

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019945.D
 Acq On : 18 Oct 2024 12:03
 Operator : SY/MD
 Sample : P4421-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-101624

Quant Time: Oct 18 23:30:58 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	7.726	168	1725	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.616	114	3409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	1372	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	360	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1631	76.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.580%
35) Dibromofluoromethane	7.634	113	1460	64.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.800%
50) Toluene-d8	10.109	98	2696	32.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	64.900%
62) 4-Bromofluorobenzene	12.414	95	335	11.160	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.320%#

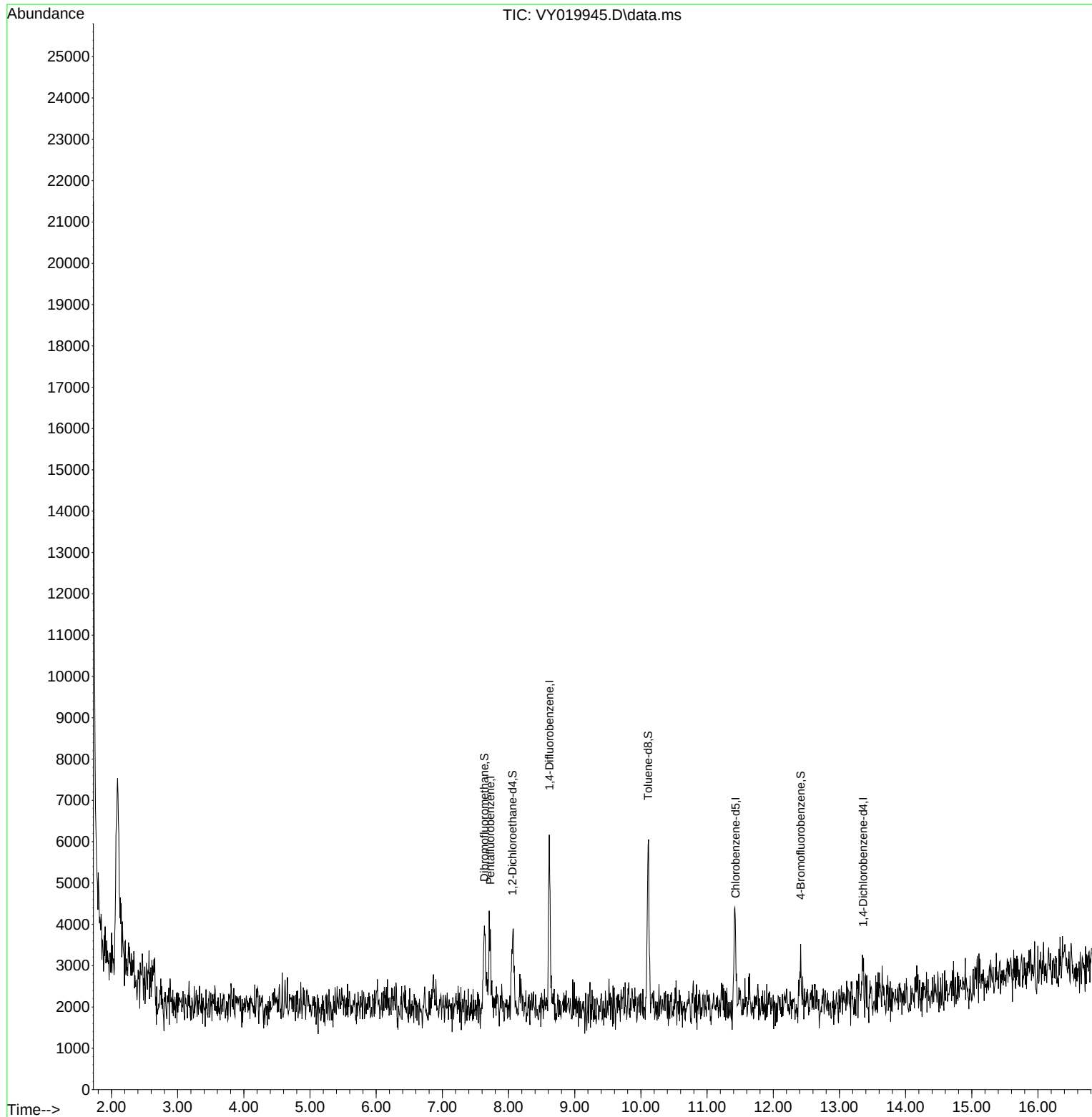
Target Compounds	Qvalue

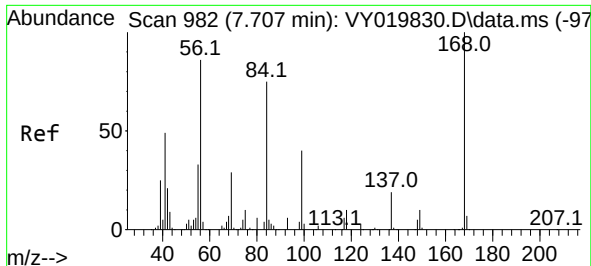
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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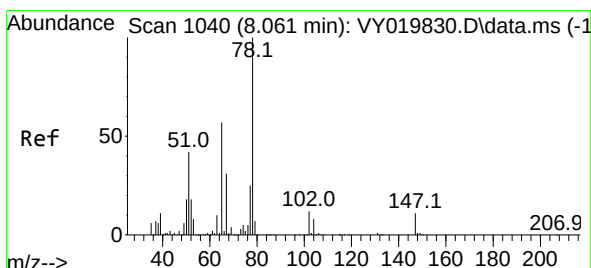
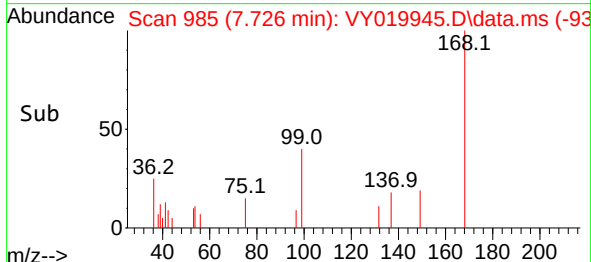
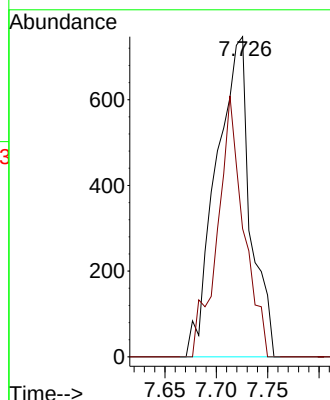
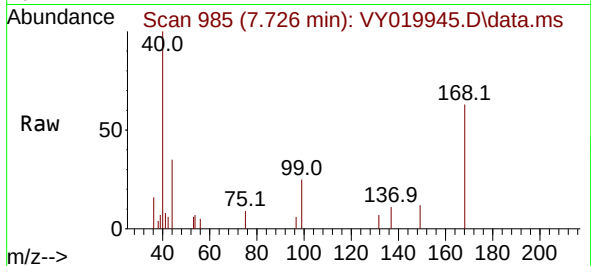




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

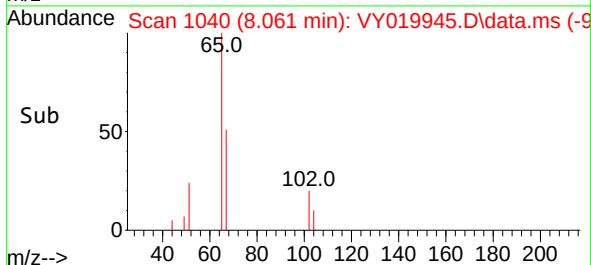
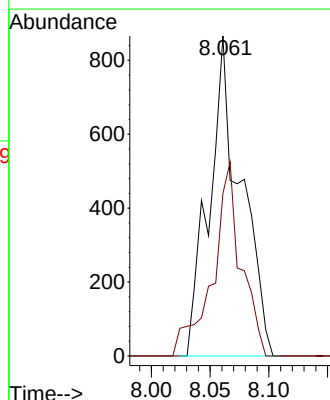
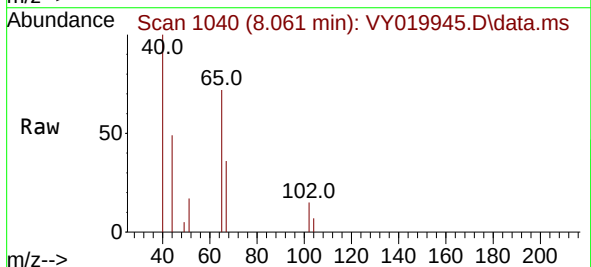
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-101624

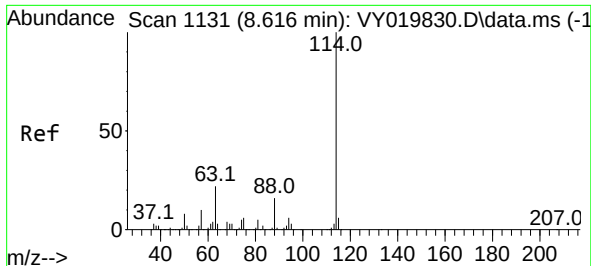
Tgt Ion:168 Resp: 1725
Ion Ratio Lower Upper
168 100
99 40.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 76.790 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 65 Resp: 1631
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

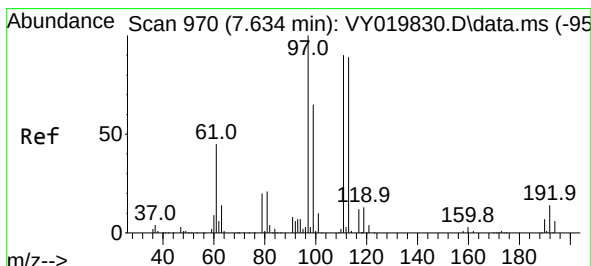
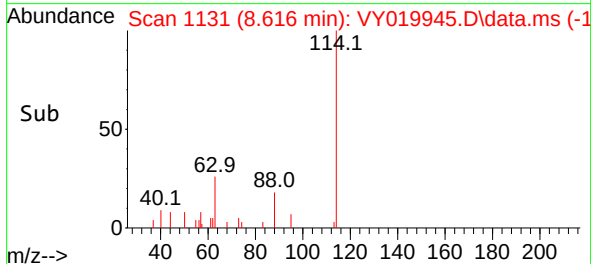
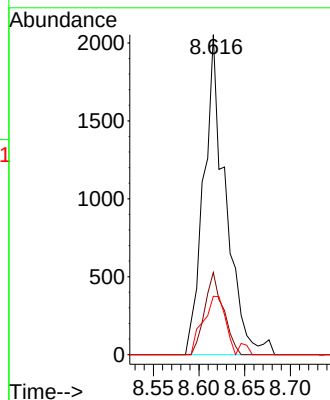
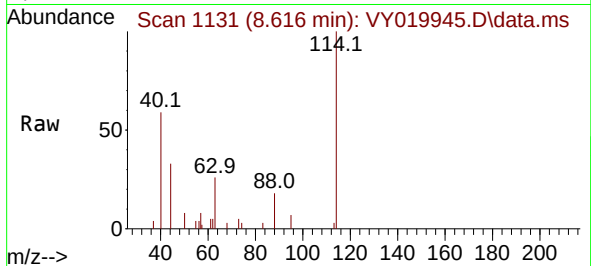




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

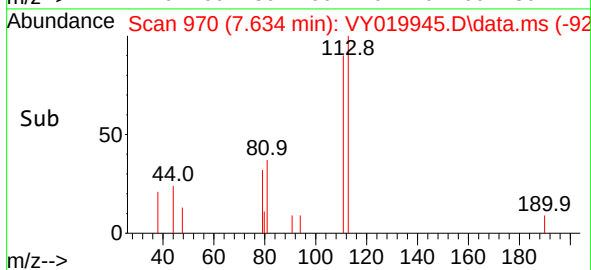
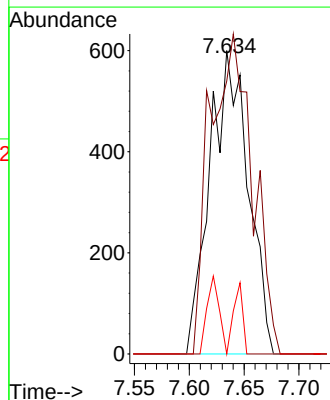
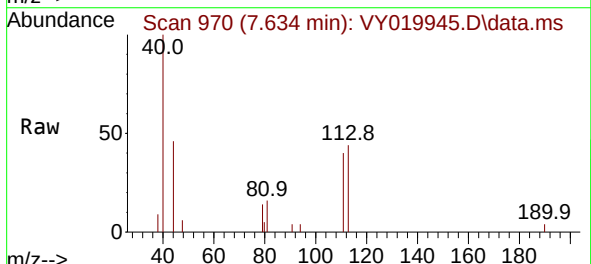
Instrument :
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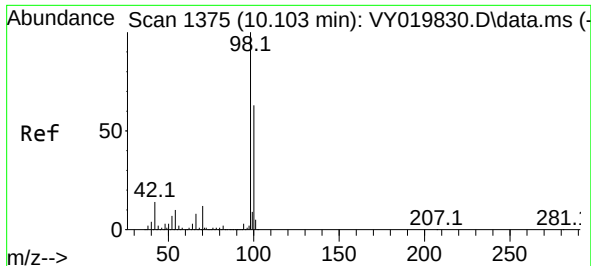
Tgt Ion:	114	Resp:	3409
Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	35.0
88	18.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 64.901 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion:	113	Resp:	1460
Ion	Ratio	Lower	Upper
113	100		
111	116.8	82.2	123.4
192	5.7	15.9	23.9

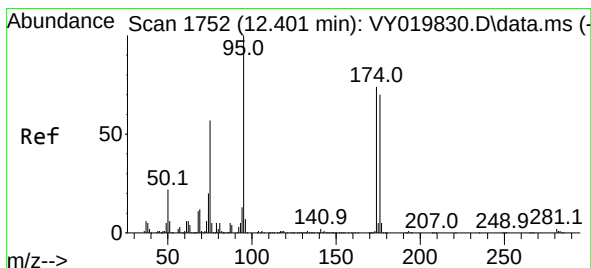
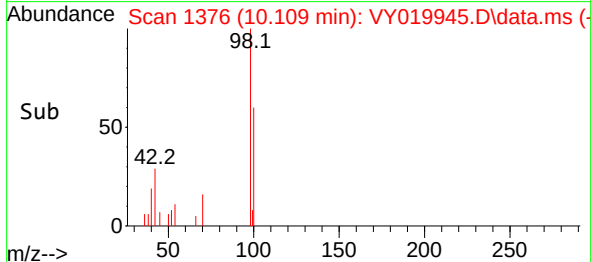
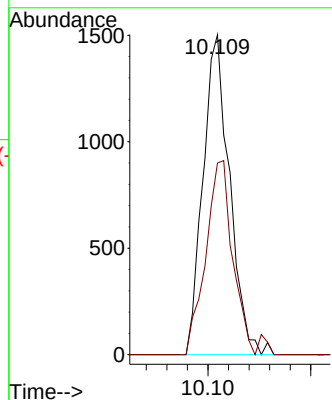
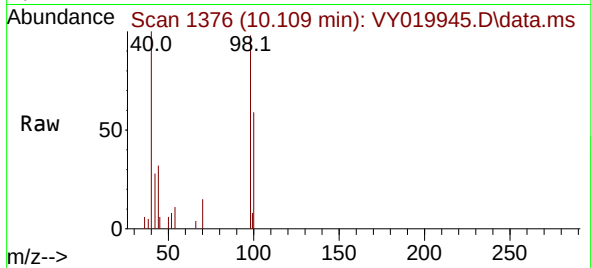




#50
Toluene-d8
Concen: 32.453 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

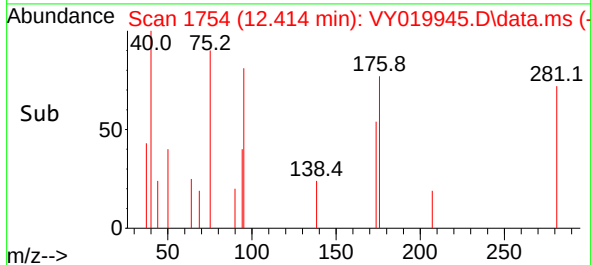
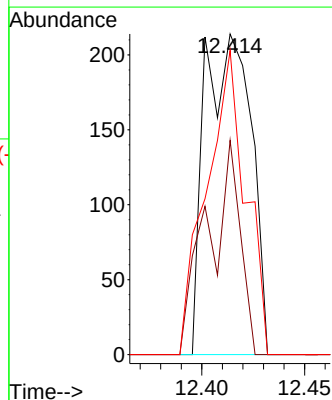
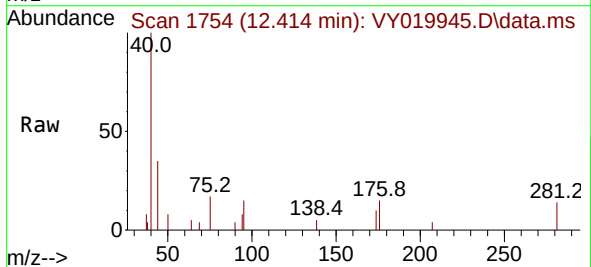
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-101624

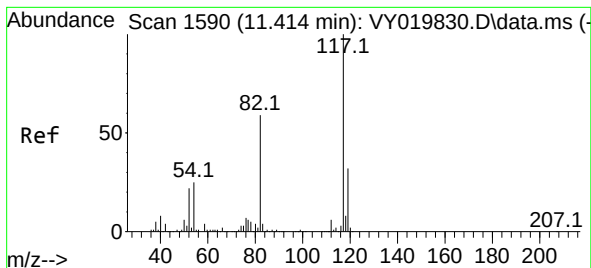
Tgt Ion: 98 Resp: 2696
Ion Ratio Lower Upper
98 100
100 61.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 11.160 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 95 Resp: 335
Ion Ratio Lower Upper
95 100
174 46.9 0.0 175.6
176 80.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY019945.D

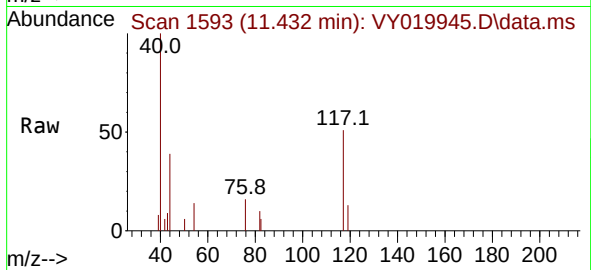
Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

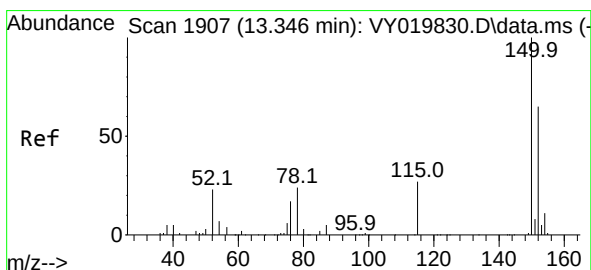
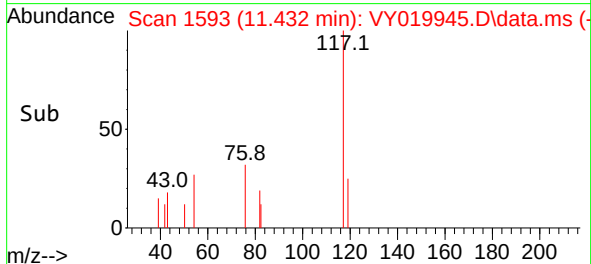
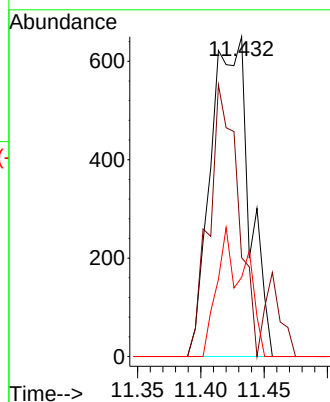
ClientSampleId :

EO-02-101624



Tgt Ion:117 Resp: 1372

Ion	Ratio	Lower	Upper
117	100		
82	30.9	42.4	63.6#
119	24.8	25.9	38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.013 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Tgt Ion:152 Resp: 360

Ion	Ratio	Lower	Upper
152	100		
115	31.9	28.2	84.7
150	182.2	0.0	345.6

