

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019335.D
 Acq On : 28 Aug 2024 17:17
 Operator : SY/MD
 Sample : P3748-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-082624

Quant Time: Aug 29 01:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	60138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	106723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	35108	58.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.622	113	35597	51.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.103	98	120244	47.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.408	95	34461	40.255	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.520%

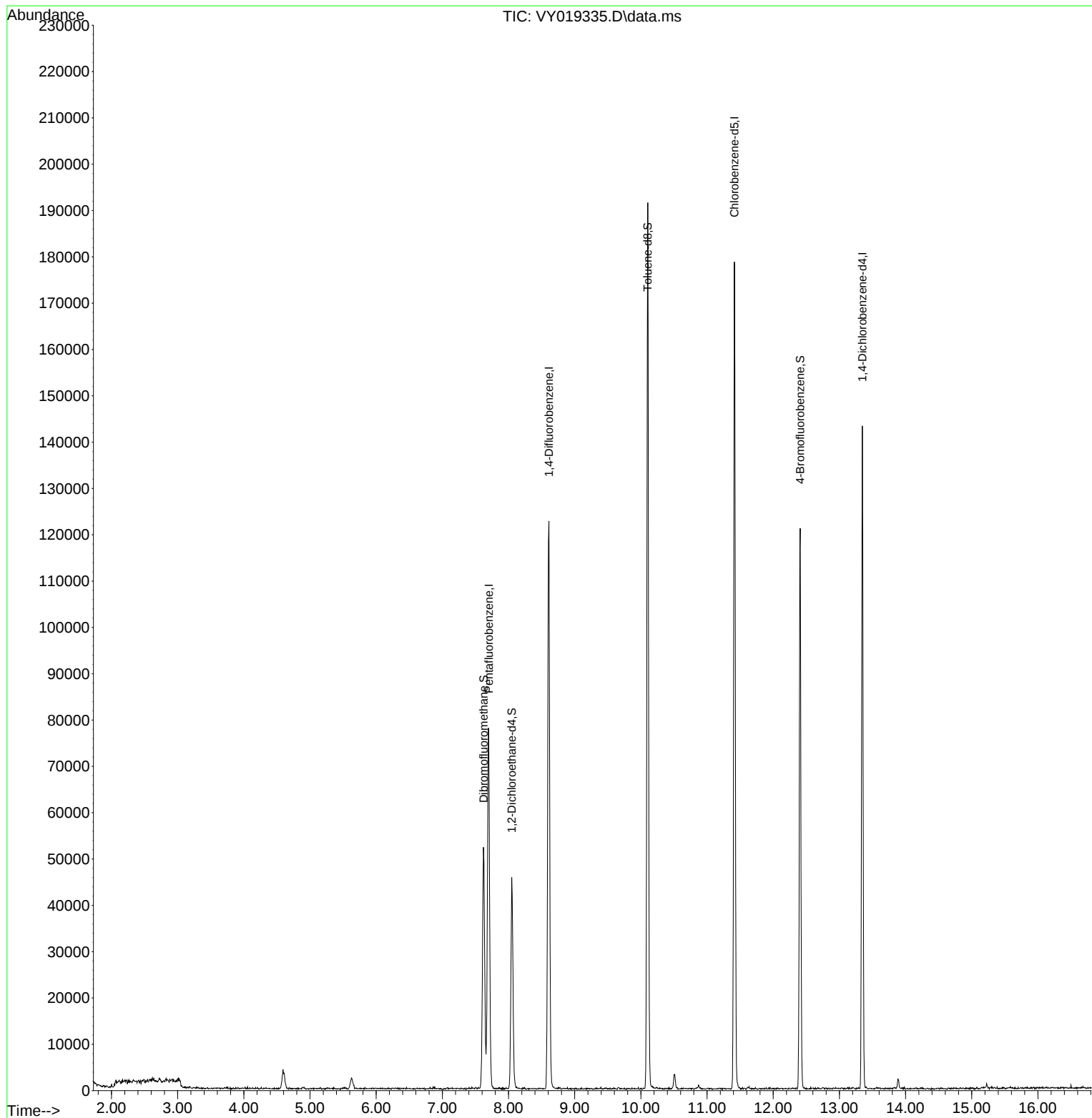
Target Compounds	Qvalue

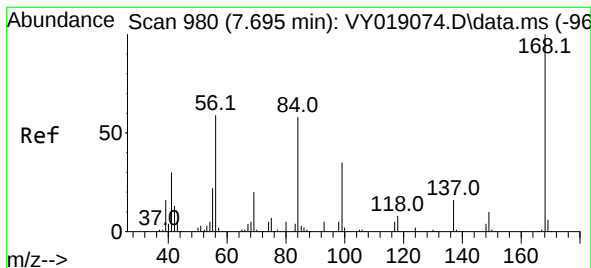
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.701 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019335.D

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Instrument :

MSVOA_Y

ClientSampleId :

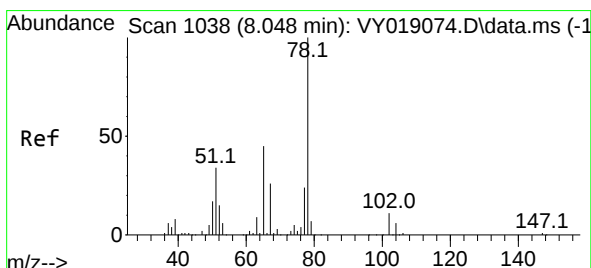
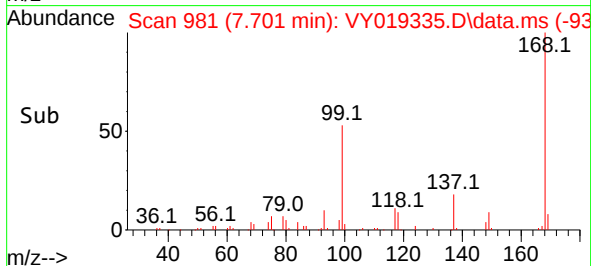
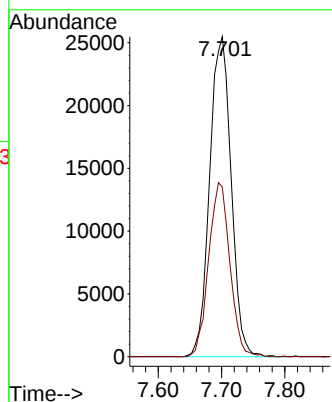
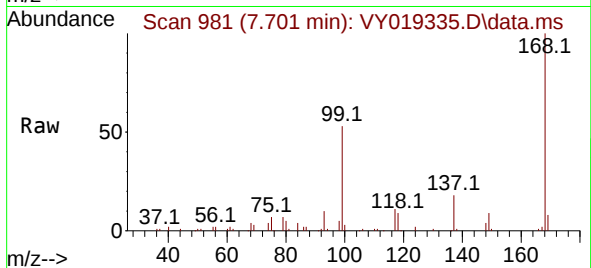
OK-02-082624

Tgt Ion:168 Resp: 60138

Ion Ratio Lower Upper

168 100

99 53.0 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 58.238 ug/l

RT: 8.049 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY019335.D

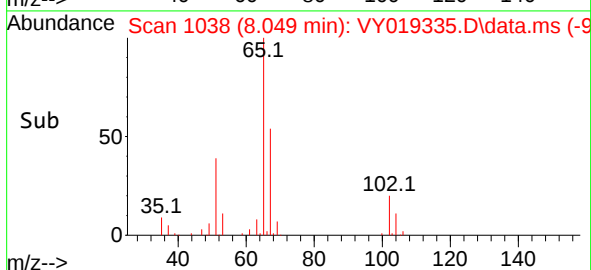
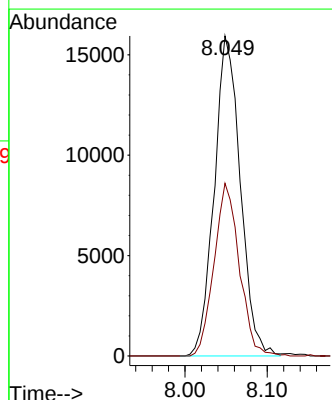
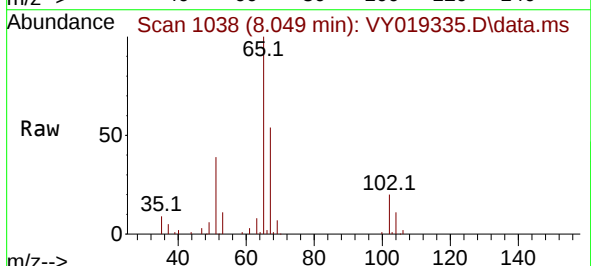
Acq: 28 Aug 2024 17:17

Tgt Ion: 65 Resp: 35108

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6

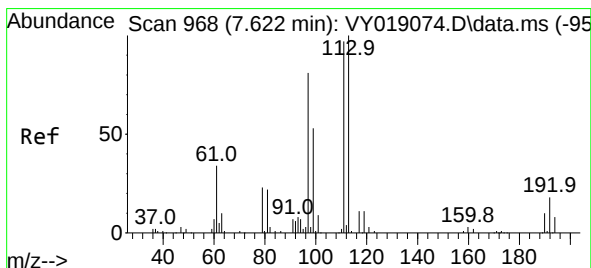
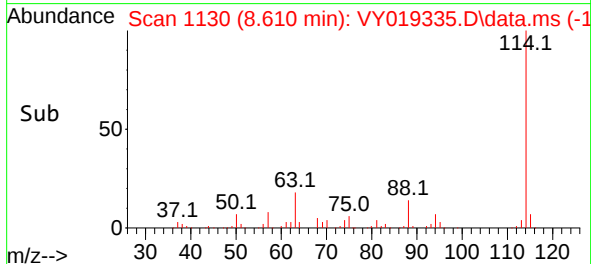
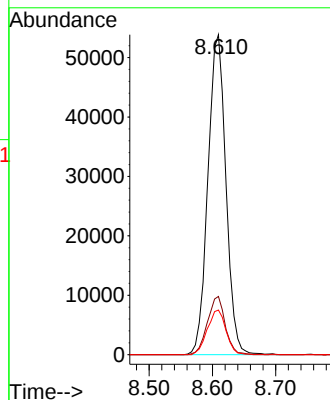
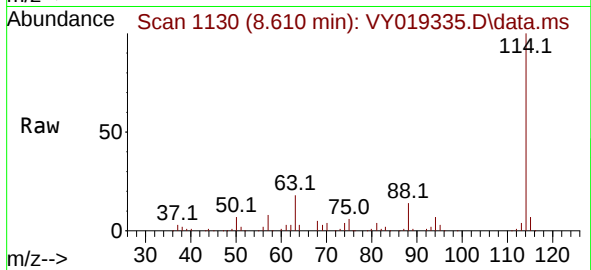




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

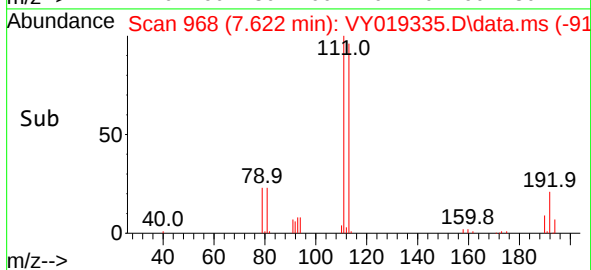
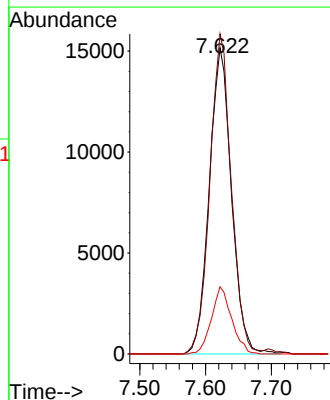
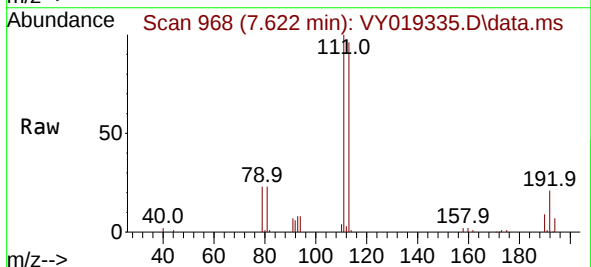
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082624

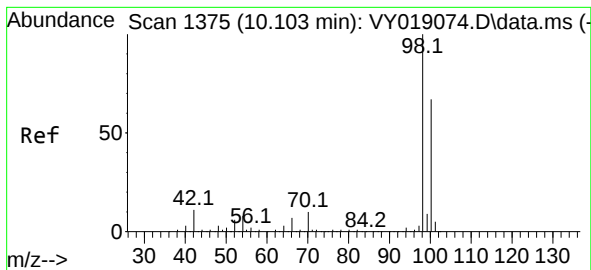
Tgt Ion:114 Resp: 106723
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.012 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Tgt Ion:113 Resp: 35597
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 20.0 15.9 23.9





#50

Toluene-d8

Concen: 47.883 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019335.D

Acq: 28 Aug 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

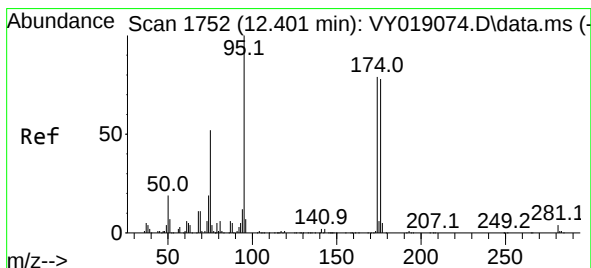
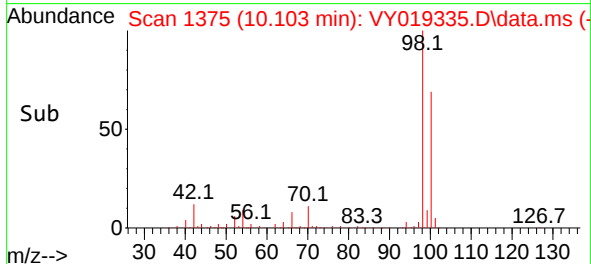
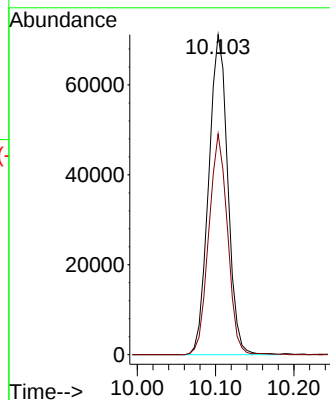
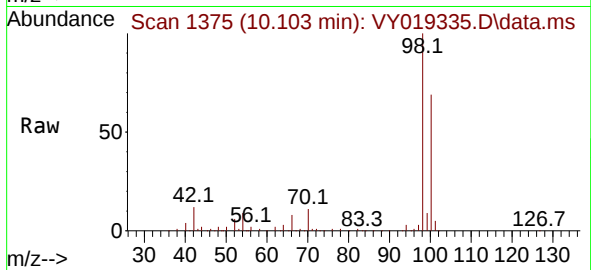
OK-02-082624

Tgt Ion: 98 Resp: 120244

Ion Ratio Lower Upper

98 100

100 67.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.255 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019335.D

Acq: 28 Aug 2024 17:17

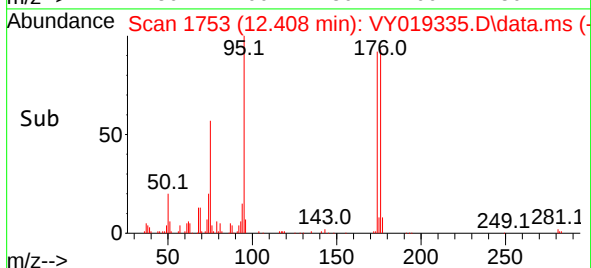
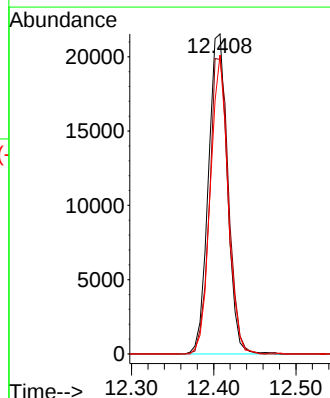
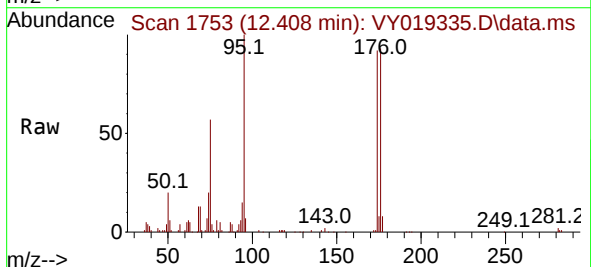
Tgt Ion: 95 Resp: 34461

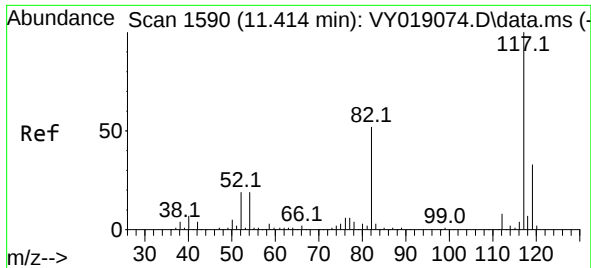
Ion Ratio Lower Upper

95 100

174 94.0 0.0 175.6

176 87.3 0.0 171.4

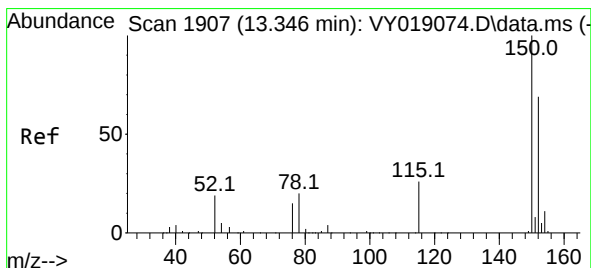
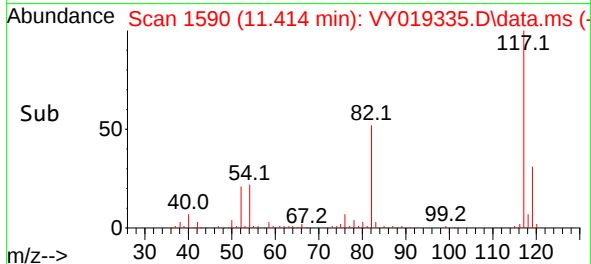
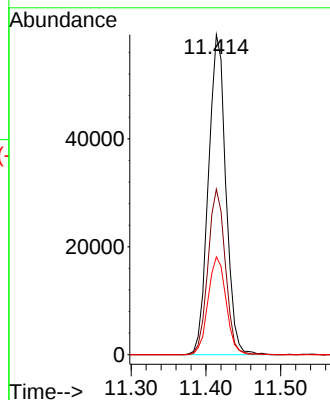
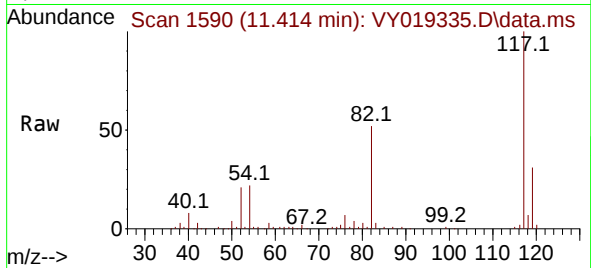




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019335.D
Acq: 28 Aug 2024 17:17

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082624

Tgt Ion:117 Resp: 96016
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 30.6 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: VY019335.D
Acq: 28 Aug 2024 17:17

Tgt Ion:152 Resp: 35261
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 154.6 0.0 345.6

