

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058562.D
 Acq On : 10 Apr 2024 16:09
 Operator : MD/SY
 Sample : P1970-19 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:32:17 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)

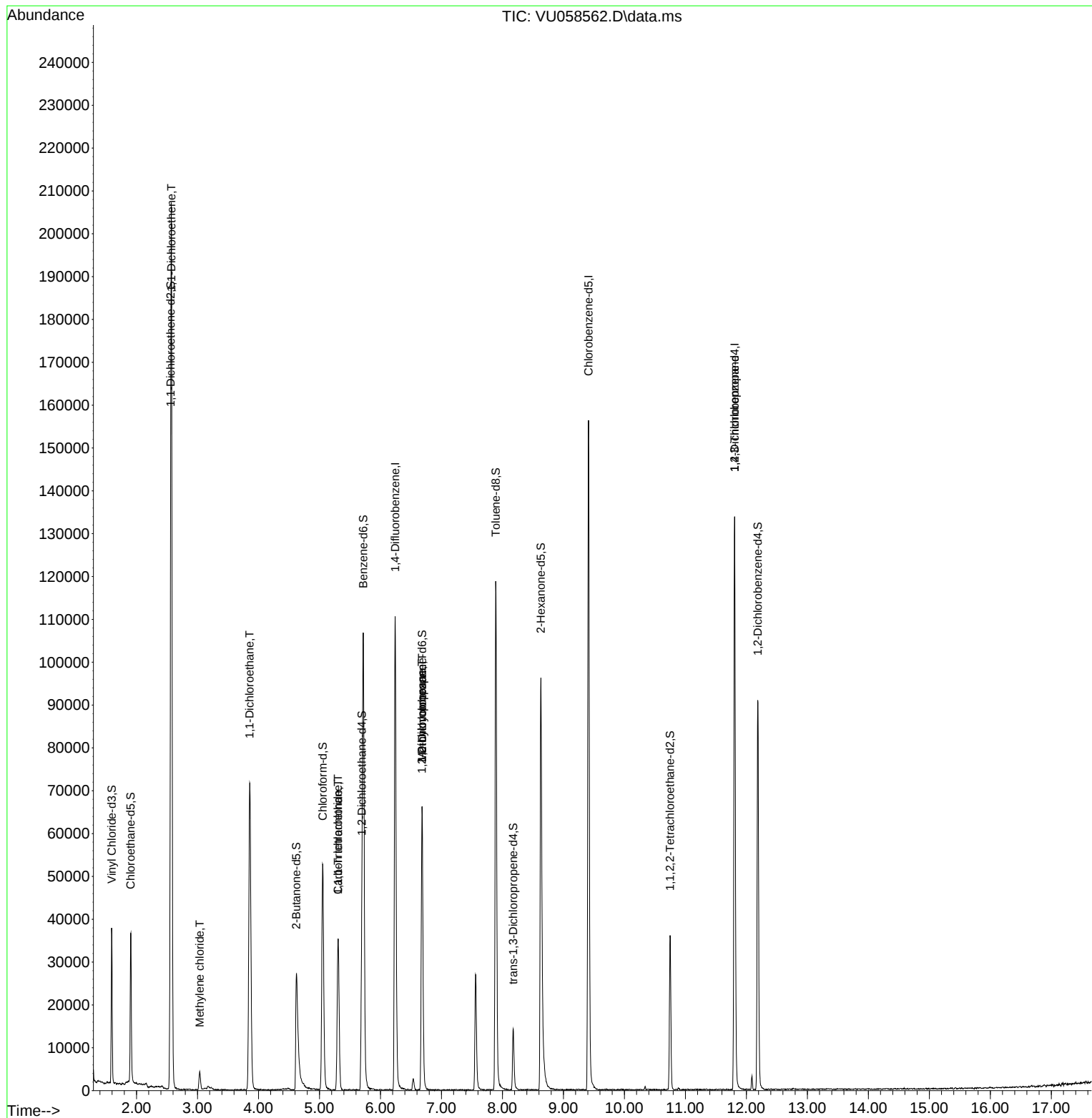
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83500	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24787	4.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.904	69	23354	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.560	65	11381	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.621	46	48036	40.295	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.600%
24) Chloroform-d	5.055	84	49022	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	23707	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.717	84	98062	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	31391	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	80917	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	8909	4.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.630	63	33475	37.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19089	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24194	4.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	55139	9.106	ug/L	86
16) Methylene chloride	3.036	84	1900	0.236	ug/L	97
19) 1,1-Dichloroethane	3.856	63	84662	6.112	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	24857	2.220	ug/L	97
31) Carbon tetrachloride	5.306	117	2978	0.314	ug/L	99
35) Methylcyclohexane	6.682	83	6803	0.592	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3458	0.434	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	5103	1.421	ug/L #	70

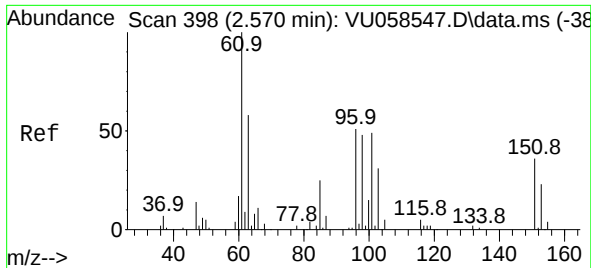
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 01:28:06 2024
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#12

1,1-Dichloroethene

Concen: 9.106 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU058562.D

Acq: 10 Apr 2024 16:09

Instrument :

MSVOA_U

ClientSampleId :

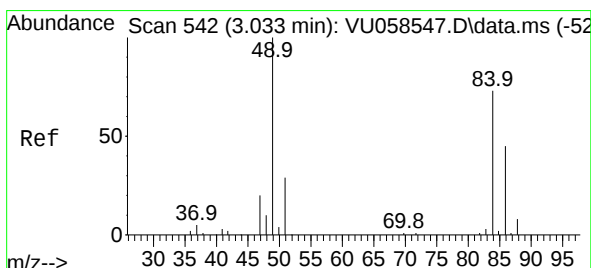
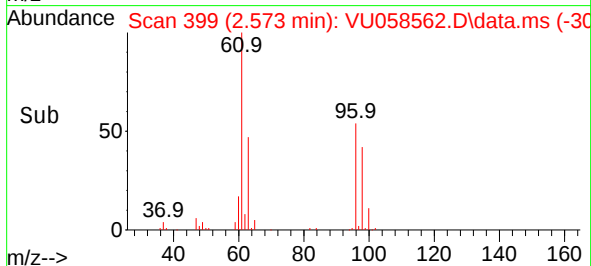
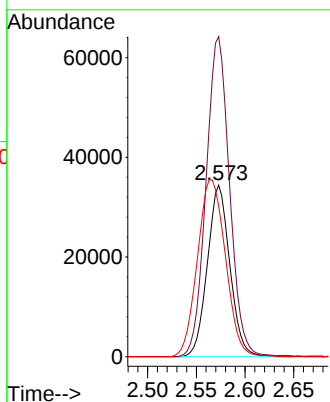
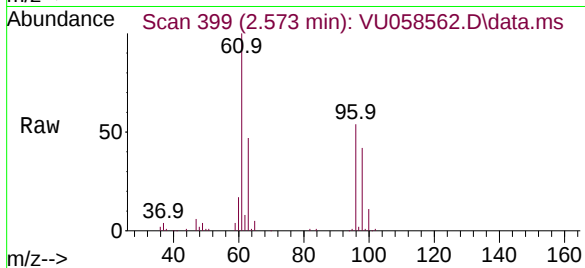
Tgt Ion: 96 Resp: 55139

Ion Ratio Lower Upper

96 100

61 186.5 132.5 246.1

63 87.8 87.7 162.9



#16

Methylene chloride

Concen: 0.236 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058562.D

Acq: 10 Apr 2024 16:09

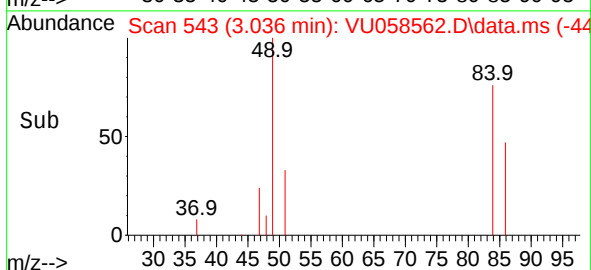
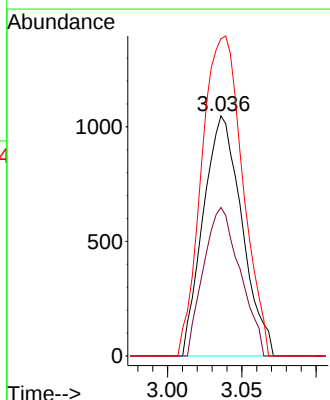
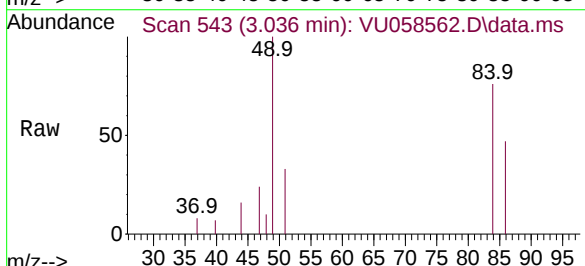
Tgt Ion: 84 Resp: 1900

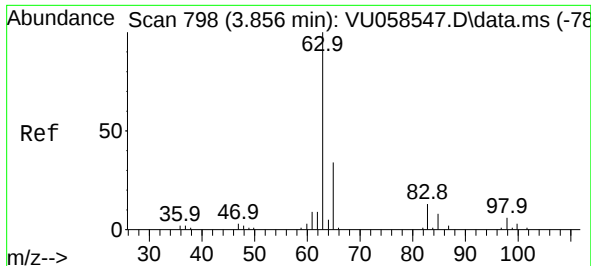
Ion Ratio Lower Upper

84 100

86 61.8 44.3 82.3

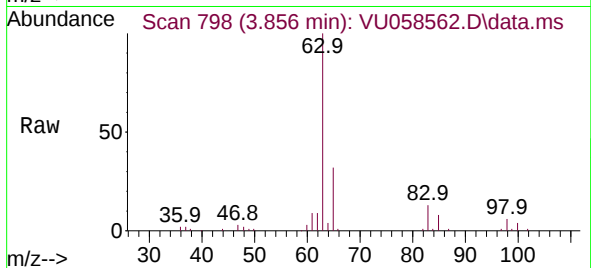
49 132.2 96.0 178.2



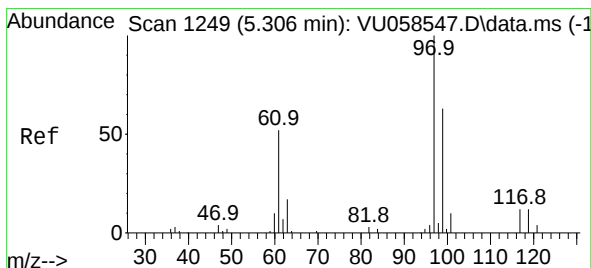
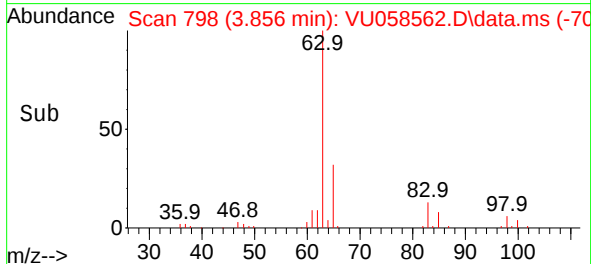
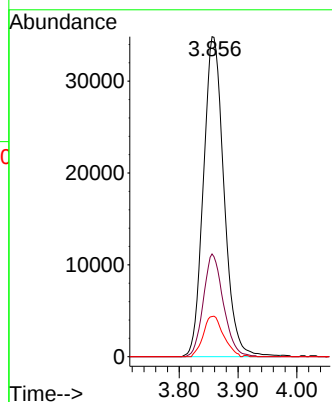


#19
 1,1-Dichloroethane
 Concen: 6.112 ug/L
 RT: 3.856 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VU058562.D
 Acq: 10 Apr 2024 16:09

Instrument :
 MSVOA_U
 ClientSampleId :

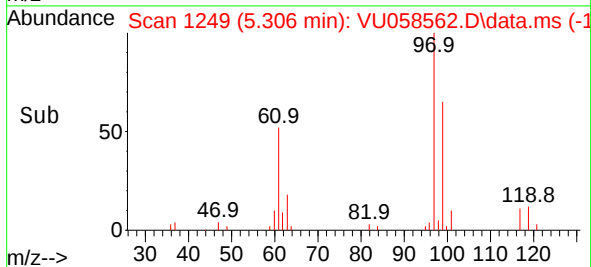
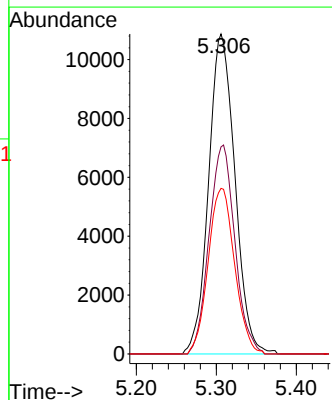
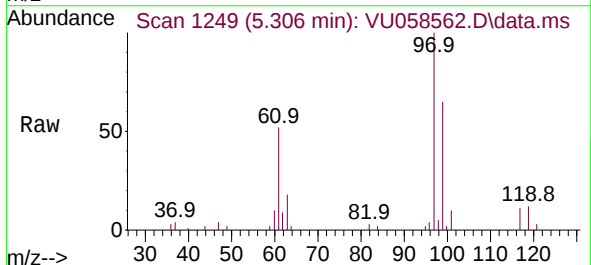


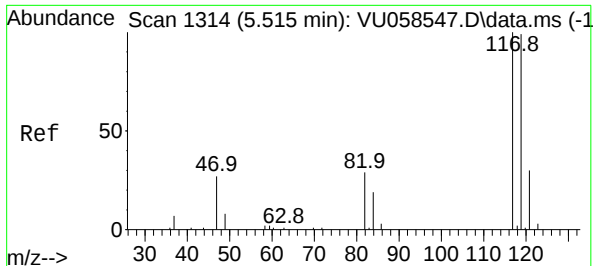
Tgt Ion: 63	Resp: 84662
Ion Ratio	Lower Upper
63	100
65	32.8 22.9 42.5
83	12.6 9.6 17.8



#29
 1,1,1-Trichloroethane
 Concen: 2.220 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU058562.D
 Acq: 10 Apr 2024 16:09

Tgt Ion: 97	Resp: 24857
Ion Ratio	Lower Upper
97	100
99	64.0 50.4 75.6
61	52.0 39.4 59.0

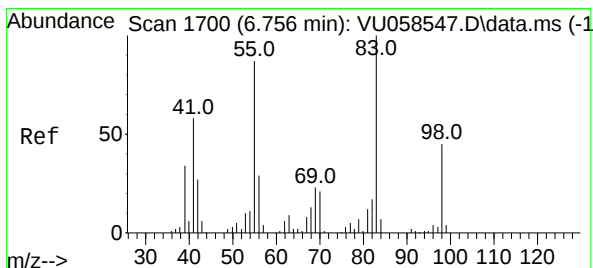
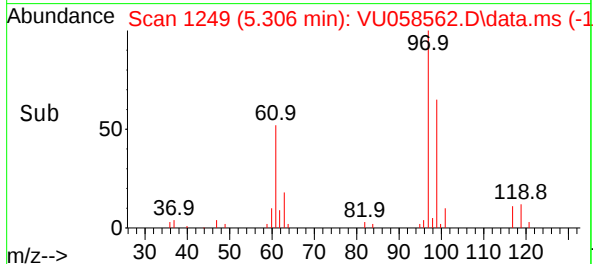
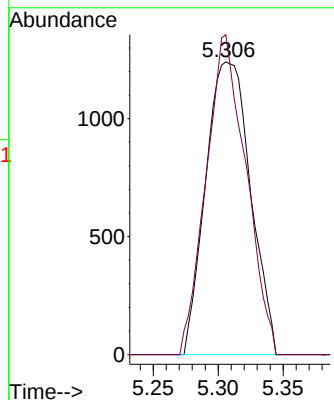
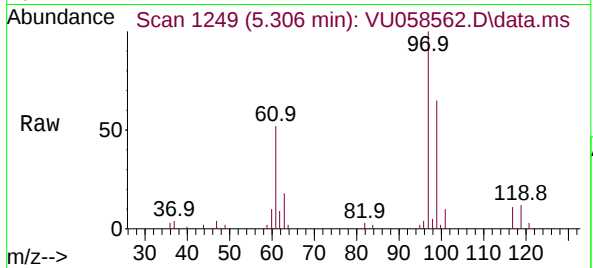




#31
Carbon tetrachloride
Concen: 0.314 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU058562.D
Acq: 10 Apr 2024 16:09

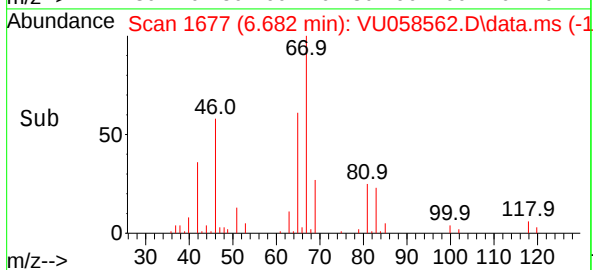
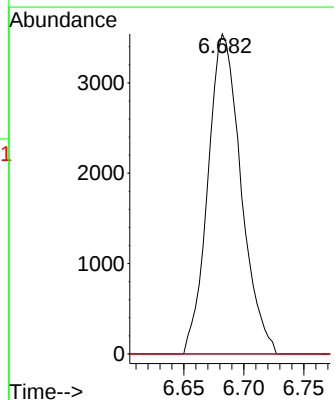
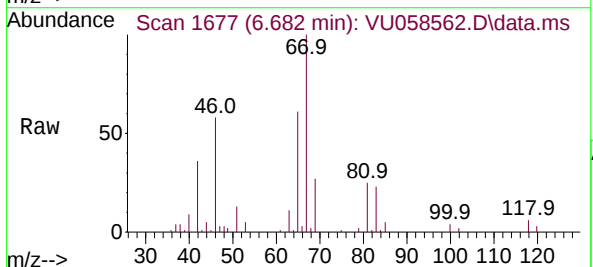
Instrument :
MSVOA_U
ClientSampleId :

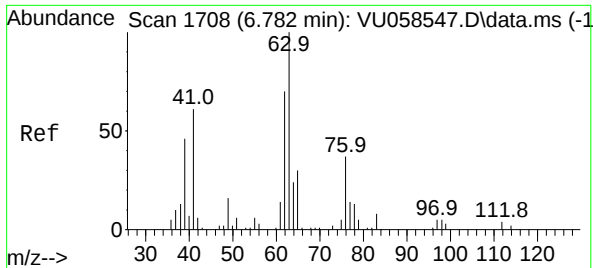
Tgt Ion:117 Resp: 2978
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1



#35
Methylcyclohexane
Concen: 0.592 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058562.D
Acq: 10 Apr 2024 16:09

Tgt Ion: 83 Resp: 6803
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

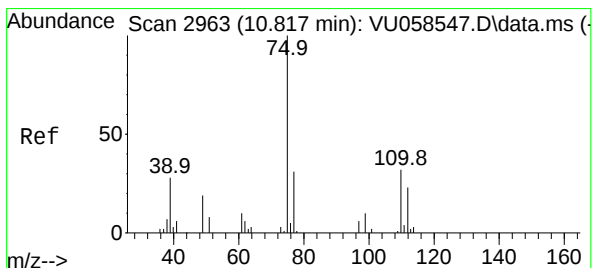
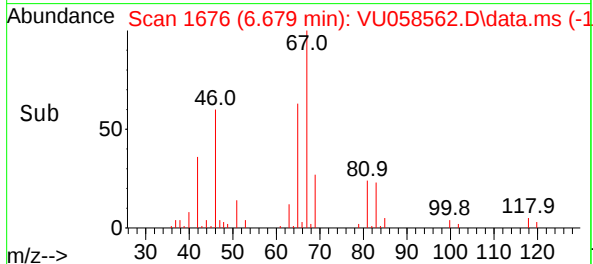
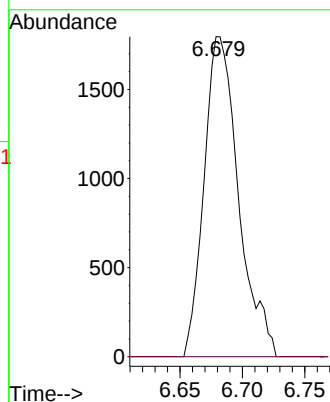
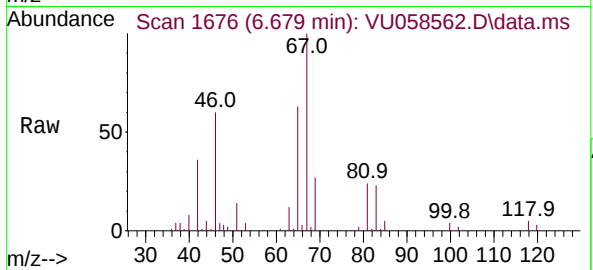




#37
1,2-Dichloropropane
Concen: 0.434 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058562.D
Acq: 10 Apr 2024 16:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3458
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.421 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058562.D
Acq: 10 Apr 2024 16:09

Tgt Ion: 75 Resp: 5103
Ion Ratio Lower Upper
75 100
110 0.4 25.8 38.6#
77 32.7 25.1 37.7

