

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019946.D
 Acq On : 18 Oct 2024 12:27
 Operator : SY/MD
 Sample : P4431-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11934

Quant Time: Oct 18 13:45:33 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	30695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	53881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	41269	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18352	48.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.640	113	18399	51.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.109	98	61132	46.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.402	95	14423	30.401	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.800%

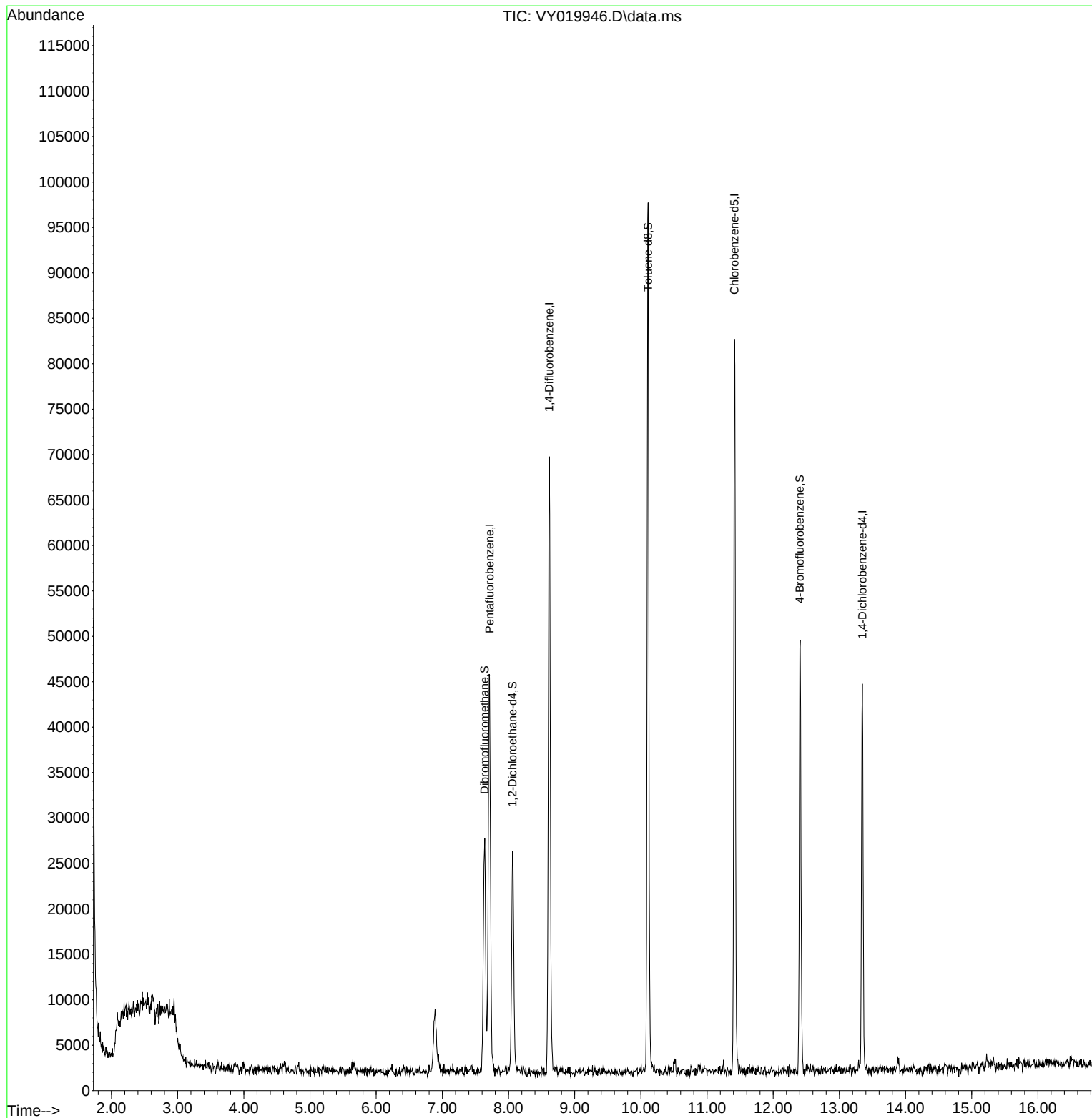
Target Compounds	Qvalue

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

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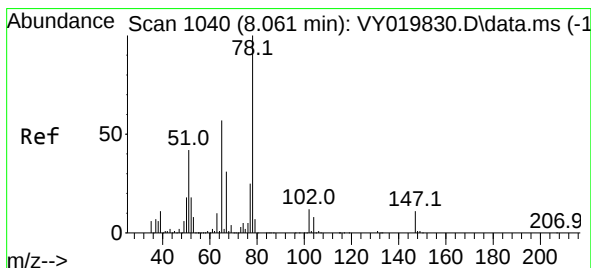
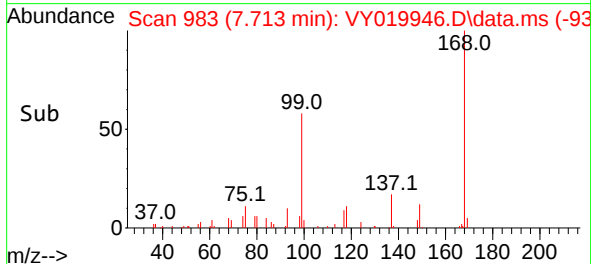
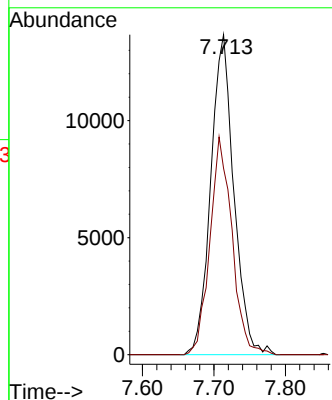
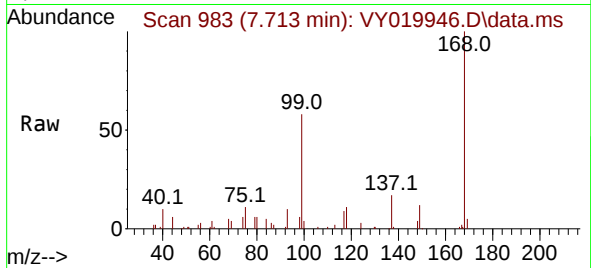




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

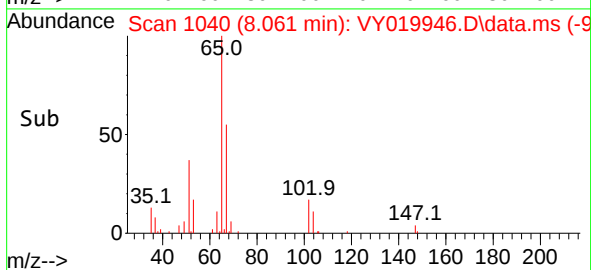
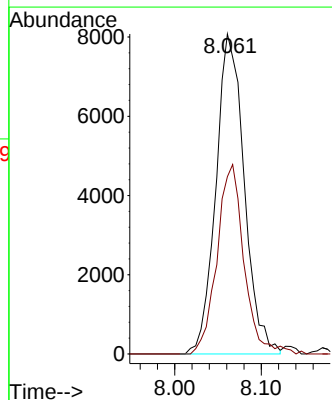
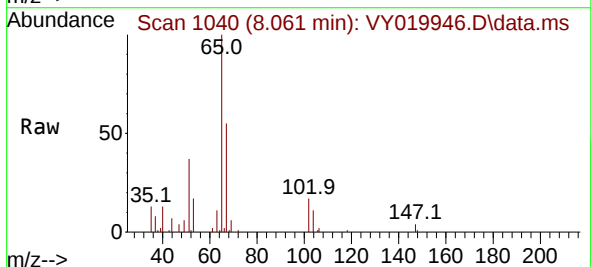
Instrument :
MSVOA_Y
ClientSampleId :
72-11934

Tgt Ion:168 Resp: 30695
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.557 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

Tgt Ion: 65 Resp: 18352
Ion Ratio Lower Upper
65 100
67 56.5 0.0 109.6

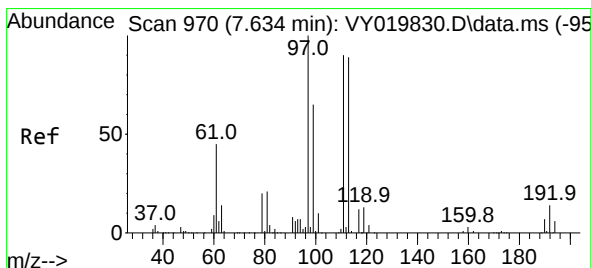
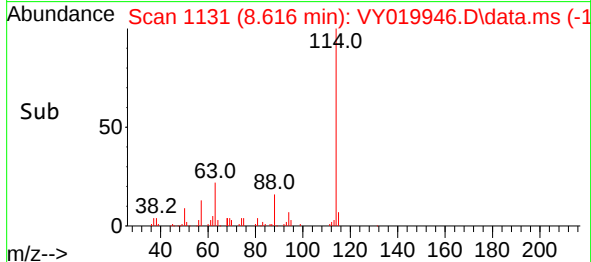
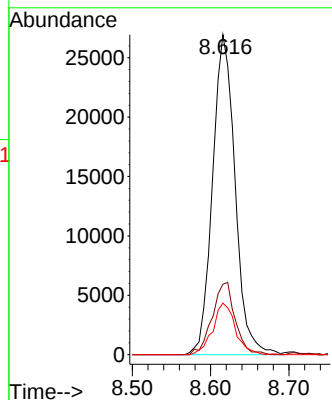
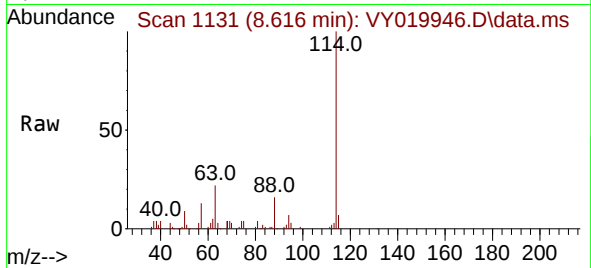




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

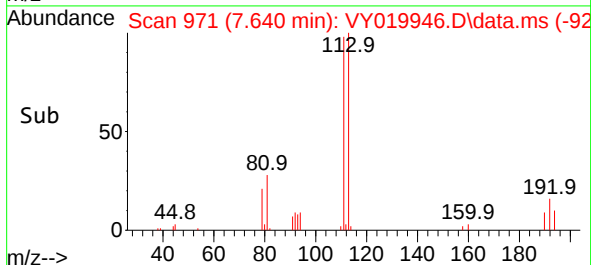
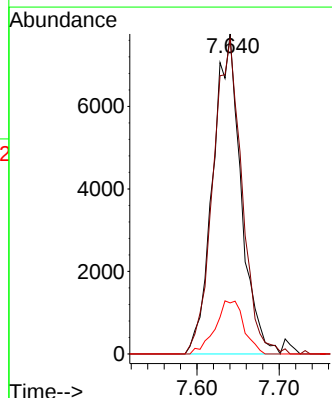
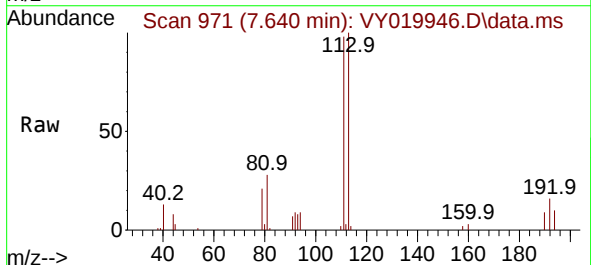
Instrument :
MSVOA_Y
ClientSampleId :
72-11934

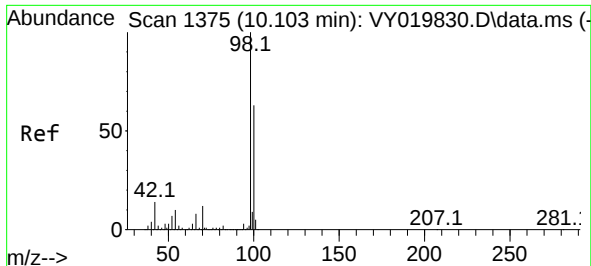
Tgt Ion:114 Resp: 53881
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.747 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

Tgt Ion:113 Resp: 18399
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 17.0 15.9 23.9

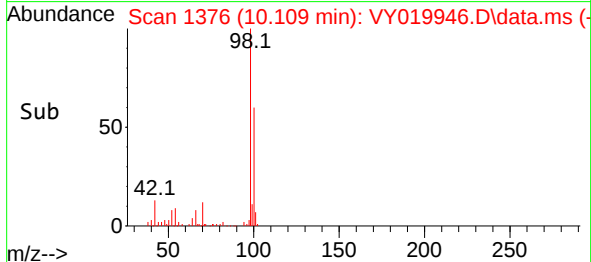
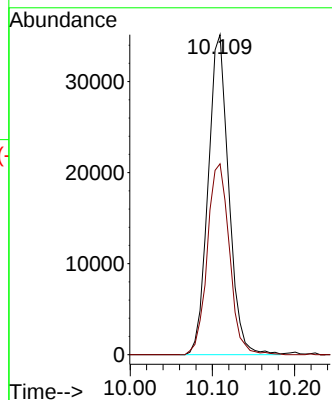
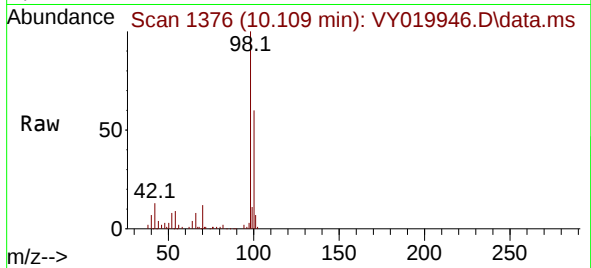




#50
Toluene-d8
Concen: 46.558 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

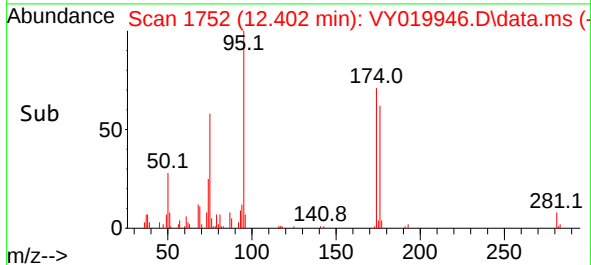
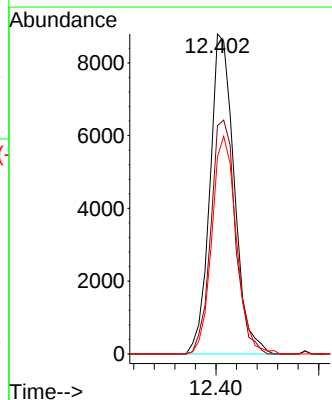
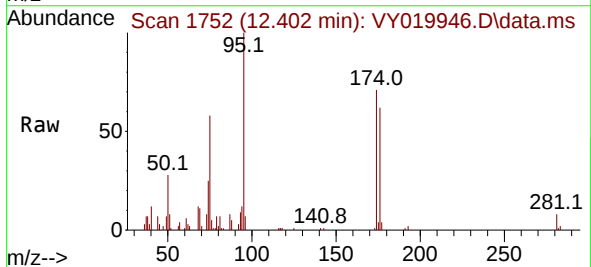
Instrument :
MSVOA_Y
ClientSampleId :
72-11934

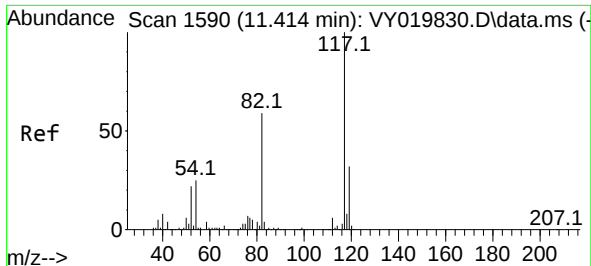
Tgt Ion: 98 Resp: 61132
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.401 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

Tgt Ion: 95 Resp: 14423
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 68.5 0.0 171.4

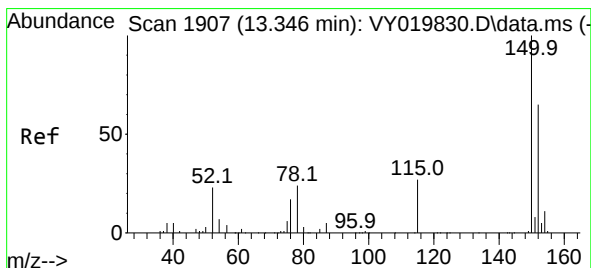
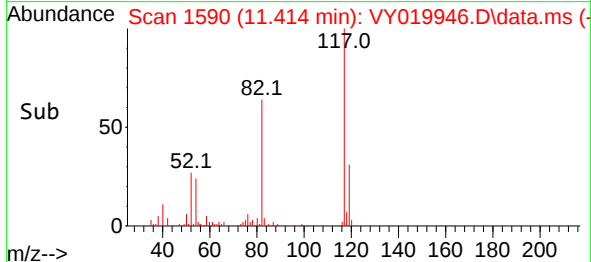
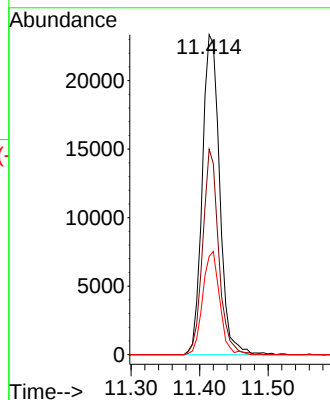
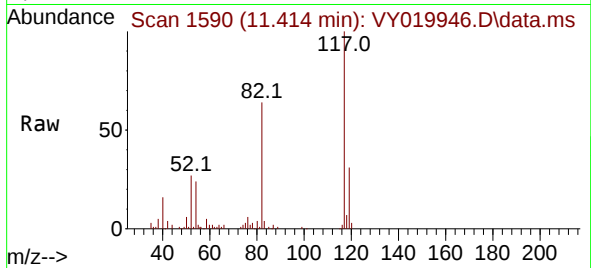




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019946.D
Acq: 18 Oct 2024 12:27

Instrument :
MSVOA_Y
ClientSampleId :
72-11934

Tgt Ion:117 Resp: 41269
Ion Ratio Lower Upper
117 100
82 64.2 42.4 63.6#
119 30.7 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: VY019946.D
Acq: 18 Oct 2024 12:27

Tgt Ion:152 Resp: 10307
Ion Ratio Lower Upper
152 100
115 63.4 28.2 84.7
150 157.3 0.0 345.6

