

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020280.D
 Acq On : 13 Nov 2024 14:05
 Operator : SY/MD
 Sample : P4811-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB24008RE

Quant Time: Nov 13 14:32:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

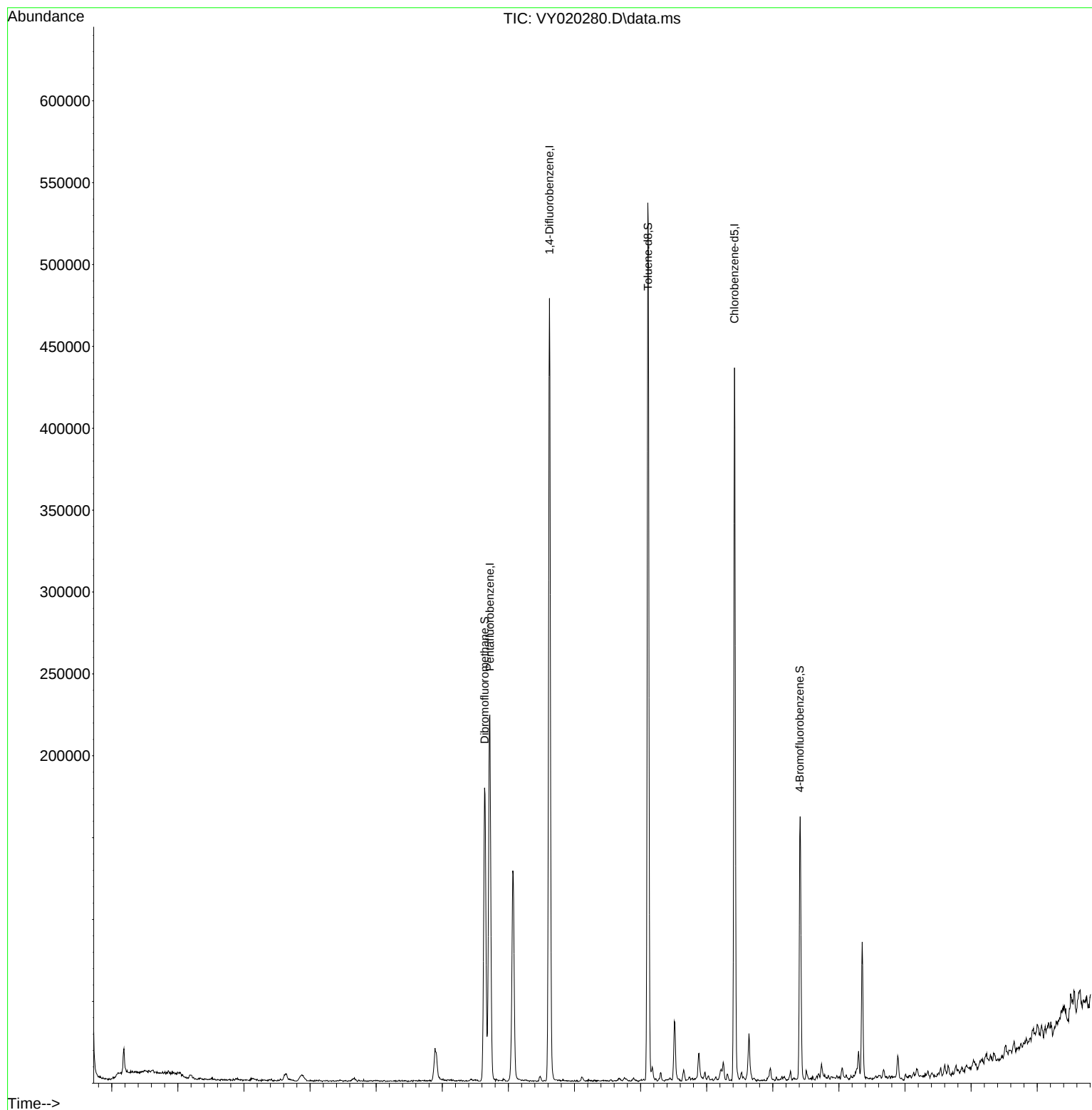
Internal Standards						
1) Pentafluorobenzene	7.719	168	160290	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	382872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	217277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	18944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99678	49.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.640	113	127020	52.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.109	98	336877	34.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	69.540%
62) 4-Bromofluorobenzene	12.407	95	44006	13.982	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	27.960%#
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.639	106	6038	1.907	ug/l	91
86) p-Isopropyltoluene	13.297	119	6637	5.071	ug/l #	84

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

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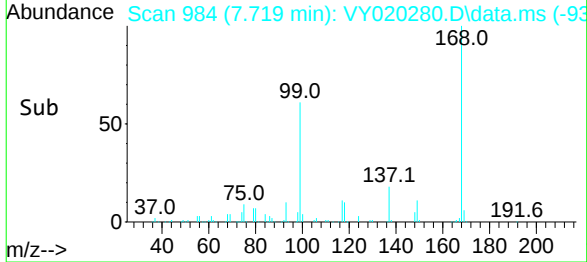
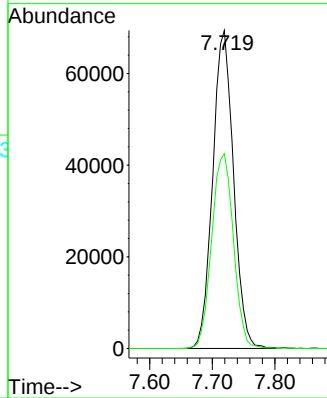
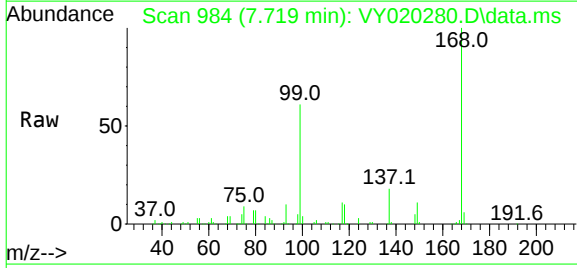




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020280.D
Acq: 13 Nov 2024 14:05

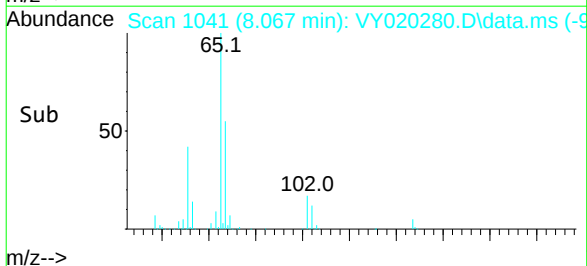
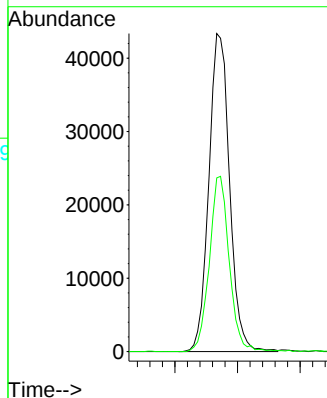
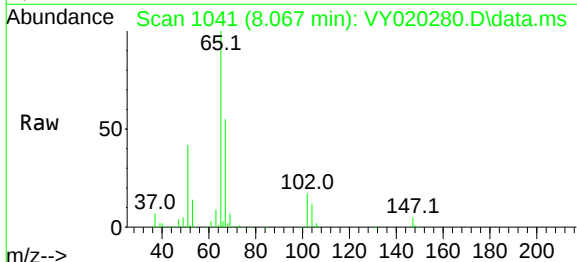
Instrument :
MSVOA_Y
ClientSampleId :
RB24008RE

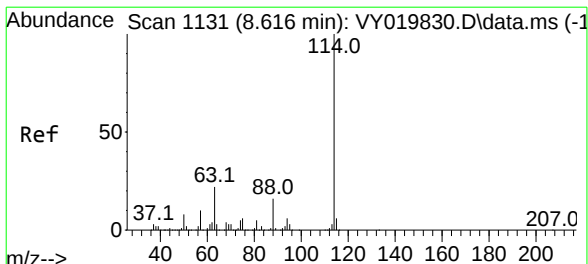
Tgt Ion:168 Resp: 160290
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 49.826 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020280.D
Acq: 13 Nov 2024 14:05

Tgt Ion: 65 Resp: 99678
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

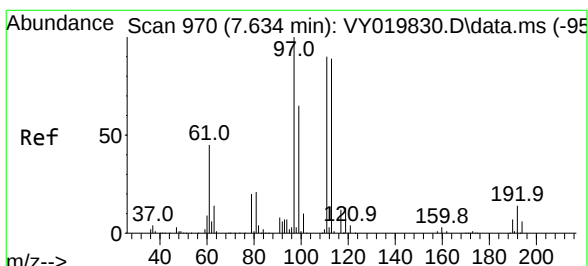
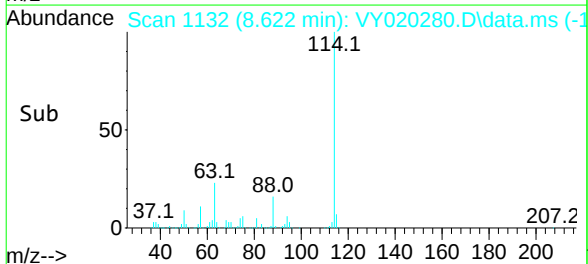
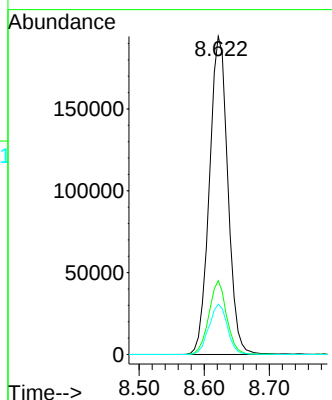
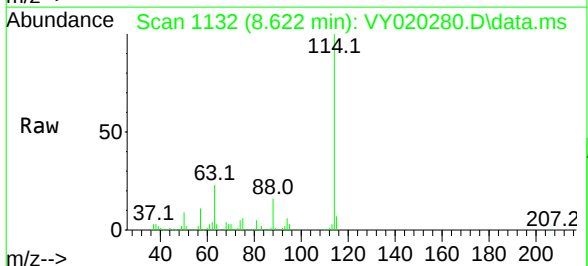




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020280.D
 Acq: 13 Nov 2024 14:05

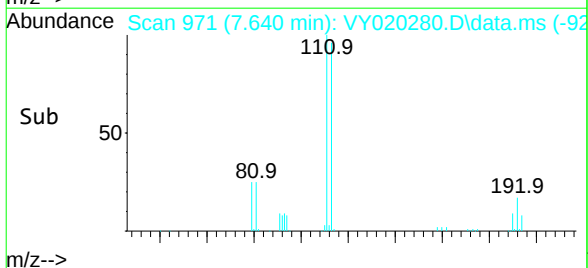
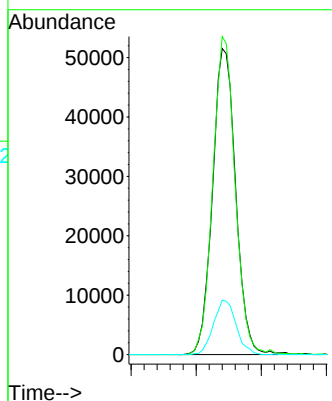
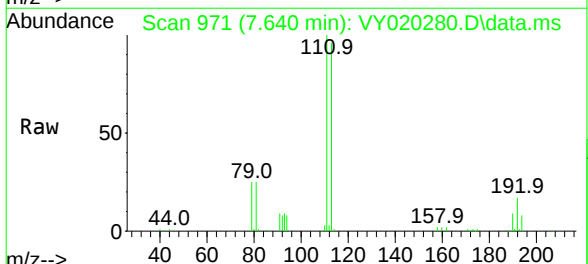
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB24008RE

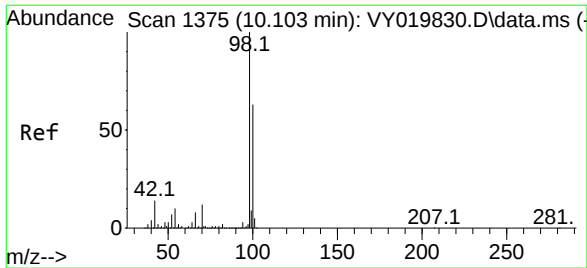
Tgt Ion:	114	Resp:	382872
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.180 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020280.D
 Acq: 13 Nov 2024 14:05

Tgt Ion:	113	Resp:	127020
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	17.4	15.9	23.9





#50

Toluene-d8

Concen: 34.767 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020280.D

Acq: 13 Nov 2024 14:05

Instrument :

MSVOA_Y

ClientSampleId :

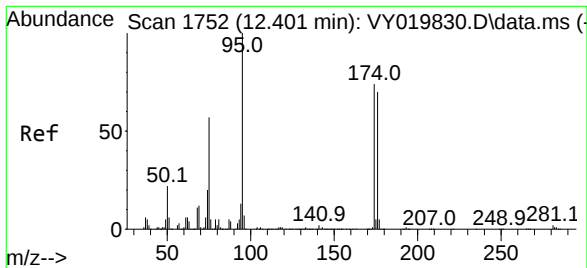
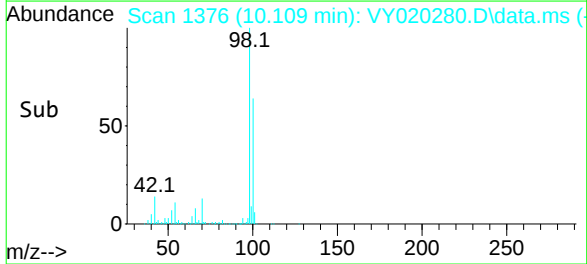
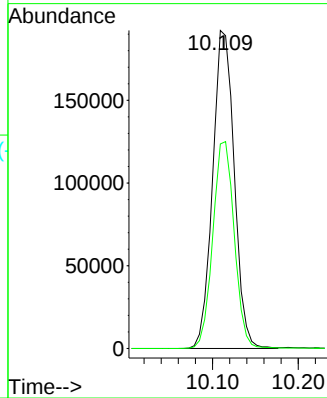
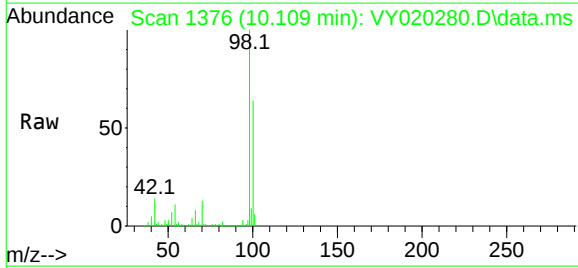
RB24008RE

Tgt Ion: 98 Resp: 336877

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 13.982 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020280.D

Acq: 13 Nov 2024 14:05

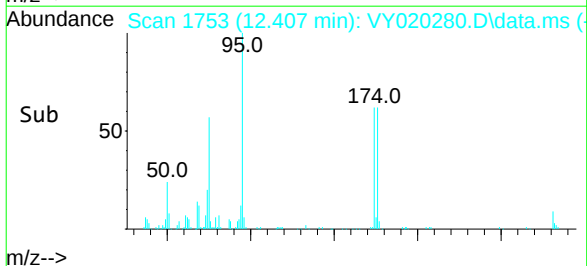
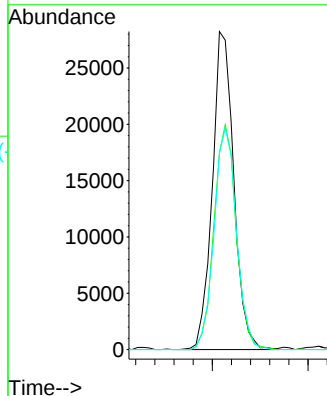
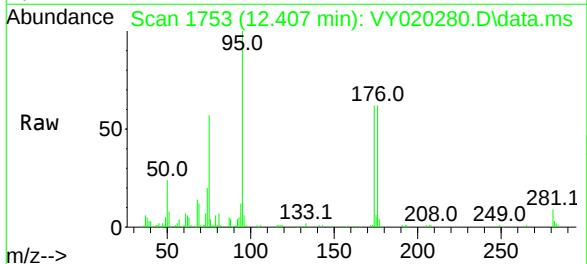
Tgt Ion: 95 Resp: 44006

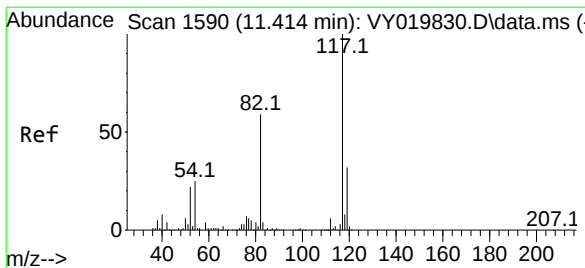
Ion Ratio Lower Upper

95 100

174 72.8 0.0 175.6

176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020280.D

Acq: 13 Nov 2024 14:05

Instrument :

MSVOA_Y

ClientSampleId :

RB24008RE

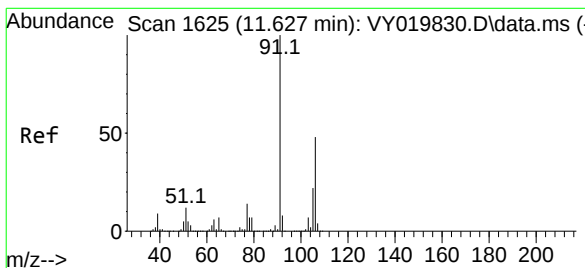
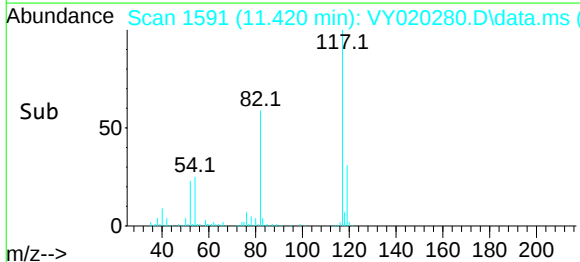
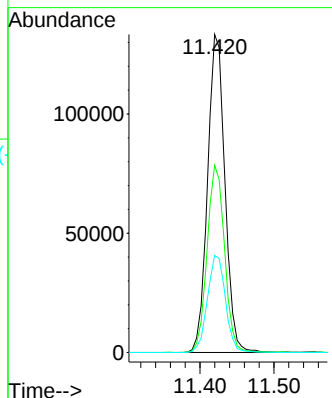
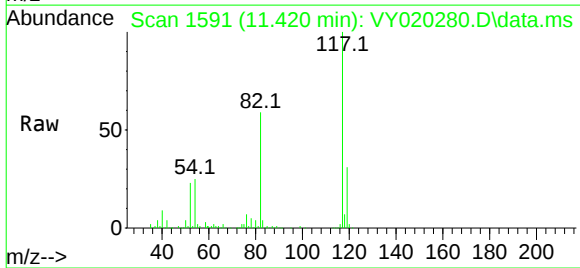
Tgt Ion:117 Resp: 217277

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 30.5 25.9 38.9



#68

m/p-Xylenes

Concen: 1.907 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020280.D

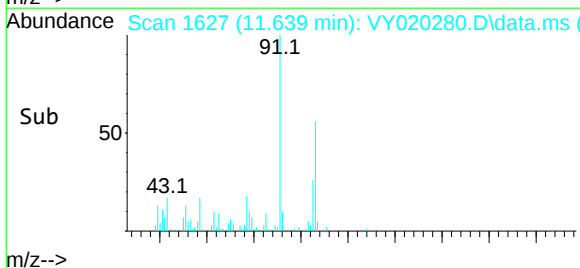
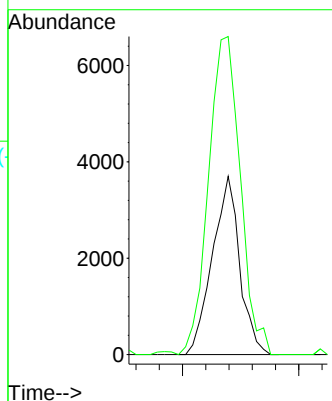
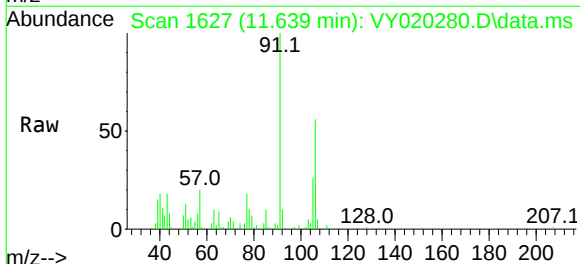
Acq: 13 Nov 2024 14:05

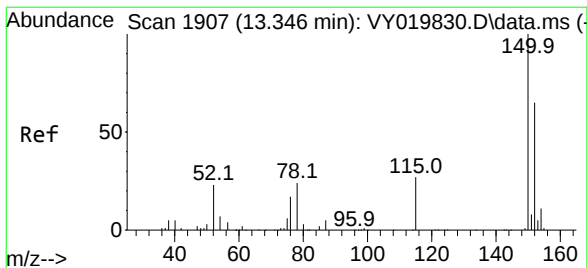
Tgt Ion:106 Resp: 6038

Ion Ratio Lower Upper

106 100

91 208.7 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020280.D

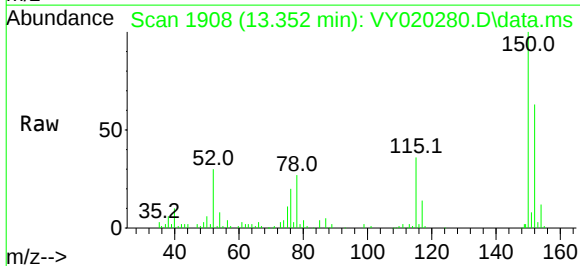
Acq: 13 Nov 2024 14:05

Instrument :

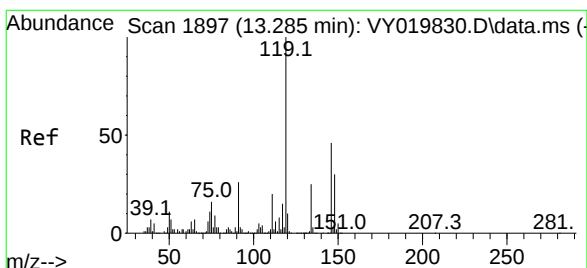
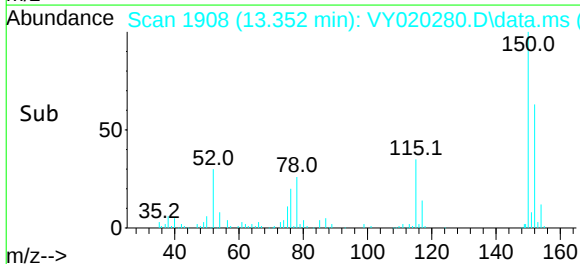
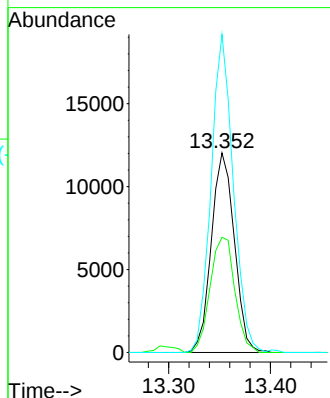
MSVOA_Y

ClientSampleId :

RB24008RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.7
150	154.0	0.0	345.6



#86

p-Isopropyltoluene

Concen: 5.071 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020280.D

Acq: 13 Nov 2024 14:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.9	13.1	39.3
91	34.0	10.7	32.1

