

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 :

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)

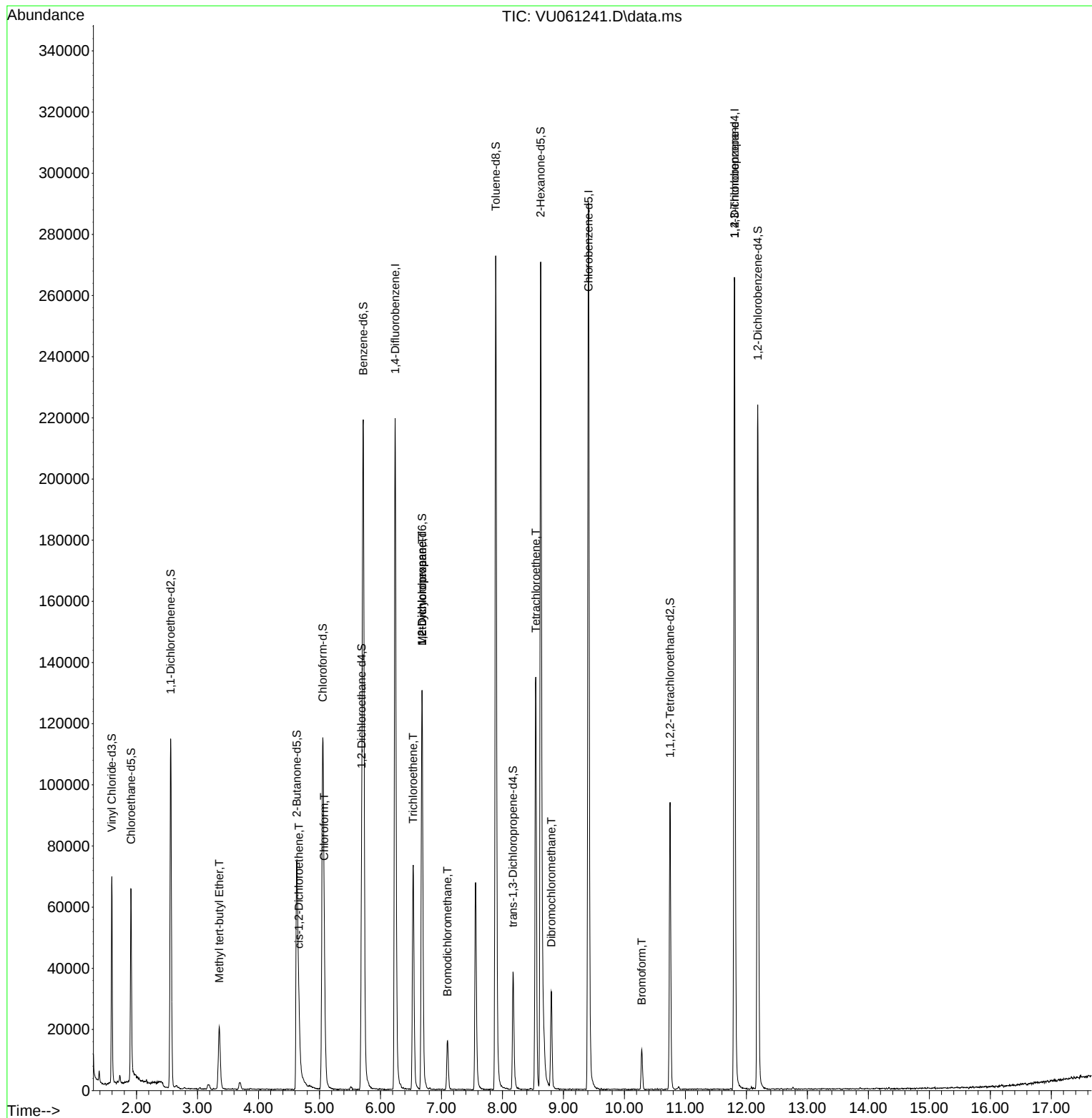
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191380	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46551	3.581	ug/L	0.00
Spiked Amount	5.000	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						
					Qvalue	
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
35) Methylcyclohexane	6.682	83	14661	0.646	ug/L #	31
37) 1,2-Dichloropropane	6.682	63	7040	0.530	ug/L #	89
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
61) 1,2,3-Trichloropropane	11.807	75	9211	1.244	ug/L #	69

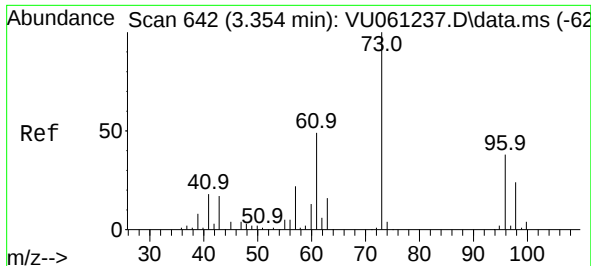
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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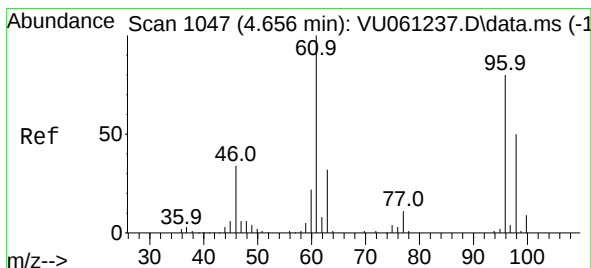
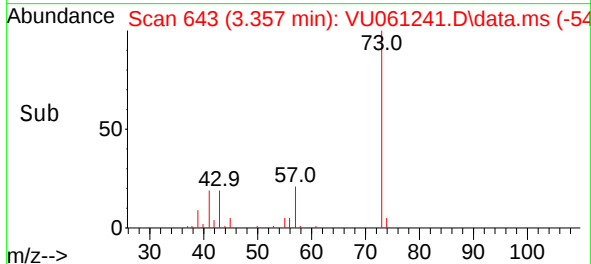
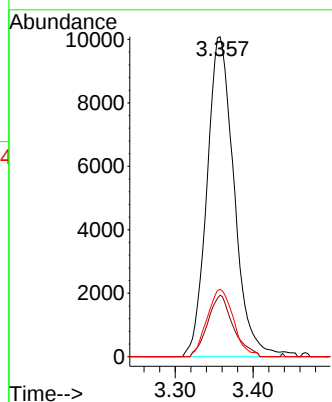
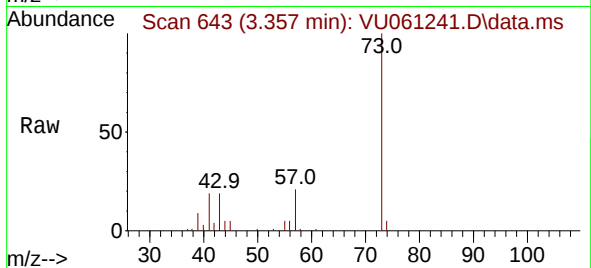




#17
Methyl tert-butyl Ether
Concen: 0.793 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

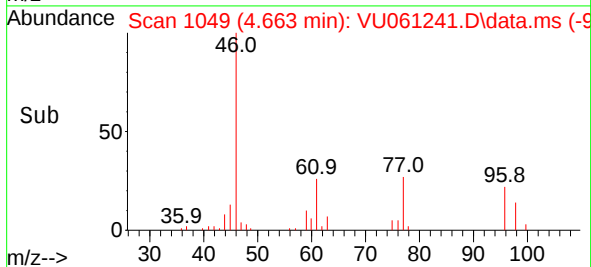
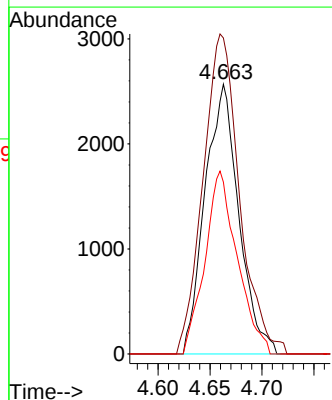
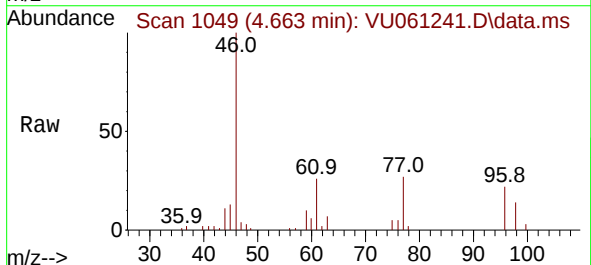
Instrument :
MSVOA_U
ClientSampleId :

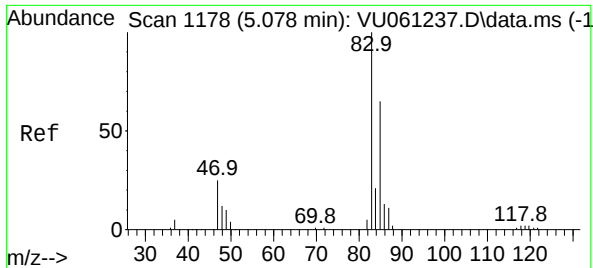
Tgt Ion: 73 Resp: 24315
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.4
57 20.5 17.0 25.6



#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

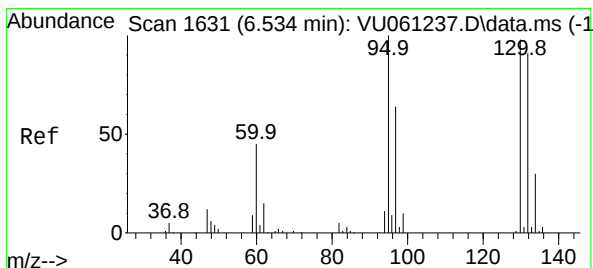
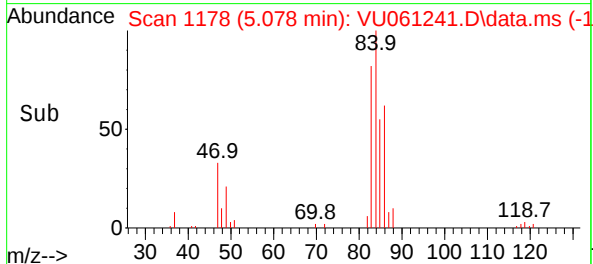
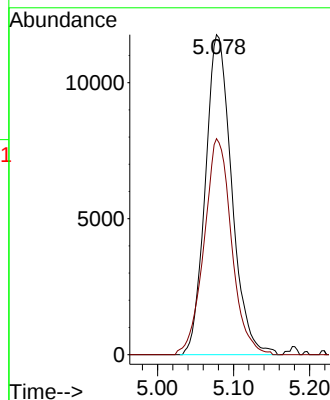
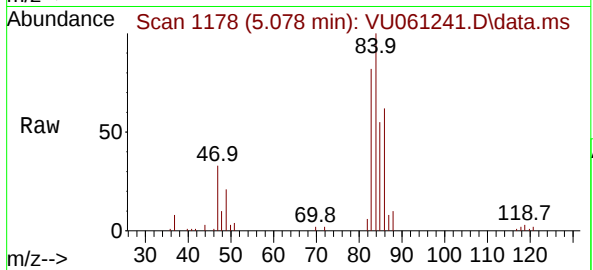




#25
Chloroform
Concen: 1.142 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

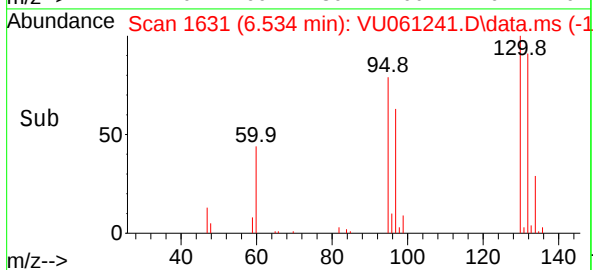
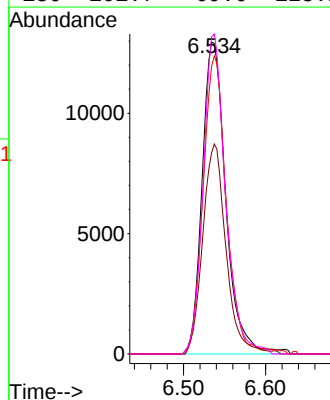
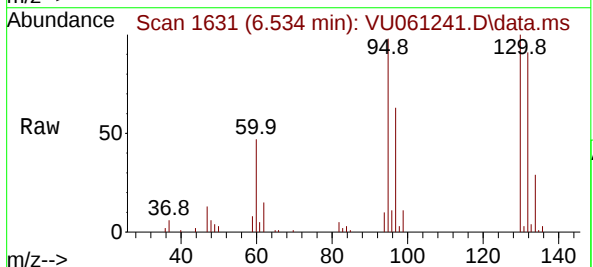
Instrument :
MSVOA_U
ClientSampleId :

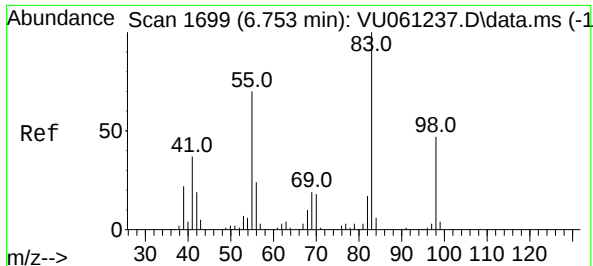
Tgt Ion: 83 Resp: 28328
Ion Ratio Lower Upper
83 100
85 67.5 45.6 84.6



#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

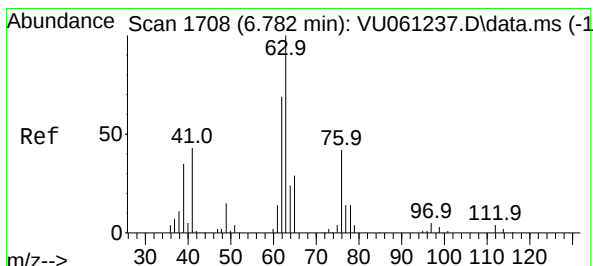
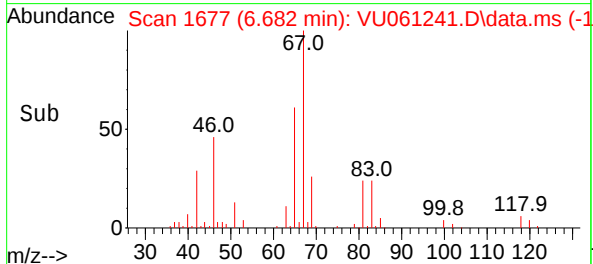
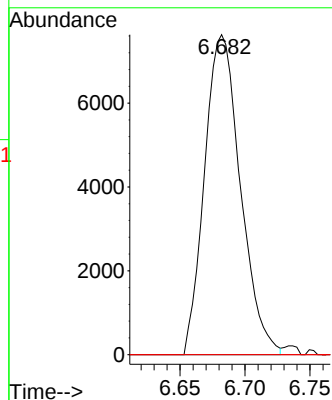
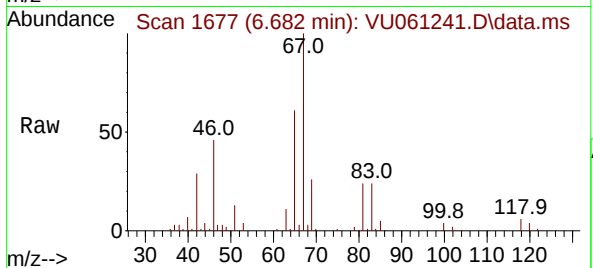




#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

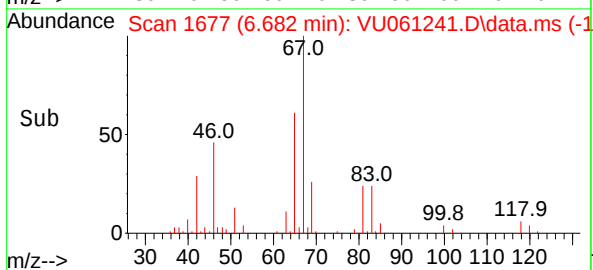
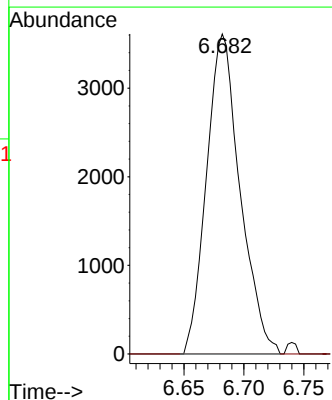
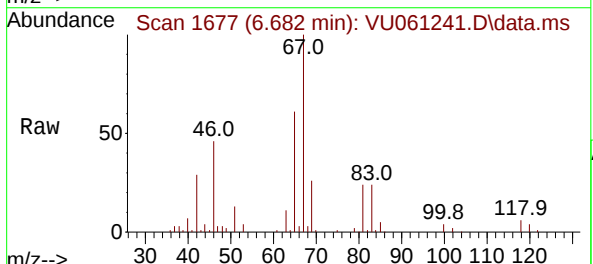
Instrument :
MSVOA_U
ClientSampleId :

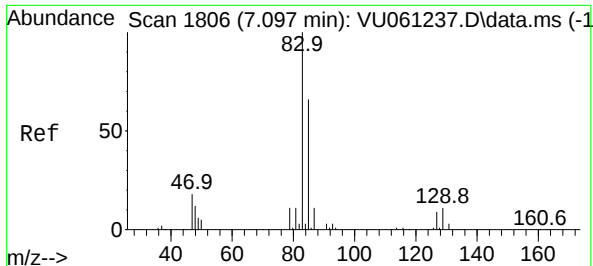
Tgt Ion: 83 Resp: 14661
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 17.1 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061241.D
Acq: 25 Oct 2024 21:55

Tgt Ion: 63 Resp: 7040
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#38

Bromodichloromethane

Concen: 0.660 ug/L

RT: 7.100 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU061241.D

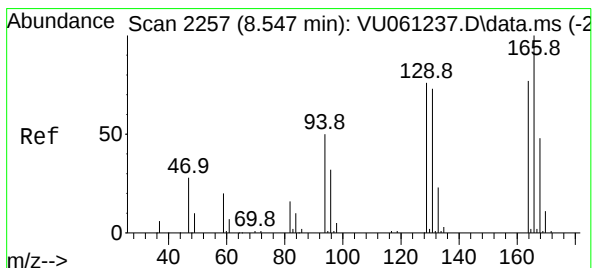
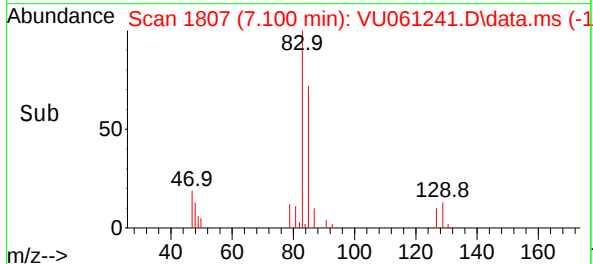
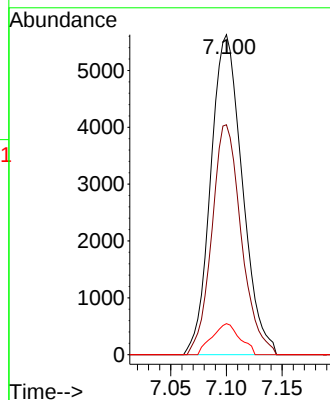
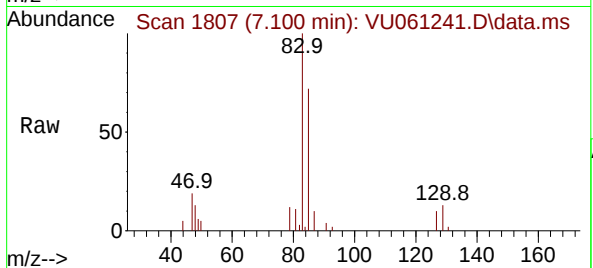
Acq: 25 Oct 2024 21:55

Instrument :

MSVOA_U

ClientSampleId :

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

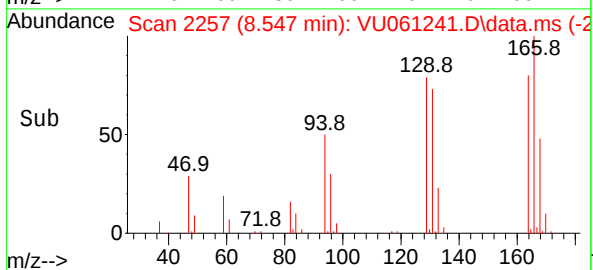
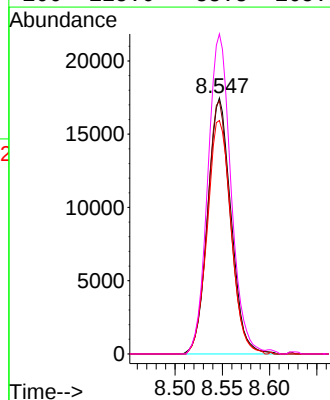
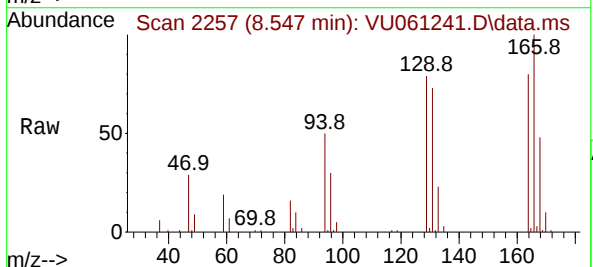
RT: 8.547 min Scan# 2257

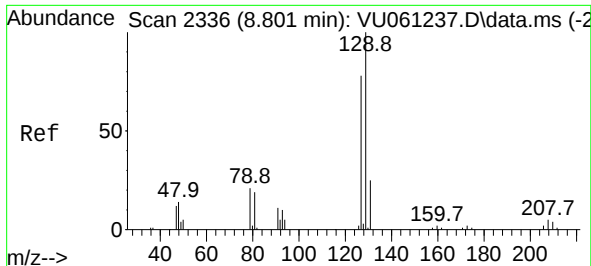
Delta R.T. -0.000 min

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# 2336

Delta R.T. -0.000 min

Lab File: VU061241.D

Acq: 25 Oct 2024 21:55

Instrument :

MSVOA_U

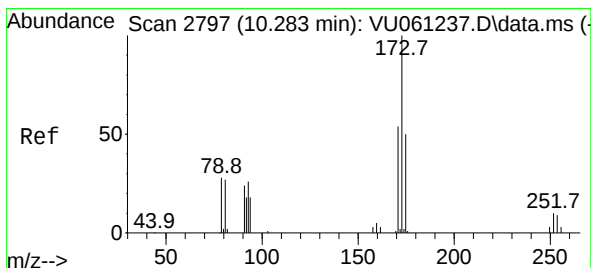
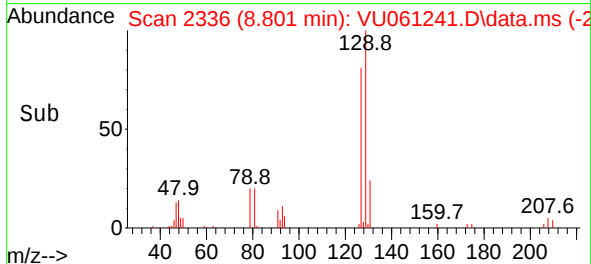
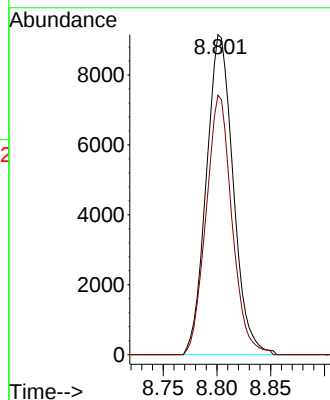
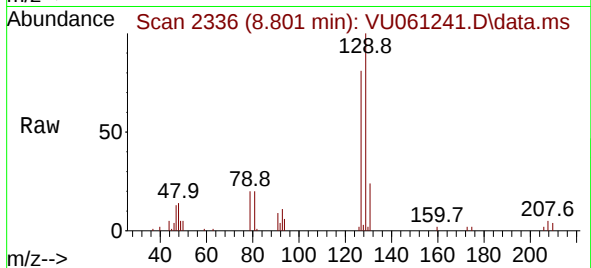
ClientSampleId :

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

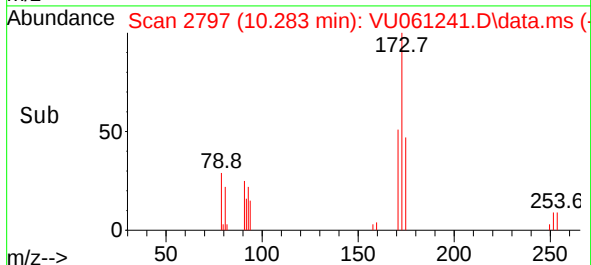
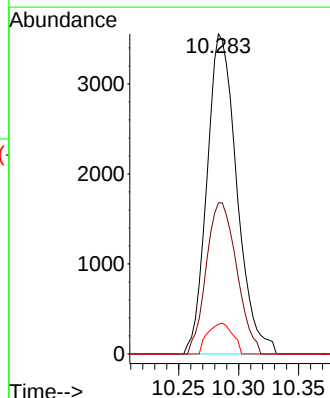
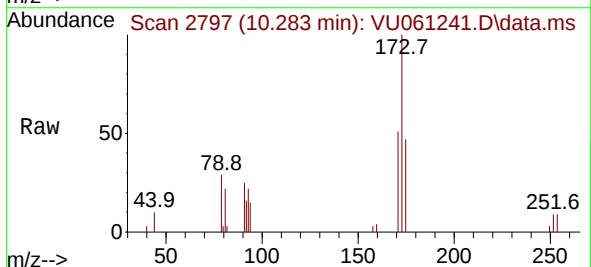
Tgt Ion:173 Resp: 6153

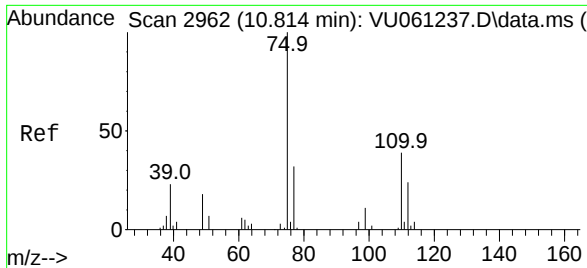
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

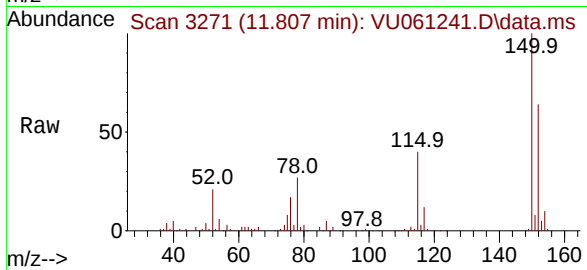
254 8.0 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 1.244 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU061241.D
 Acq: 25 Oct 2024 21:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9211
 Ion Ratio Lower Upper
 75 100
 110 1.9 28.8 43.2#
 77 32.1 25.7 38.5

