

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061438.D
 Acq On : 05 Nov 2024 04:36
 Operator : MD/SY
 Sample : P4689-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 06:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 04:38:45 2024
 Response via : Initial Calibration

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

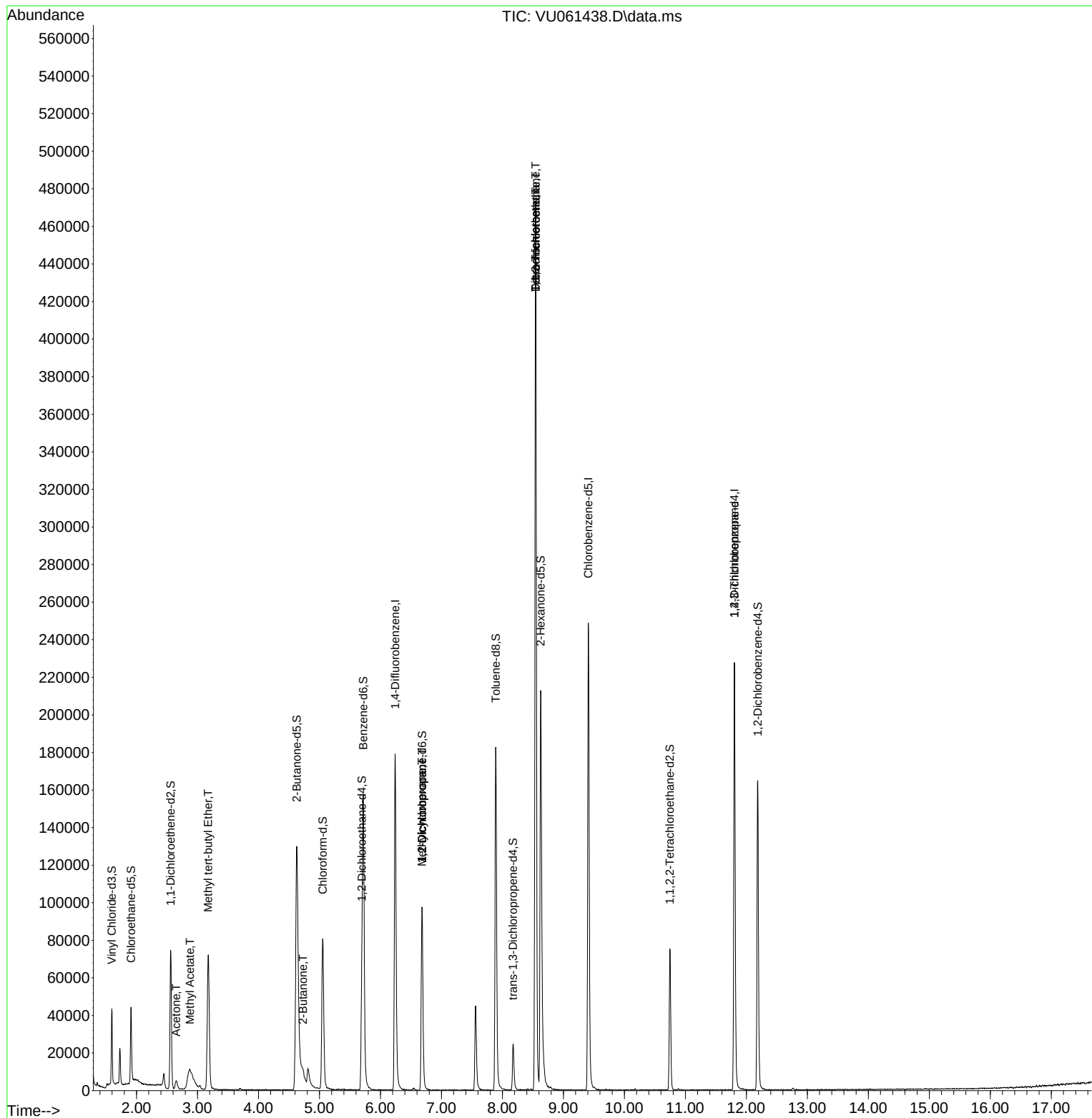
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27959	2.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.400%
7) Chloroethane-d5	1.911	69	29350	3.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.200%#
11) 1,1-Dichloroethene-d2	2.560	65	13796	3.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	4.628	46	95737	44.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	5.055	84	76756	3.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.695	65	39959	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.718	84	155190	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.682	67	48498	3.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.891	98	132134	3.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.174	79	15803	3.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.627	63	77164	37.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	38039	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	45617	4.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						Qvalue
13) Acetone	2.650	43	7051	5.232	ug/L	99
15) Methyl Acetate	2.875	43	10102	3.027	ug/L #	47
17) Methyl tert-butyl Ether	3.174	73	2435	0.099	ug/L #	1
21) 2-Butanone	4.727	43	9401	4.401	ug/L	99
35) Methylcyclohexane	6.679	83	11131	0.574	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	5318	0.468	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	922	0.113	ug/L #	9
47) Tetrachloroethene	8.544	164	102501	12.041	ug/L	99
49) Dibromochloromethane	8.544	129	103057	11.117	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	7832	1.225	ug/L #	67

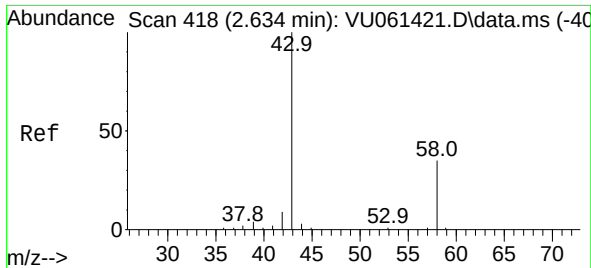
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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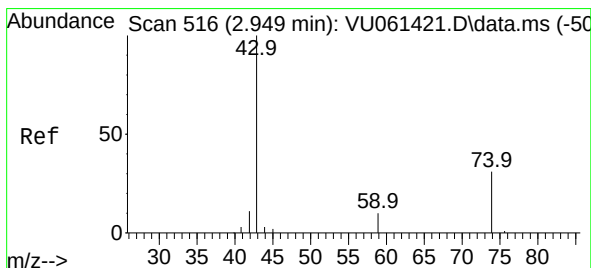
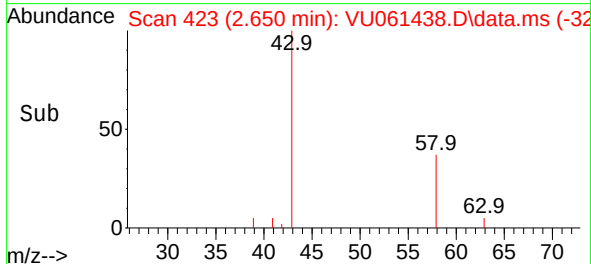
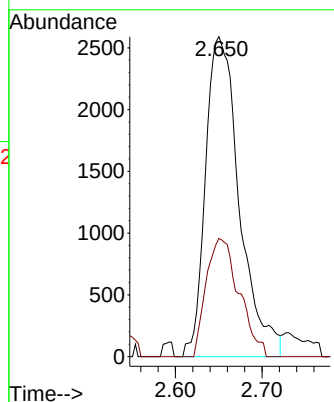
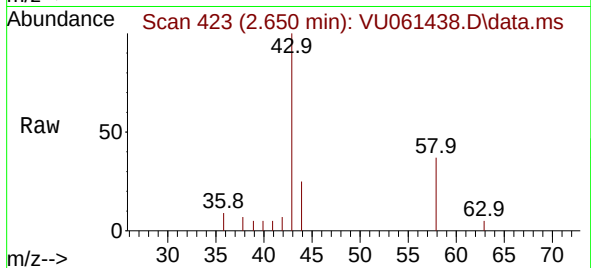




#13
Acetone
Concen: 5.232 ug/L
RT: 2.650 min Scan# 418
Delta R.T. 0.016 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

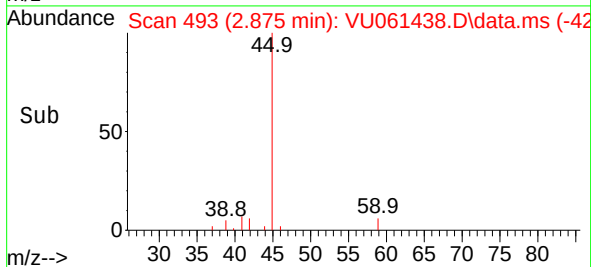
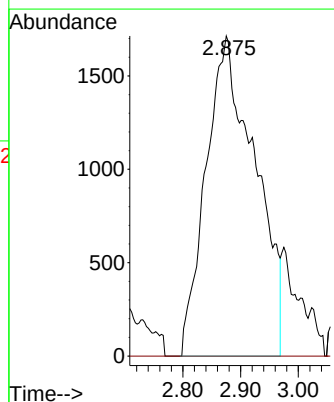
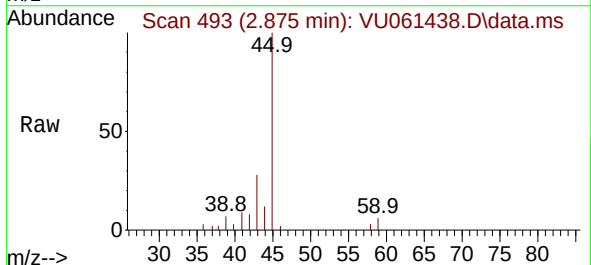
Instrument :
MSVOA_U
ClientSampleId :

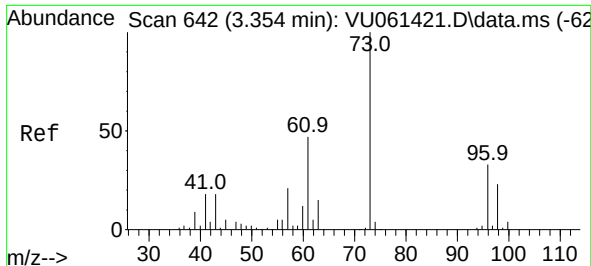
Tgt Ion: 43 Resp: 7051
Ion Ratio Lower Upper
43 100
58 35.8 0.0 73.2



#15
Methyl Acetate
Concen: 3.027 ug/L
RT: 2.875 min Scan# 493
Delta R.T. -0.074 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

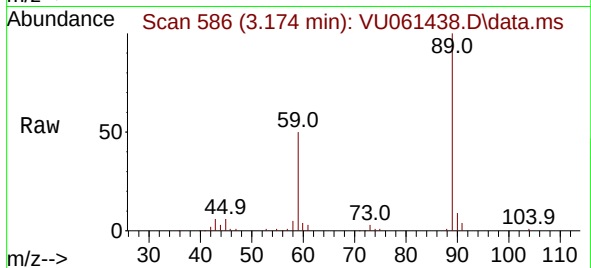
Tgt Ion: 43 Resp: 10102
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



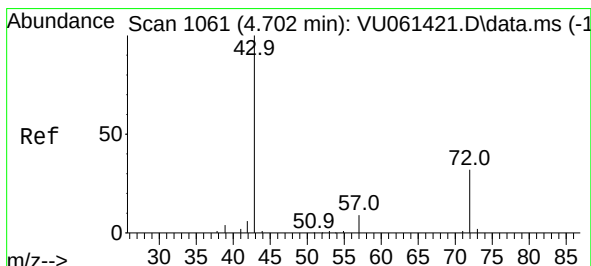
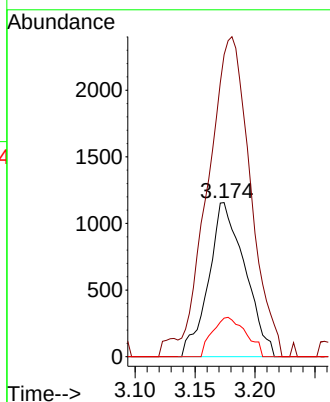
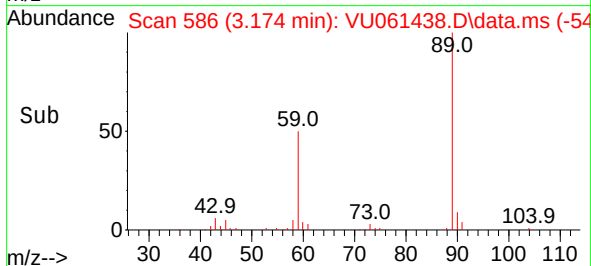


#17
Methyl tert-butyl Ether
Concen: 0.099 ug/L
RT: 3.174 min Scan# 51
Delta R.T. -0.180 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

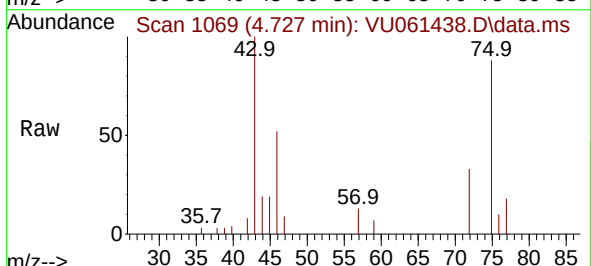
Instrument :
MSVOA_U
ClientSampleId :



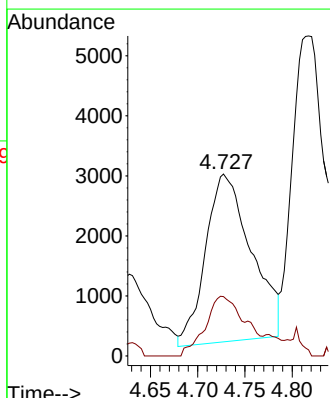
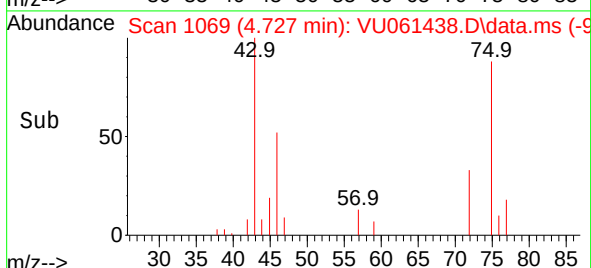
Tgt Ion: 73 Resp: 2435
Ion Ratio Lower Upper
73 100
43 244.8 15.0 22.4#
57 23.7 17.0 25.6

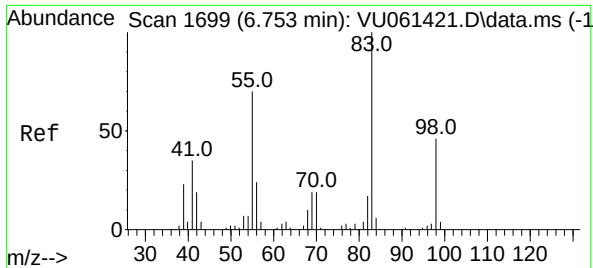


#21
2-Butanone
Concen: 4.401 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.026 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36



Tgt Ion: 43 Resp: 9401
Ion Ratio Lower Upper
43 100
72 31.3 15.9 47.6

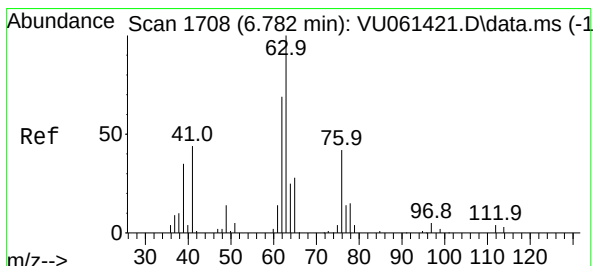
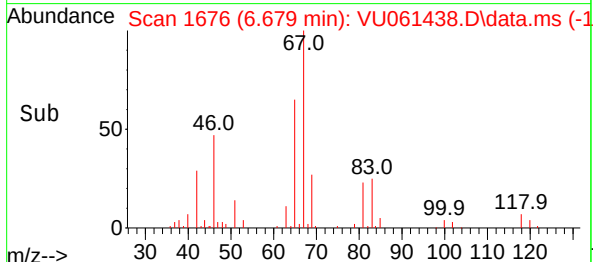
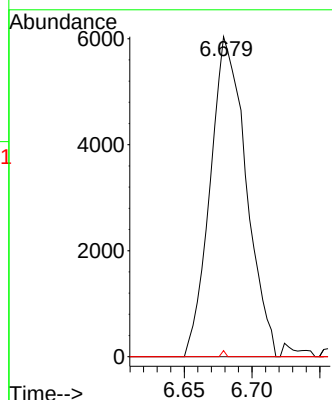
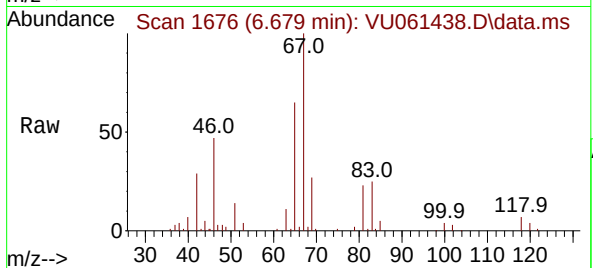




#35
Methylcyclohexane
Concen: 0.574 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

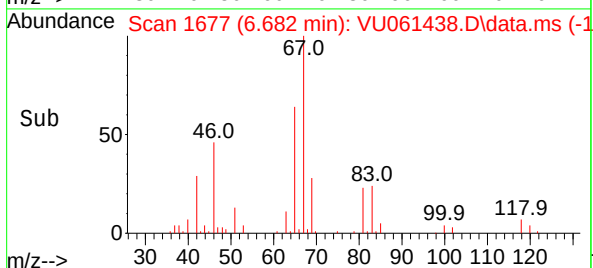
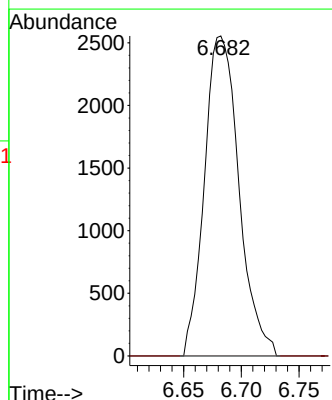
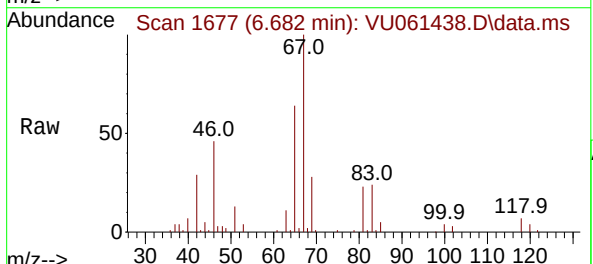
Instrument :
MSVOA_U
ClientSampleId :

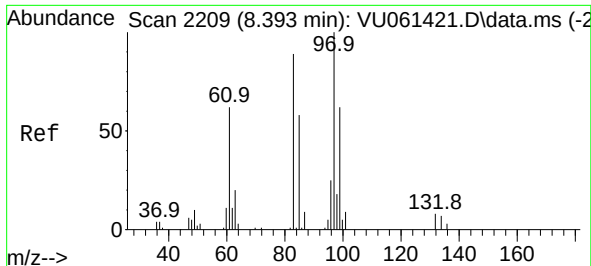
Tgt Ion: 83 Resp: 11131
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

Tgt Ion: 63 Resp: 5318
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



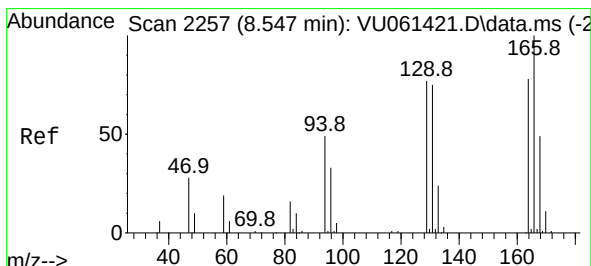
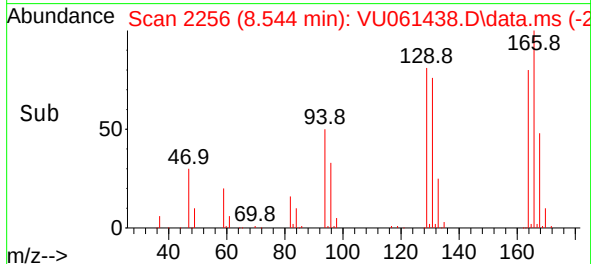
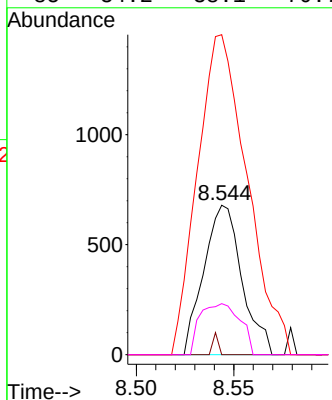
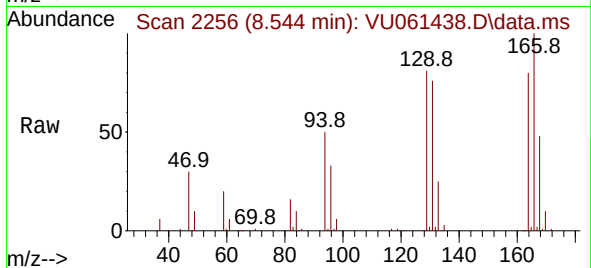


#45
1,1,2-Trichloroethane
Concen: 0.113 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 922

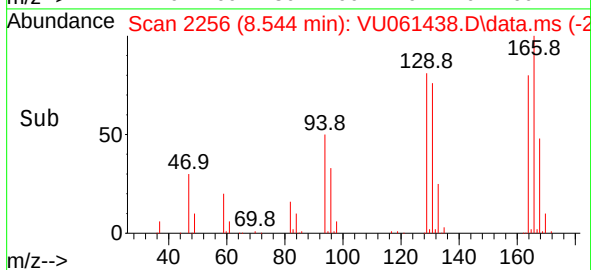
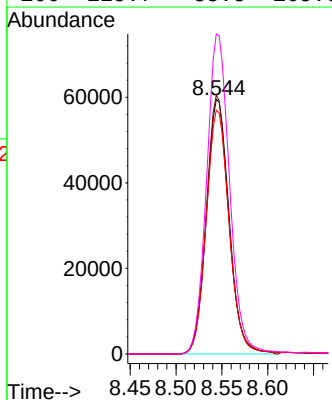
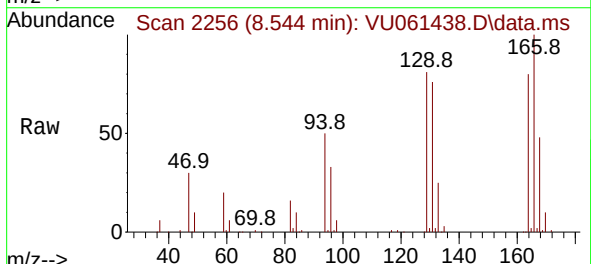
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	214.3	61.2	113.6#
85	34.2	38.1	70.7#

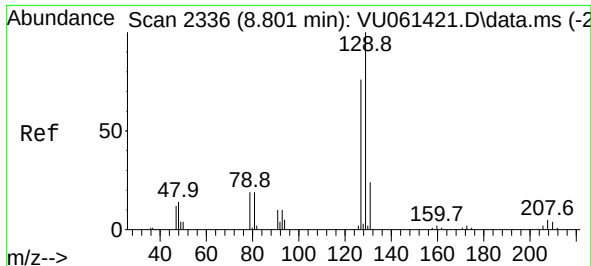


#47
Tetrachloroethene
Concen: 12.041 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061438.D
Acq: 05 Nov 2024 04:36

Tgt Ion:164 Resp: 102501

Ion	Ratio	Lower	Upper
164	100		
129	101.7	69.9	129.7
131	95.8	68.3	126.8
166	125.7	88.8	165.0





#49

Dibromochloromethane

Concen: 11.117 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061438.D

Acq: 05 Nov 2024 04:36

Instrument :

MSVOA_U

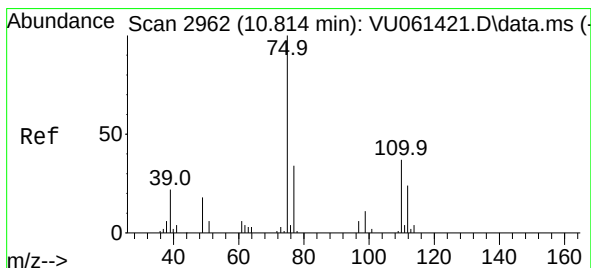
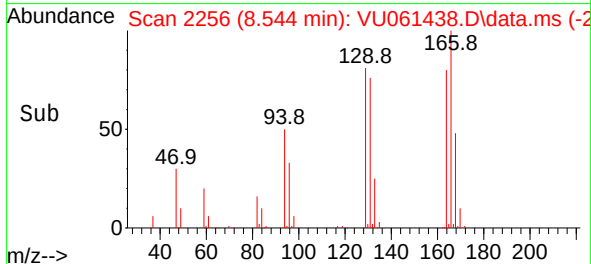
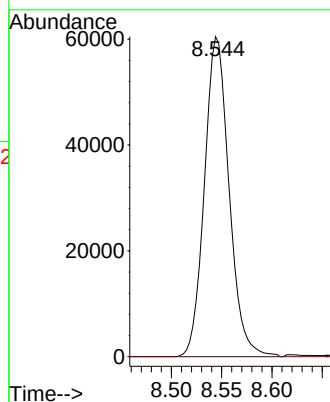
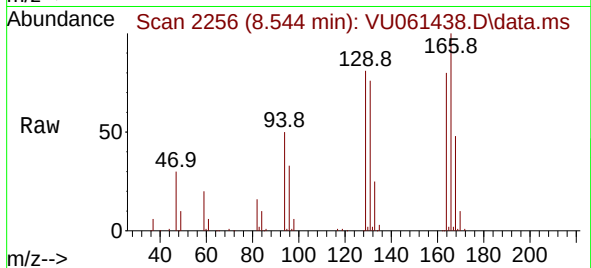
ClientSampleId :

Tgt Ion:129 Resp: 103057

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.225 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061438.D

Acq: 05 Nov 2024 04:36

Tgt Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

110 0.8 28.8 43.2#

77 33.3 25.7 38.5

