

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061241.D
 Acq On : 25 Oct 2024 21:55
 Operator : MD/SY
 Sample : P4560-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNY1

Quant Time: Oct 26 05:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

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

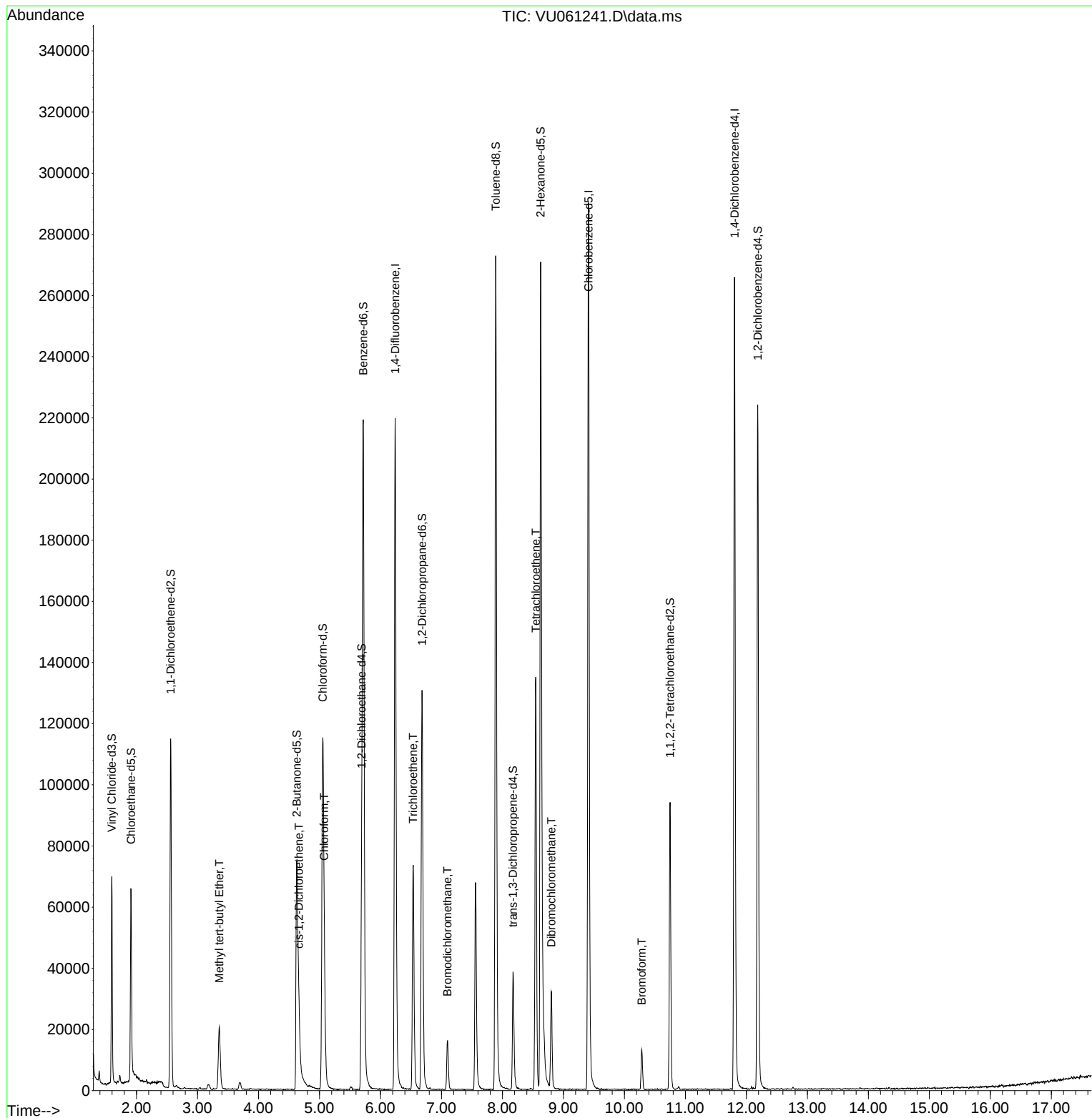
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191380	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46551	3.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.910	69	44878	3.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.560	65	21475	3.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.627	46	120076	45.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.980%
24) Chloroform-d	5.052	84	103484	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.692	65	53816	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.717	84	214593	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.682	67	63973	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	193664	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	23959	4.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	103537	43.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47123	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	61573	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
17) Methyl tert-butyl Ether	3.357	73	24315	0.793	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	5805	0.406	ug/L	95
25) Chloroform	5.078	83	28328	1.142	ug/L	97
34) Trichloroethene	6.534	95	25915	1.817	ug/L	98
38) Bromodichloromethane	7.100	83	11095	0.660	ug/L	89
47) Tetrachloroethene	8.547	164	30034	3.015	ug/L	97
49) Dibromochloromethane	8.801	129	15925	1.468	ug/L	92
59) Bromoform	10.283	173	6153	1.118	ug/L	99

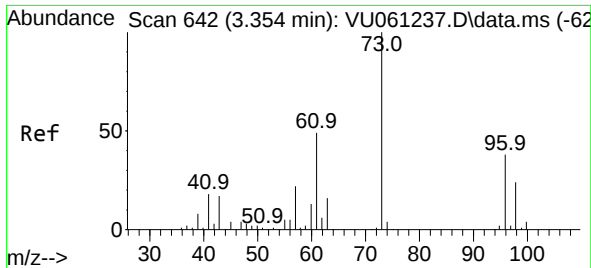
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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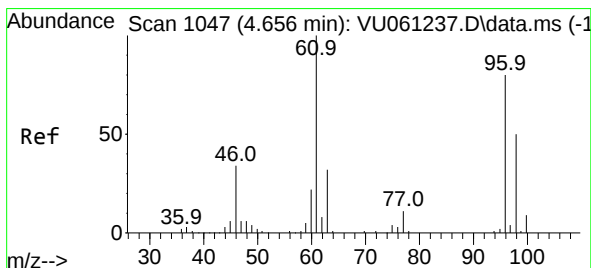
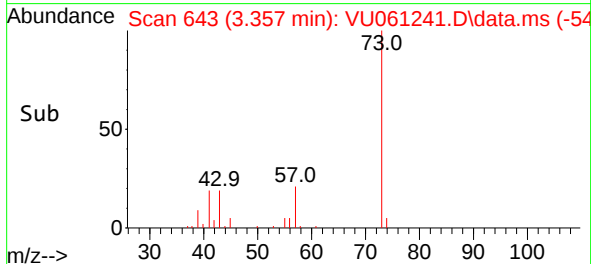
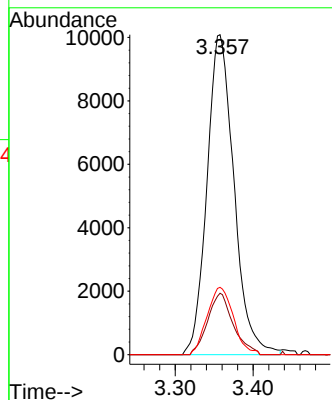
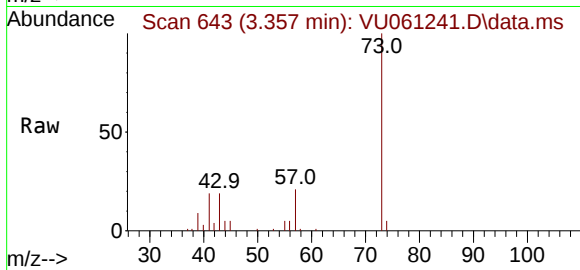




#17
Methyl tert-butyl Ether
Concen: 0.793 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

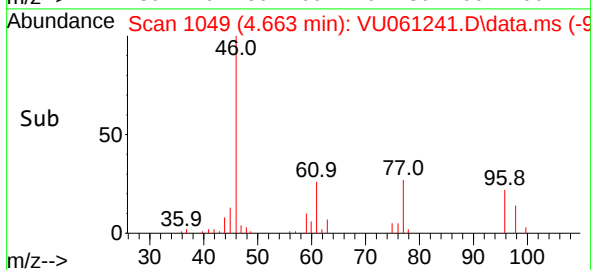
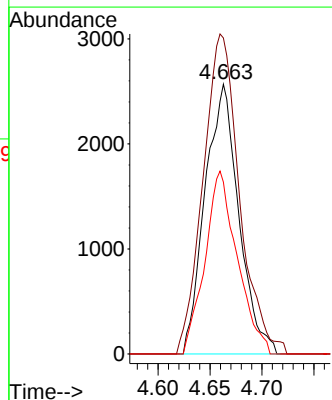
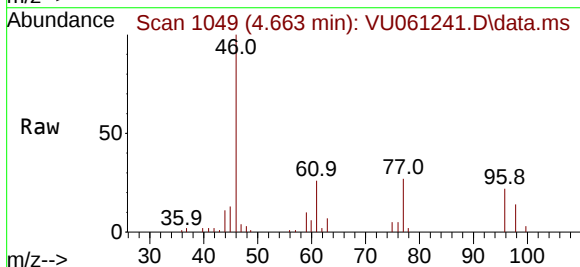
Instrument :
MSVOA_U
ClientSampleId :
GCNY1

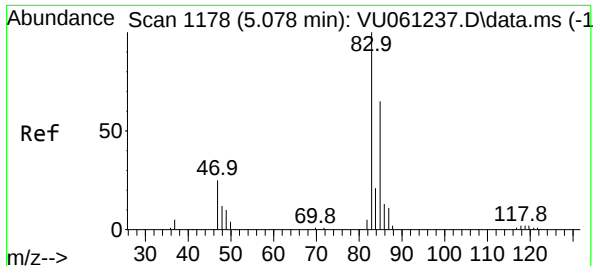
Tgt Ion: 73	Resp:	24315
Ion	Ratio	Lower Upper
73	100	
43	18.2	15.0 22.4
57	20.5	17.0 25.6



#22
cis-1,2-Dichloroethene
Concen: 0.406 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

Tgt Ion: 96	Resp:	5805
Ion	Ratio	Lower Upper
96	100	
61	117.1	88.1 163.5
98	63.7	45.0 83.6





#25

Chloroform

Concen: 1.142 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061241.D

Acq: 25 Oct 2024 21:55

Instrument :

MSVOA_U

ClientSampleId :

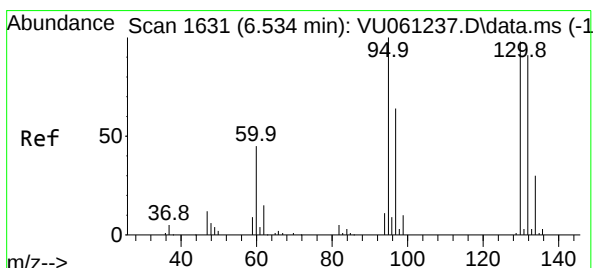
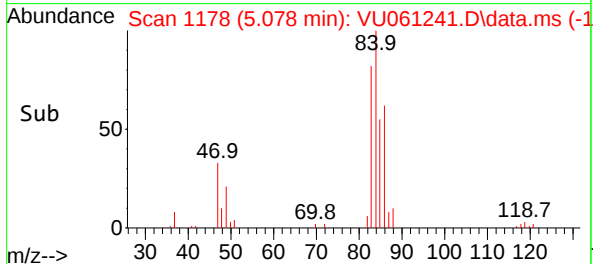
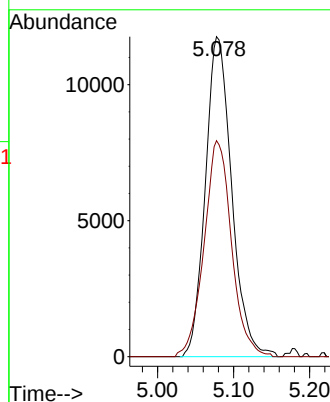
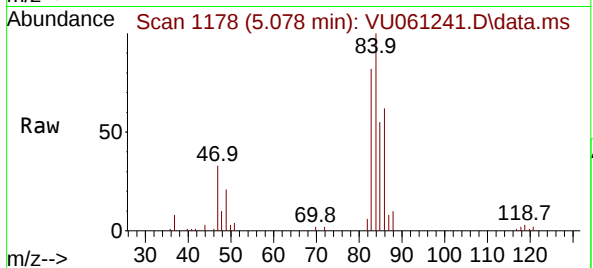
GCNY1

Tgt Ion: 83 Resp: 28328

Ion Ratio Lower Upper

83 100

85 67.5 45.6 84.6



#34

Trichloroethene

Concen: 1.817 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU061241.D

Acq: 25 Oct 2024 21:55

Tgt Ion: 95 Resp: 25915

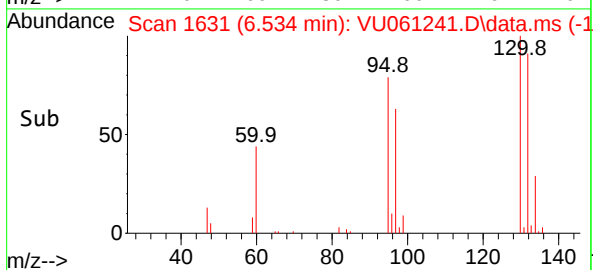
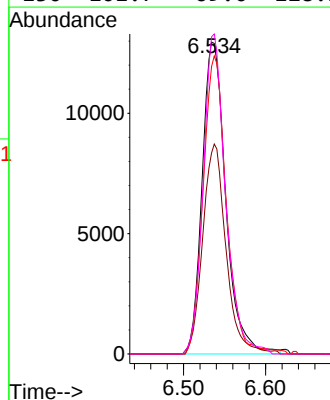
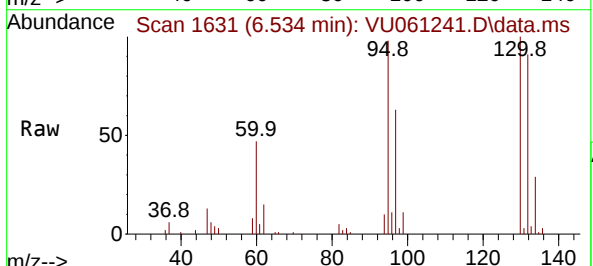
Ion Ratio Lower Upper

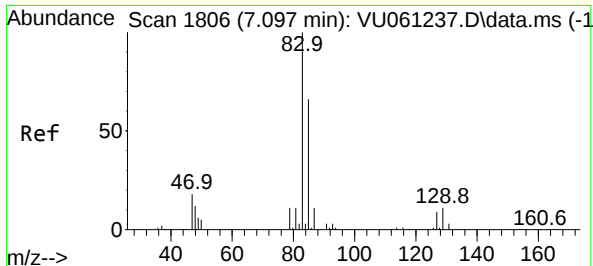
95 100

97 64.4 46.1 85.7

132 92.2 66.1 122.7

130 101.7 69.0 128.2

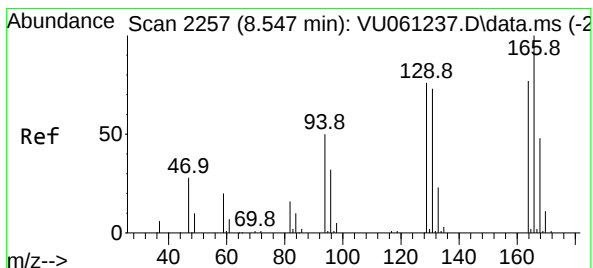
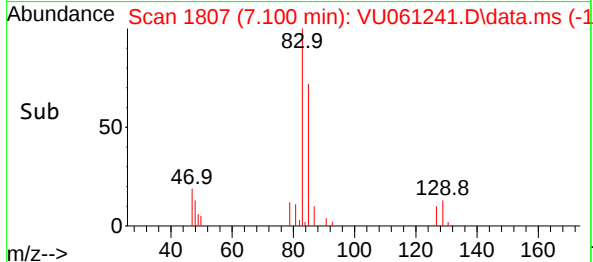
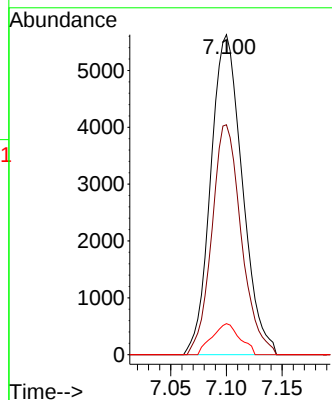
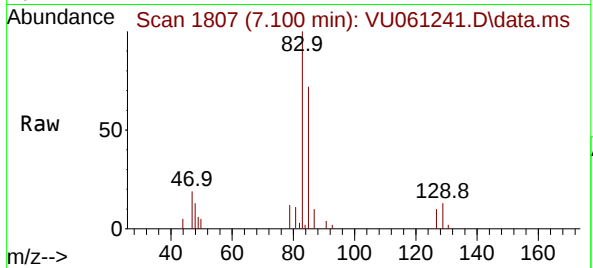




#38
Bromodichloromethane
Concen: 0.660 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

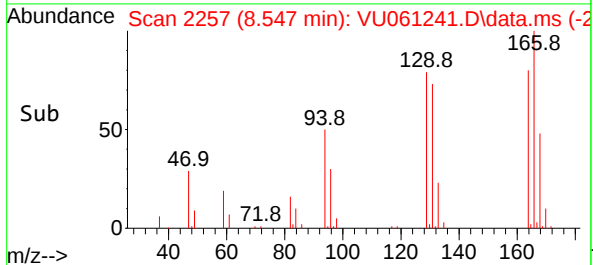
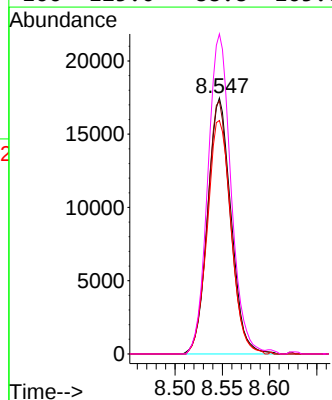
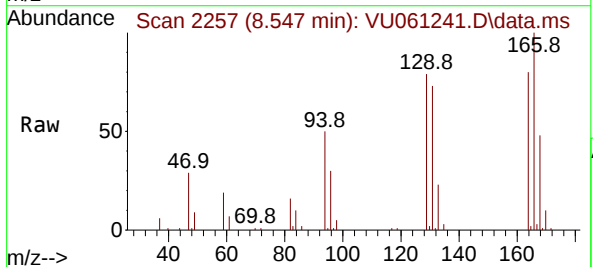
Instrument :
MSVOA_U
ClientSampleId :
GCNY1

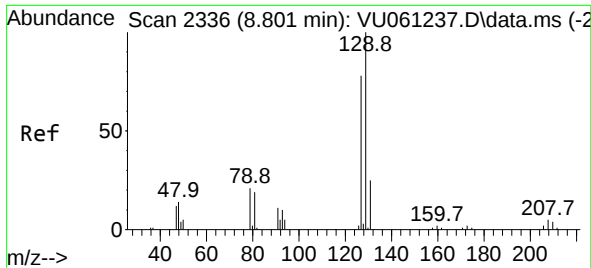
Tgt Ion: 83 Resp: 11095
Ion Ratio Lower Upper
83 100
85 71.9 43.8 81.4
127 9.7 7.4 11.0



#47
Tetrachloroethene
Concen: 3.015 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

Tgt Ion: 164 Resp: 30034
Ion Ratio Lower Upper
164 100
129 98.9 69.9 129.7
131 91.2 68.3 126.8
166 125.0 88.8 165.0

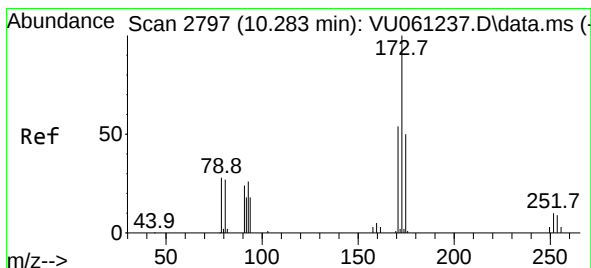
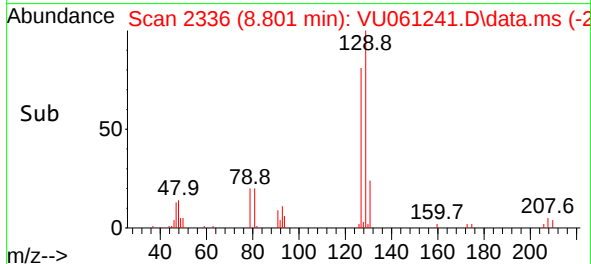
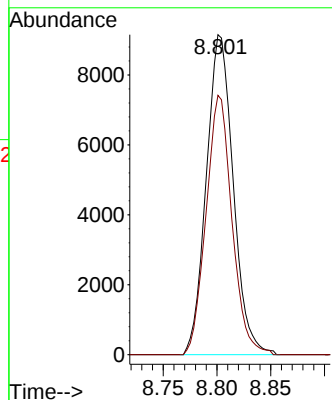
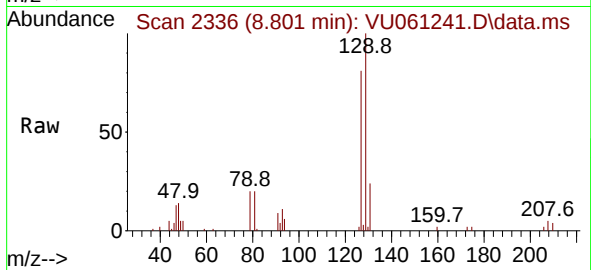




#49
Dibromochloromethane
Concen: 1.468 ug/L
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

Instrument :
MSVOA_U
ClientSampleId :
GCNY1

Tgt Ion:129 Resp: 15925
Ion Ratio Lower Upper
129 100
127 81.1 51.8 96.2



#59
Bromoform
Concen: 1.118 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

Tgt Ion:173 Resp: 6153
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 8.0 6.8 10.2

