

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020630.D
 Acq On : 18 Dec 2024 12:57
 Operator : SY/MD
 Sample : P5277-03
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3A

Quant Time: Dec 18 14:22:00 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)

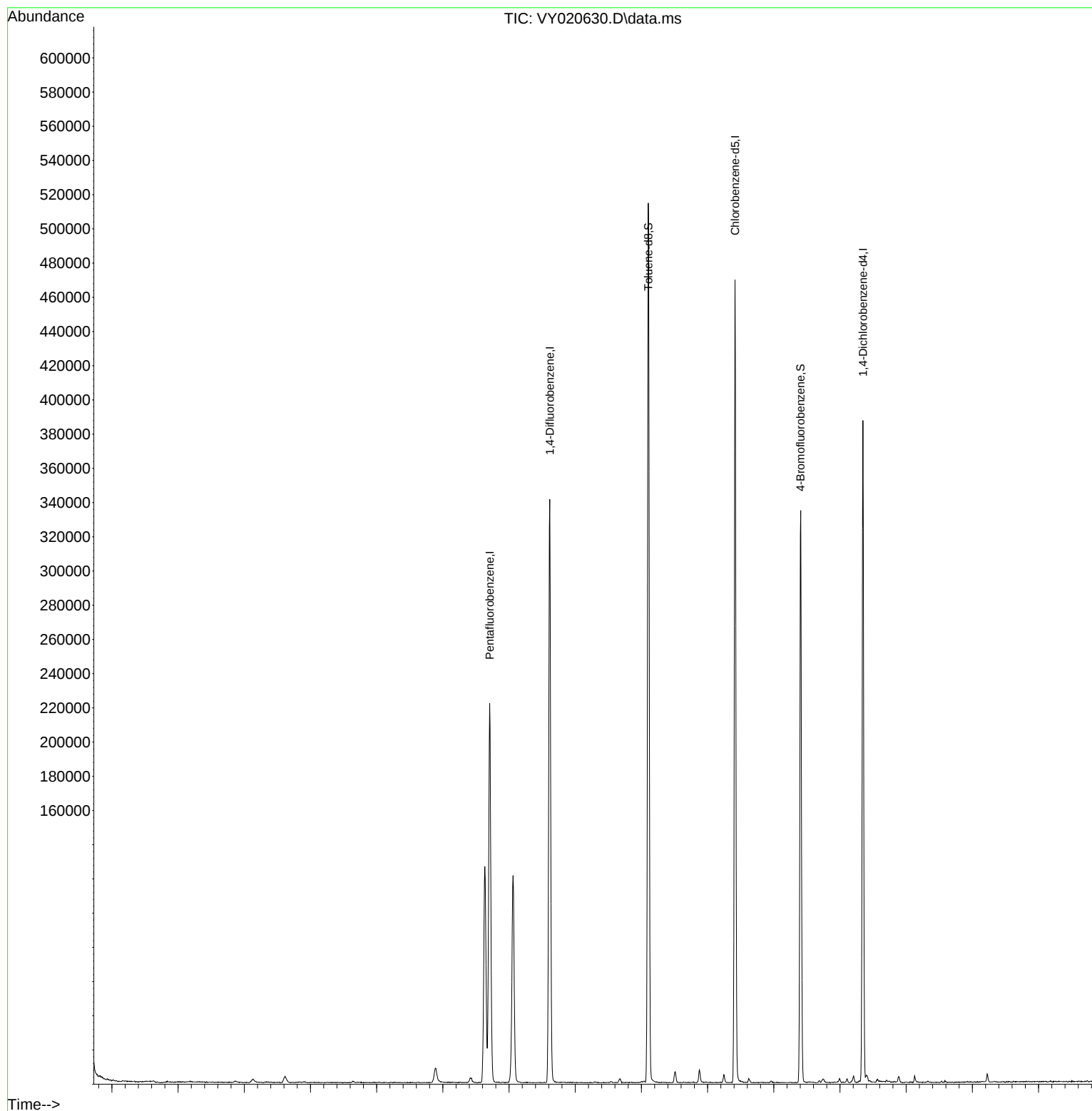
Internal Standards						
1) Pentafluorobenzene	7.707	168	165087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	286183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	94502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96963	53.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.260%
35) Dibromofluoromethane	7.634	113	90706	44.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.103	98	343494	48.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.402	95	103676	37.543	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.080%
Target Compounds						
20) Methylene Chloride	4.616	84	2655	1.181	ug/l #	Qvalue 80

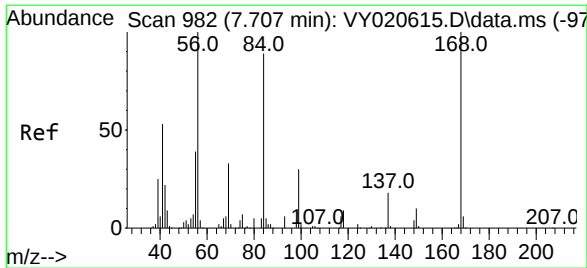
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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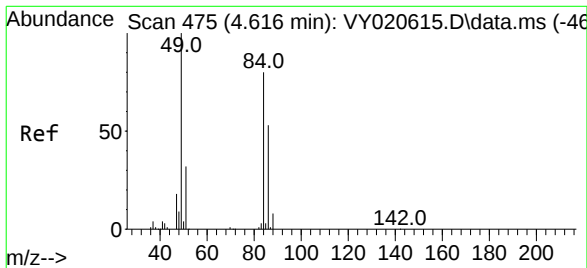
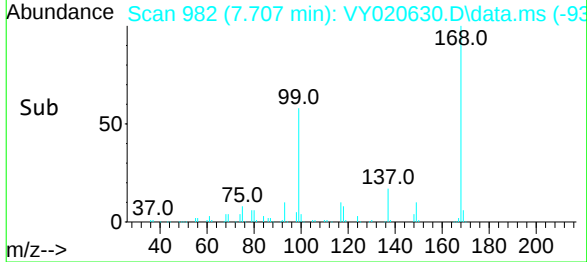
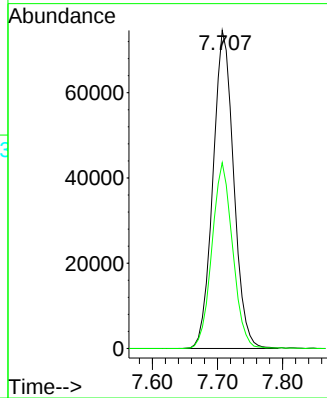
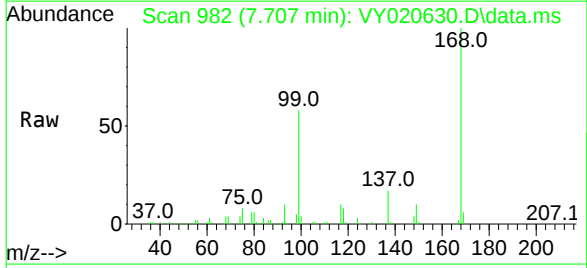




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

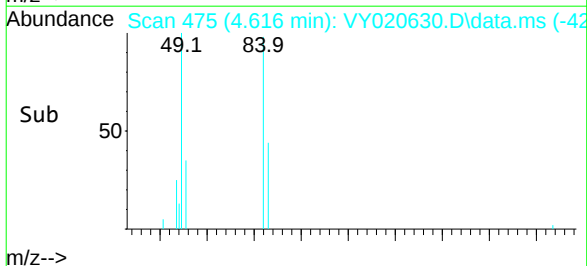
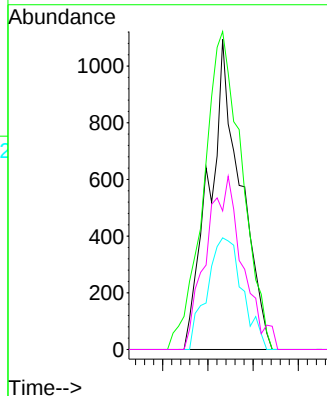
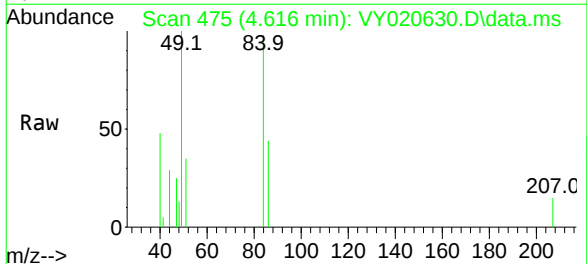
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3A

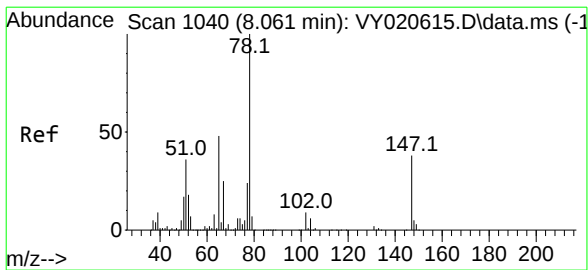
Tgt Ion:168 Resp: 165087
Ion Ratio Lower Upper
168 100
99 58.4 47.0 70.6



#20
Methylene Chloride
Concen: 1.181 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Tgt Ion: 84 Resp: 2655
Ion Ratio Lower Upper
84 100
49 102.6 100.7 151.1
51 36.0 32.2 48.2
86 44.7 53.0 79.6#





#33

1,2-Dichloroethane-d4

Concen: 53.628 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020630.D

Acq: 18 Dec 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

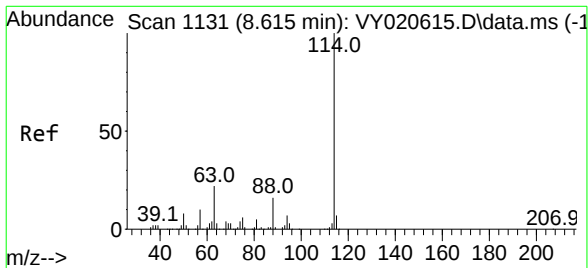
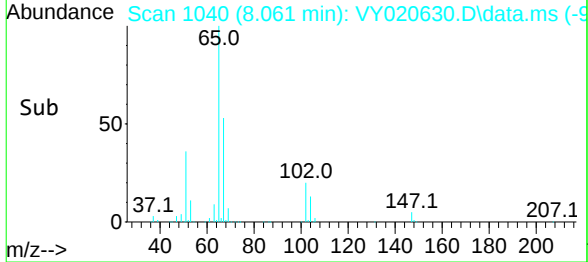
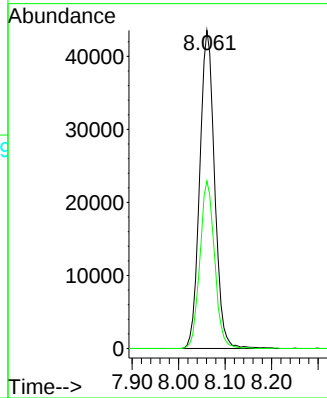
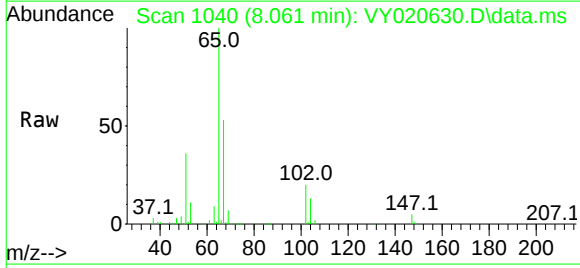
COMP-3A

Tgt Ion: 65 Resp: 96963

Ion Ratio Lower Upper

65 100

67 51.9 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: VY020630.D

Acq: 18 Dec 2024 12:57

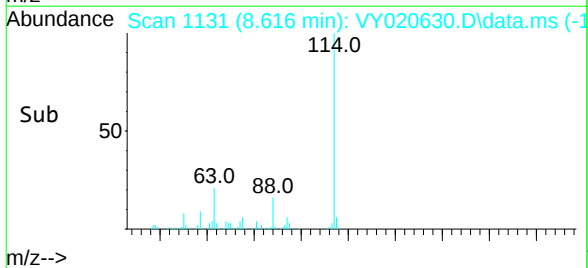
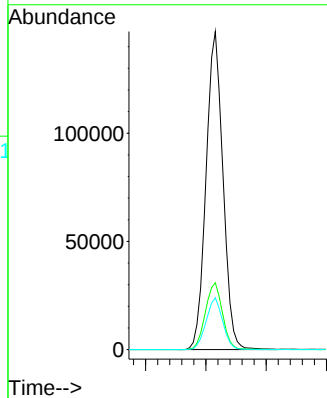
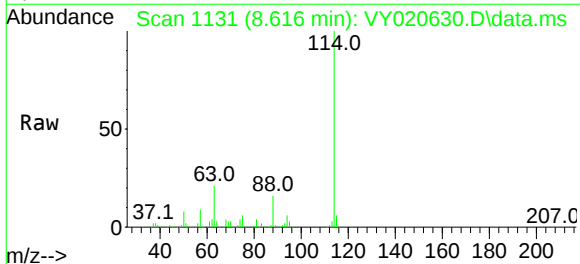
Tgt Ion: 114 Resp: 286183

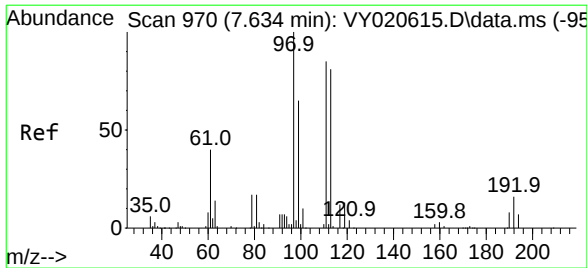
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.972 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020630.D

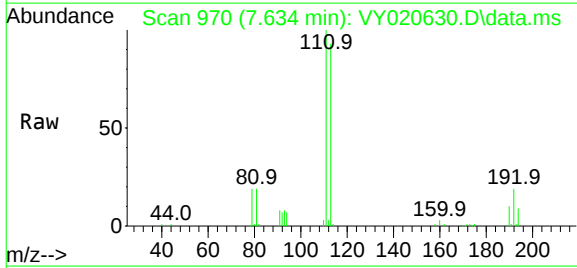
Acq: 18 Dec 2024 12:57

Instrument :

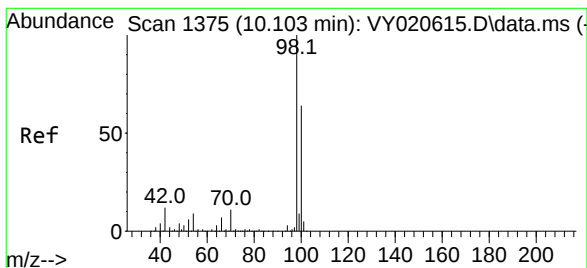
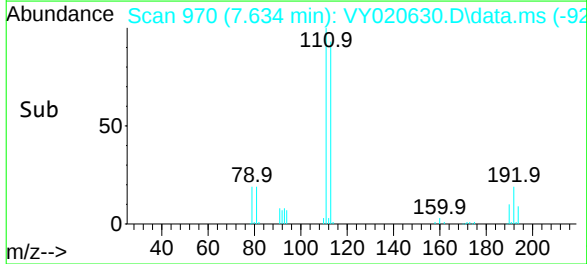
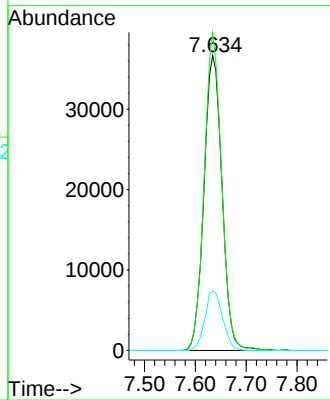
MSVOA_Y

ClientSampleId :

COMP-3A



Tgt Ion:	113	Resp:	90706
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.9	124.3
192	19.8	15.7	23.5



#50

Toluene-d8

Concen: 48.656 ug/l

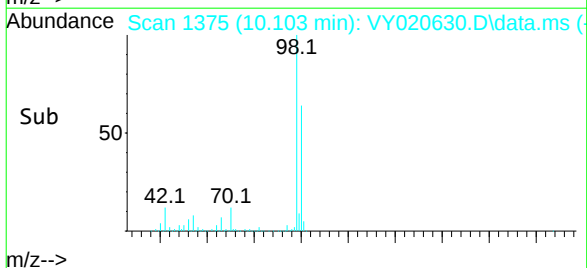
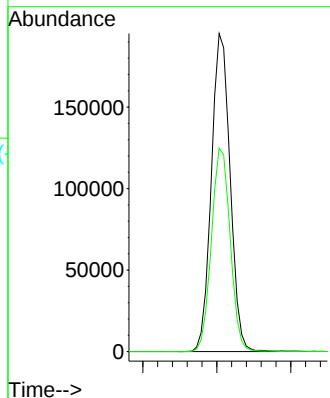
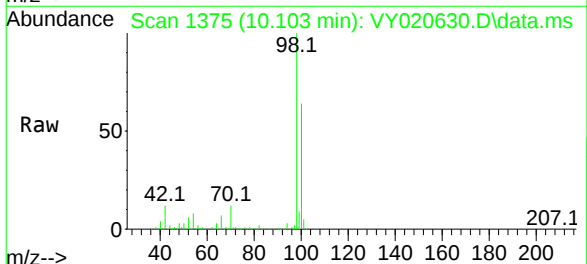
RT: 10.103 min Scan# 1375

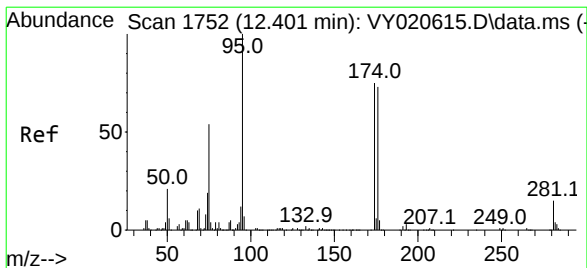
Delta R.T. 0.000 min

Lab File: VY020630.D

Acq: 18 Dec 2024 12:57

Tgt Ion:	98	Resp:	343494
Ion Ratio	Lower	Upper	
98	100		
100	64.1	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 37.543 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020630.D

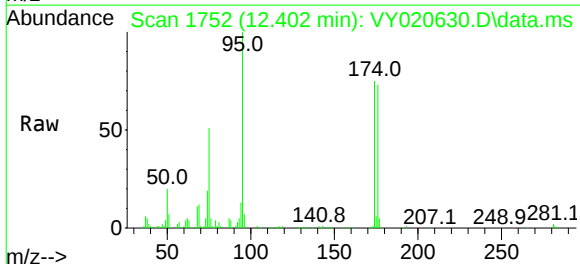
Acq: 18 Dec 2024 12:57

Instrument :

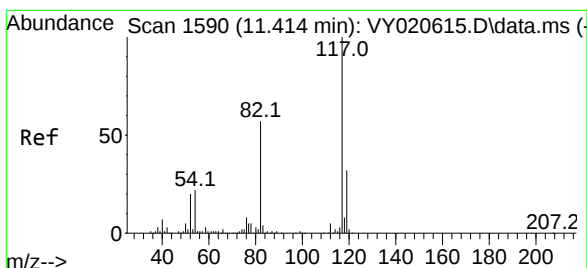
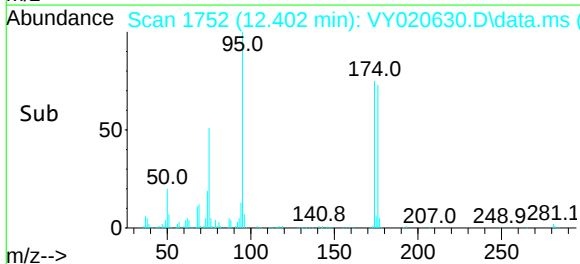
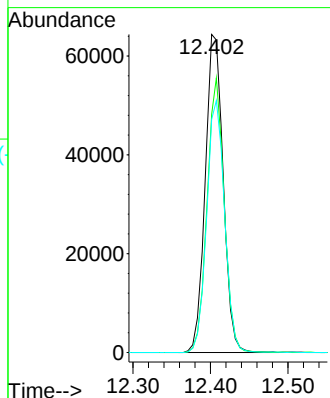
MSVOA_Y

ClientSampleId :

COMP-3A



Tgt Ion:	95	Resp:	103676
Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	161.8
176	79.0	0.0	156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

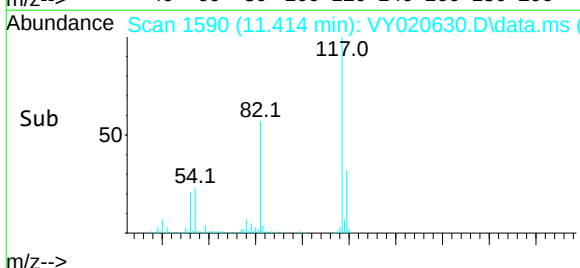
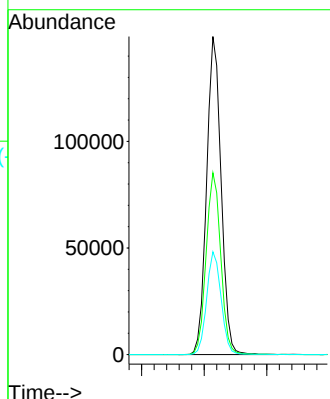
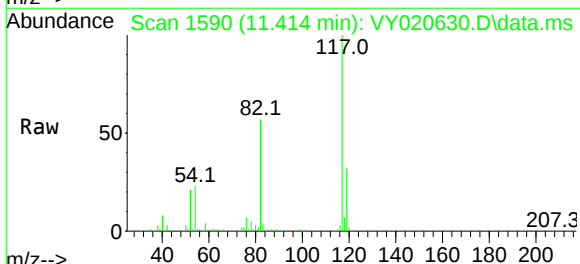
RT: 11.414 min Scan# 1590

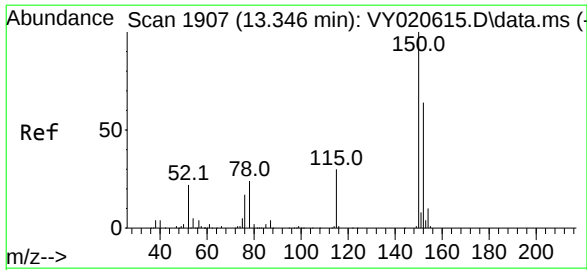
Delta R.T. 0.000 min

Lab File: VY020630.D

Acq: 18 Dec 2024 12:57

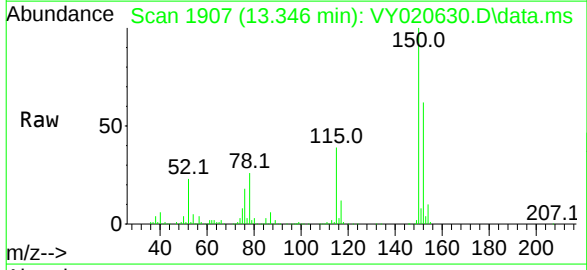
Tgt Ion:	117	Resp:	239715
Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.6
119	32.3	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020630.D
Acq: 18 Dec 2024 12:57

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3A



Tgt Ion:	152	Resp:	94502
Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.2	90.6
150	158.7	0.0	355.4

