

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019932.D
 Acq On : 17 Oct 2024 15:14
 Operator : SY/MD
 Sample : P4422-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-101624

Quant Time: Oct 18 01:42:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	225447	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	464494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	416728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159464	57.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.900%
35) Dibromofluoromethane	7.634	113	151382	49.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.109	98	572793	50.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.401	95	175427	42.892	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.780%

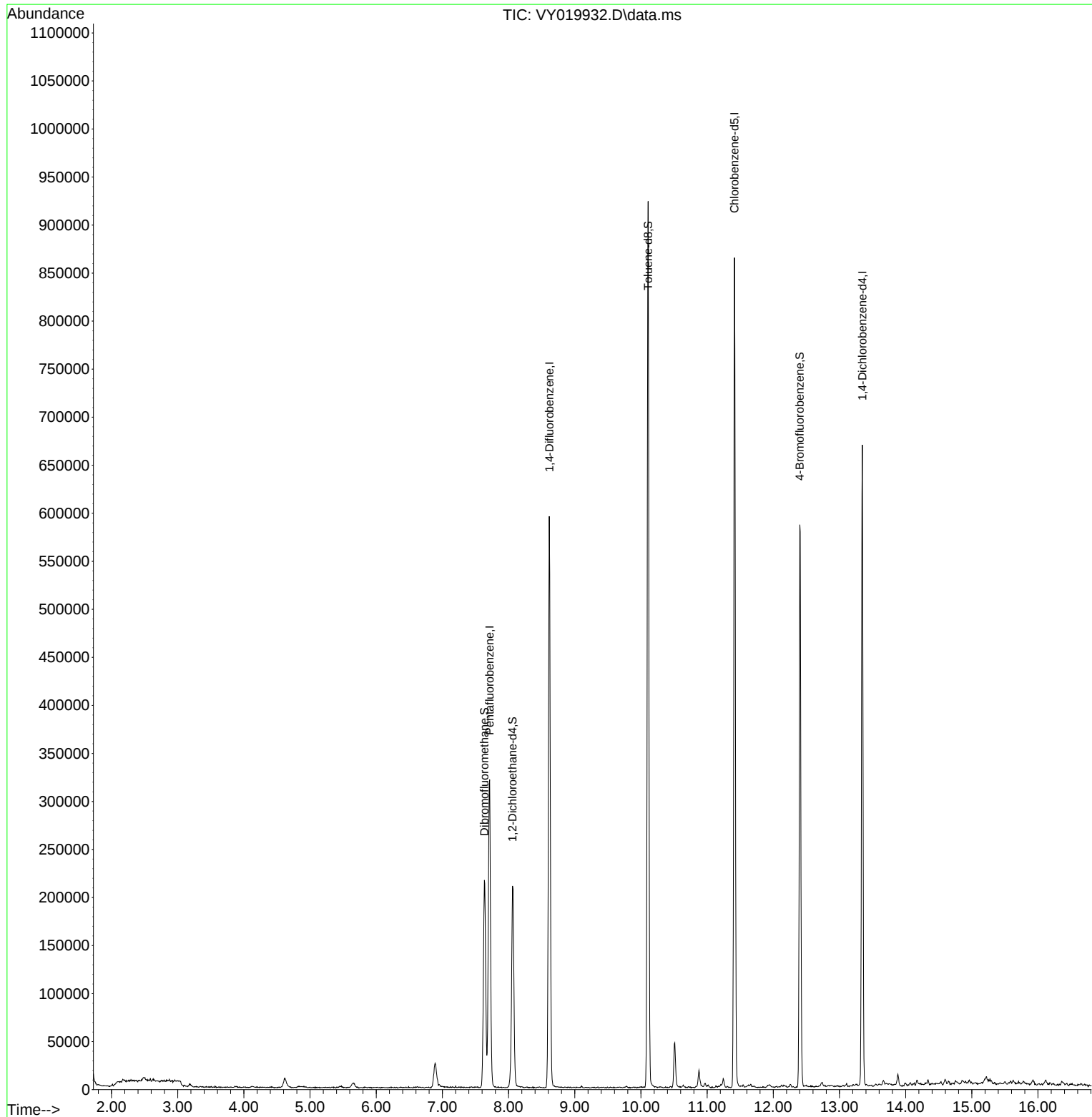
Target Compounds	Qvalue

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

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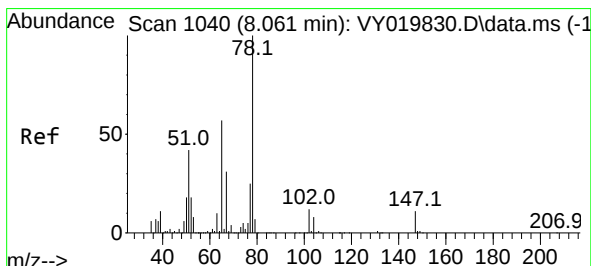
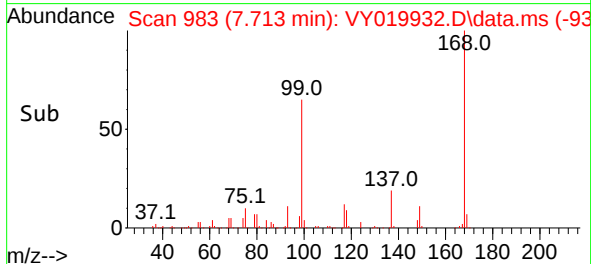
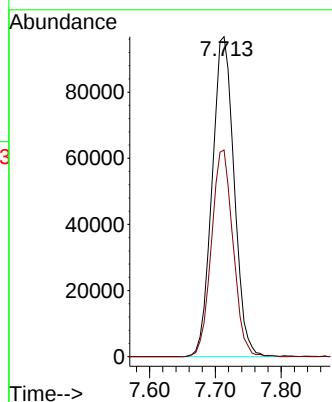
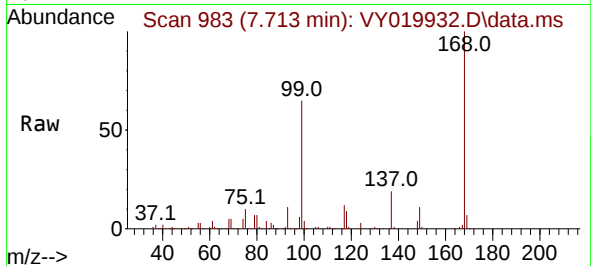




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019932.D
Acq: 17 Oct 2024 15:14

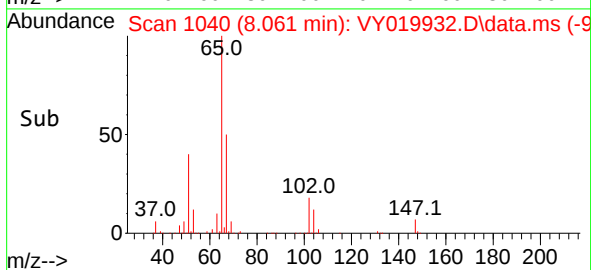
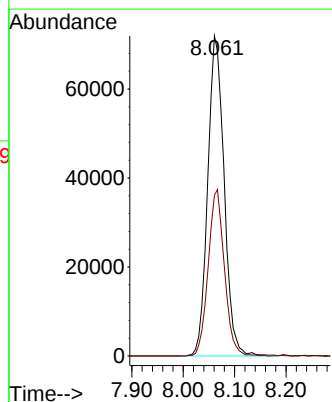
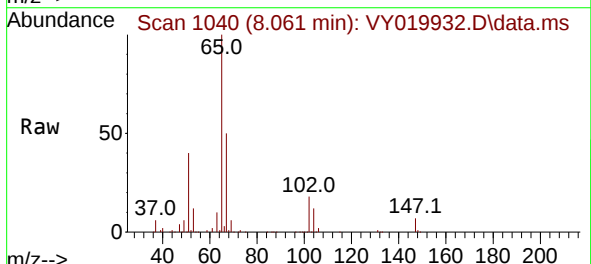
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-101624

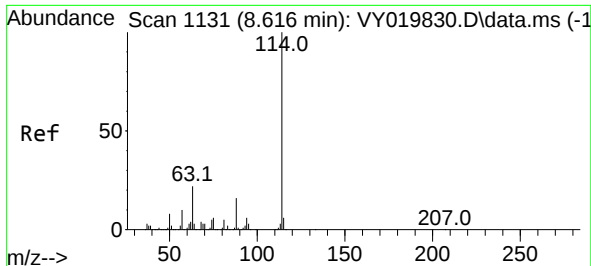
Tgt Ion:168 Resp: 225447
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.446 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019932.D
Acq: 17 Oct 2024 15:14

Tgt Ion: 65 Resp: 159464
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

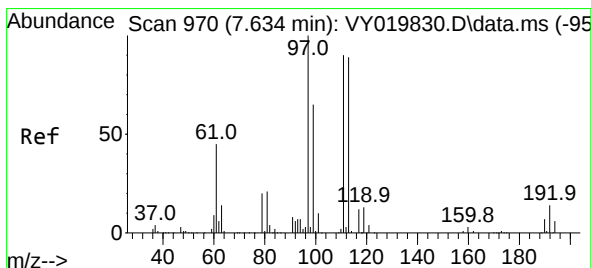
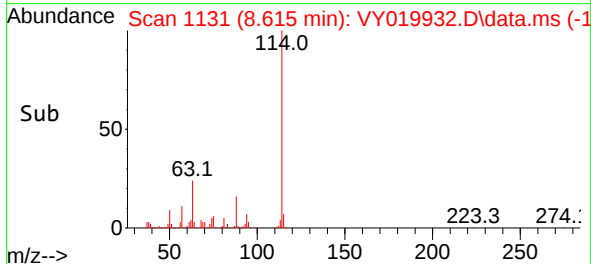
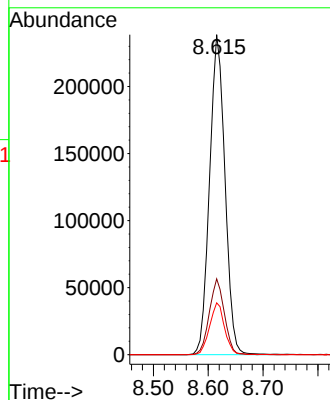
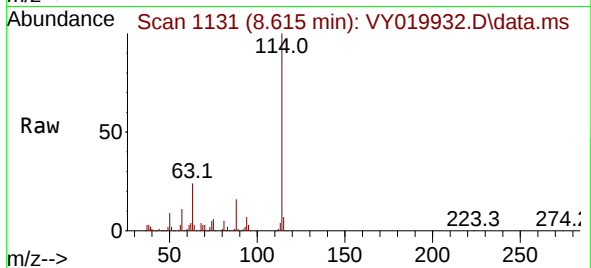




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019932.D
Acq: 17 Oct 2024 15:14

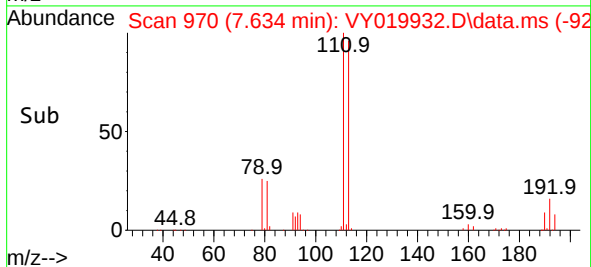
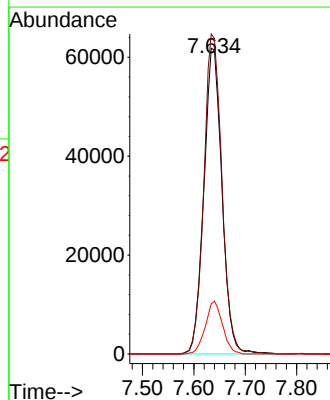
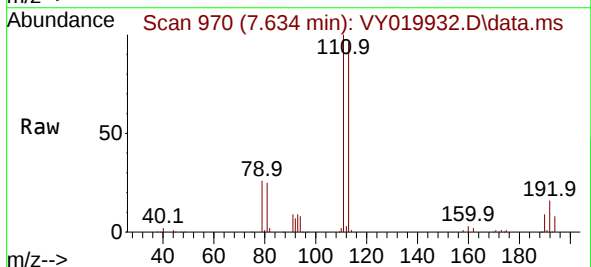
Instrument :
MSVOA_Y
ClientSampleId :
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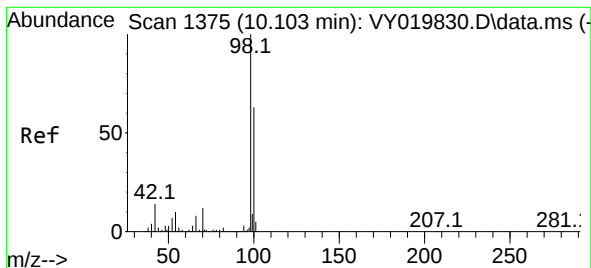
Tgt Ion:114 Resp: 464494
Ion Ratio Lower Upper
114 100
63 23.7 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019932.D
Acq: 17 Oct 2024 15:14

Tgt Ion:113 Resp: 151382
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.4 15.9 23.9





#50

Toluene-d8

Concen: 50.604 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019932.D

Acq: 17 Oct 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

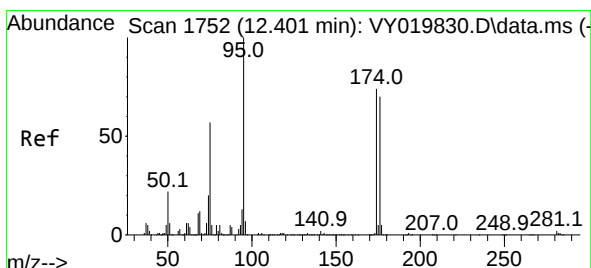
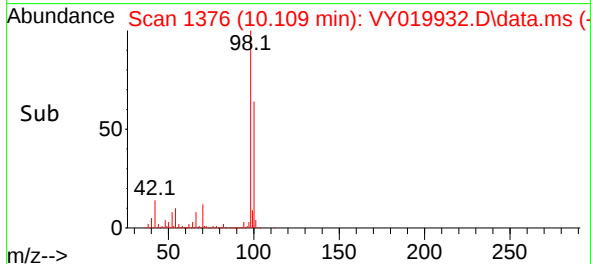
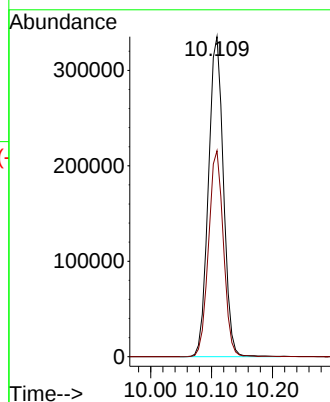
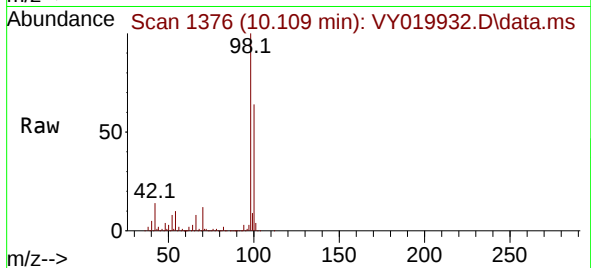
EO-01-101624

Tgt Ion: 98 Resp: 572793

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.892 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019932.D

Acq: 17 Oct 2024 15:14

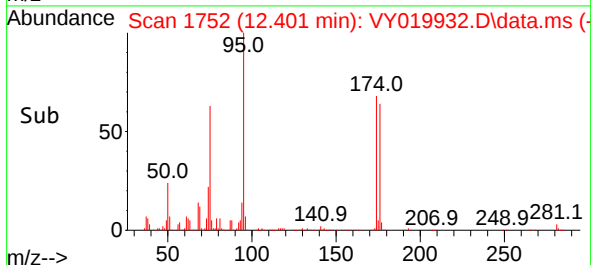
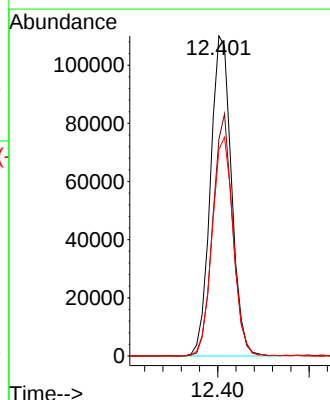
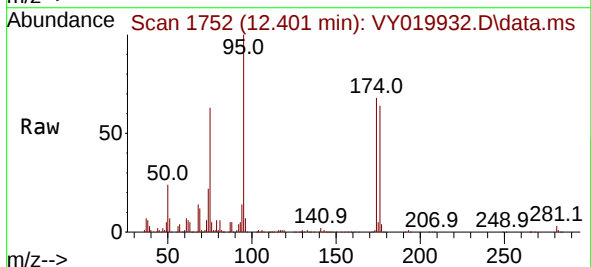
Tgt Ion: 95 Resp: 175427

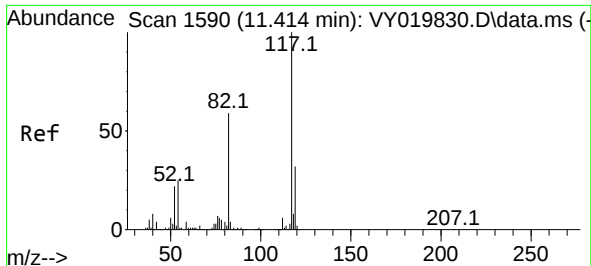
Ion Ratio Lower Upper

95 100

174 71.3 0.0 175.6

176 68.8 0.0 171.4

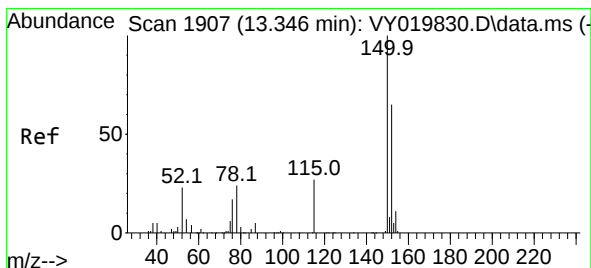
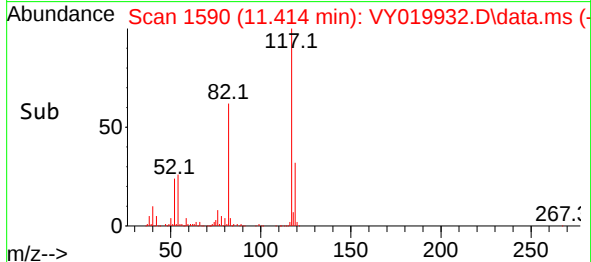
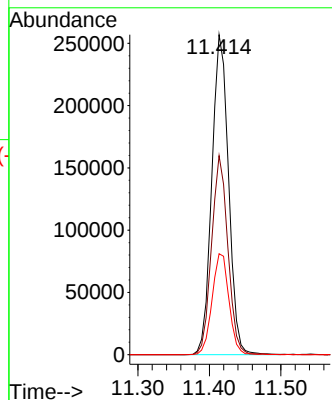
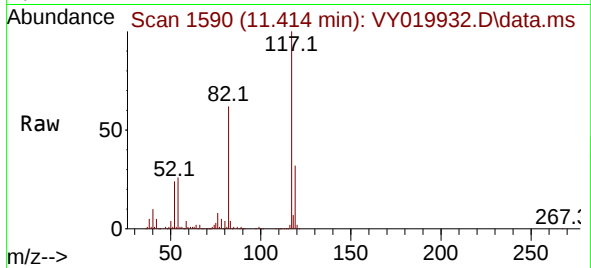




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019932.D
Acq: 17 Oct 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-101624

Tgt Ion:117 Resp: 416728
Ion Ratio Lower Upper
117 100
82 62.2 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019932.D
Acq: 17 Oct 2024 15:14

Tgt Ion:152 Resp: 148649
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 159.2 0.0 345.6

