

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058556.D
 Acq On : 10 Apr 2024 13:47
 Operator : MD/SY
 Sample : P1970-19 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:30:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

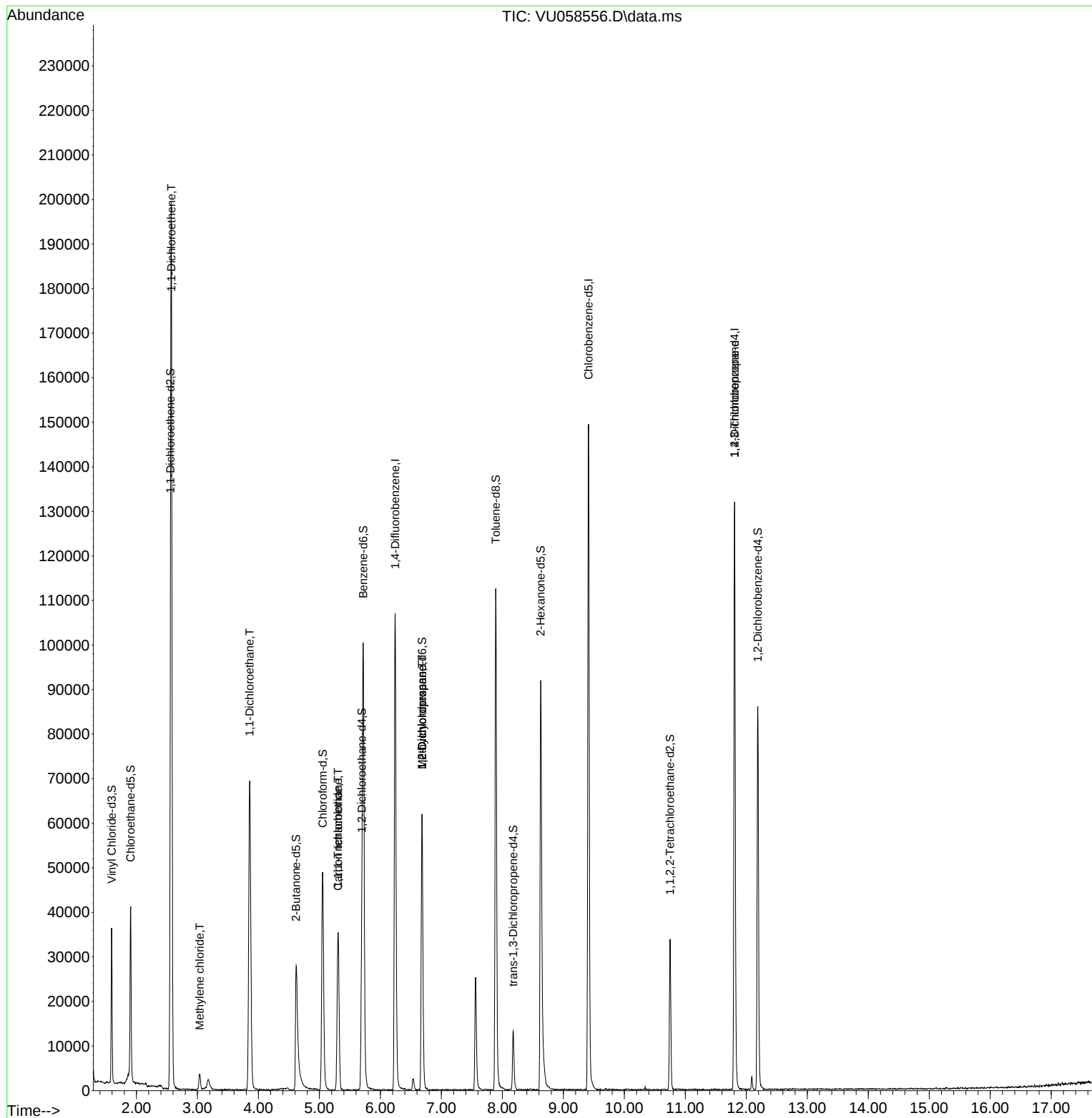
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23439	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.904	69	24527	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.557	65	11130	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.618	46	45383	38.922	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.840%
24) Chloroform-d	5.052	84	46668	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.695	65	23114	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	93153	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	28956	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	74533	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	7935	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.628	63	31392	36.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17389	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	21968	3.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	52656	8.891	ug/L	89
16) Methylene chloride	3.036	84	1512	0.192	ug/L	96
19) 1,1-Dichloroethane	3.856	63	82215	6.068	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	25210	2.366	ug/L	97
31) Carbon tetrachloride	5.303	117	3076	0.341	ug/L	99
35) Methylcyclohexane	6.682	83	6234	0.570	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3316	0.437	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4637	1.358	ug/L #	69

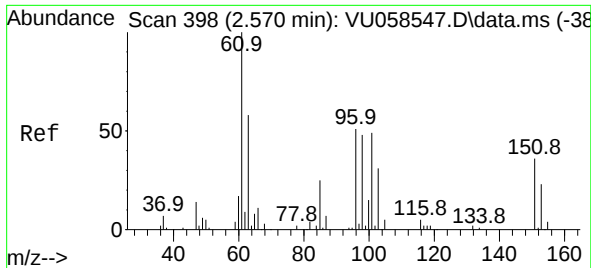
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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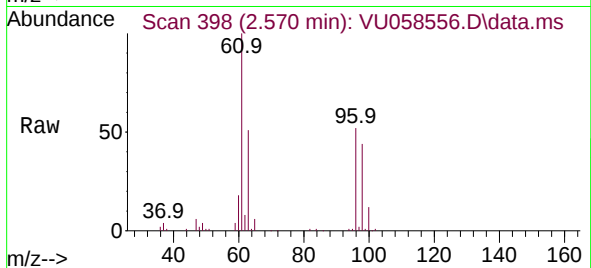
Quant Time: Apr 11 01:30:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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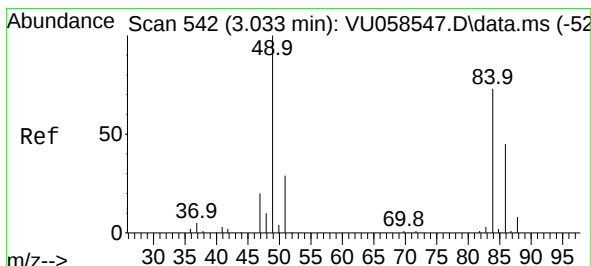
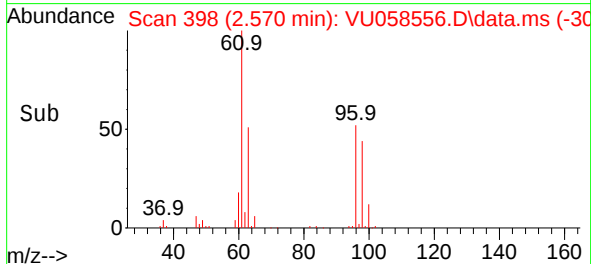
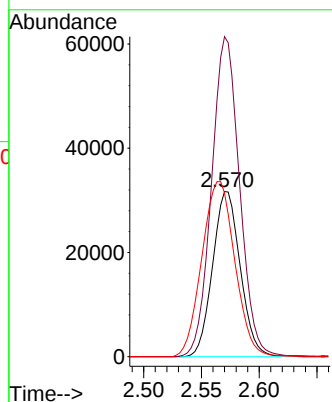


#12
1,1-Dichloroethene
Concen: 8.891 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

Instrument :
MSVOA_U
ClientSampleId :

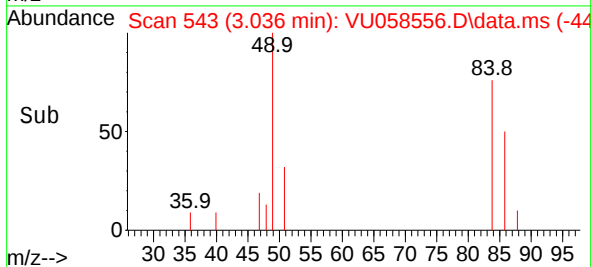
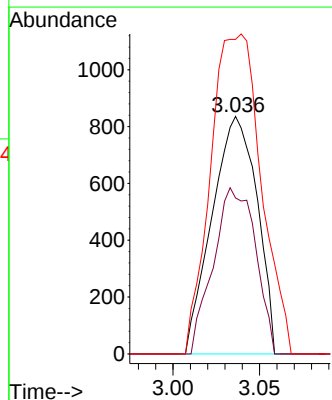
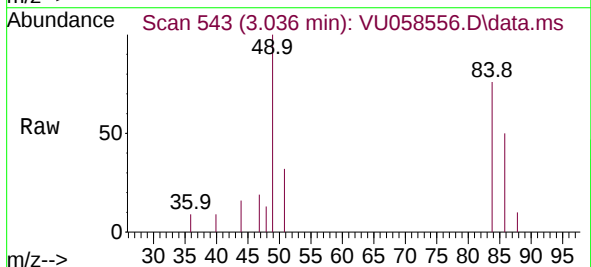


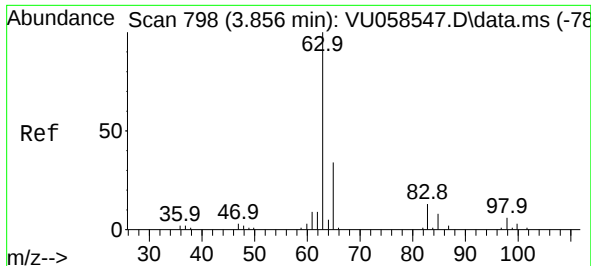
Tgt Ion: 96 Resp: 52656
Ion Ratio Lower Upper
96 100
61 193.9 132.5 246.1
63 99.1 87.7 162.9



#16
Methylene chloride
Concen: 0.192 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

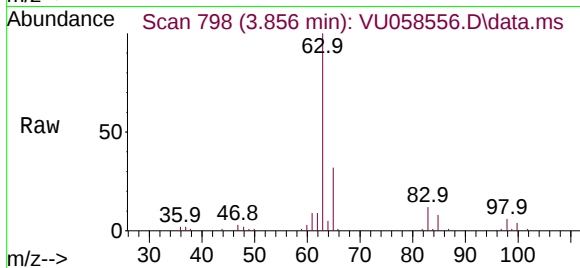
Tgt Ion: 84 Resp: 1512
Ion Ratio Lower Upper
84 100
86 65.7 44.3 82.3
49 132.4 96.0 178.2



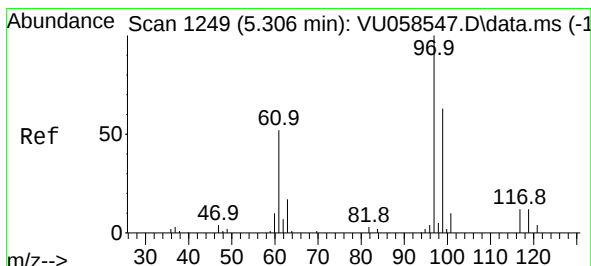
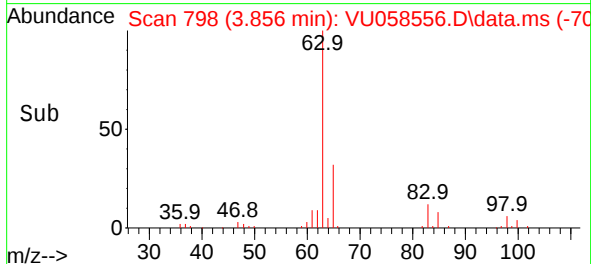
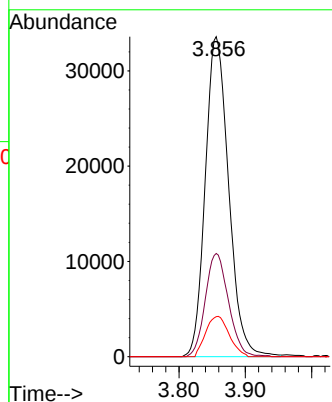


#19
1,1-Dichloroethane
Concen: 6.068 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

Instrument :
MSVOA_U
ClientSampleId :

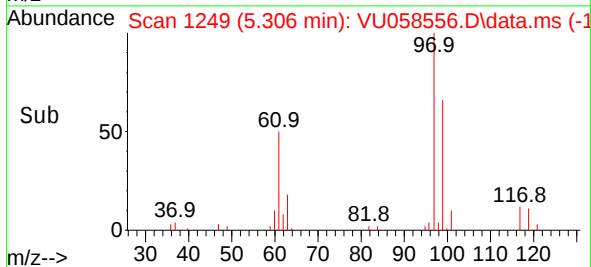
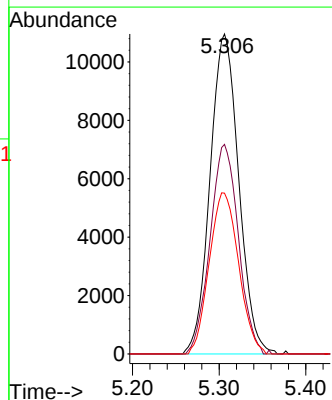
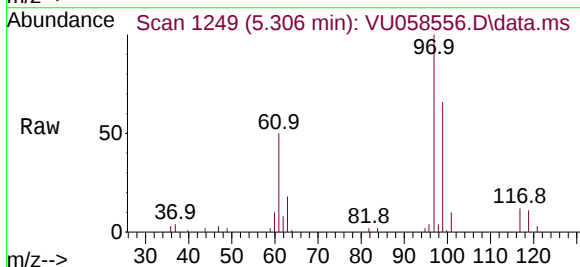


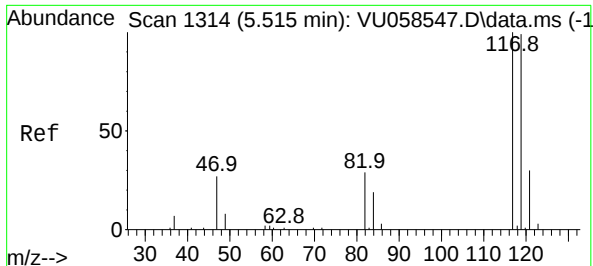
Tgt Ion: 63 Resp: 82215
Ion Ratio Lower Upper
63 100
65 32.9 22.9 42.5
83 12.5 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 2.366 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

Tgt Ion: 97 Resp: 25210
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 51.6 39.4 59.0

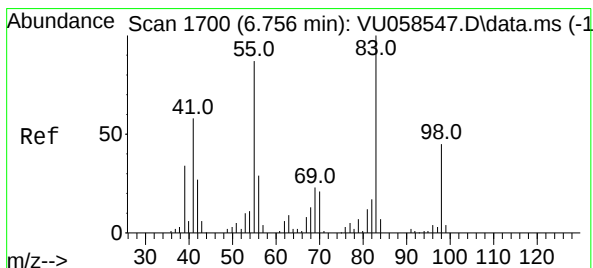
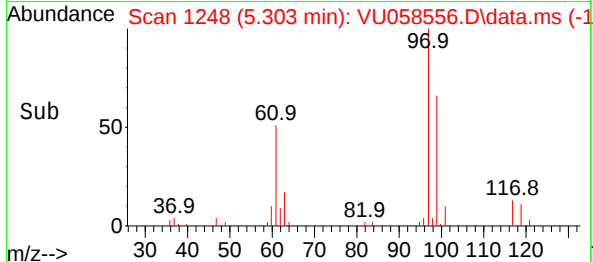
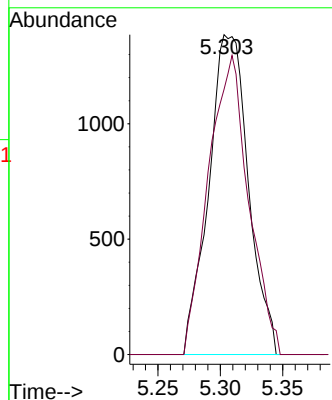
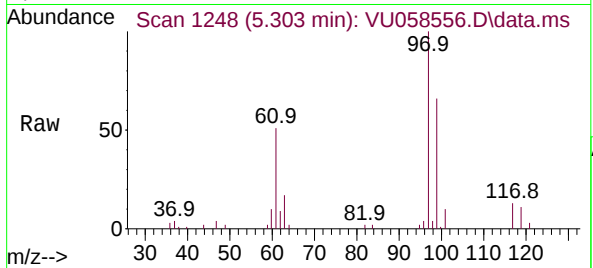




#31
Carbon tetrachloride
Concen: 0.341 ug/L
RT: 5.303 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

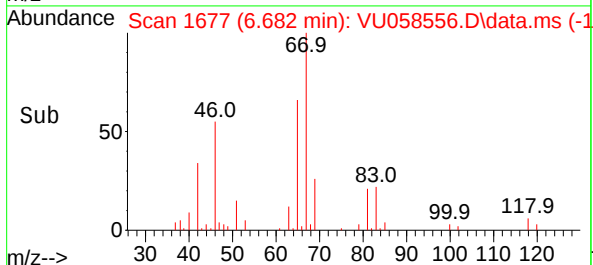
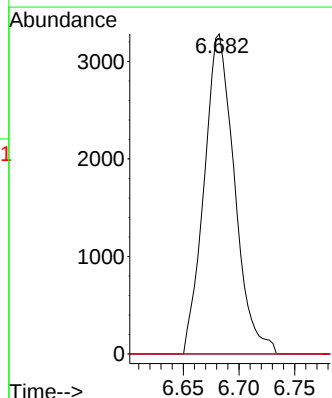
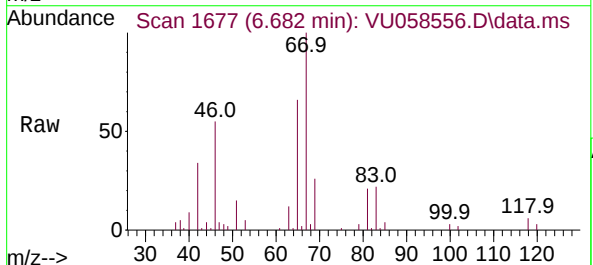
Instrument :
MSVOA_U
ClientSampleId :

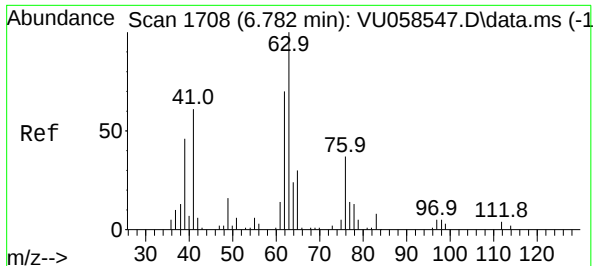
Tgt Ion:117 Resp: 3076
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1



#35
Methylcyclohexane
Concen: 0.570 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

Tgt Ion: 83 Resp: 6234
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.6 34.6 52.0#

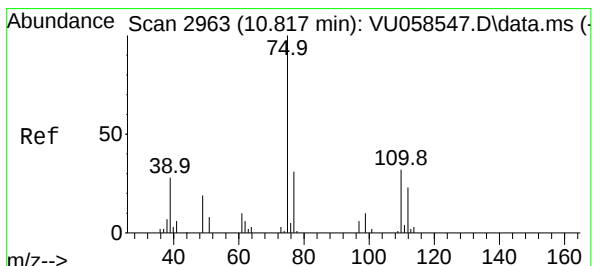
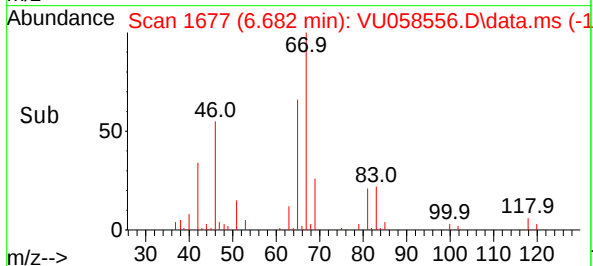
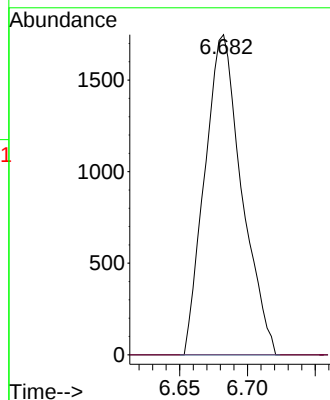
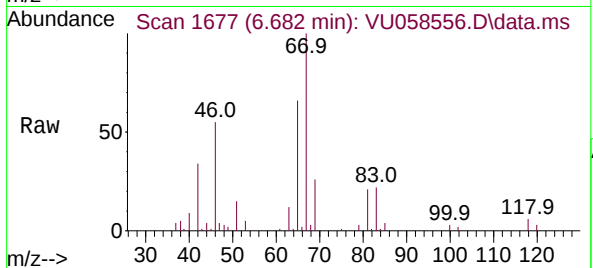




#37
1,2-Dichloropropane
Concen: 0.437 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3316
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.358 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058556.D
Acq: 10 Apr 2024 13:47

Tgt Ion: 75 Resp: 4637
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 33.1 25.1 37.7

