

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058478.D
 Acq On : 08 Apr 2024 18:58
 Operator : MD/SY
 Sample : P1948-15DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:27:58 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)

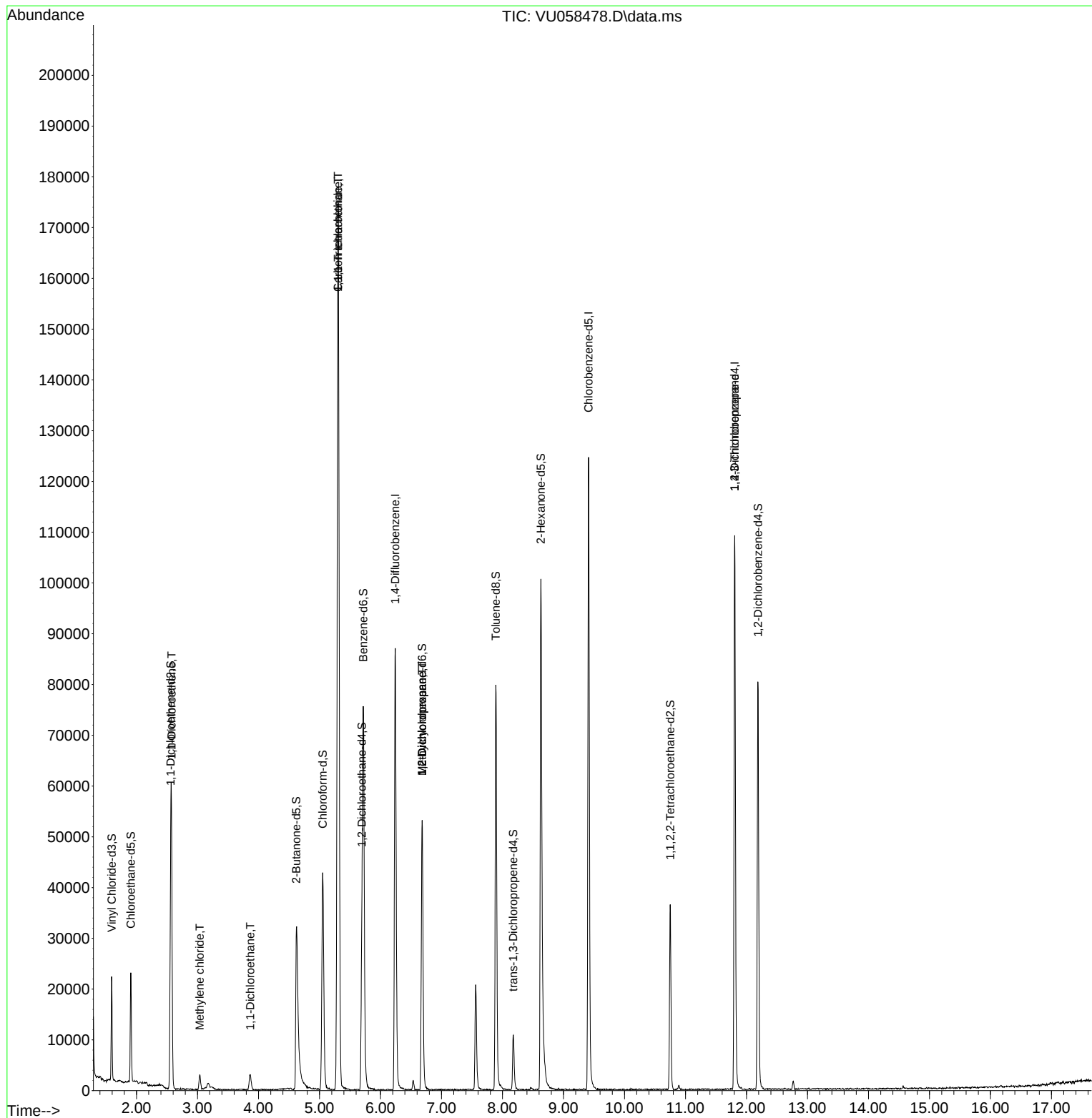
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69419	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13730	2.987	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	59.800%		
7) Chloroethane-d5	1.907	69	14452	3.618	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	72.400%		
11) 1,1-Dichloroethene-d2	2.560	65	6639	3.191	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	63.800%		
20) 2-Butanone-d5	4.621	46	53855	55.603	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	111.200%		
24) Chloroform-d	5.052	84	39985	4.358	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.200%		
26) 1,2-Dichloroethane-d4	5.695	65	20010	4.673	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.400%		
32) Benzene-d6	5.718	84	70426	3.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.400%		
36) 1,2-Dichloropropane-d6	6.682	67	25290	4.489	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	89.800%		
41) Toluene-d8	7.891	98	54473	3.419	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	68.400%#		
43) trans-1,3-Dichloroprop...	8.174	79	7292	4.170	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.400%		
46) 2-Hexanone-d5	8.627	63	34857	48.327	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.660%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18470	4.644	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	20980	4.349	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	87.000%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	12808	2.603	ug/L	93
16) Methylene chloride	3.036	84	1435	0.220	ug/L	94
19) 1,1-Dichloroethane	3.866	63	4446	0.395	ug/L #	85
29) 1,1,1-Trichloroethane	5.306	97	123557	13.811	ug/L	99
31) Carbon tetrachloride	5.306	117	15704	2.073	ug/L	96
35) Methylcyclohexane	6.682	83	5732	0.624	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2675	0.420	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3815	1.305	ug/L #	69

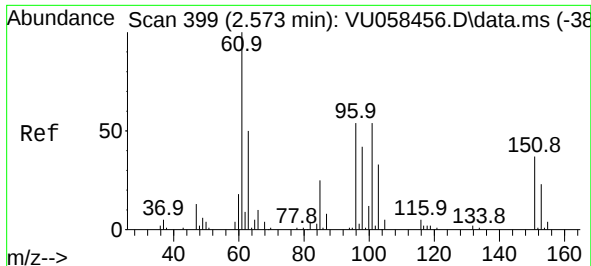
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.603 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058478.D

Acq: 08 Apr 2024 18:58

Instrument :

MSVOA_U

ClientSampleId :

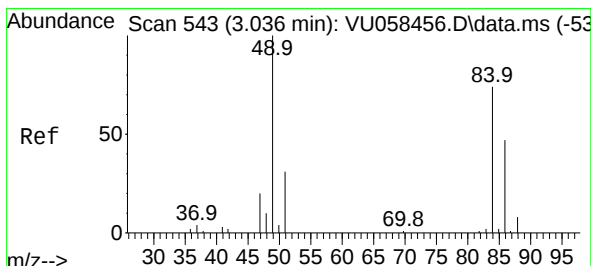
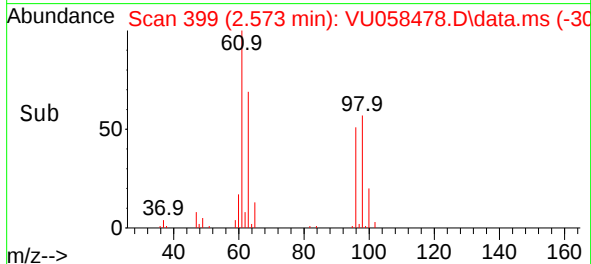
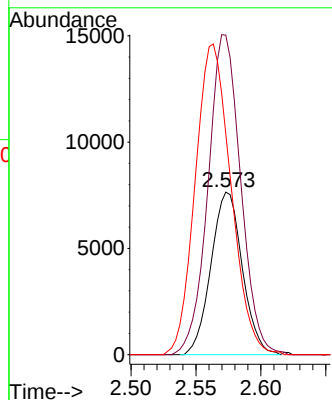
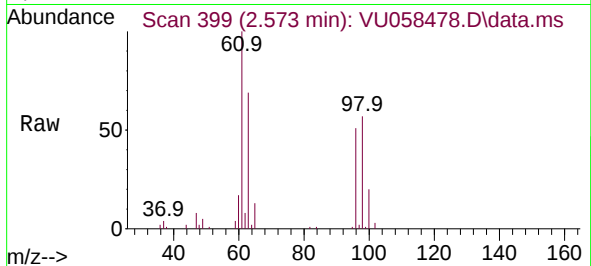
Tgt Ion: 96 Resp: 12808

Ion Ratio Lower Upper

96 100

61 196.7 132.5 246.1

63 135.8 87.7 162.9



#16

Methylene chloride

Concen: 0.220 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058478.D

Acq: 08 Apr 2024 18:58

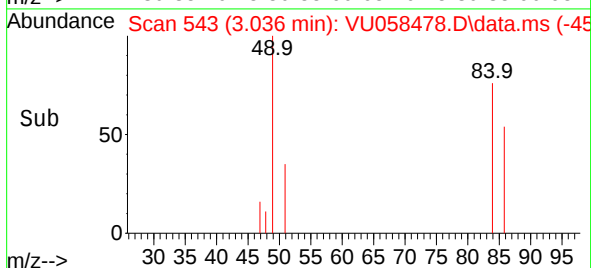
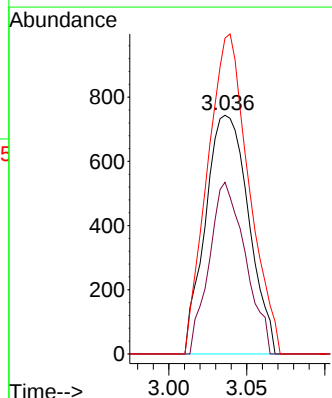
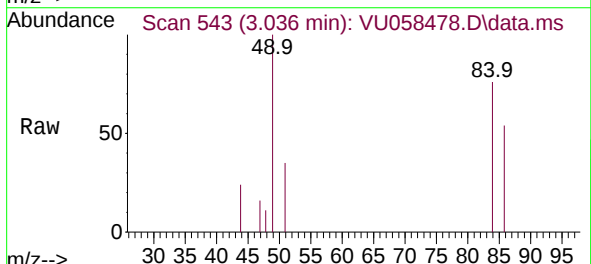
Tgt Ion: 84 Resp: 1435

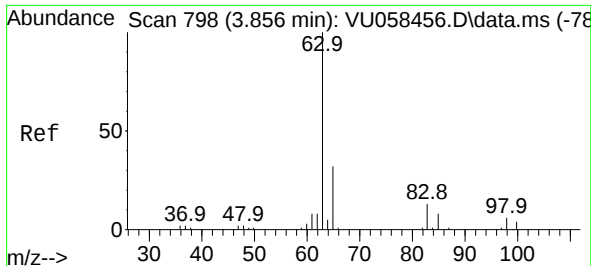
Ion Ratio Lower Upper

84 100

86 71.9 44.3 82.3

49 132.3 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.395 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.010 min

Lab File: VU058478.D

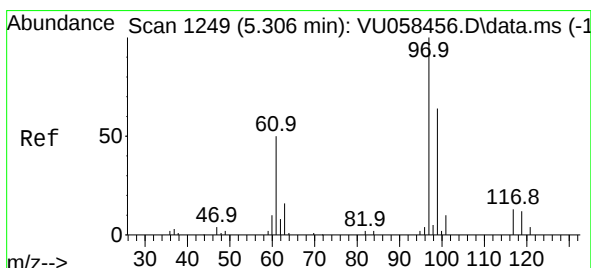
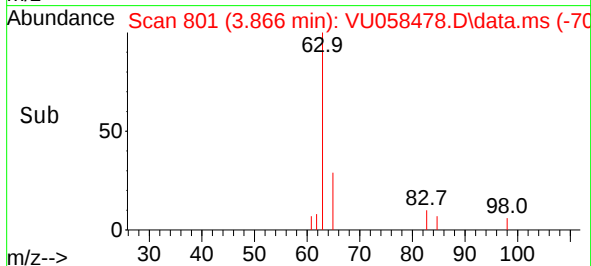
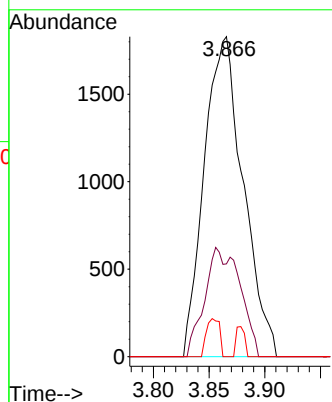
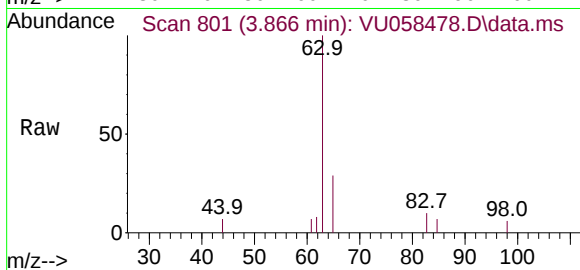
Acq: 08 Apr 2024 18:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	4446
Ion Ratio	Lower	Upper	
63	100		
65	29.0	22.9	42.5
83	0.0	9.6	17.8#



#29

1,1,1-Trichloroethane

Concen: 13.811 ug/L

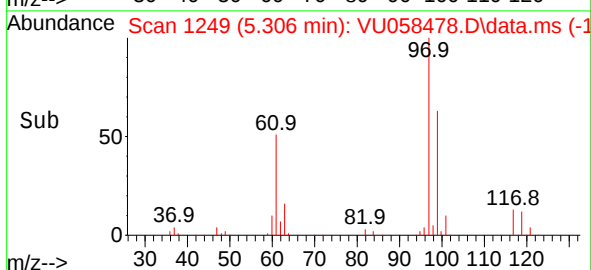
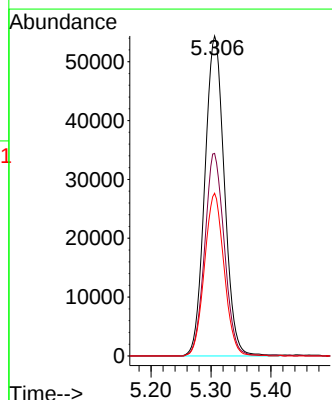
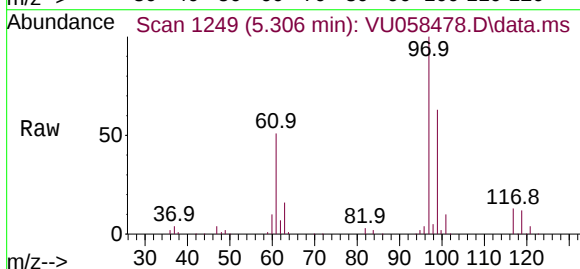
RT: 5.306 min Scan# 1249

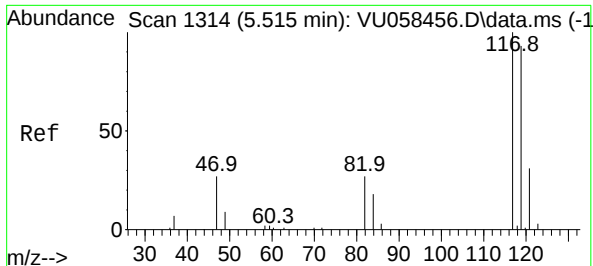
Delta R.T. 0.000 min

Lab File: VU058478.D

Acq: 08 Apr 2024 18:58

Tgt Ion:	97	Resp:	123557
Ion Ratio	Lower	Upper	
97	100		
99	63.2	50.4	75.6
61	50.9	39.4	59.0

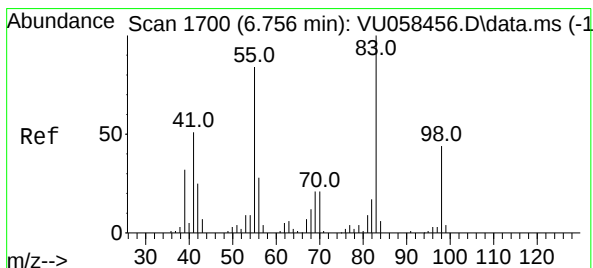
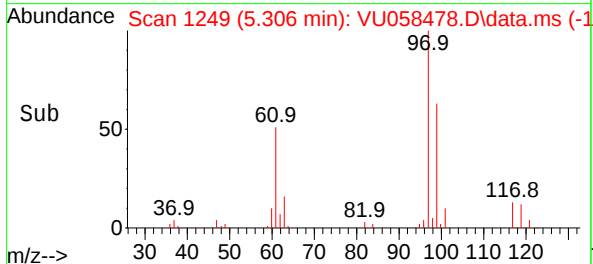
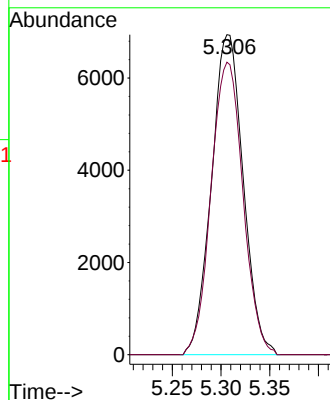
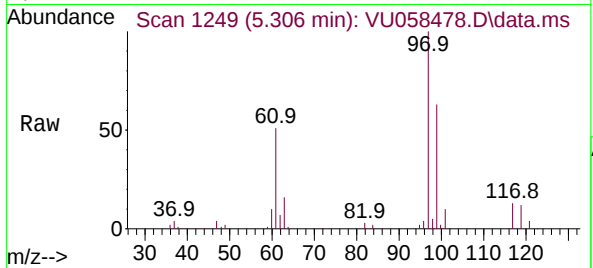




#31
Carbon tetrachloride
Concen: 2.073 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU058478.D
Acq: 08 Apr 2024 18:58

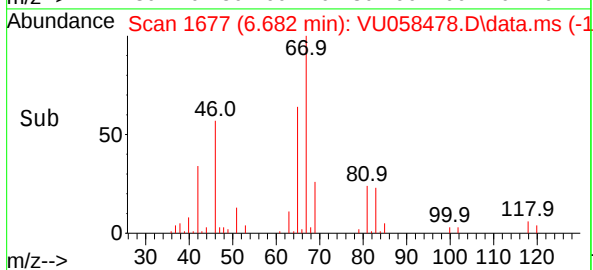
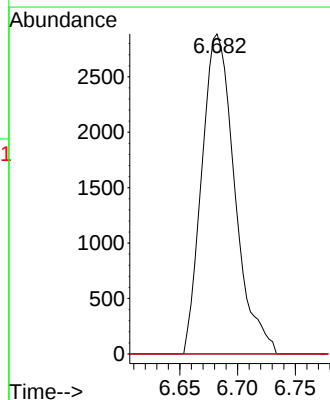
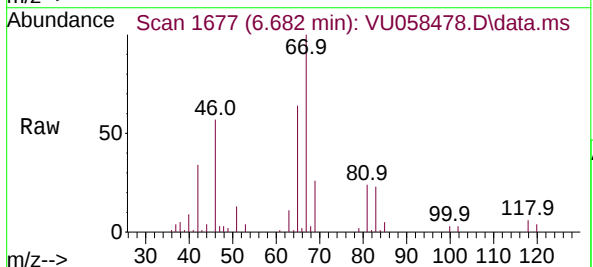
Instrument :
MSVOA_U
ClientSampleId :

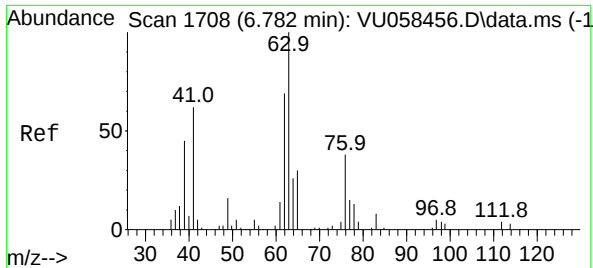
Tgt Ion:117 Resp: 15704
Ion Ratio Lower Upper
117 100
119 92.0 76.7 115.1



#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058478.D
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Tgt Ion: 83 Resp: 5732
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

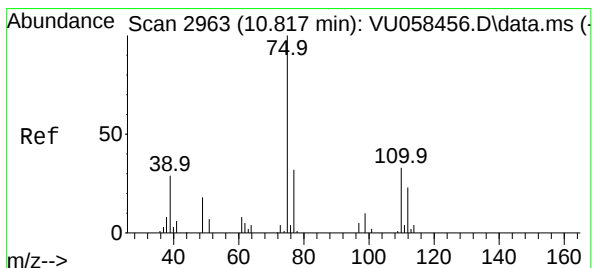
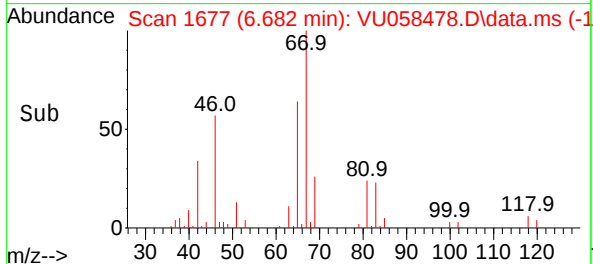
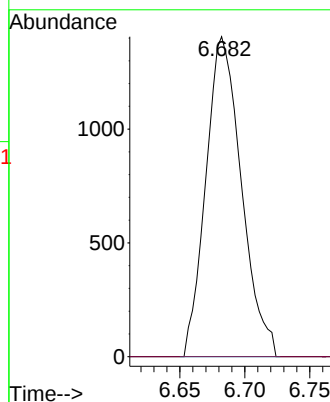
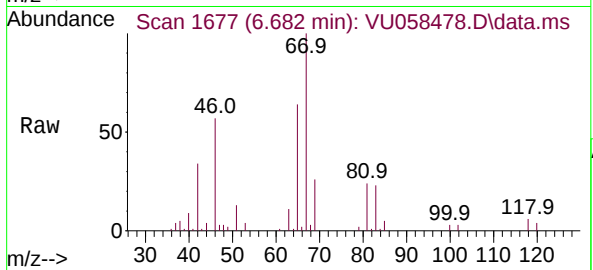




#37
1,2-Dichloropropane
Concen: 0.420 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058478.D
Acq: 08 Apr 2024 18:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2675
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU058478.D
Acq: 08 Apr 2024 18:58

Tgt Ion: 75 Resp: 3815
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 33.6 25.1 37.7

