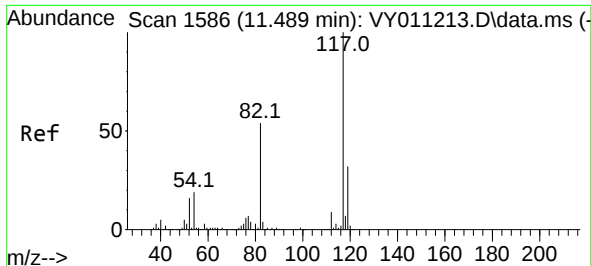
Ion Ratio Lower Upper

95 100

174 83.5 0.0 177.0

176 79.6 0.0 175.8

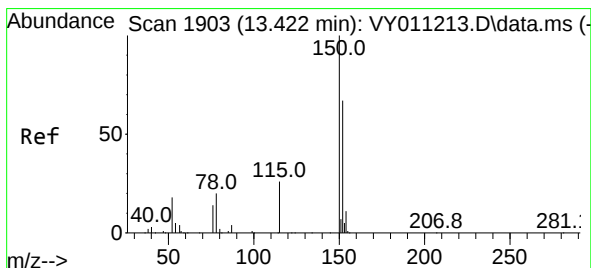
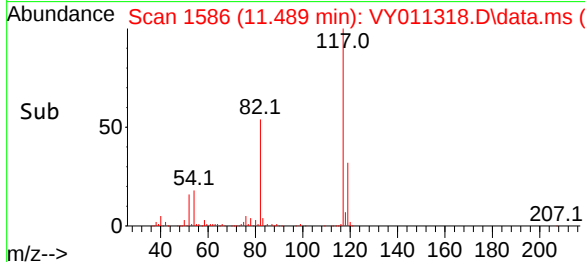
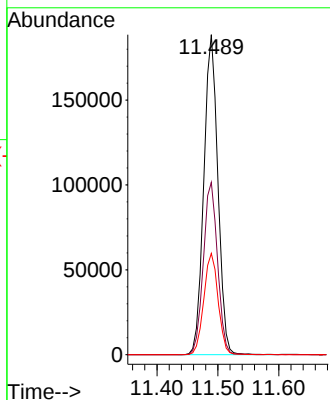
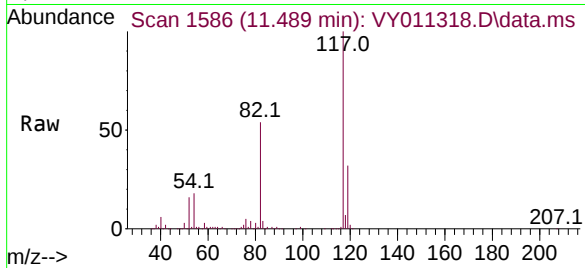




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

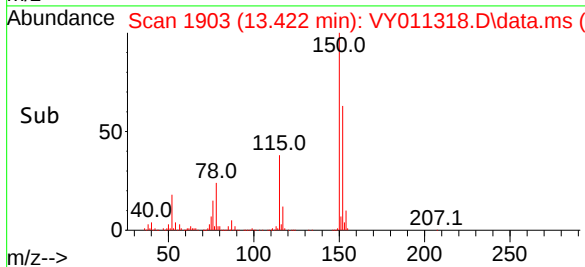
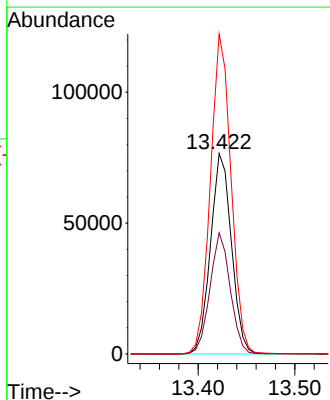
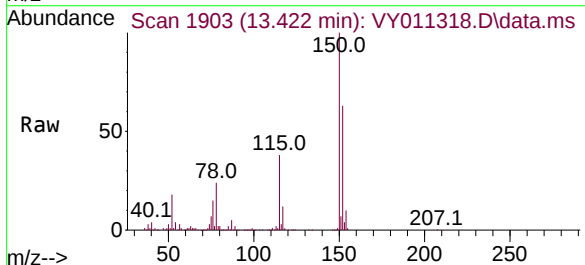
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09

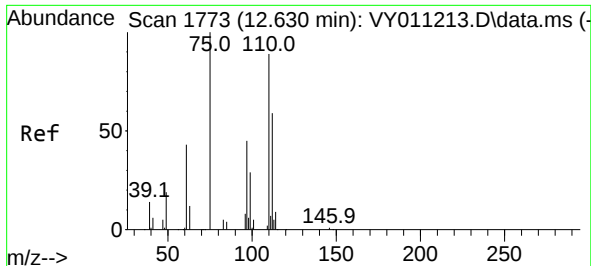
Tgt Ion:117 Resp: 302674
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

Tgt Ion:152 Resp: 115196
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.6 0.0 347.6

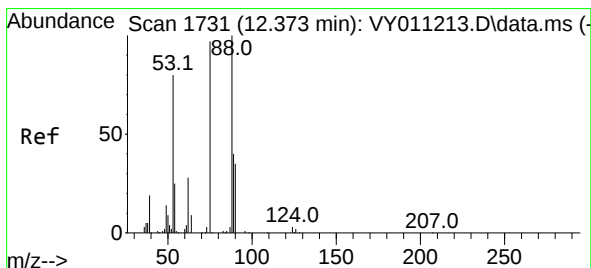
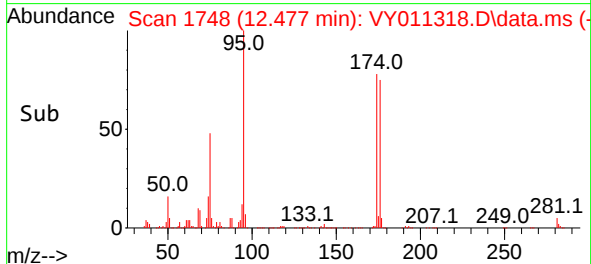
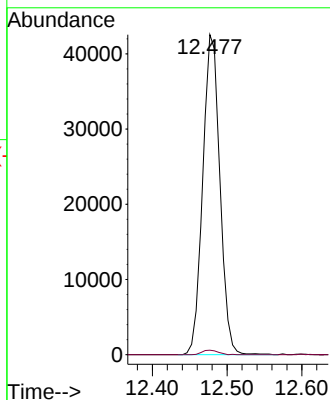
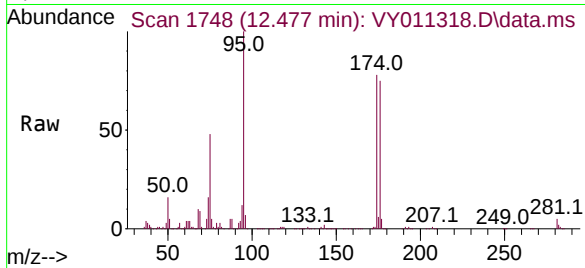




#76
1,2,3-Trichloropropane
Concen: 48.379 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

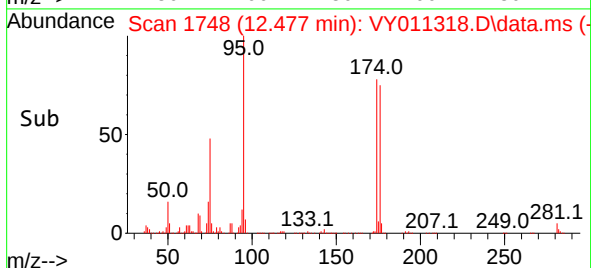
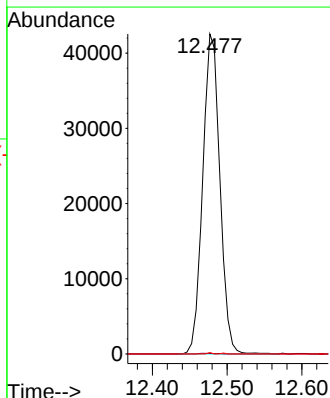
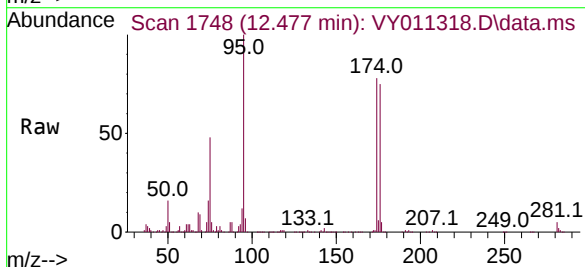
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-09

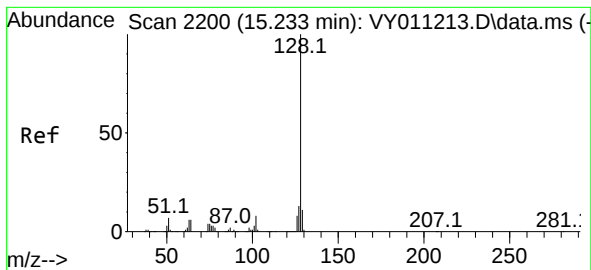
Tgt Ion: 75 Resp: 67847
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.537 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011318.D
Acq: 04 Nov 2022 23:11

Tgt Ion: 75 Resp: 67847
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 4.004 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY011318.D

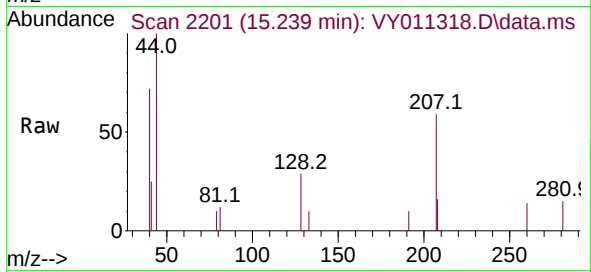
Acq: 04 Nov 2022 23:11

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-09



Tgt Ion:128 Resp: 198

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

