

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061242.D
 Acq On : 25 Oct 2024 22:19
 Operator : MD/SY
 Sample : P4560-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 05:05:52 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)

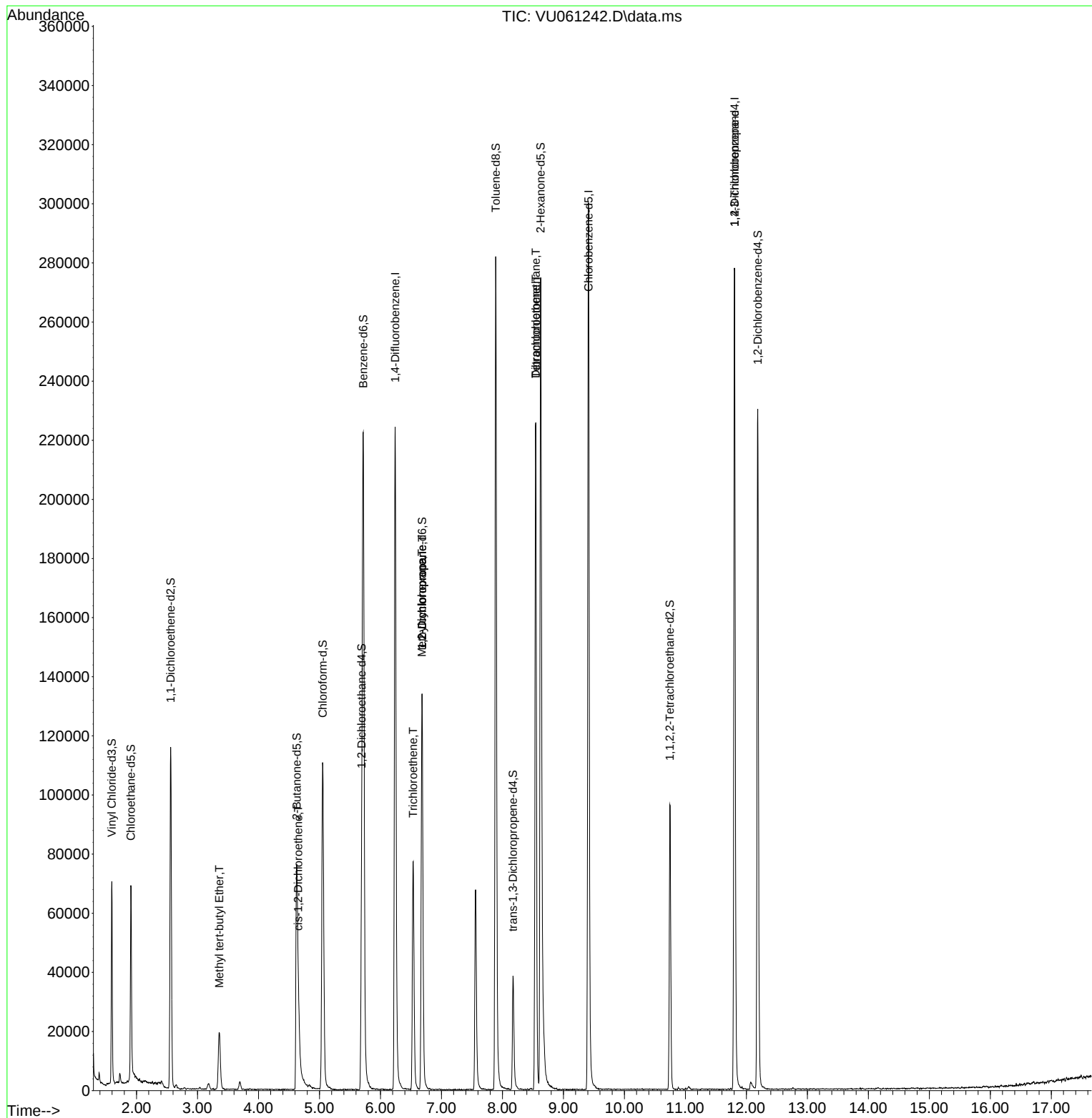
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	195436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47842	3.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.907	69	46589	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	21564	3.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.628	46	122751	45.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.080%
24) Chloroform-d	5.052	84	106161	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.692	65	55980	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.718	84	218350	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.682	67	66952	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	197851	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	24379	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.627	63	106791	44.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47934	4.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	62531	4.609	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
17) Methyl tert-butyl Ether	3.358	73	23816	0.761	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	3806	0.261	ug/L	85
34) Trichloroethene	6.534	95	26896	1.868	ug/L	98
35) Methylcyclohexane	6.679	83	15394	0.672	ug/L #	25
37) 1,2-Dichloropropane	6.682	63	7404	0.552	ug/L #	89
47) Tetrachloroethene	8.547	164	49121	4.884	ug/L	98
49) Dibromochloromethane	8.547	129	49617	4.530	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	10383	1.361	ug/L #	68

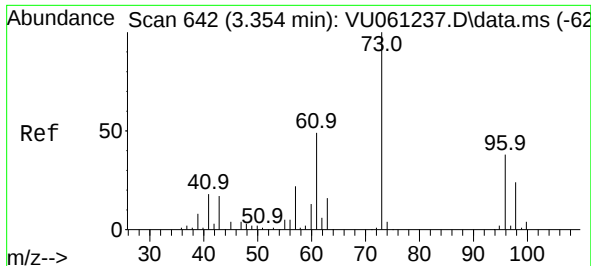
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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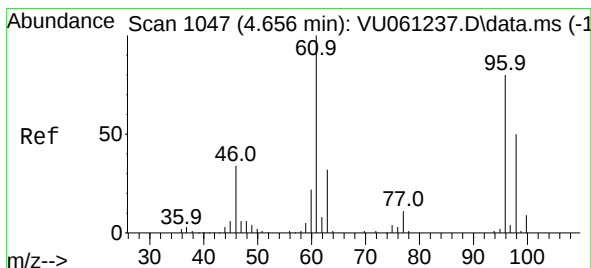
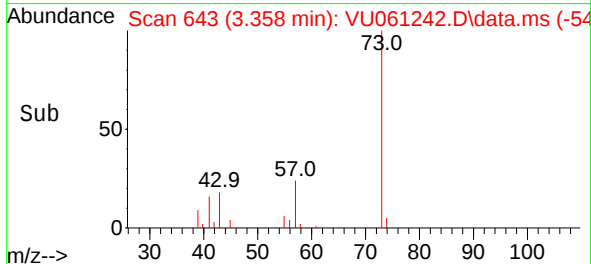
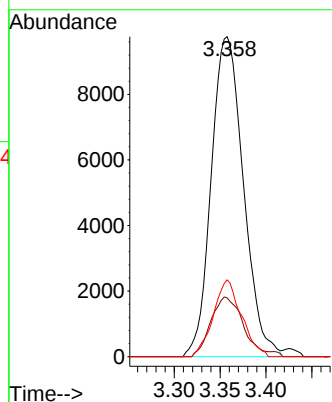
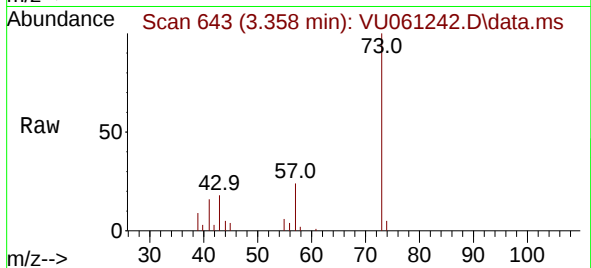




#17
Methyl tert-butyl Ether
Concen: 0.761 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061242.D
Acq: 25 Oct 2024 22:19

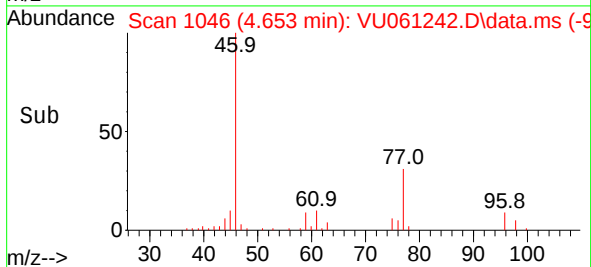
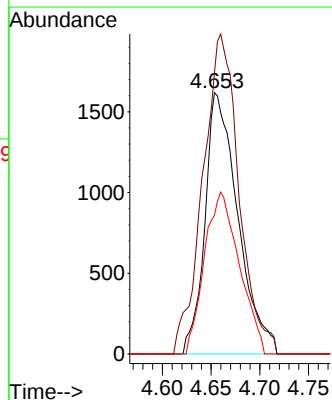
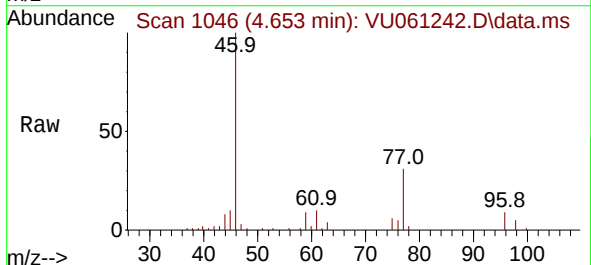
Instrument :
MSVOA_U
ClientSampleId :

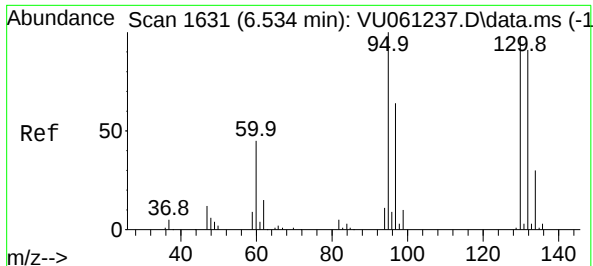
Tgt Ion: 73 Resp: 23816
Ion Ratio Lower Upper
73 100
43 19.0 15.0 22.4
57 21.0 17.0 25.6



#22
cis-1,2-Dichloroethene
Concen: 0.261 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061242.D
Acq: 25 Oct 2024 22:19

Tgt Ion: 96 Resp: 3806
Ion Ratio Lower Upper
96 100
61 107.5 88.1 163.5
98 53.0 45.0 83.6

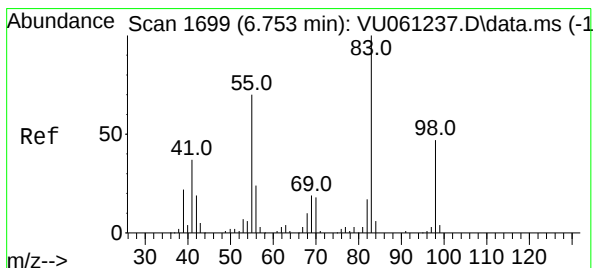
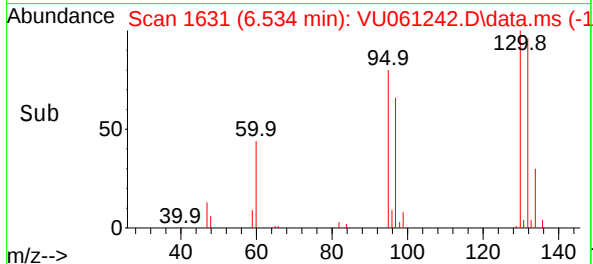
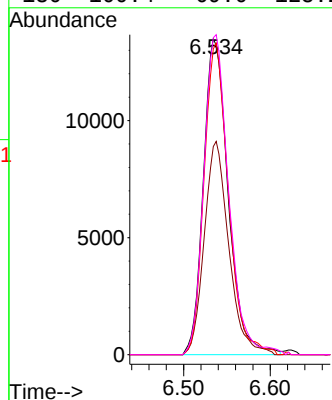
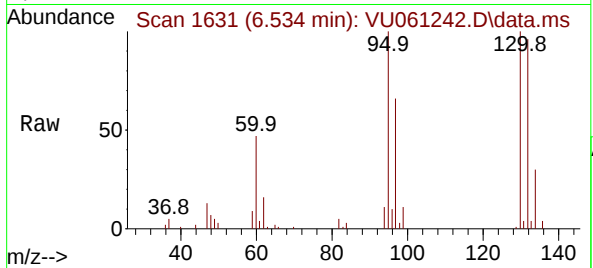




#34
Trichloroethene
Concen: 1.868 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061242.D
Acq: 25 Oct 2024 22:19

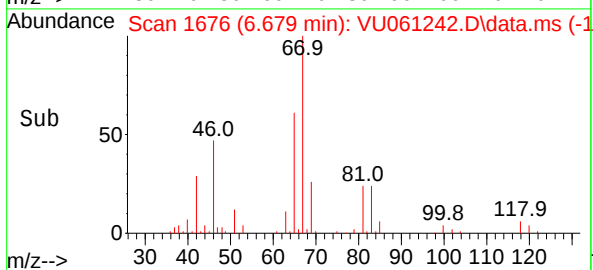
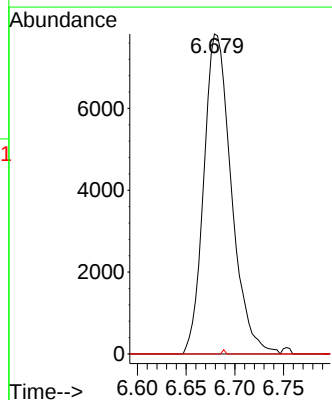
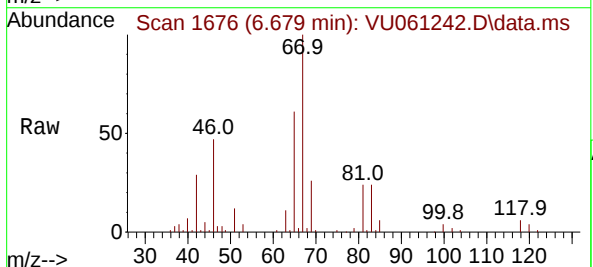
Instrument :
MSVOA_U
ClientSampleId :

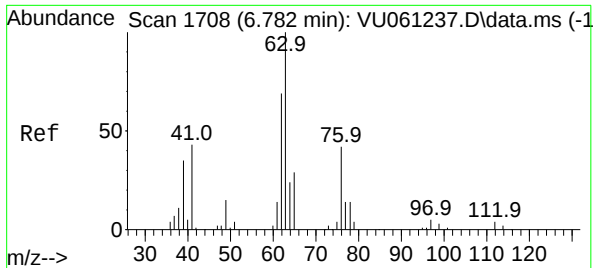
Tgt Ion: 95 Resp: 26896
Ion Ratio Lower Upper
95 100
97 66.0 46.1 85.7
132 96.9 66.1 122.7
130 100.4 69.0 128.2



#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061242.D
Acq: 25 Oct 2024 22:19

Tgt Ion: 83 Resp: 15394
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 5.5 35.9 53.9#

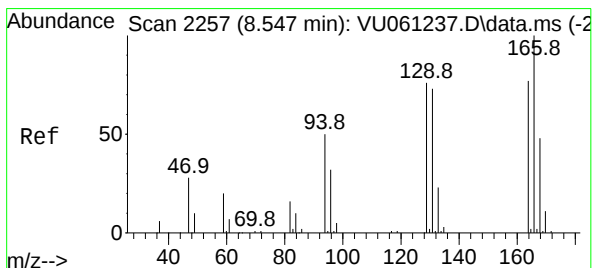
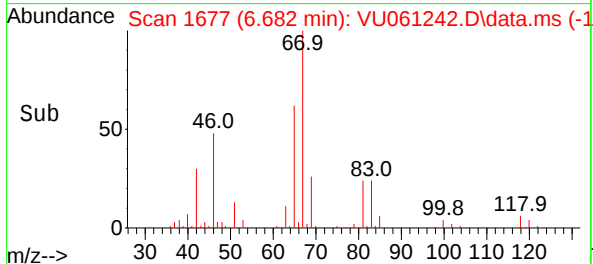
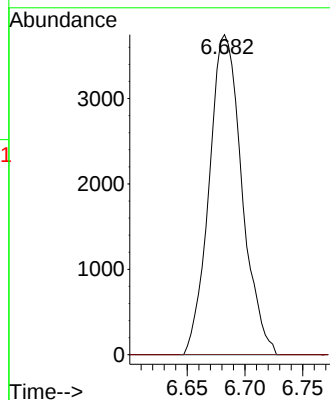
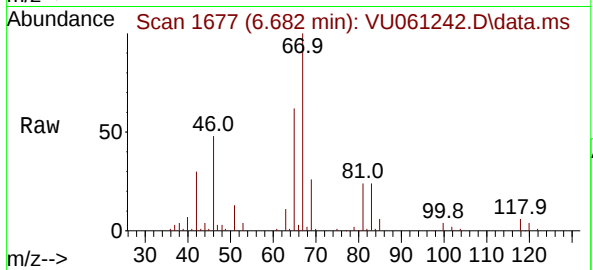




#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061242.D
Acq: 25 Oct 2024 22:19

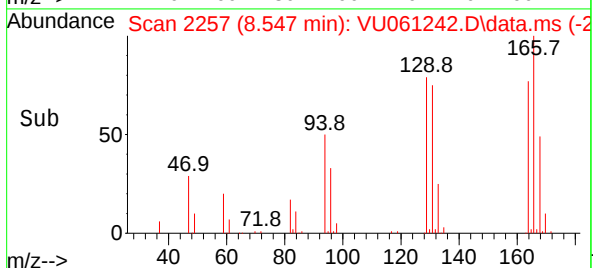
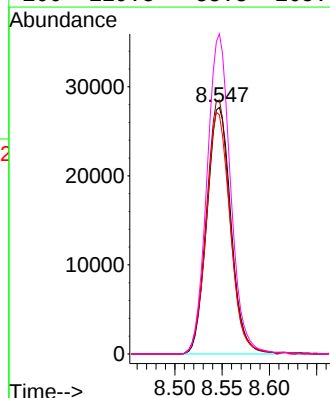
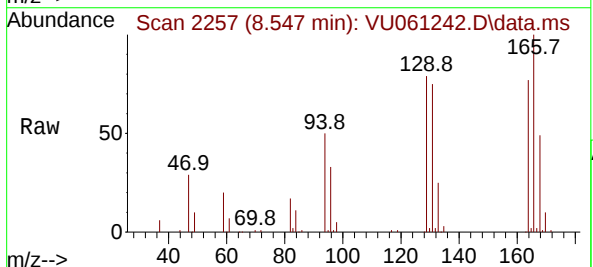
Instrument :
MSVOA_U
ClientSampleId :

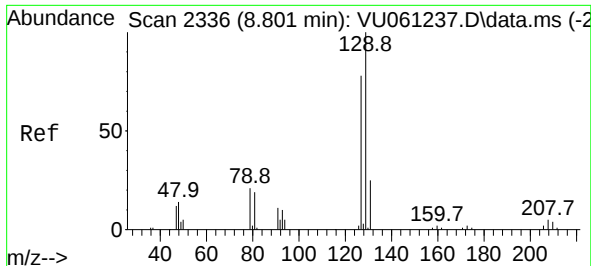
Tgt Ion: 63 Resp: 7404
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 4.884 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061242.D
Acq: 25 Oct 2024 22:19

Tgt Ion:164 Resp: 49121
Ion Ratio Lower Upper
164 100
129 103.0 69.9 129.7
131 96.9 68.3 126.8
166 129.8 88.8 165.0





#49

Dibromochloromethane

Concen: 4.530 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061242.D

Acq: 25 Oct 2024 22:19

Instrument :

MSVOA_U

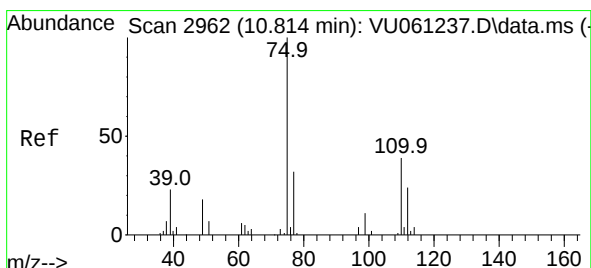
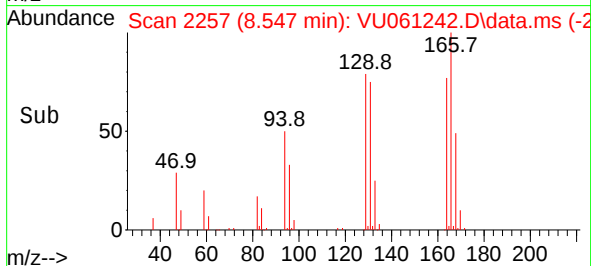
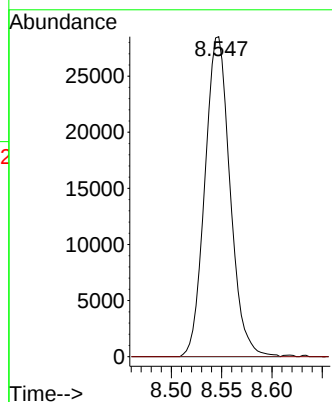
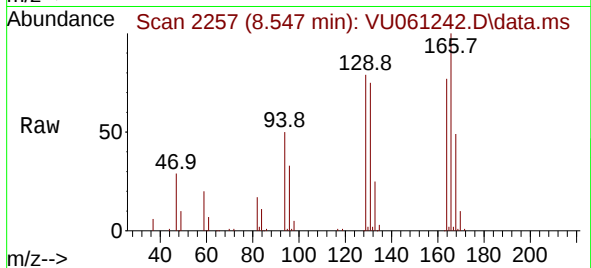
ClientSampleId :

Tgt Ion:129 Resp: 49617

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.361 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU061242.D

Acq: 25 Oct 2024 22:19

Tgt Ion: 75 Resp: 10383

Ion Ratio Lower Upper

75 100

110 1.7 28.8 43.2#

77 31.0 25.7 38.5

