

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009405.D
 Acq On : 30 Jun 2022 19:53
 Operator : KP/MD
 Sample : N3549-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-2

Quant Time: Jul 01 03:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	10052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	14940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4287	53.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.500%
35) Dibromofluoromethane	7.716	113	2705	32.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.800%
50) Toluene-d8	10.173	98	12814	50.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.477	95	3116	26.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.120%

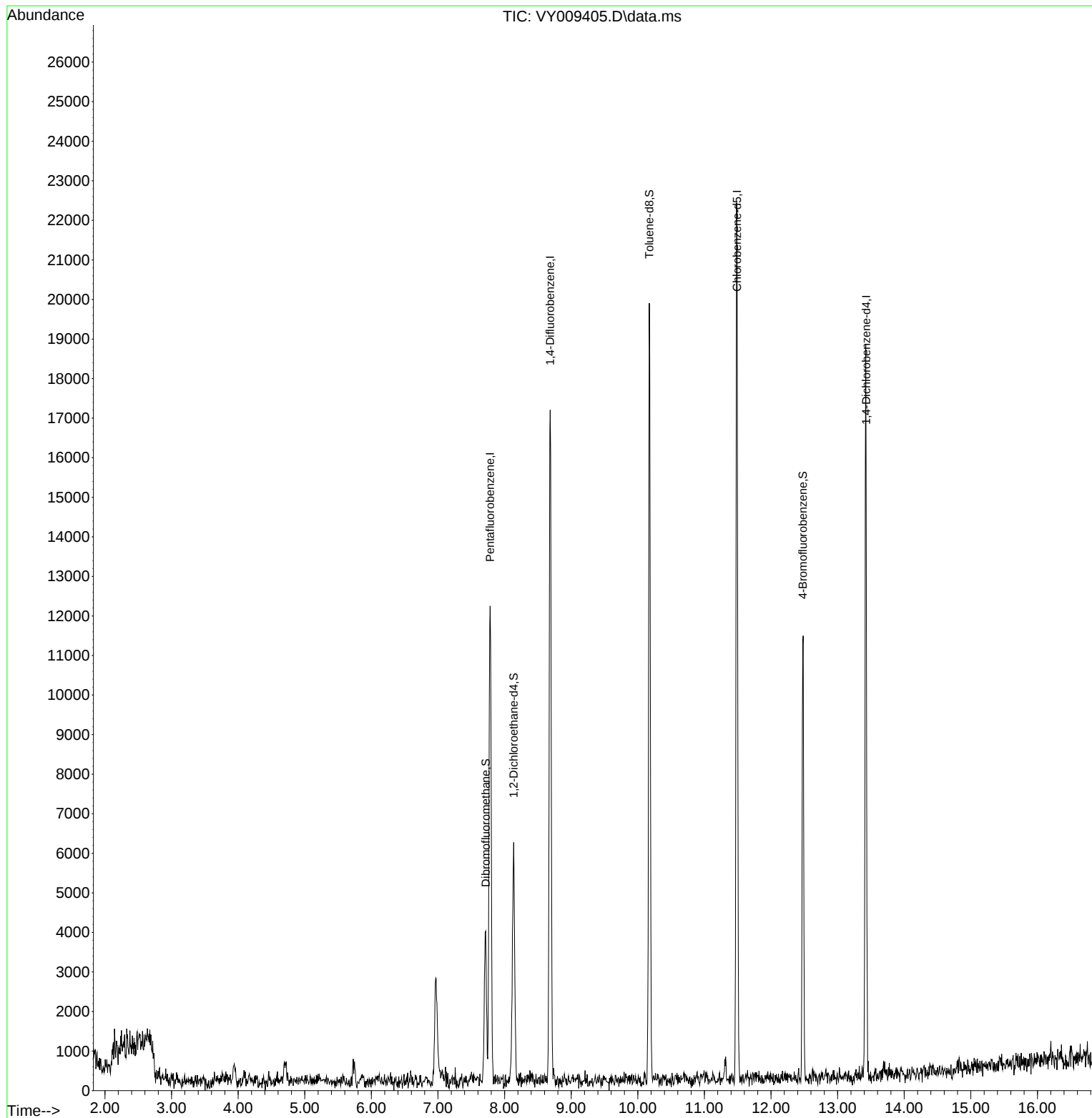
Target Compounds	Qvalue

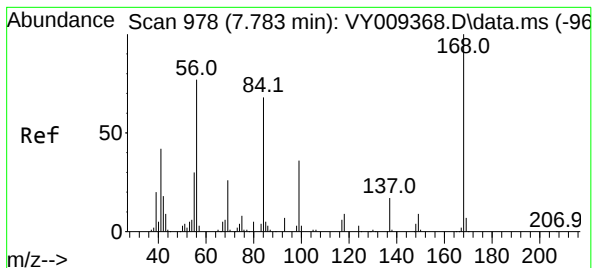
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009405.D

Acq: 30 Jun 2022 19:53

Instrument :

MSVOA_Y

ClientSampleId :

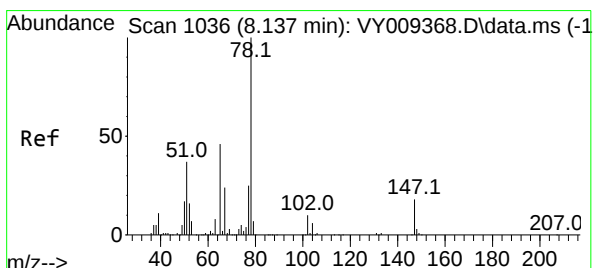
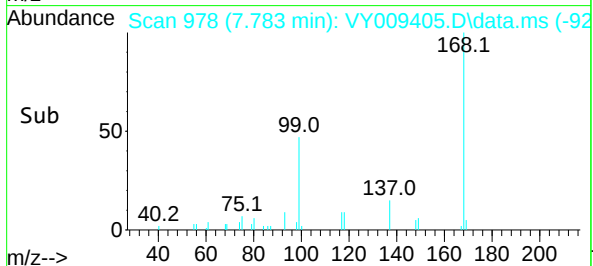
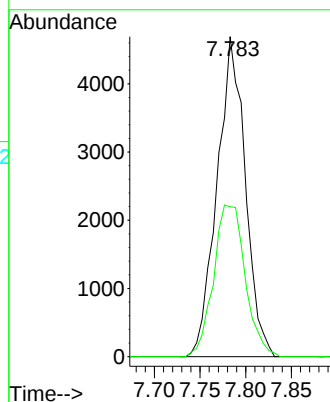
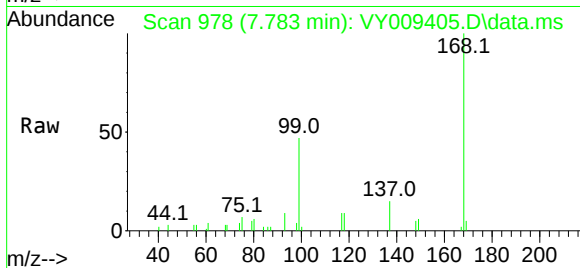
ML-2

Tgt Ion:168 Resp: 10052

Ion Ratio Lower Upper

168 100

99 46.8 46.9 70.3#



#33

1,2-Dichloroethane-d4

Concen: 53.246 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009405.D

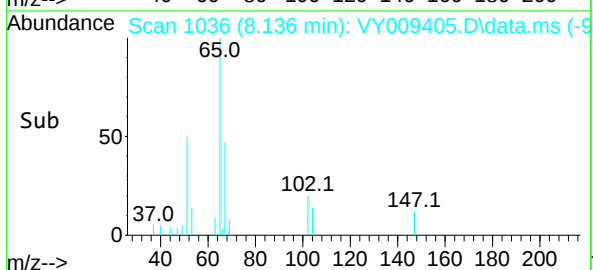
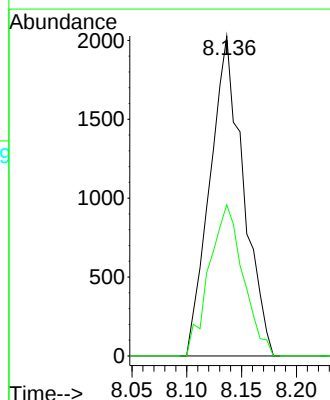
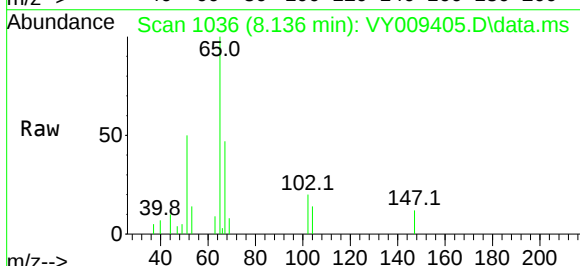
Acq: 30 Jun 2022 19:53

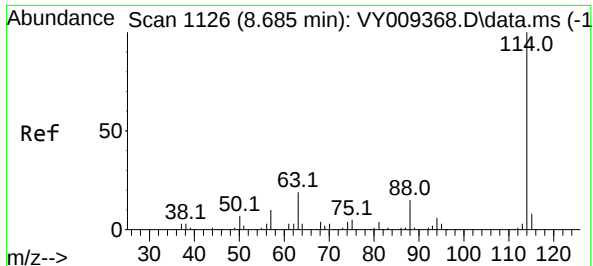
Tgt Ion: 65 Resp: 4287

Ion Ratio Lower Upper

65 100

67 48.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009405.D

Acq: 30 Jun 2022 19:53

Instrument :

MSVOA_Y

ClientSampleId :

ML-2

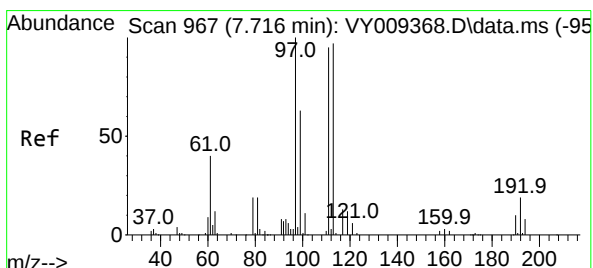
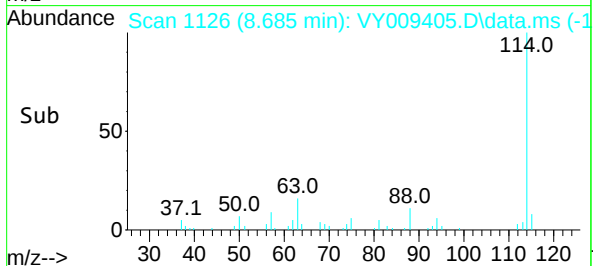
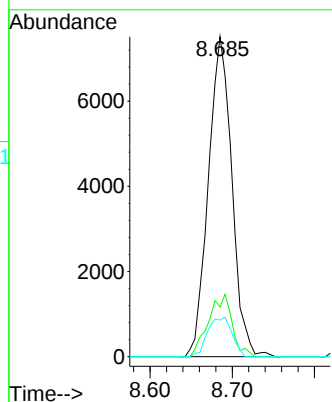
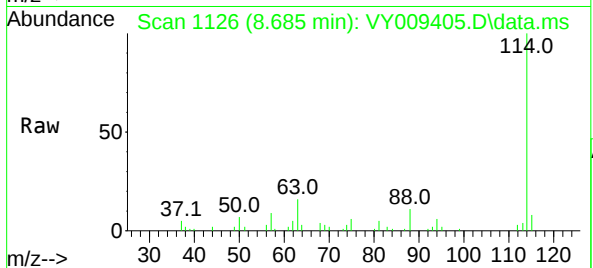
Tgt Ion:114 Resp: 14940

Ion Ratio Lower Upper

114 100

63 15.5 0.0 43.2

88 11.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 32.897 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009405.D

Acq: 30 Jun 2022 19:53

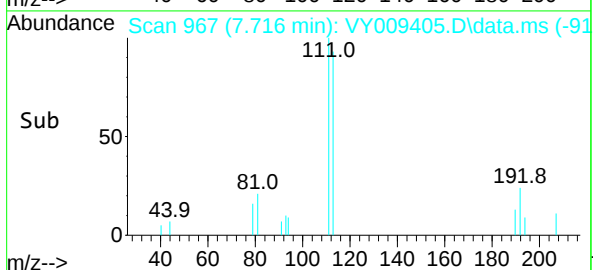
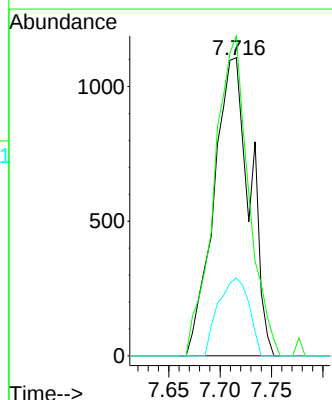
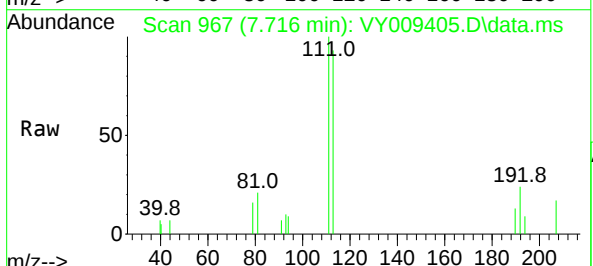
Tgt Ion:113 Resp: 2705

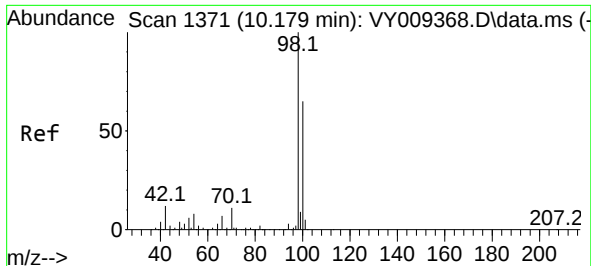
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 22.2 17.6 26.4

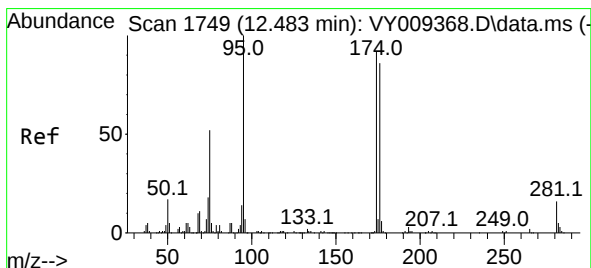
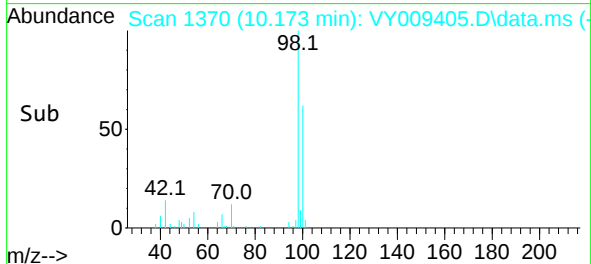
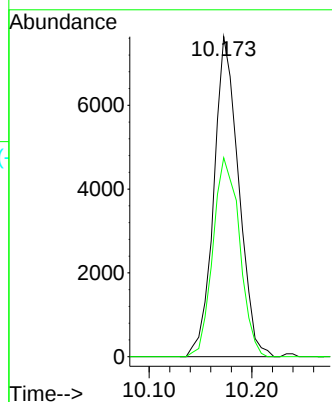
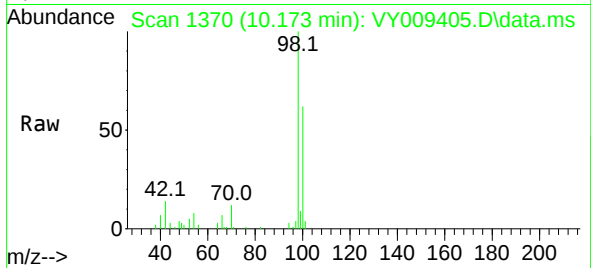




#50
Toluene-d8
Concen: 50.828 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

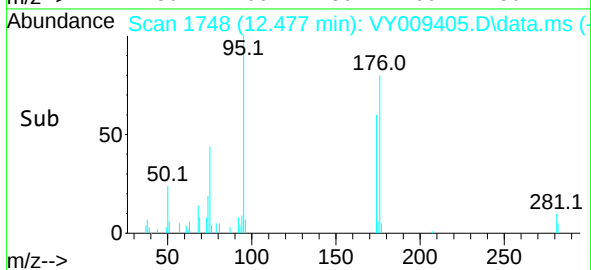
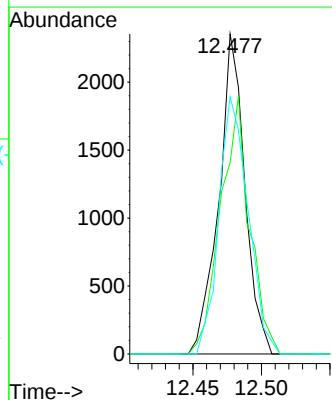
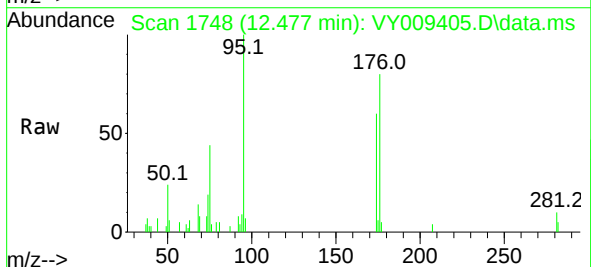
Instrument :
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ClientSampleId :
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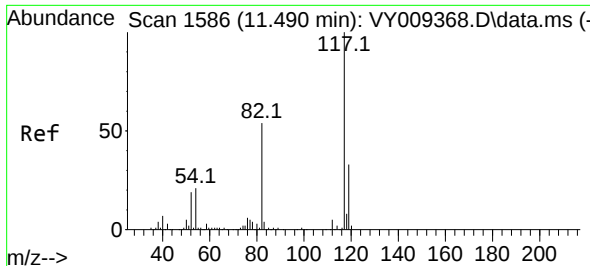
Tgt Ion: 98 Resp: 12814
Ion Ratio Lower Upper
98 100
100 66.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Tgt Ion: 95 Resp: 3116
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 90.3 0.0 175.8

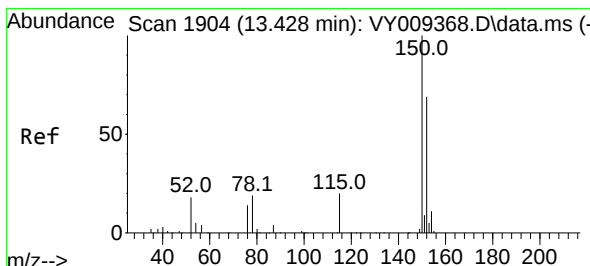
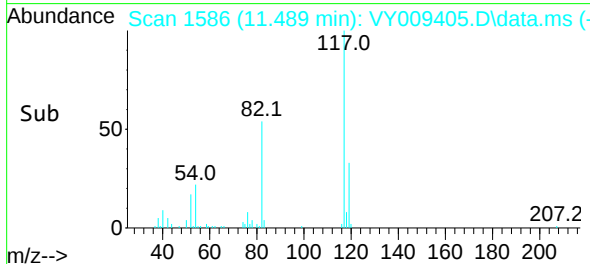
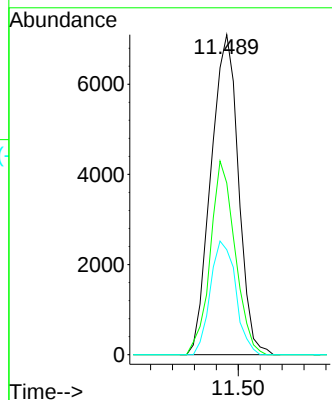
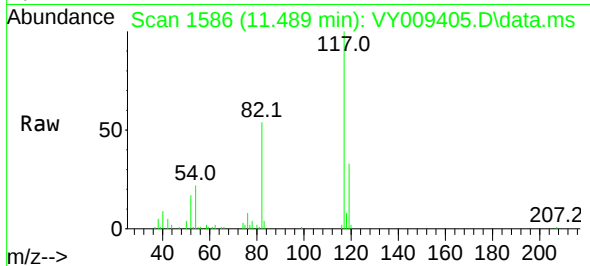




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Instrument :
MSVOA_Y
ClientSampleId :
ML-2

Tgt Ion:	117	Resp:	12368
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	32.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Tgt Ion:	152	Resp:	4730
Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.2	84.7
150	160.8	0.0	347.6

