

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058438.D
 Acq On : 05 Apr 2024 23:01
 Operator : MD/SY
 Sample : P1970-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 05:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

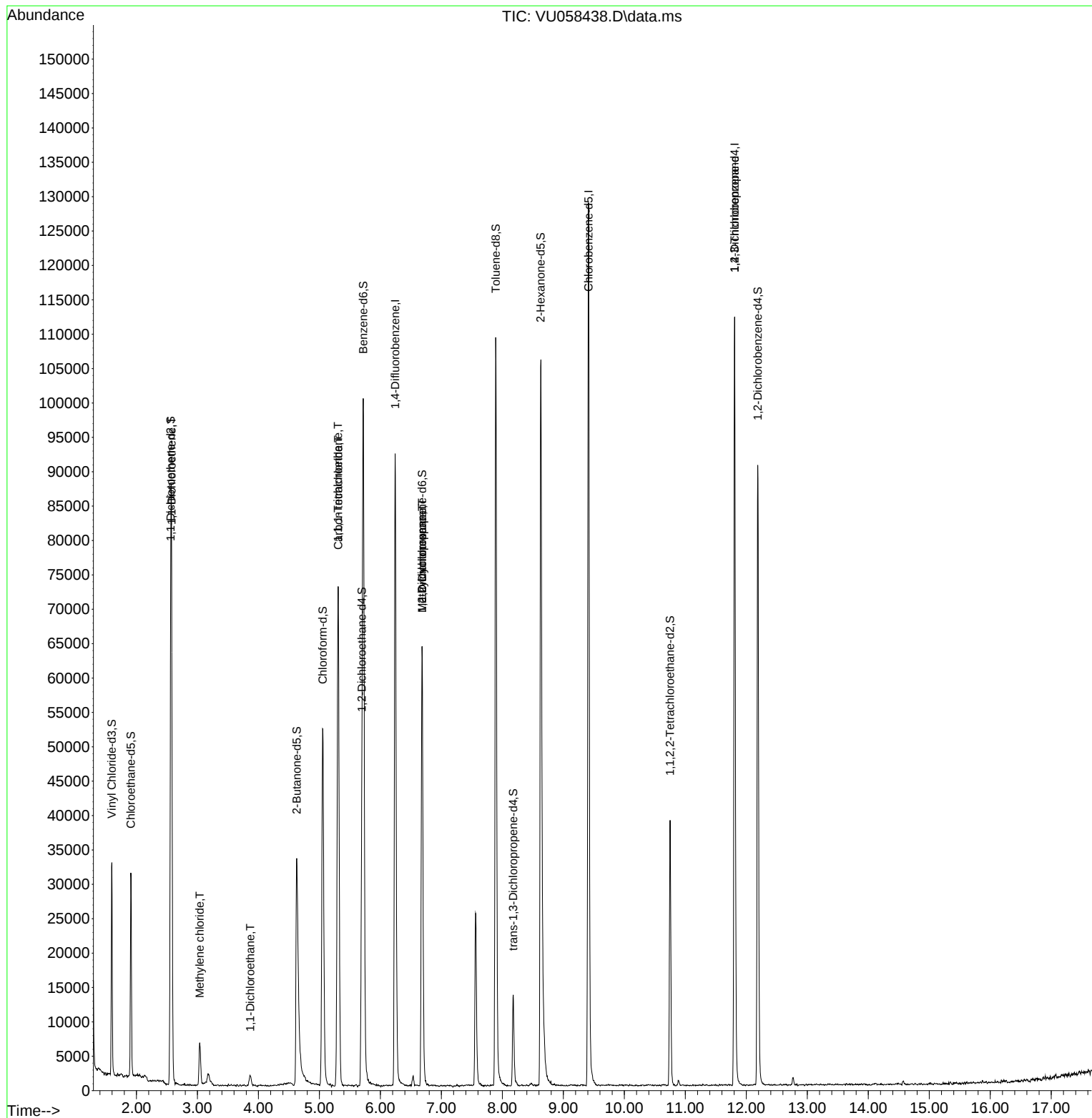
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21325	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.907	69	20274	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.560	65	9563	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.628	46	54370	53.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	5.052	84	48039	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	24411	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.718	84	93641	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	30430	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.891	98	75378	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	8192	4.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	38382	50.650	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19461	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	23940	4.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	18086	3.485	ug/L	98
16) Methylene chloride	3.036	84	3149	0.457	ug/L	97
19) 1,1-Dichloroethane	3.866	63	2393	0.202	ug/L #	87
29) 1,1,1-Trichloroethane	5.306	97	51489	5.478	ug/L	99
31) Carbon tetrachloride	5.309	117	6412	0.806	ug/L	97
35) Methylcyclohexane	6.685	83	6551	0.679	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3244	0.485	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4093	1.335	ug/L #	70

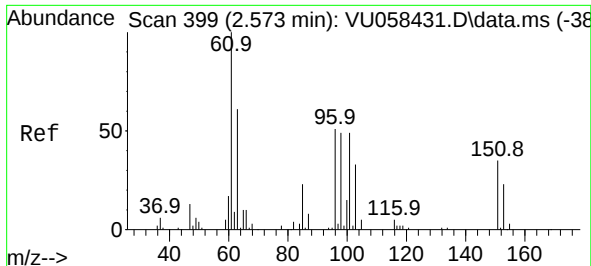
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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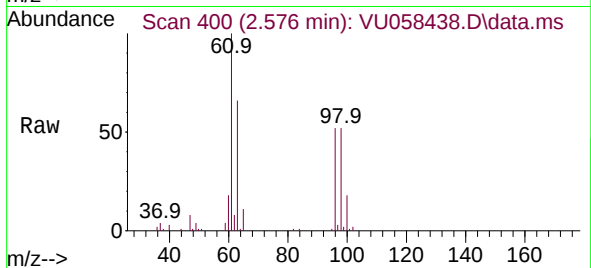
Quant Time: Apr 06 05:58:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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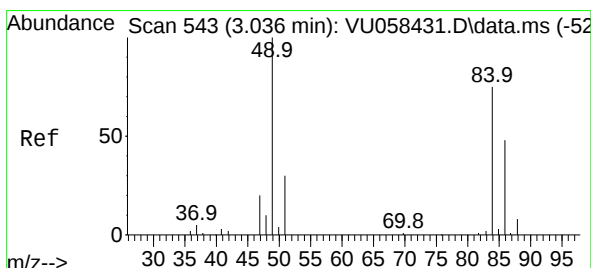
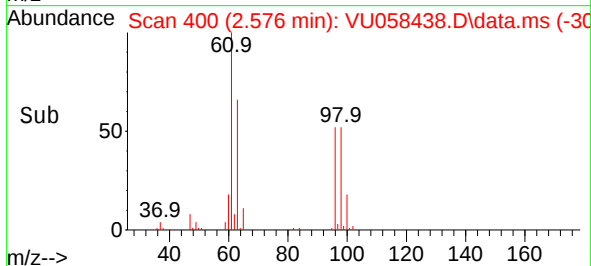
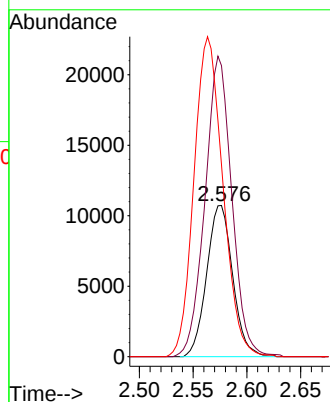


#12
1,1-Dichloroethene
Concen: 3.485 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

Instrument :
MSVOA_U
ClientSampleId :

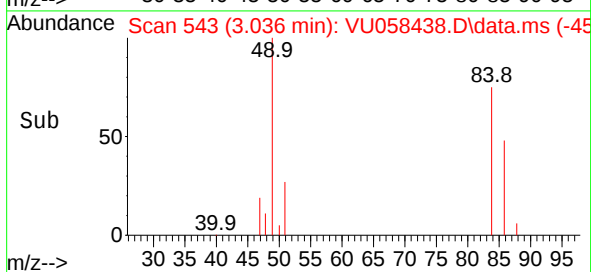
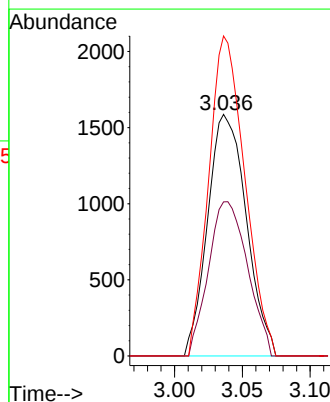
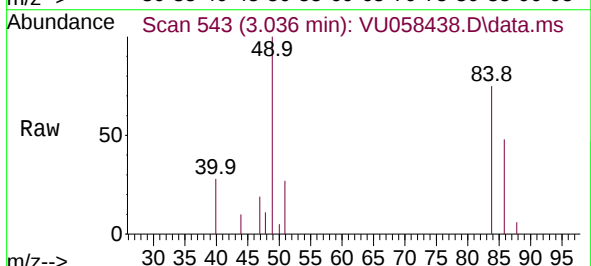


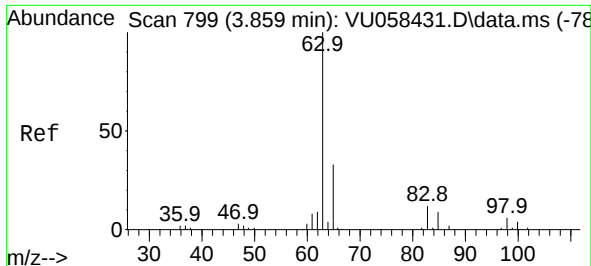
Tgt Ion: 96 Resp: 18086
Ion Ratio Lower Upper
96 100
61 192.6 132.5 246.1
63 127.1 87.7 162.9



#16
Methylene chloride
Concen: 0.457 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

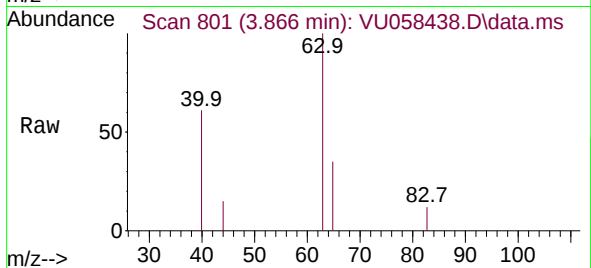
Tgt Ion: 84 Resp: 3149
Ion Ratio Lower Upper
84 100
86 63.8 44.3 82.3
49 132.5 96.0 178.2



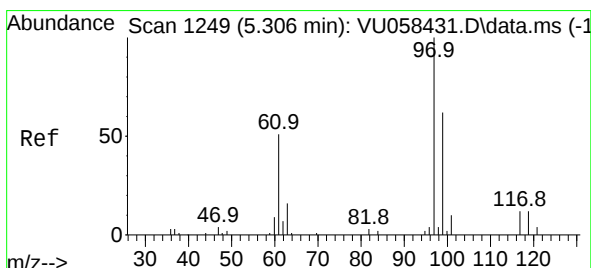
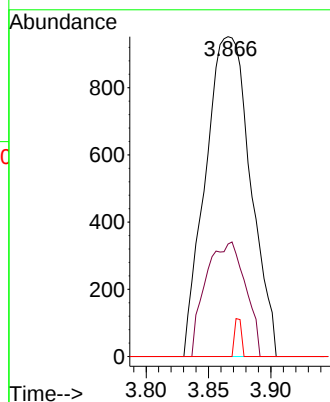
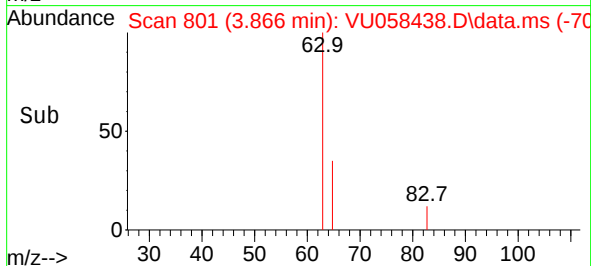


#19
1,1-Dichloroethane
Concen: 0.202 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

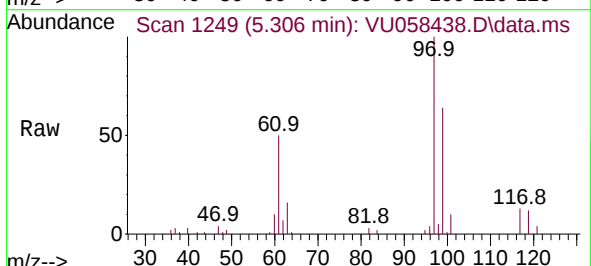
Instrument :
MSVOA_U
ClientSampleId :



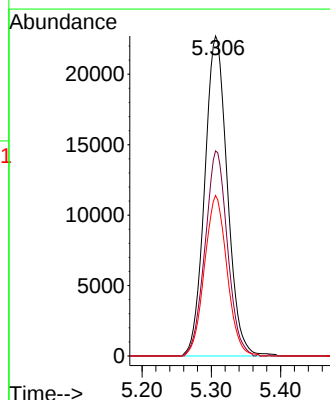
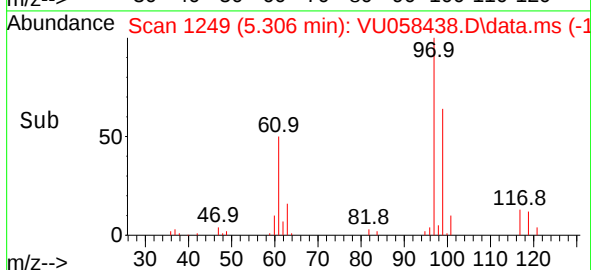
Tgt Ion: 63 Resp: 2393
Ion Ratio Lower Upper
63 100
65 35.2 22.9 42.5
83 0.0 9.6 17.8#

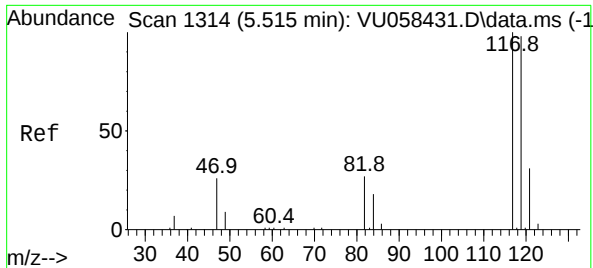


#29
1,1,1-Trichloroethane
Concen: 5.478 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01



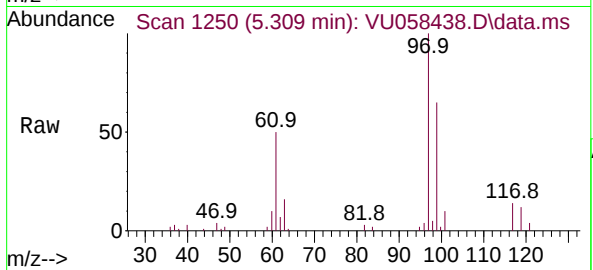
Tgt Ion: 97 Resp: 51489
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 49.9 39.4 59.0



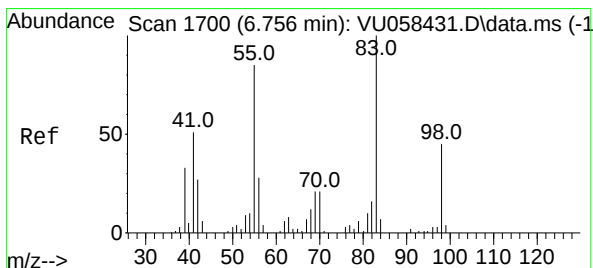
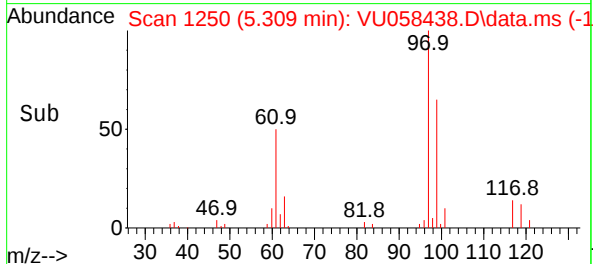
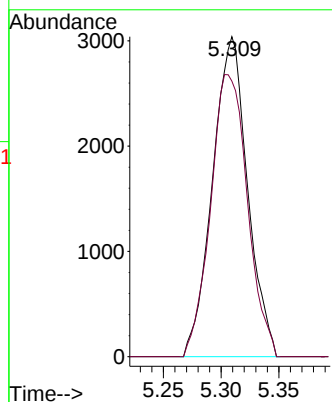


#31
Carbon tetrachloride
Concen: 0.806 ug/L
RT: 5.309 min Scan# 1678
Delta R.T. -0.206 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

Instrument :
MSVOA_U
ClientSampleId :

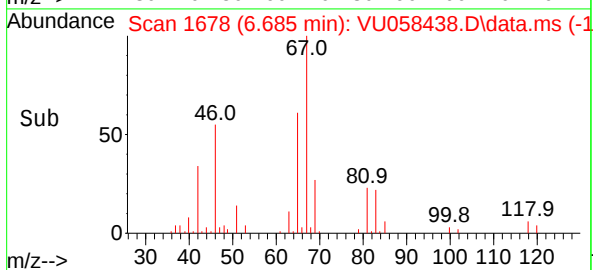
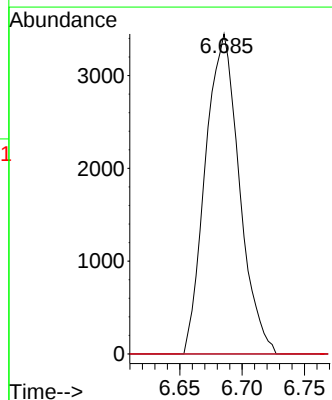
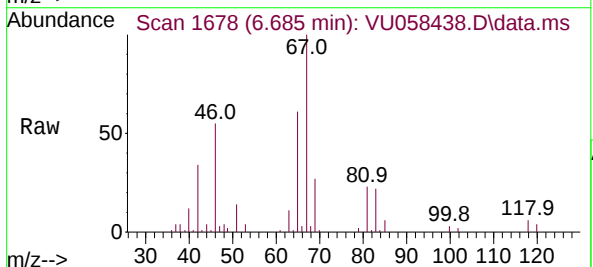


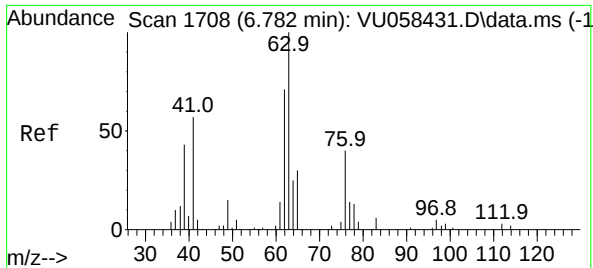
Tgt Ion:117 Resp: 6412
Ion Ratio Lower Upper
117 100
119 92.7 76.7 115.1



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

Tgt Ion: 83 Resp: 6551
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.7 34.6 52.0#

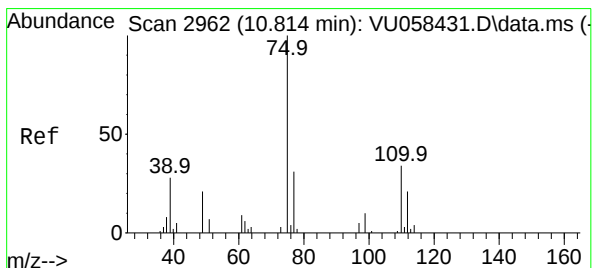
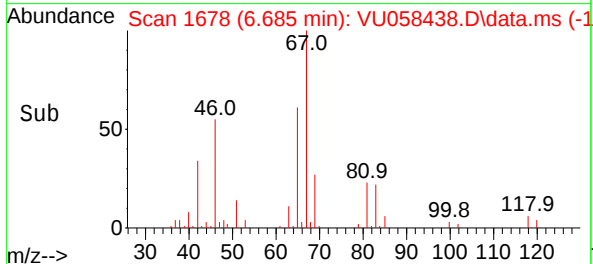
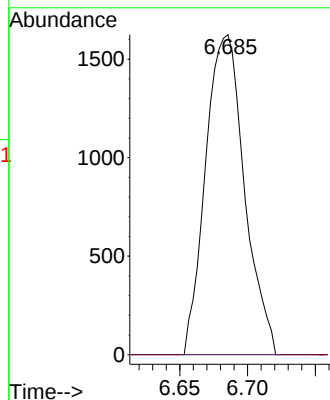
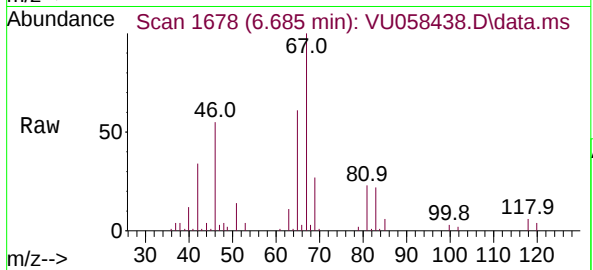




#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3244
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.335 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU058438.D
Acq: 05 Apr 2024 23:01

Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.8 25.1 37.7

