

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019405.D
 Acq On : 30 Aug 2024 18:57
 Operator : SY/MD
 Sample : P3767-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-5-COMPOSITERE

Quant Time: Aug 30 23:19:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	8955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	16161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	9780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	3890	45.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.720%
35) Dibromofluoromethane	7.628	113	3198	31.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.600%
50) Toluene-d8	10.109	98	15990	42.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.020%
62) 4-Bromofluorobenzene	12.414	95	2675	21.989	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.980%

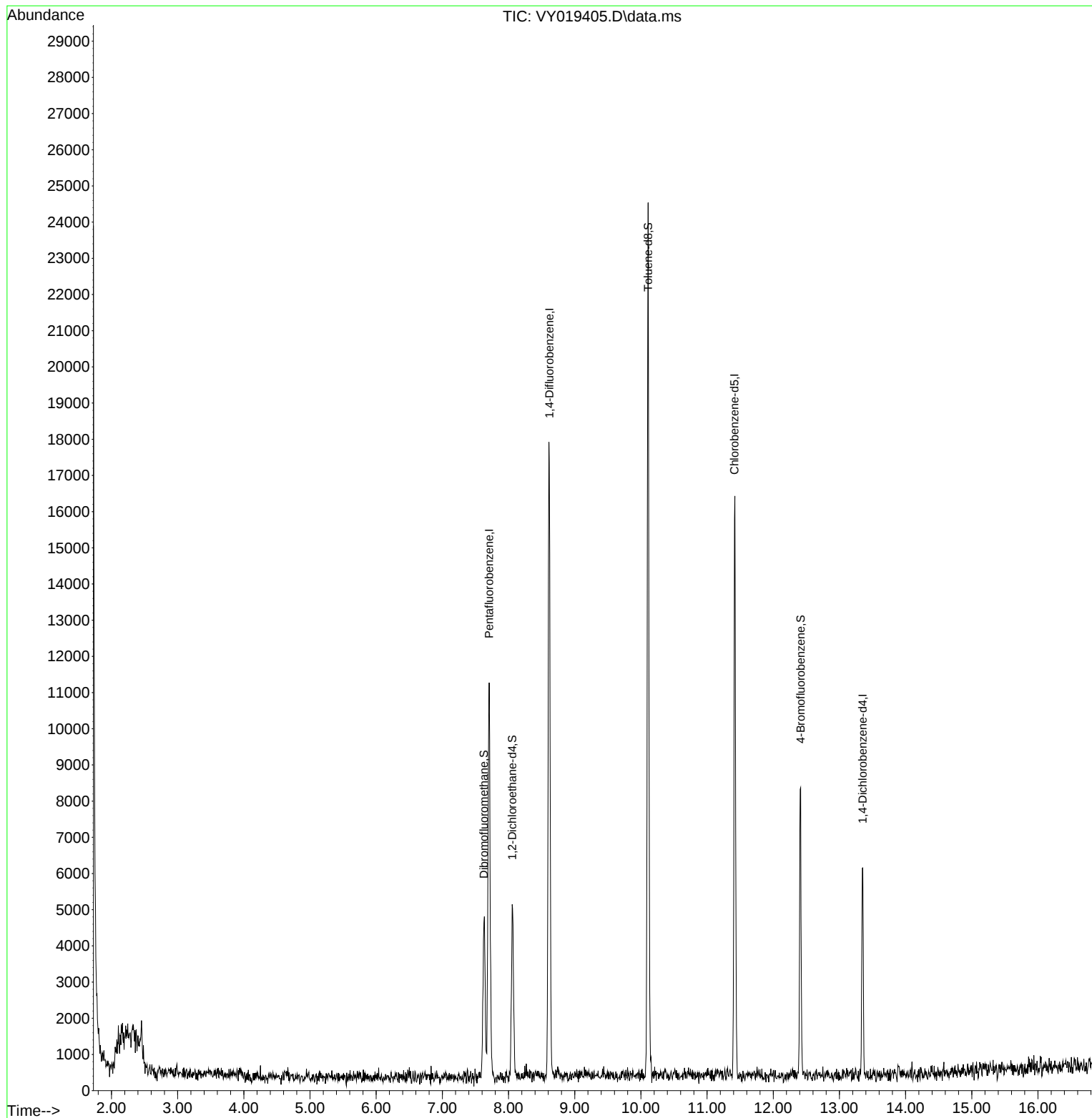
Target Compounds	Qvalue

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

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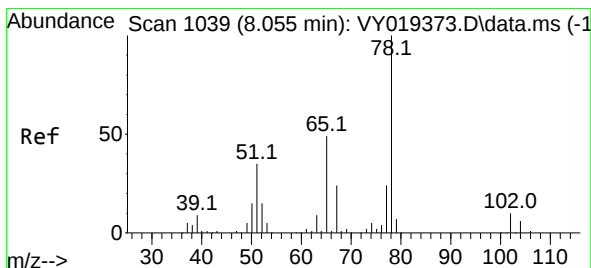
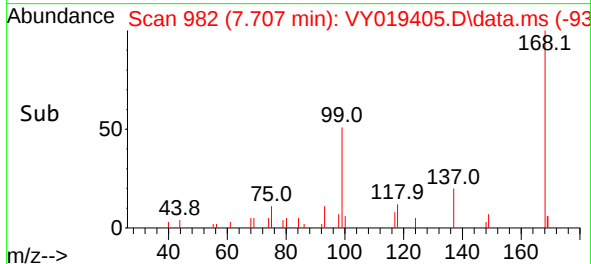
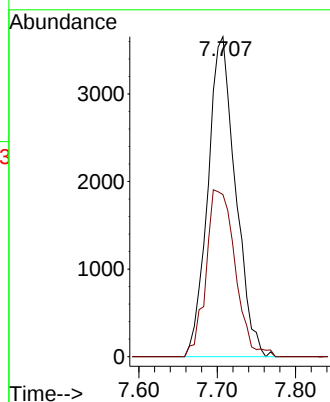
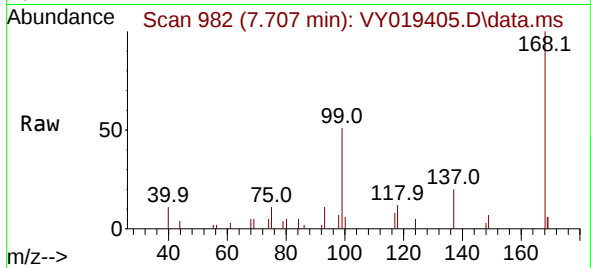




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

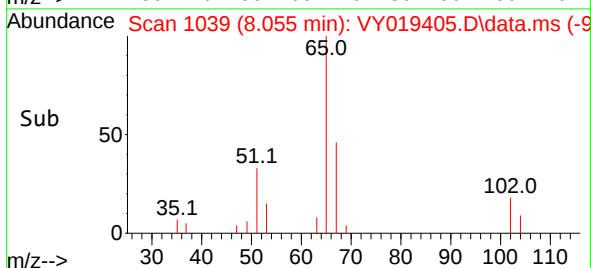
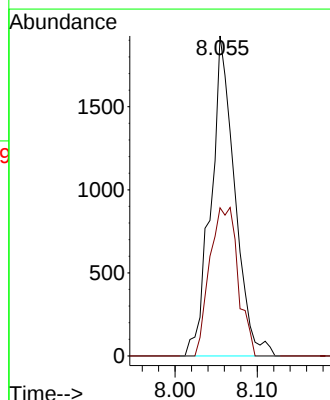
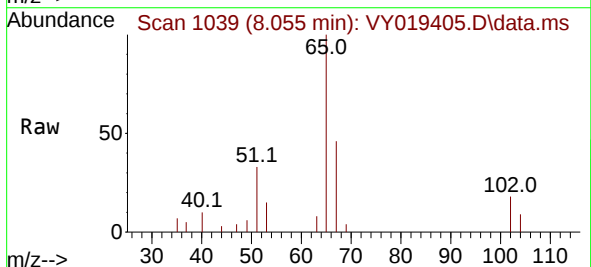
Instrument :
MSVOA_Y
ClientSampleId :
P-5-COMPOSITERE

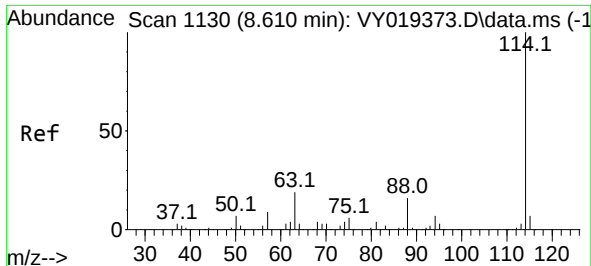
Tgt Ion:168 Resp: 8955
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.862 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Tgt Ion: 65 Resp: 3890
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

P-5-COMPOSITERE

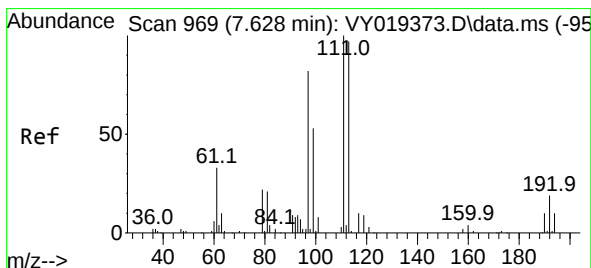
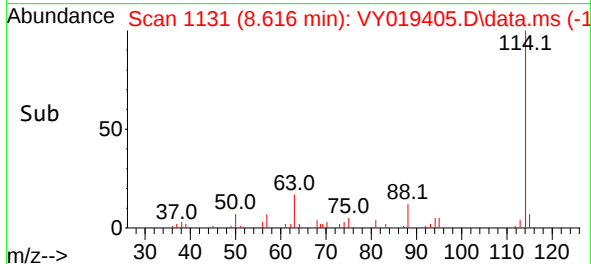
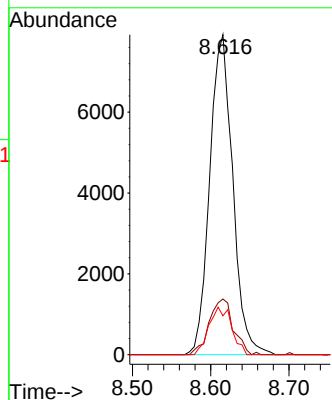
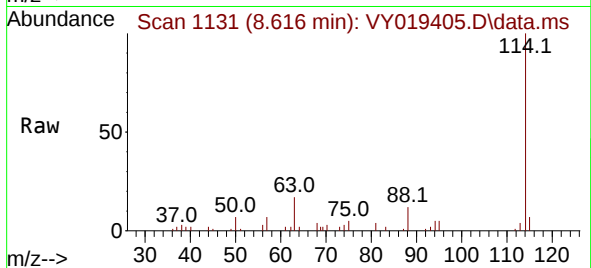
Tgt Ion:114 Resp: 16161

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 12.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 31.299 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

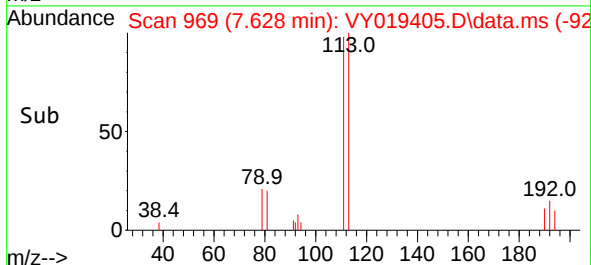
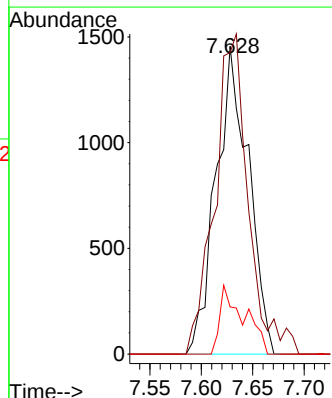
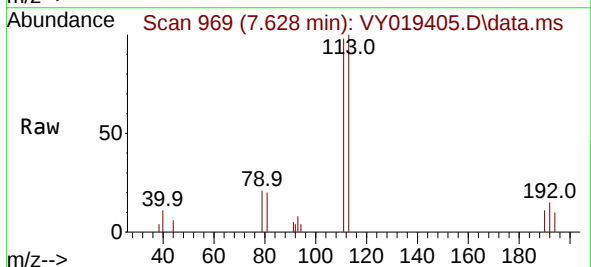
Tgt Ion:113 Resp: 3198

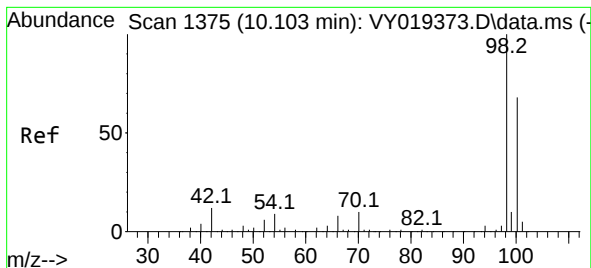
Ion Ratio Lower Upper

113 100

111 107.1 82.2 123.4

192 16.7 15.9 23.9





#50

Toluene-d8

Concen: 42.512 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

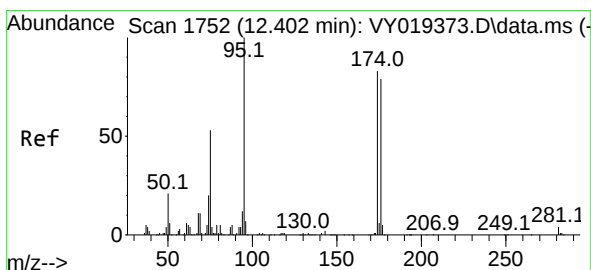
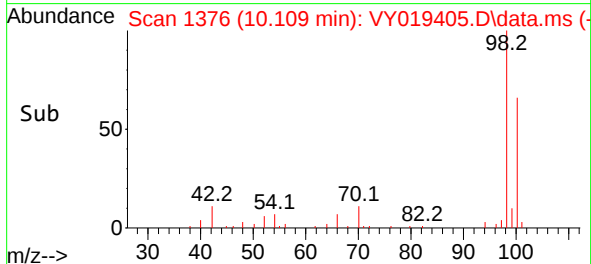
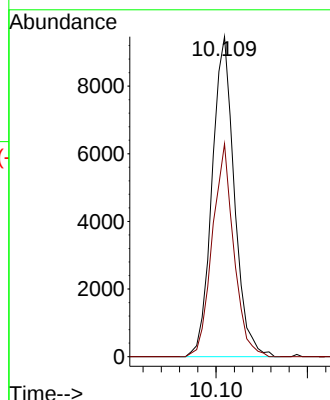
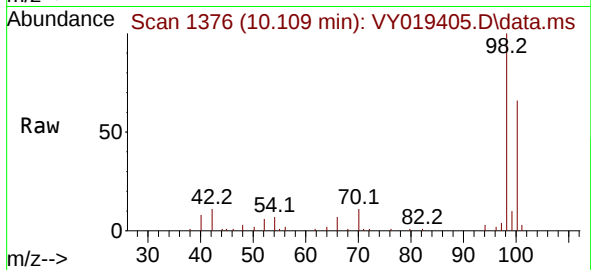
P-5-COMPOSITERE

Tgt Ion: 98 Resp: 15990

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 21.989 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

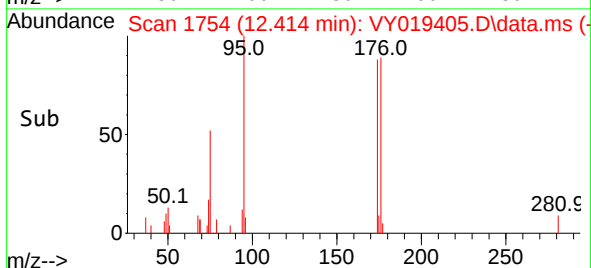
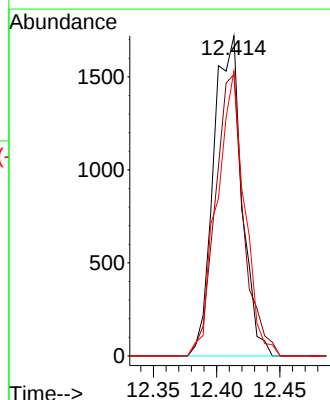
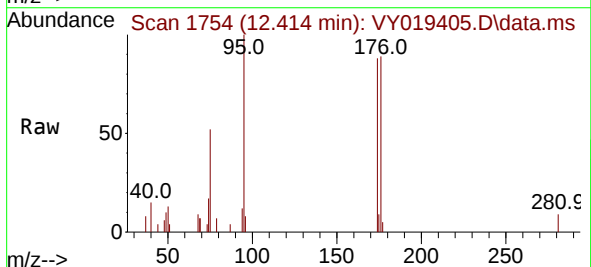
Tgt Ion: 95 Resp: 2675

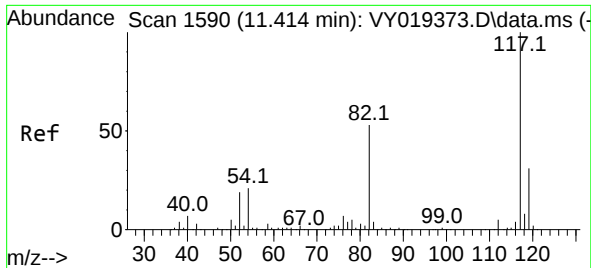
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

176 87.4 0.0 171.4

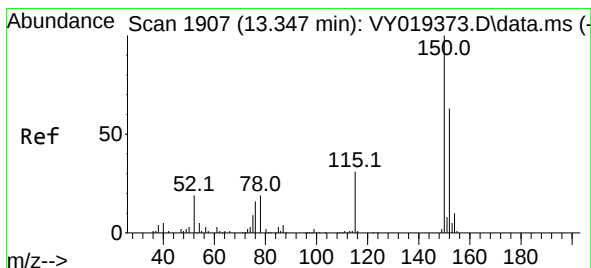
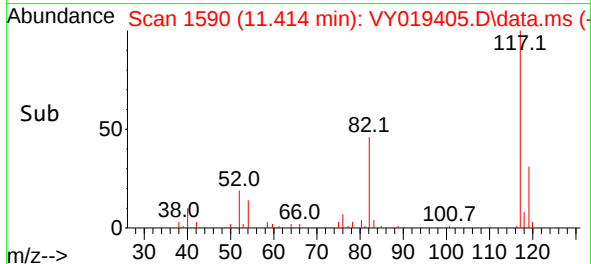
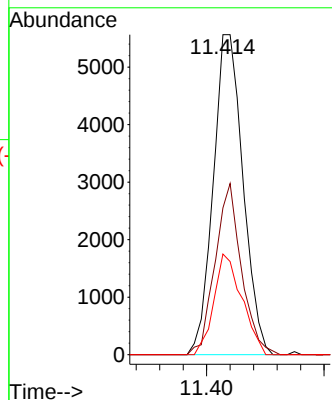
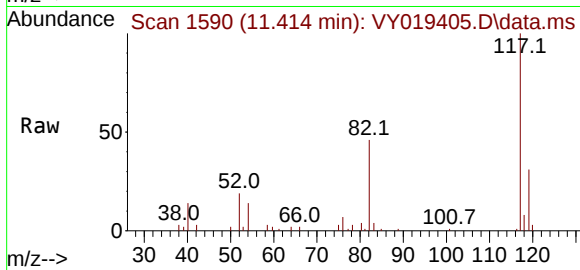




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :
P-5-COMPOSITERE

Tgt Ion:	117	Resp:	9780
Ion	Ratio	Lower	Upper
117	100		
82	45.8	42.4	63.6
119	31.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Tgt Ion:	152	Resp:	1696
Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.7
150	168.4	0.0	345.6

