

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058475.D
 Acq On : 08 Apr 2024 17:48
 Operator : MD/SY
 Sample : P1948-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:27:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

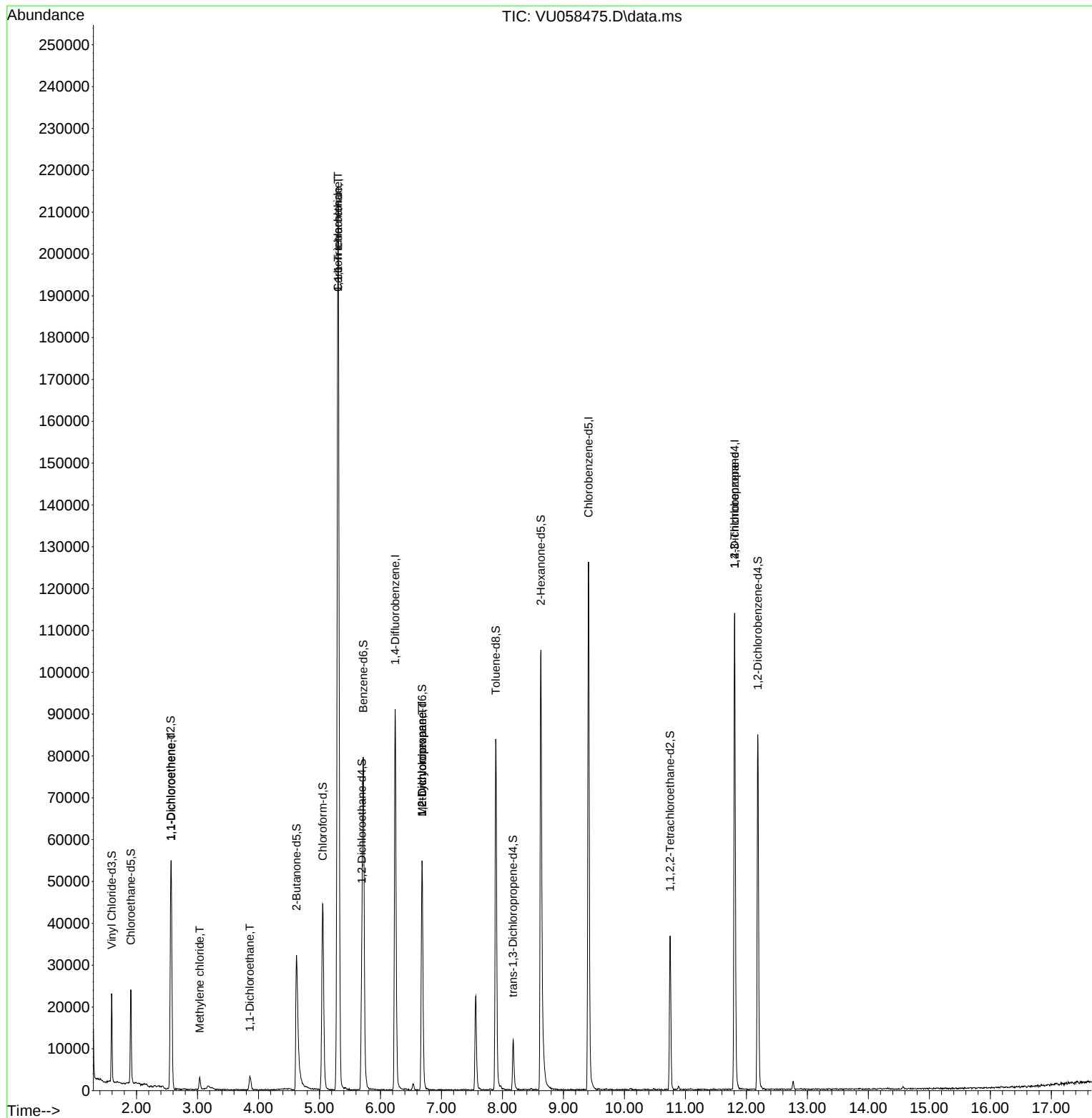
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13994	3.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.907	69	15186	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	6552	3.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.624	46	52897	54.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.860%
24) Chloroform-d	5.055	84	42122	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	21103	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.717	84	71498	3.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.682	67	26466	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	57211	3.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.174	79	7517	4.186	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	36460	49.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19220	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	21769	4.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	10447	2.116	ug/L	87
16) Methylene chloride	3.036	84	1244	0.190	ug/L	98
19) 1,1-Dichloroethane	3.859	63	4501	0.399	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	147840	16.094	ug/L	98
31) Carbon tetrachloride	5.306	117	18445	2.371	ug/L	98
35) Methylcyclohexane	6.682	83	5971	0.633	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2914	0.446	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4198	1.370	ug/L #	70

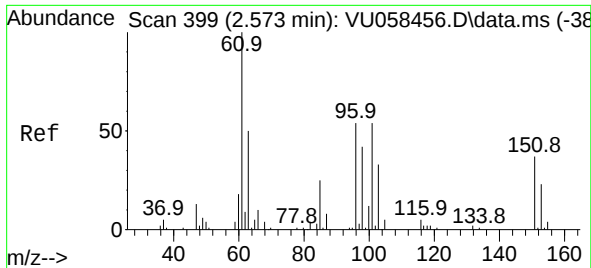
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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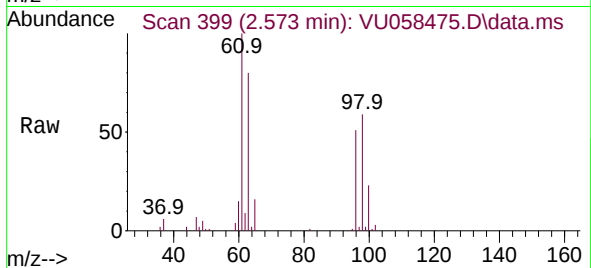
Quant Time: Apr 09 04:27:19 2024
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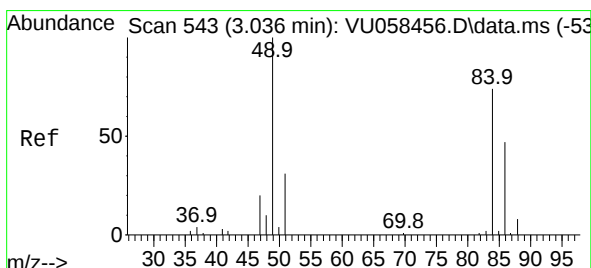
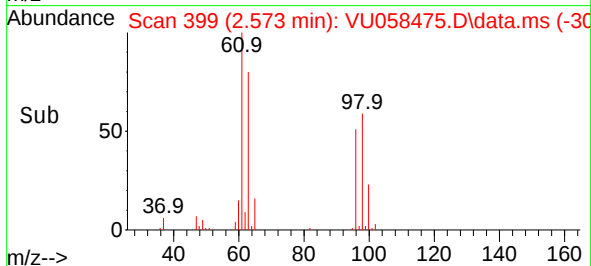
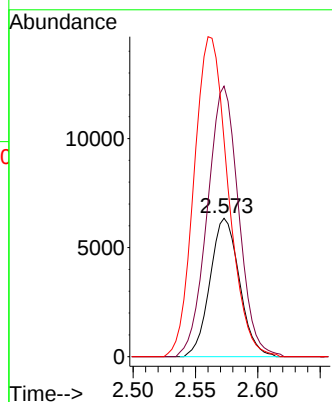


#12
1,1-Dichloroethene
Concen: 2.116 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058475.D
Acq: 08 Apr 2024 17:48

Instrument :
MSVOA_U
ClientSampleId :

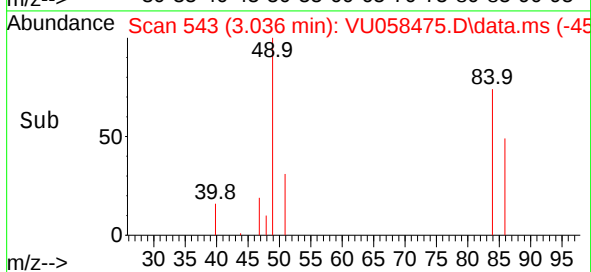
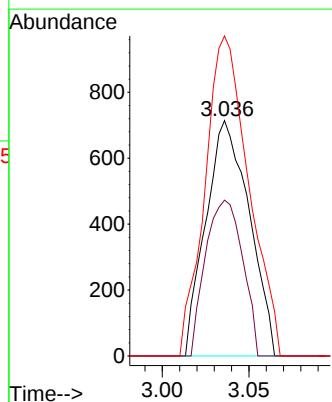
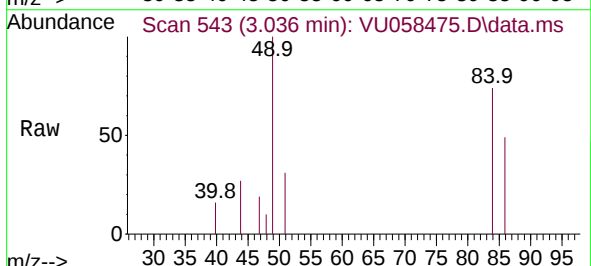


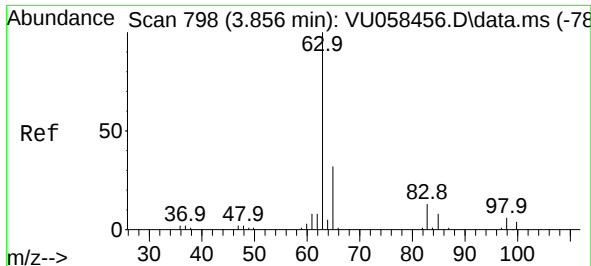
Tgt Ion: 96 Resp: 10447
Ion Ratio Lower Upper
96 100
61 195.5 132.5 246.1
63 156.6 87.7 162.9



#16
Methylene chloride
Concen: 0.190 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058475.D
Acq: 08 Apr 2024 17:48

Tgt Ion: 84 Resp: 1244
Ion Ratio Lower Upper
84 100
86 66.2 44.3 82.3
49 136.0 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.399 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058475.D

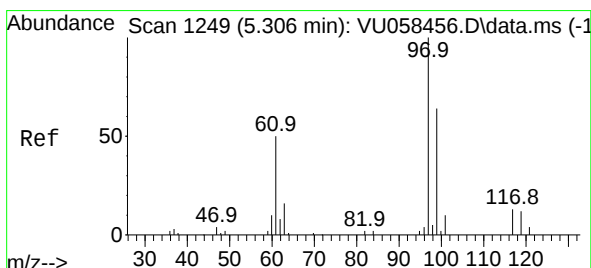
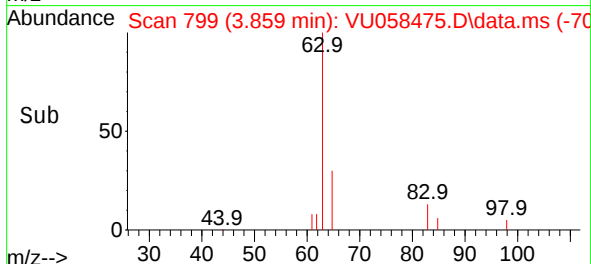
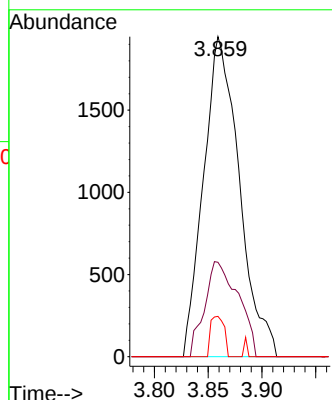
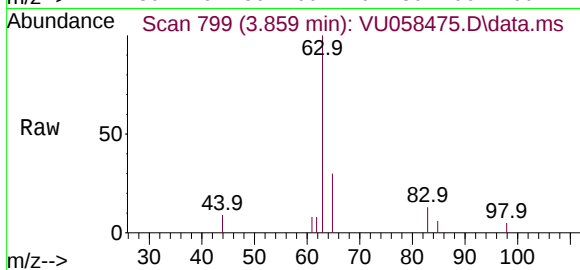
Acq: 08 Apr 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 4501
Ion Ratio	Lower Upper
63	100
65	29.5 22.9 42.5
83	12.6 9.6 17.8



#29

1,1,1-Trichloroethane

Concen: 16.094 ug/L

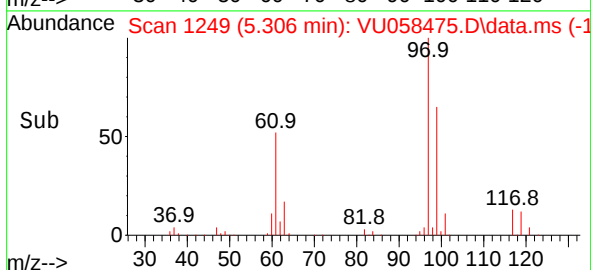
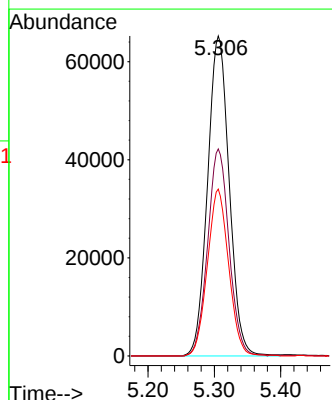
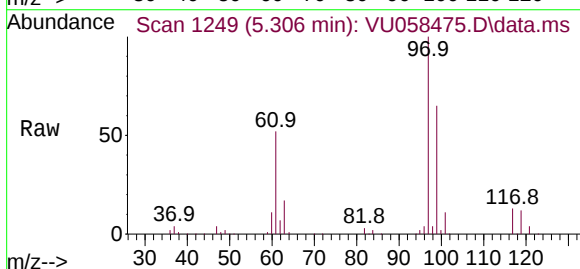
RT: 5.306 min Scan# 1249

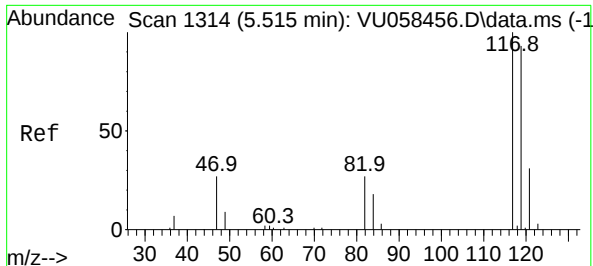
Delta R.T. 0.000 min

Lab File: VU058475.D

Acq: 08 Apr 2024 17:48

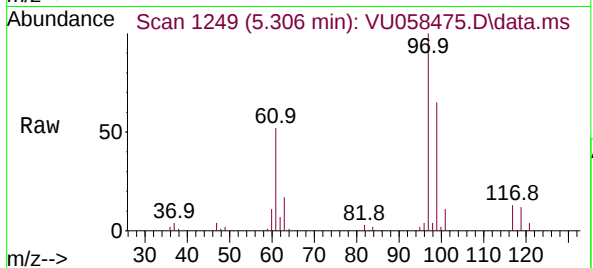
Tgt Ion: 97	Resp: 147840
Ion Ratio	Lower Upper
97	100
99	64.0 50.4 75.6
61	51.3 39.4 59.0



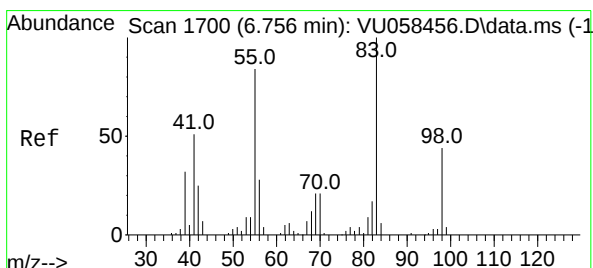
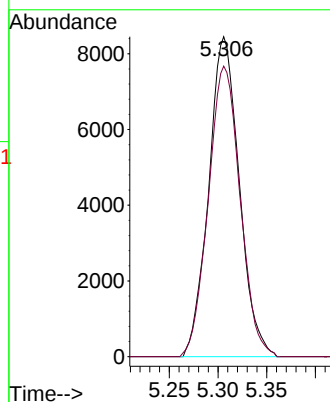
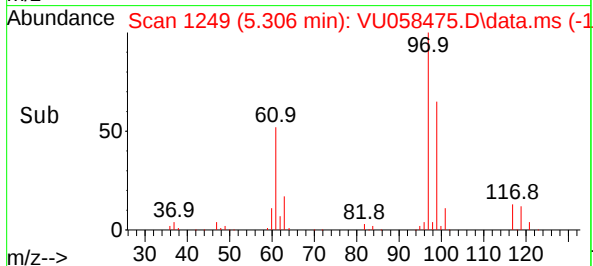


#31
Carbon tetrachloride
Concen: 2.371 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU058475.D
Acq: 08 Apr 2024 17:48

Instrument :
MSVOA_U
ClientSampleId :

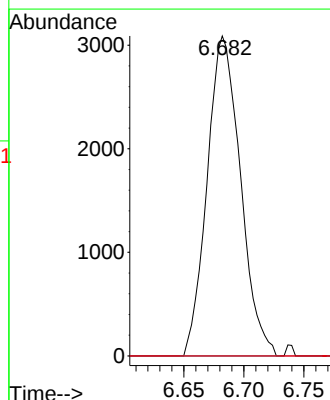
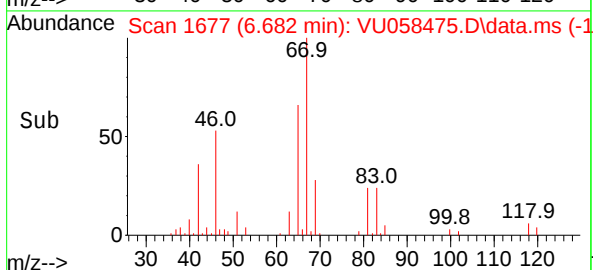
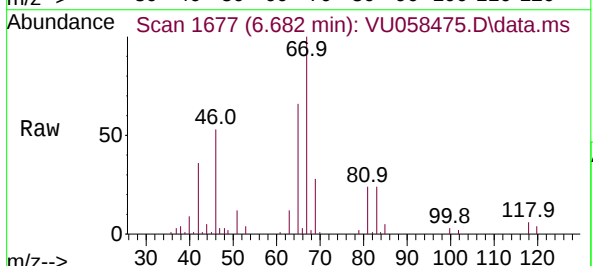


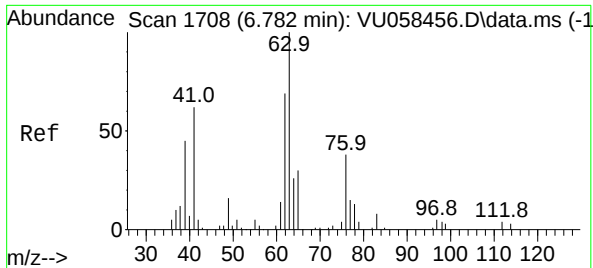
Tgt Ion:117 Resp: 18445
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1



#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058475.D
Acq: 08 Apr 2024 17:48

Tgt Ion: 83 Resp: 5971
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

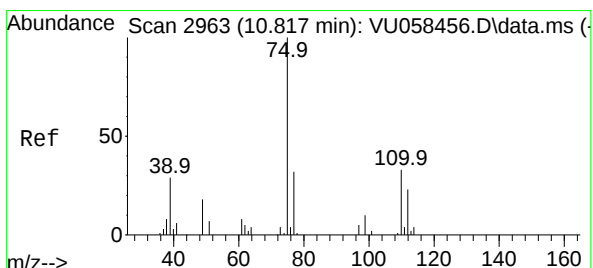
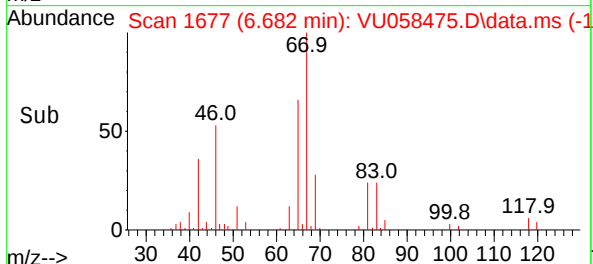
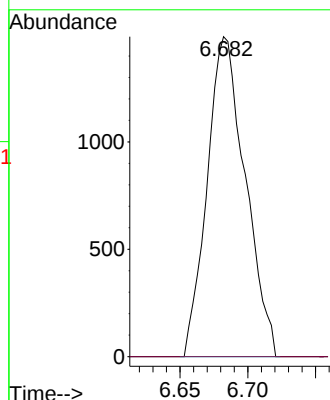
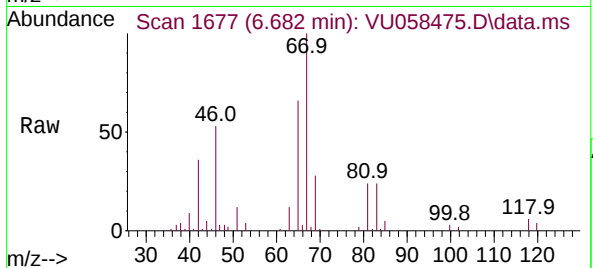




#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058475.D
Acq: 08 Apr 2024 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2914
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.370 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058475.D
Acq: 08 Apr 2024 17:48

Tgt Ion: 75 Resp: 4198
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.5 25.1 37.7

