

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020629.D
 Acq On : 18 Dec 2024 12:33
 Operator : SY/MD
 Sample : P5277-02
 Misc : 3.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2A

Quant Time: Dec 18 14:21:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

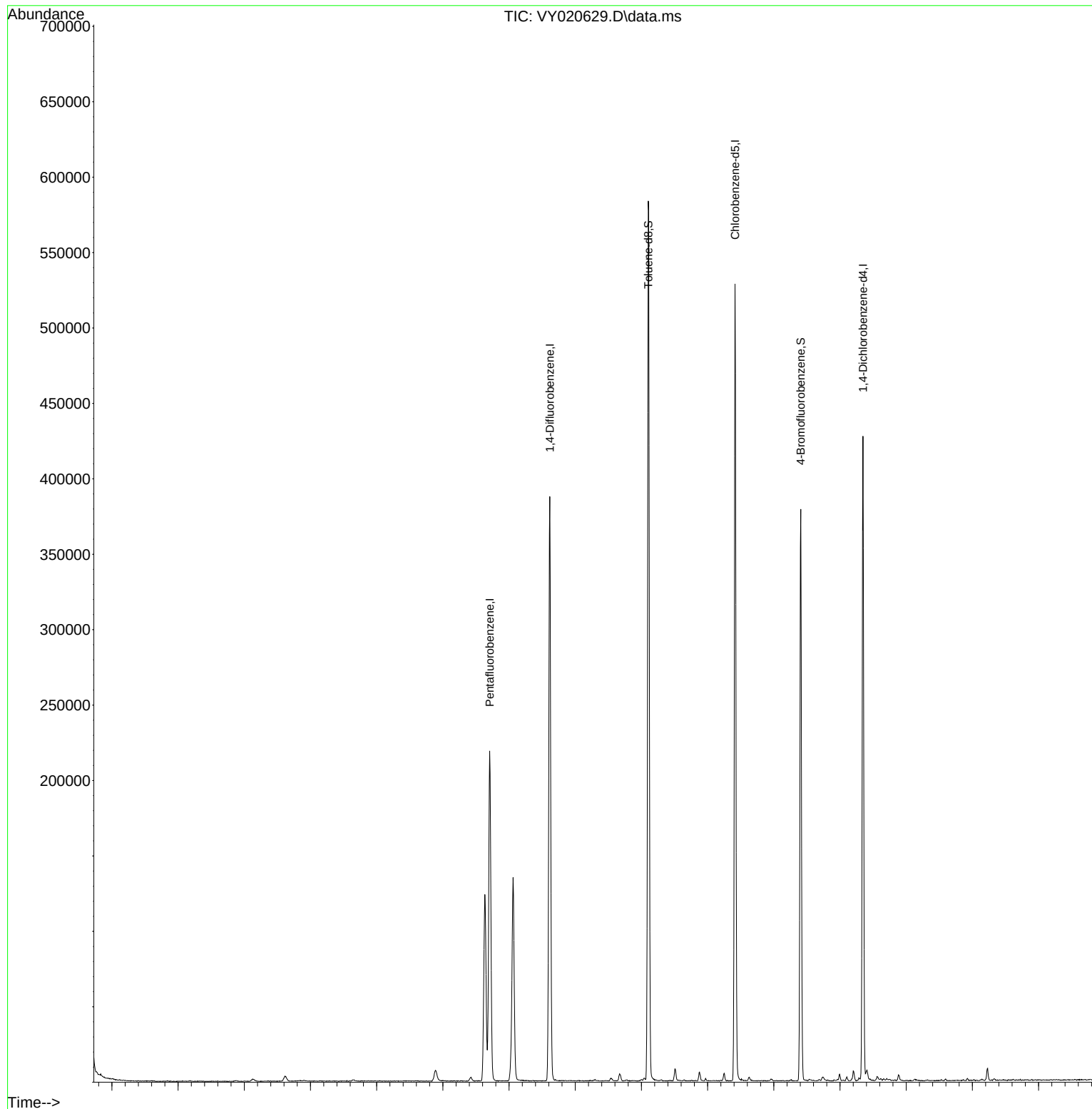
Internal Standards						
1) Pentafluorobenzene	7.707	168	167185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	323384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	105985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98540	53.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.640%
35) Dibromofluoromethane	7.634	113	90132	39.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.100%
50) Toluene-d8	10.103	98	386399	48.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.408	95	115220	36.924	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.840%
Target Compounds						
20) Methylene Chloride	4.629	84	2616	1.149	ug/l	Qvalue # 80

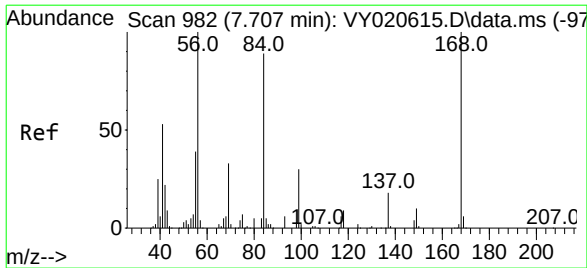
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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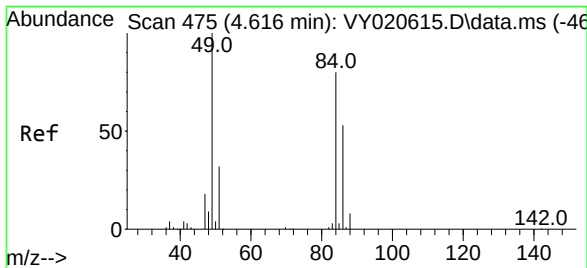
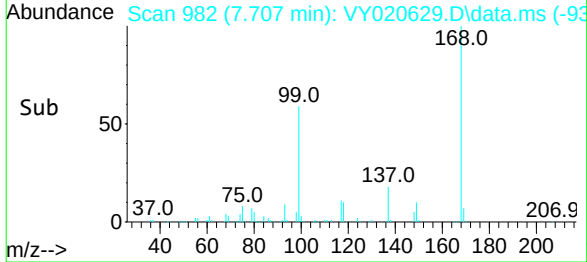
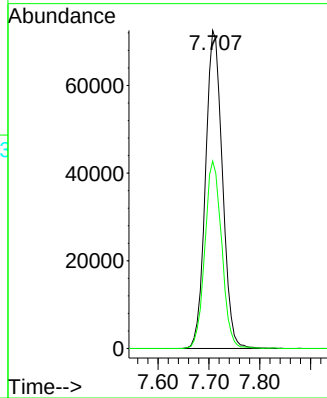
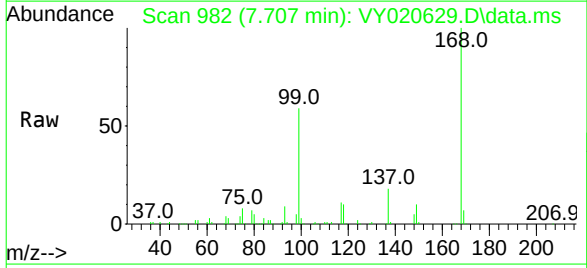




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

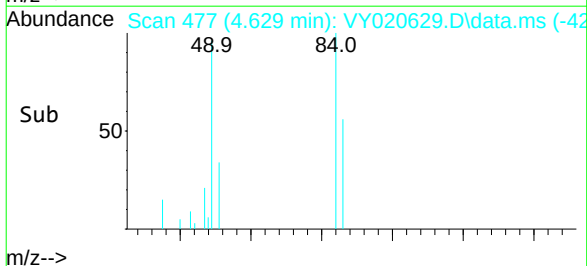
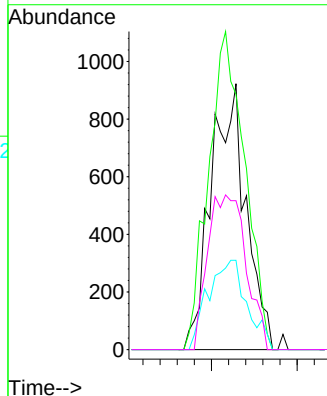
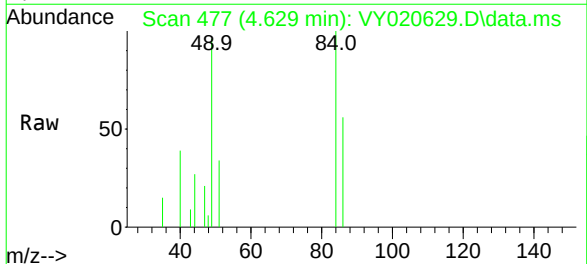
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

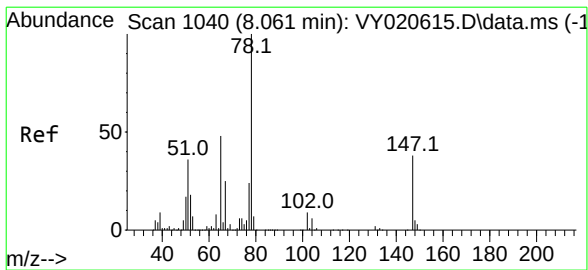
Tgt Ion:168 Resp: 167185
Ion Ratio Lower Upper
168 100
99 58.9 47.0 70.6



#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 84 Resp: 2616
Ion Ratio Lower Upper
84 100
49 96.0 100.7 151.1#
51 33.6 32.2 48.2
86 56.0 53.0 79.6

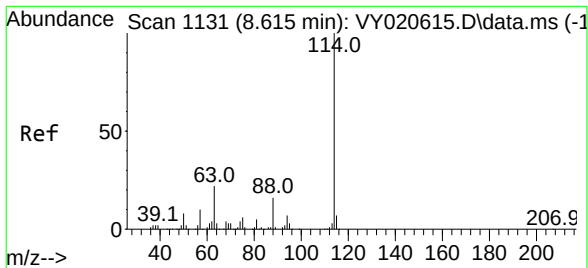
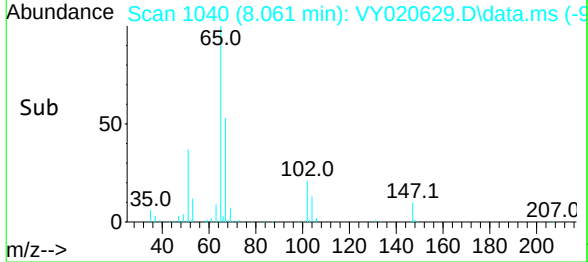
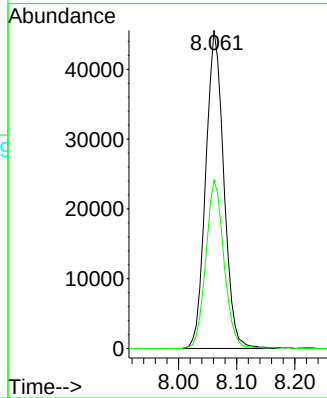
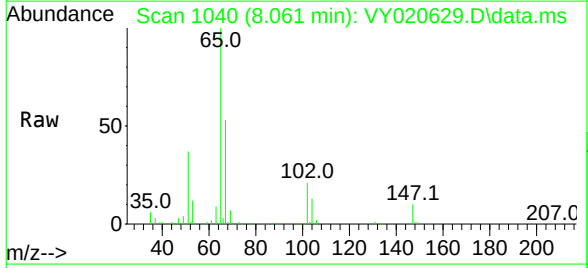




#33
1,2-Dichloroethane-d4
Concen: 53.817 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

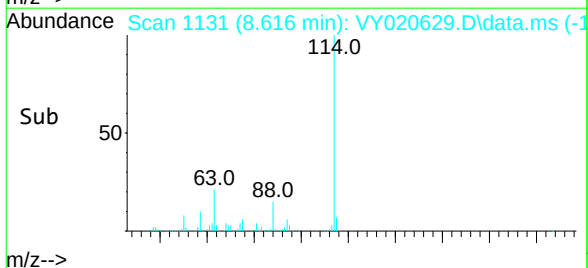
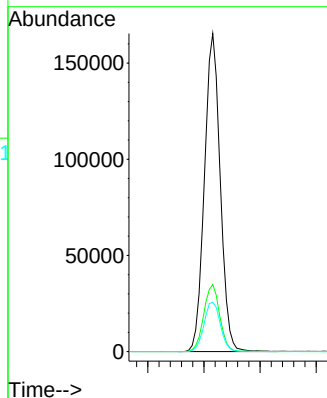
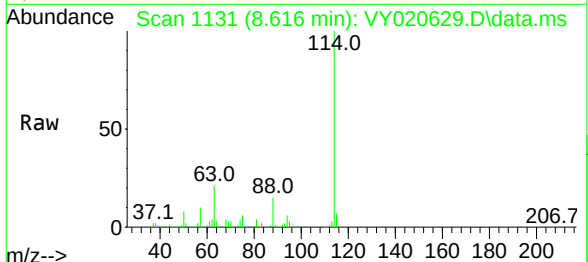
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

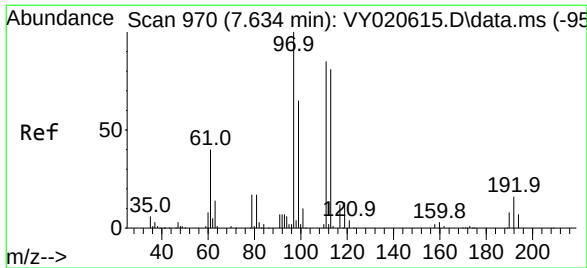
Tgt Ion: 65 Resp: 98540
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion: 114 Resp: 323384
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 15.5 0.0 32.8

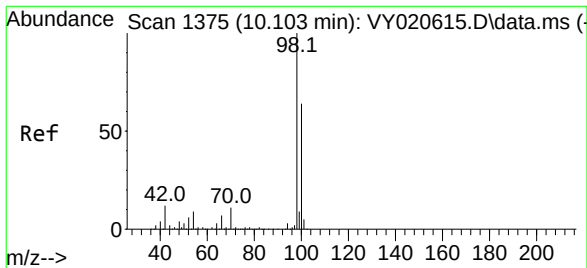
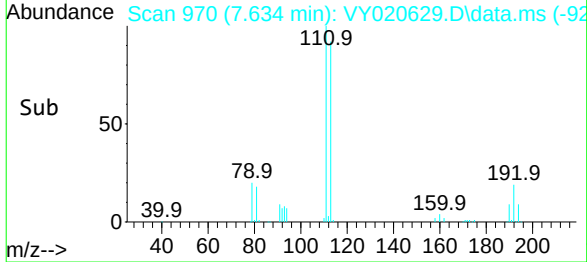
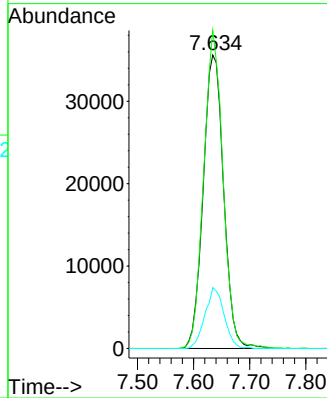
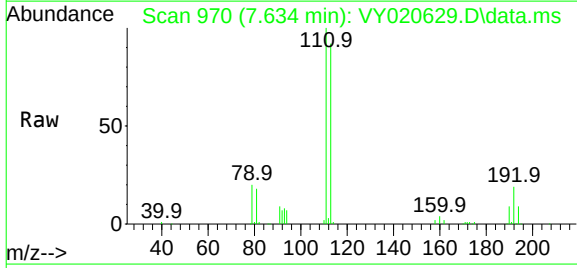




#35
Dibromofluoromethane
Concen: 39.547 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

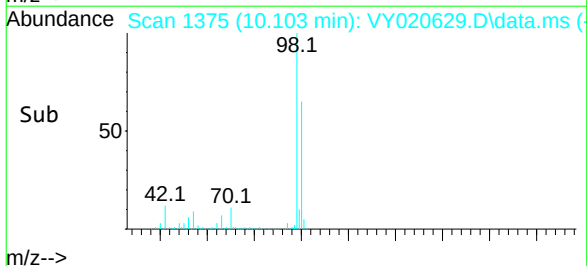
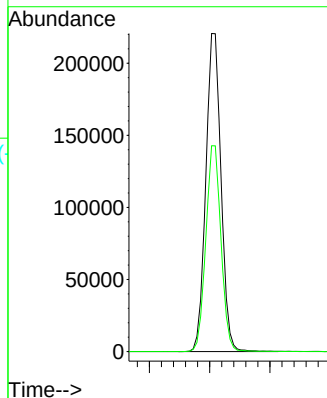
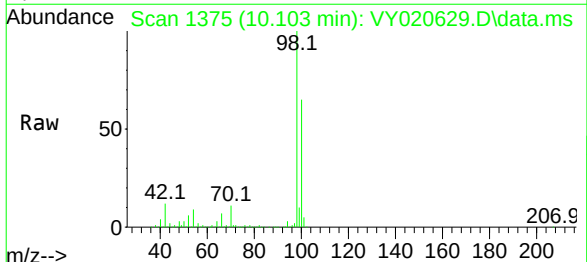
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

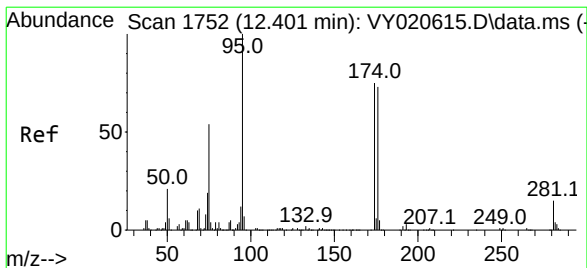
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.5	15.7	23.5



#50
Toluene-d8
Concen: 48.437 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 36.924 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VY020629.D

Acq: 18 Dec 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2A

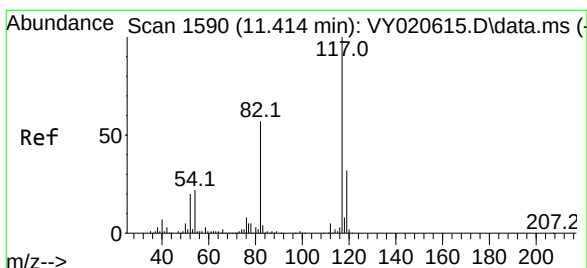
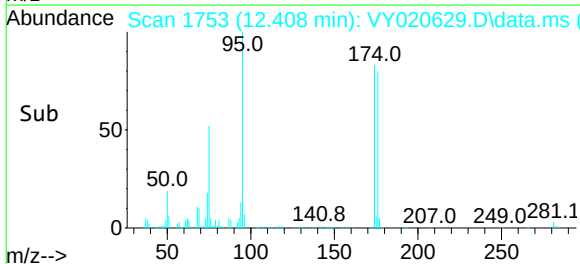
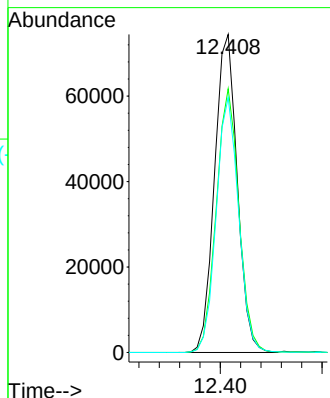
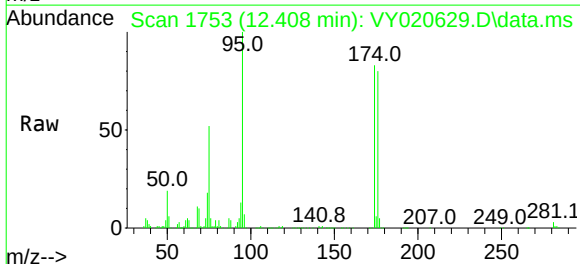
Tgt Ion: 95 Resp: 115220

Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.8

176 79.0 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020629.D

Acq: 18 Dec 2024 12:33

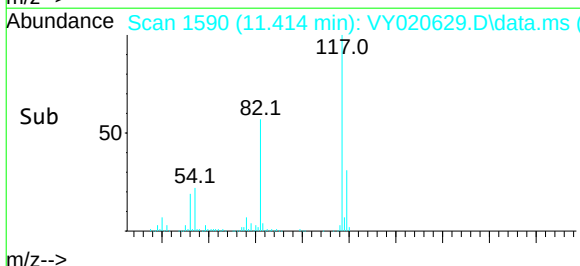
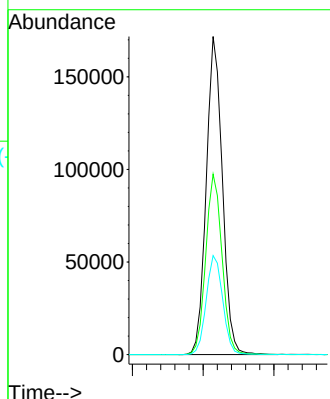
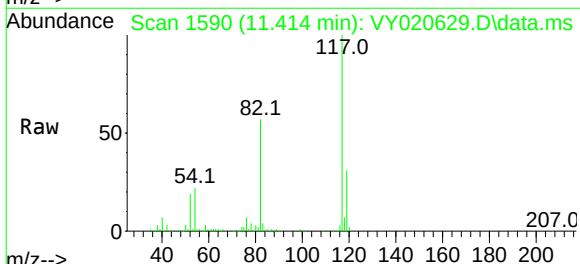
Tgt Ion: 117 Resp: 272093

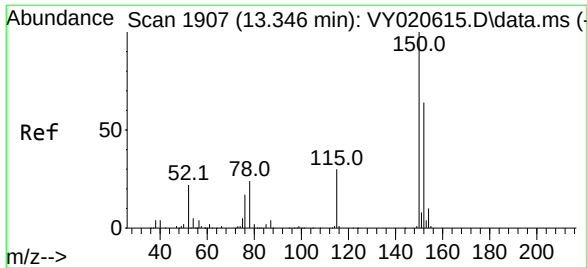
Ion Ratio Lower Upper

117 100

82 56.7 45.8 68.6

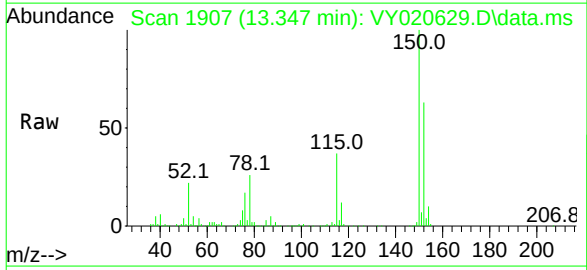
119 31.1 25.3 37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020629.D
Acq: 18 Dec 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A



Tgt Ion:	152	Resp:	105985
Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.2	90.6
150	157.9	0.0	355.4

