

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020446.D
 Acq On : 26 Nov 2024 13:11
 Operator : SY/MD
 Sample : P4971-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-112224

Quant Time: Nov 27 01:39:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	512	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	1199	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.414	117	519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	45	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	581	98.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	197.540%#
35) Dibromofluoromethane	7.640	113	405	52.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.360%
50) Toluene-d8	10.109	98	944	31.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	62.340%
62) 4-Bromofluorobenzene	12.408	95	180	18.488	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	36.980%

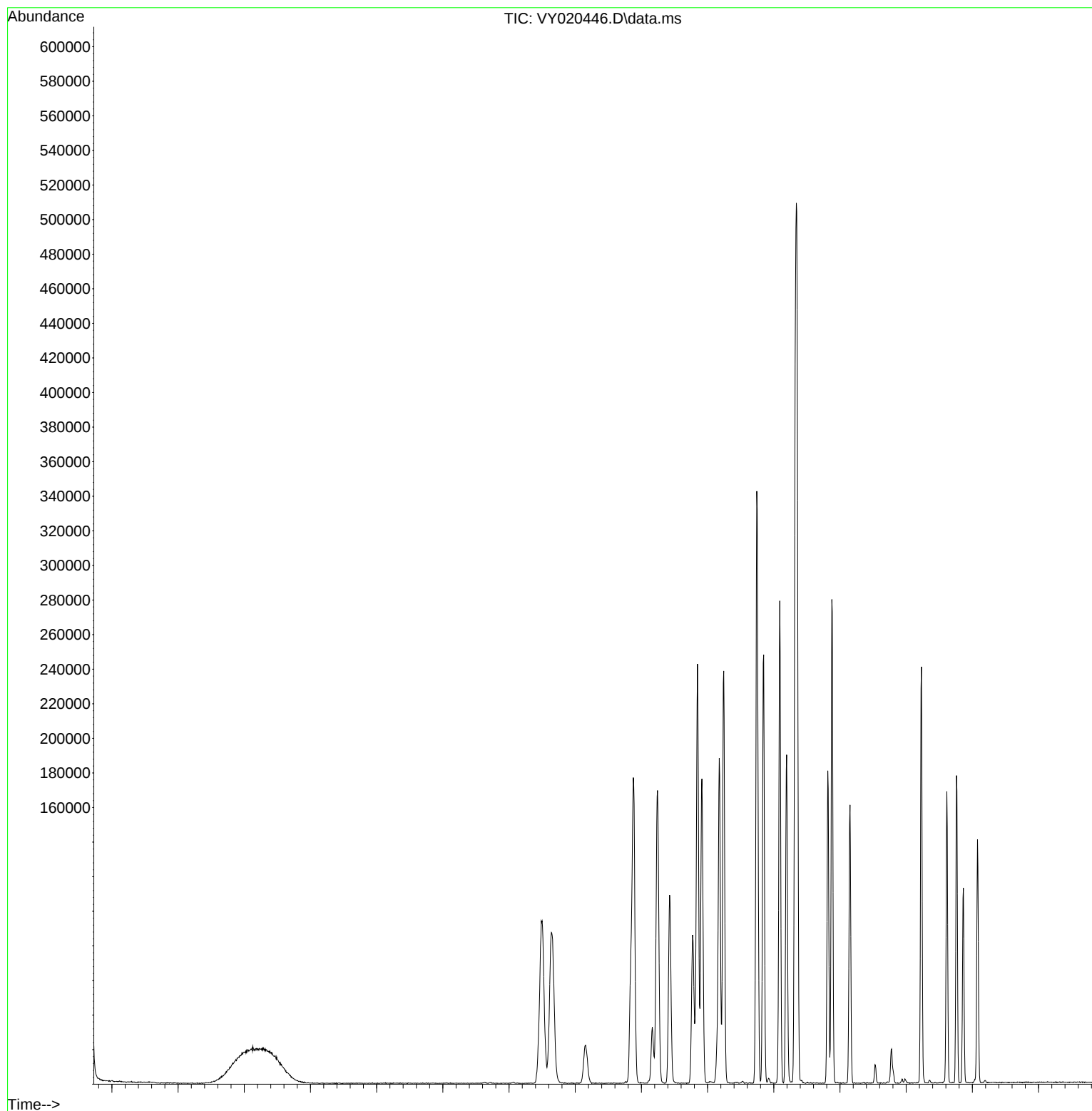
Target Compounds Qvalue

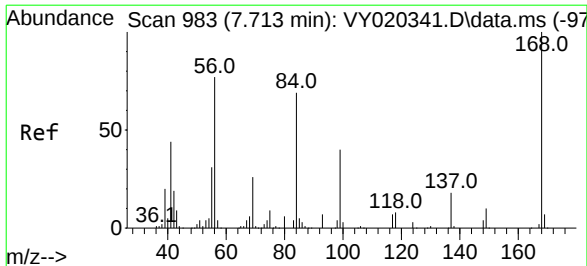
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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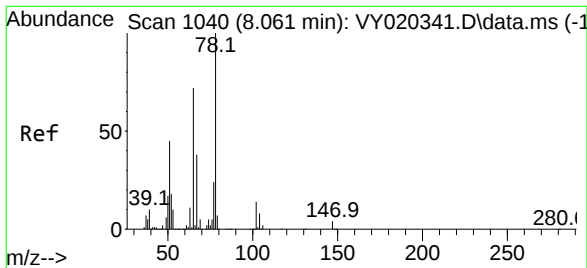
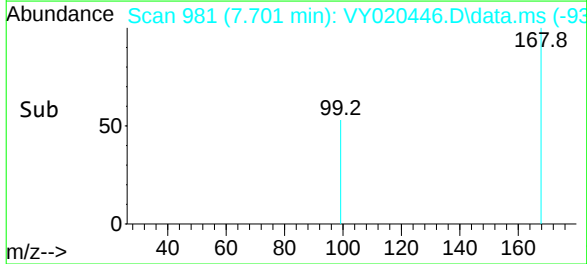
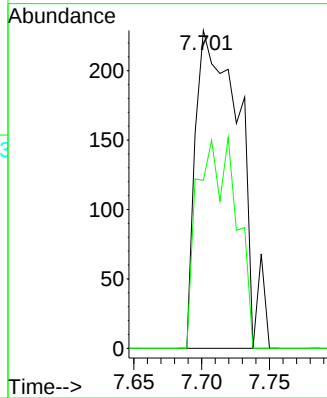
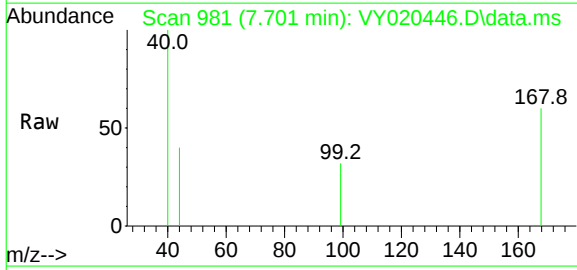




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.701 min Scan# 98
 Delta R.T. -0.012 min
 Lab File: VY020446.D
 Acq: 26 Nov 2024 13:11

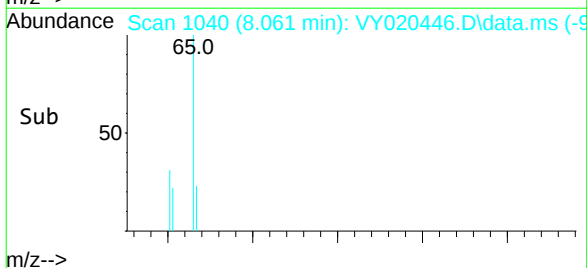
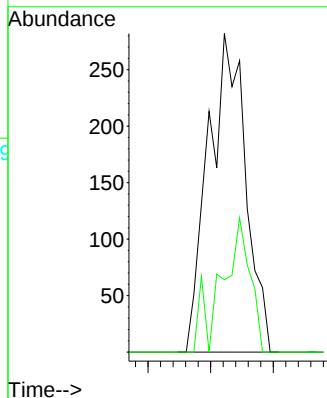
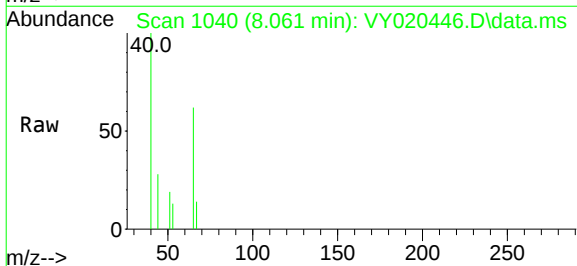
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-112224

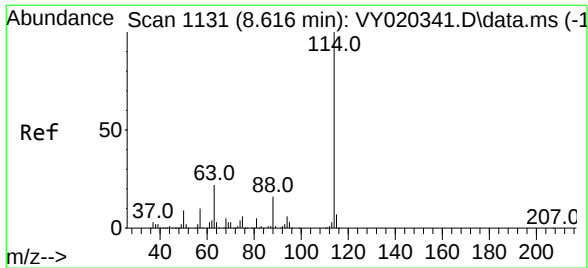
Tgt Ion: 168 Resp: 512
 Ion Ratio Lower Upper
 168 100
 99 52.8 46.6 69.8



1,2-Dichloroethane-d4
 Concen: 98.771 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020446.D
 Acq: 26 Nov 2024 13:11

Tgt Ion: 65 Resp: 581
 Ion Ratio Lower Upper
 65 100
 67 32.7 0.0 105.8

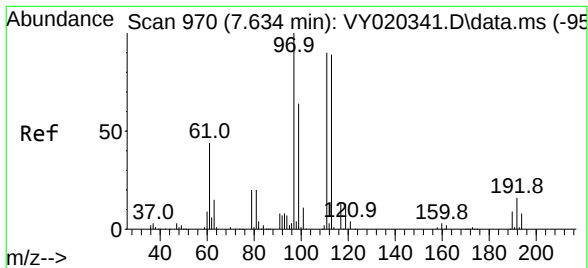
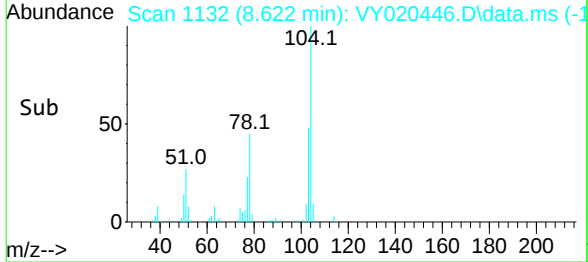
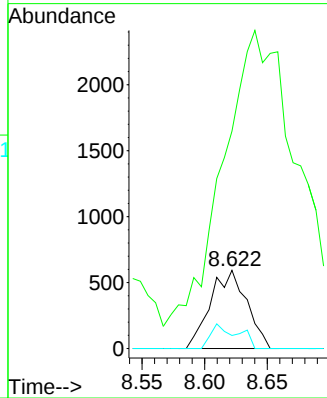
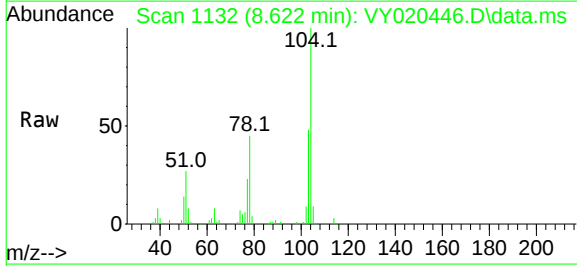




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020446.D
Acq: 26 Nov 2024 13:11

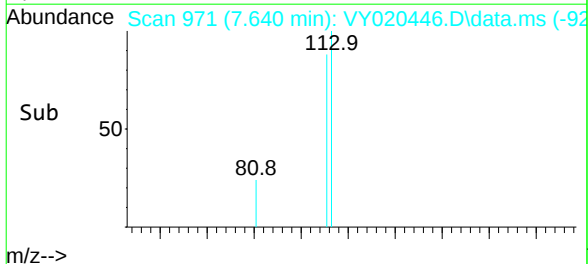
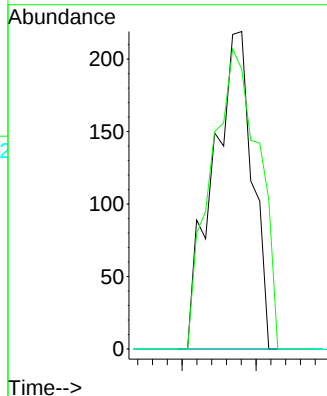
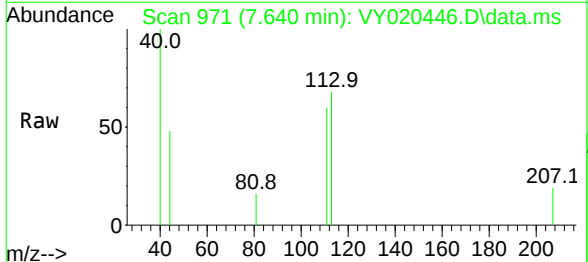
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-112224

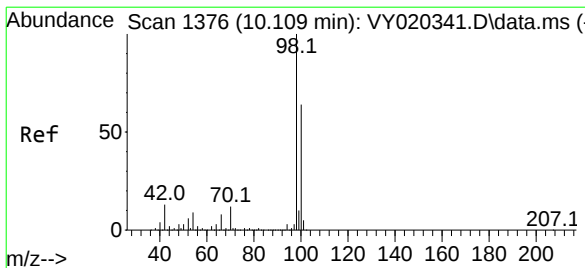
Tgt Ion:	114	Resp:	1199
Ion	Ratio	Lower	Upper
114	100		
63	222.1	0.0	44.8#
88	16.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 52.677 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020446.D
Acq: 26 Nov 2024 13:11

Tgt Ion:	113	Resp:	405
Ion	Ratio	Lower	Upper
113	100		
111	114.8	81.4	122.0
192	0.0	15.1	22.7#





#50

Toluene-d8

Concen: 31.170 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020446.D

Acq: 26 Nov 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

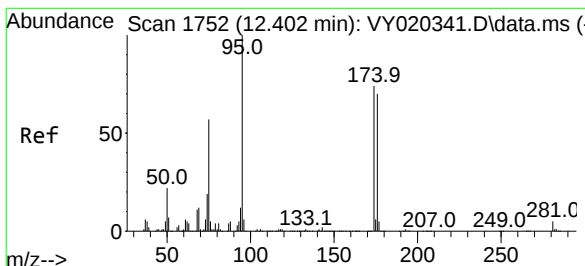
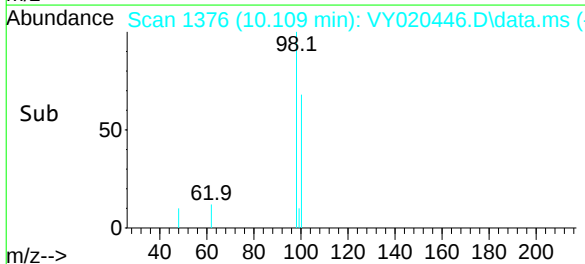
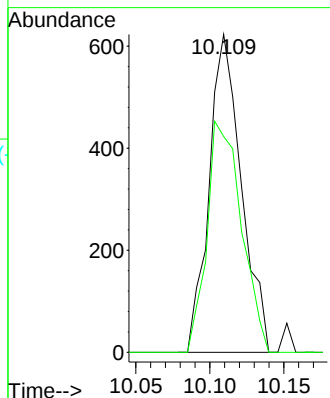
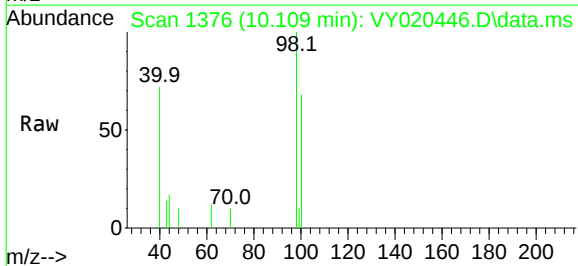
CL-02-112224

Tgt Ion: 98 Resp: 944

Ion Ratio Lower Upper

98 100

100 77.4 51.3 76.9#



#62

4-Bromofluorobenzene

Concen: 18.488 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020446.D

Acq: 26 Nov 2024 13:11

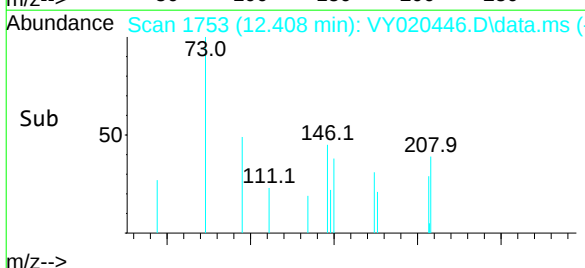
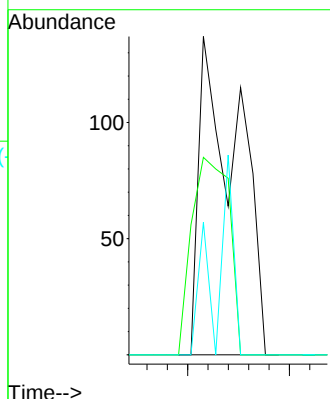
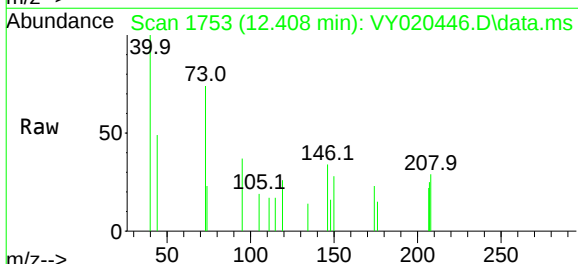
Tgt Ion: 95 Resp: 180

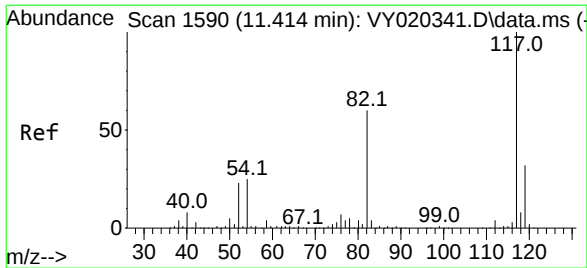
Ion Ratio Lower Upper

95 100

174 60.6 0.0 156.8

176 28.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020446.D

Acq: 26 Nov 2024 13:11

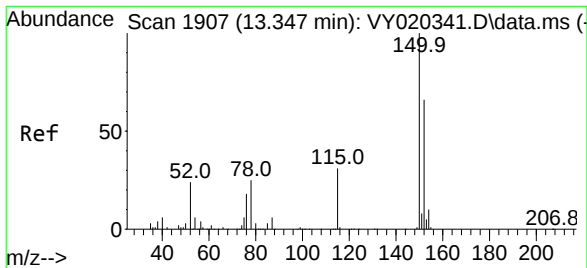
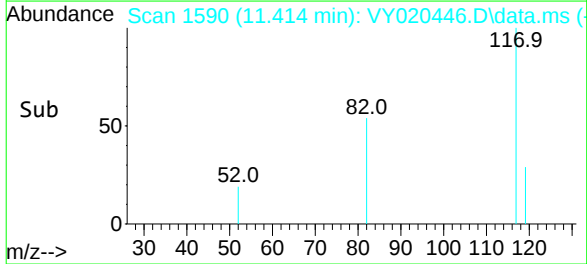
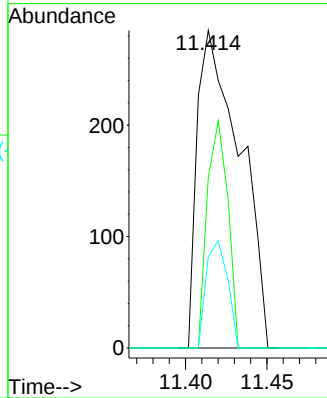
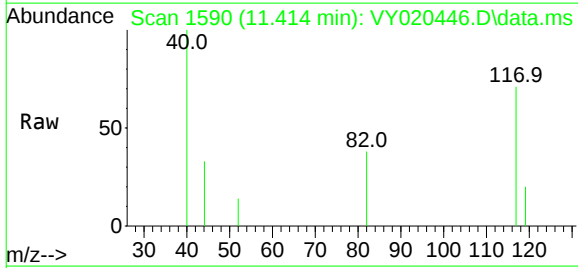
Instrument :

MSVOA_Y

ClientSampleId :

CL-02-112224

Tgt Ion:	117	Resp:	519
Ion	Ratio	Lower	Upper
117	100		
82	53.7	48.2	72.4
119	28.8	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020446.D

Acq: 26 Nov 2024 13:11

Tgt Ion:	152	Resp:	45
Ion	Ratio	Lower	Upper
152	100		
115	0.0	30.0	90.0#
150	564.4	0.0	348.2#

