

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058477.D
 Acq On : 08 Apr 2024 18:35
 Operator : MD/SY
 Sample : P1948-19DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:27:45 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)

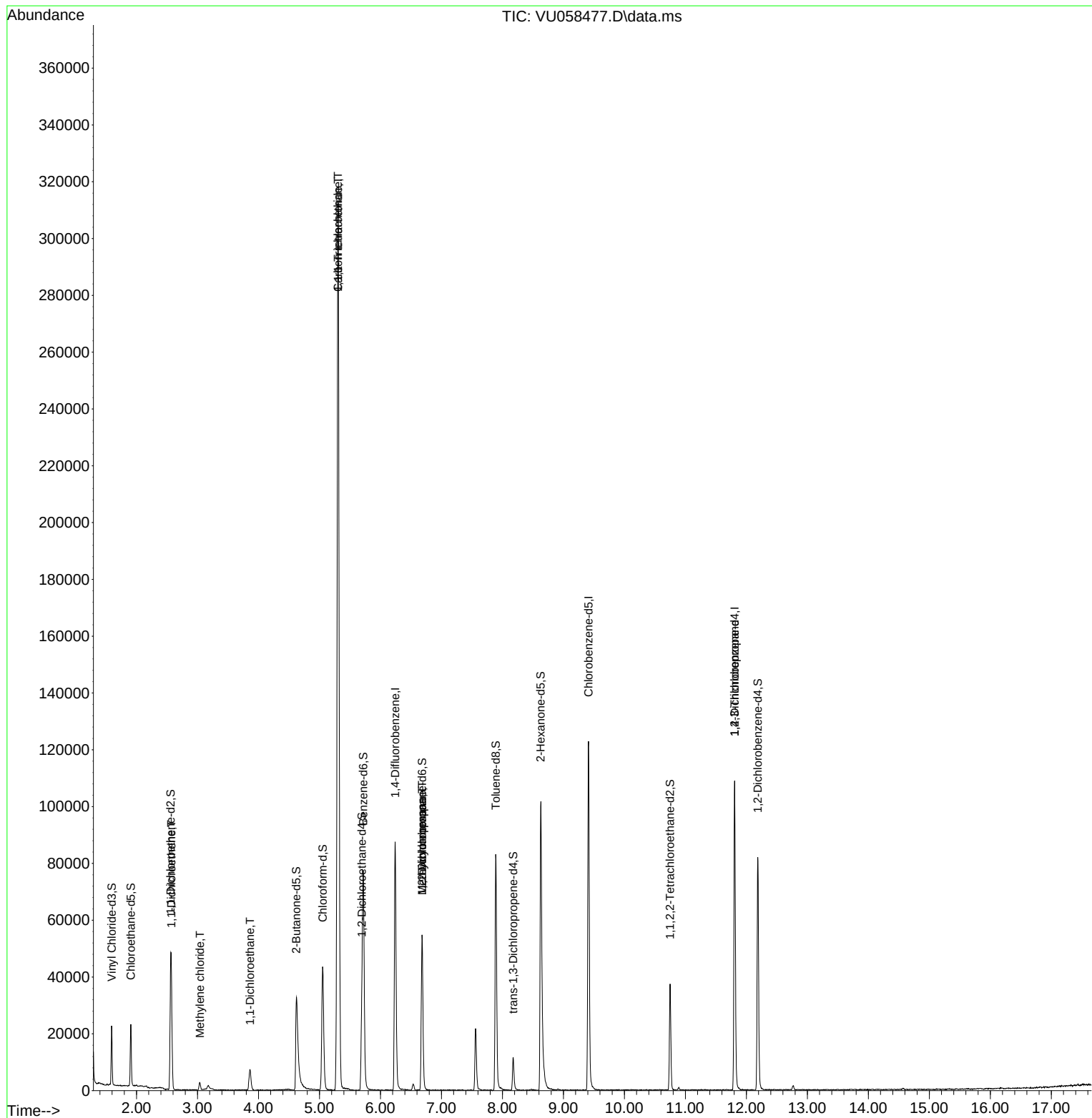
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14010	3.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.907	69	14925	3.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.560	65	6725	3.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.621	46	54568	56.675	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	5.052	84	41144	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	20437	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	69980	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.682	67	26241	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	56794	3.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.177	79	6929	3.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.627	63	36212	50.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19083	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	22111	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	8751	1.789	ug/L	86
16) Methylene chloride	3.039	84	1156	0.178	ug/L	93
19) 1,1-Dichloroethane	3.862	63	9218	0.824	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	217702	24.479	ug/L	97
31) Carbon tetrachloride	5.306	117	26927	3.575	ug/L	99
35) Methylcyclohexane	6.685	83	5694	0.624	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3014	0.476	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3796	1.298	ug/L #	66

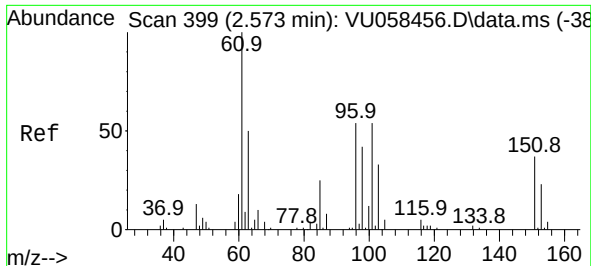
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.789 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

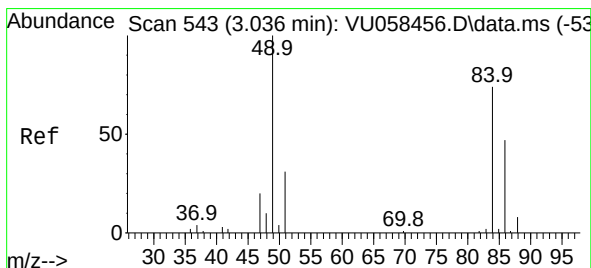
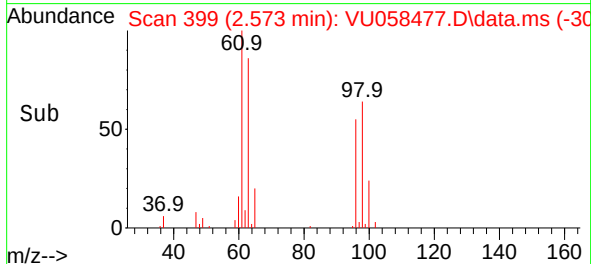
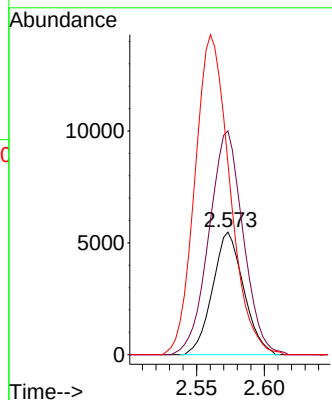
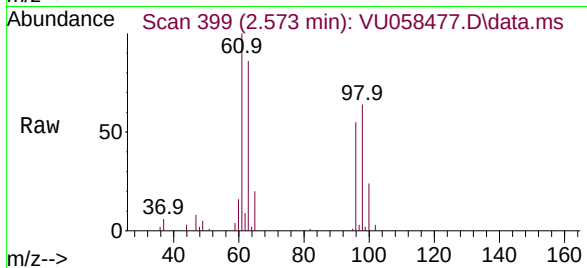
Tgt Ion: 96 Resp: 8751

Ion Ratio Lower Upper

96 100

61 182.8 132.5 246.1

63 156.9 87.7 162.9



#16

Methylene chloride

Concen: 0.178 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058477.D

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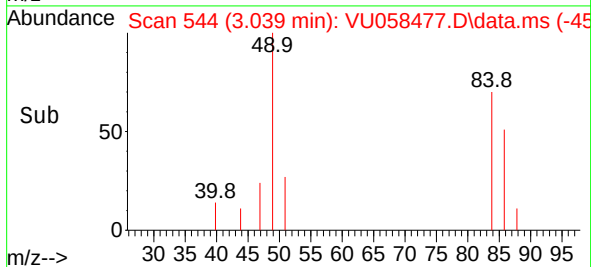
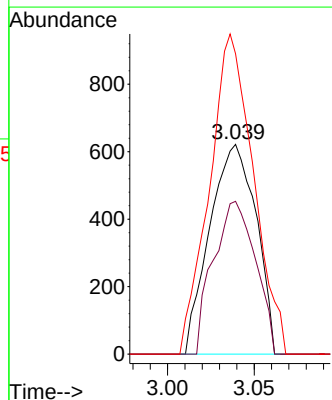
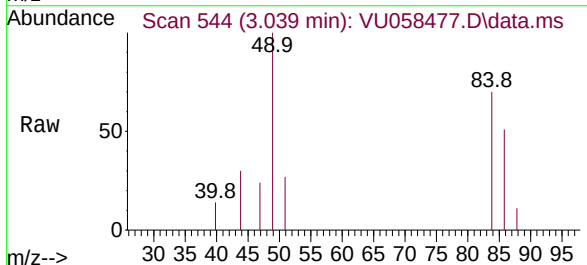
Tgt Ion: 84 Resp: 1156

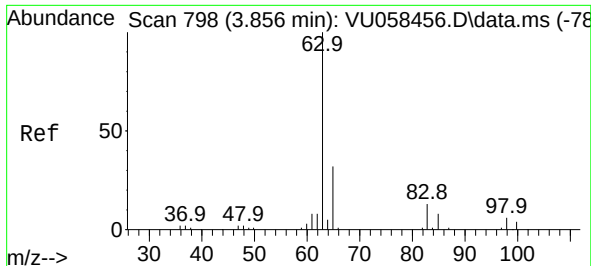
Ion Ratio Lower Upper

84 100

86 72.8 44.3 82.3

49 143.1 96.0 178.2

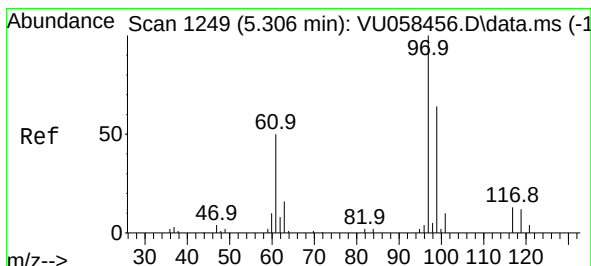
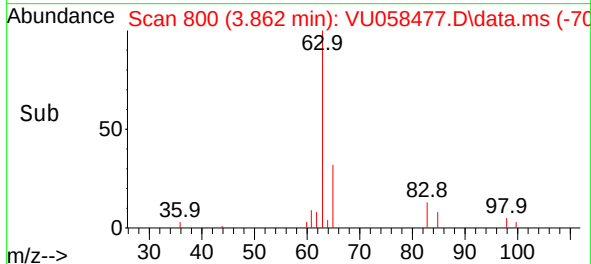
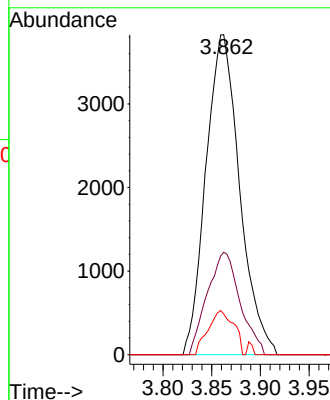
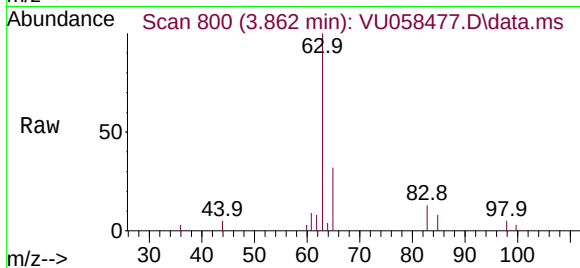




#19
1,1-Dichloroethane
Concen: 0.824 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.007 min
Lab File: VU058477.D
Acq: 08 Apr 2024 18:35

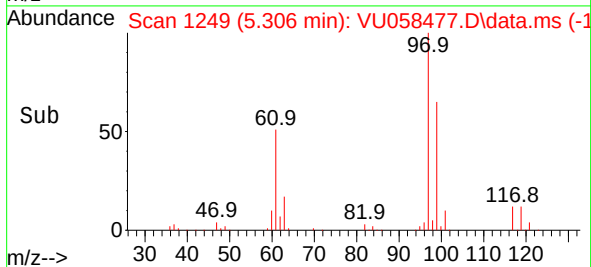
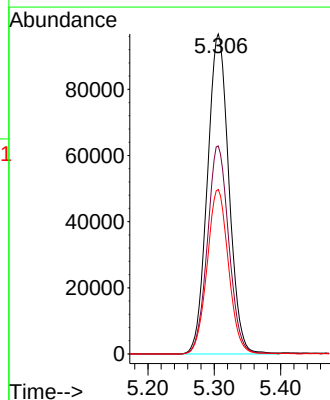
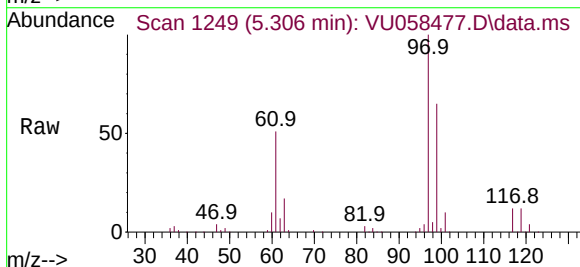
Instrument :
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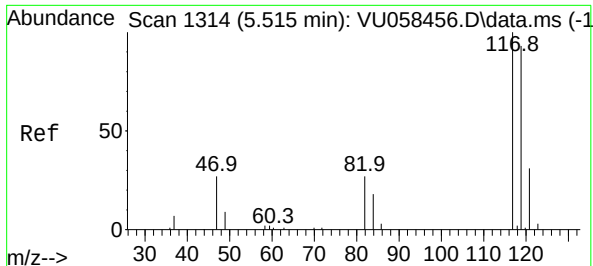
Tgt Ion: 63 Resp: 9218
Ion Ratio Lower Upper
63 100
65 32.0 22.9 42.5
83 12.7 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 24.479 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058477.D
Acq: 08 Apr 2024 18:35

Tgt Ion: 97 Resp: 217702
Ion Ratio Lower Upper
97 100
99 64.9 50.4 75.6
61 51.2 39.4 59.0

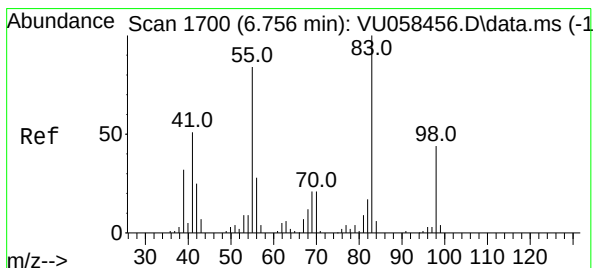
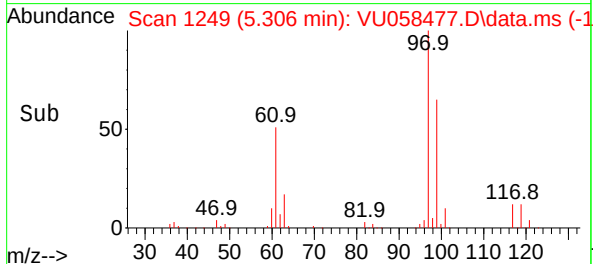
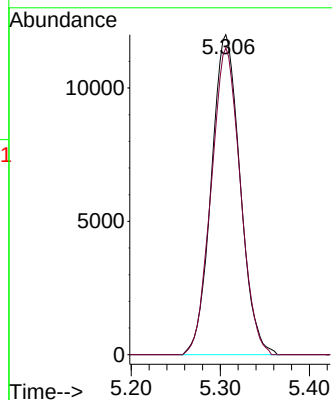
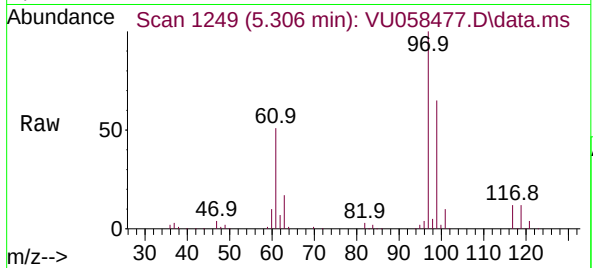




#31
Carbon tetrachloride
Concen: 3.575 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU058477.D
Acq: 08 Apr 2024 18:35

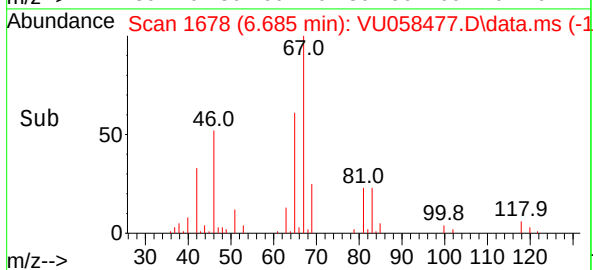
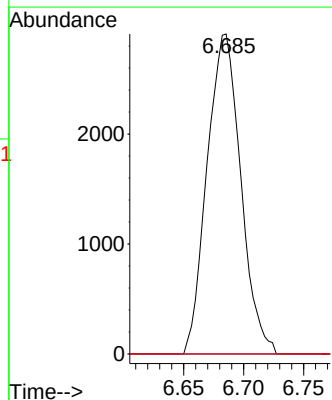
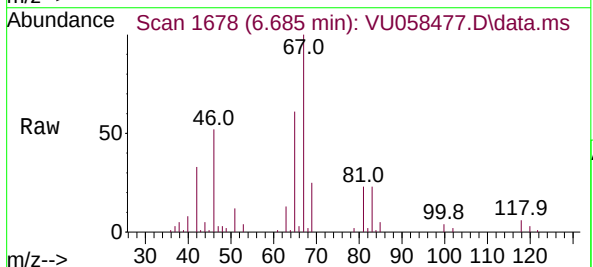
Instrument :
MSVOA_U
ClientSampleId :

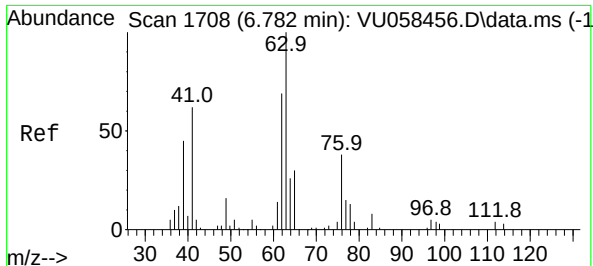
Tgt Ion:117 Resp: 26927
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1



#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058477.D
Acq: 08 Apr 2024 18:35

Tgt Ion: 83 Resp: 5694
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 1.5 34.6 52.0#

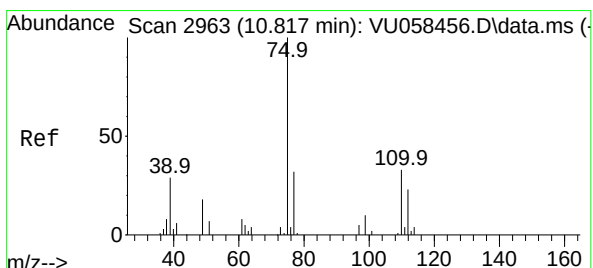
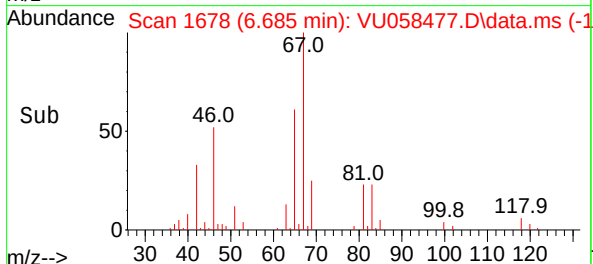
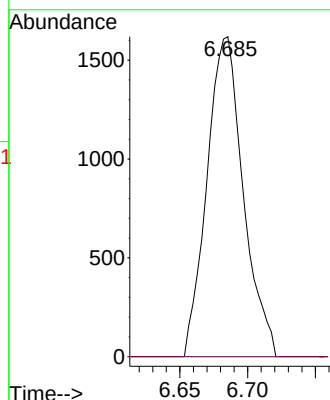
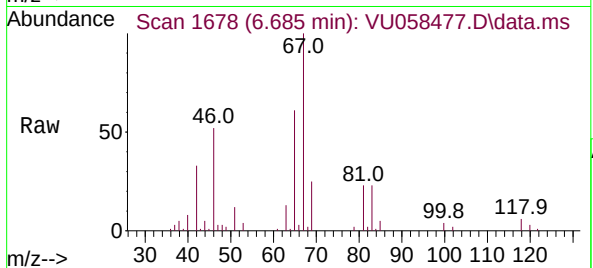




#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058477.D
Acq: 08 Apr 2024 18:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3014
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.298 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU058477.D
Acq: 08 Apr 2024 18:35

Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 36.3 25.1 37.7

