

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058553.D
 Acq On : 10 Apr 2024 12:37
 Operator : MD/SY
 Sample : P1970-15 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:30:12 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)

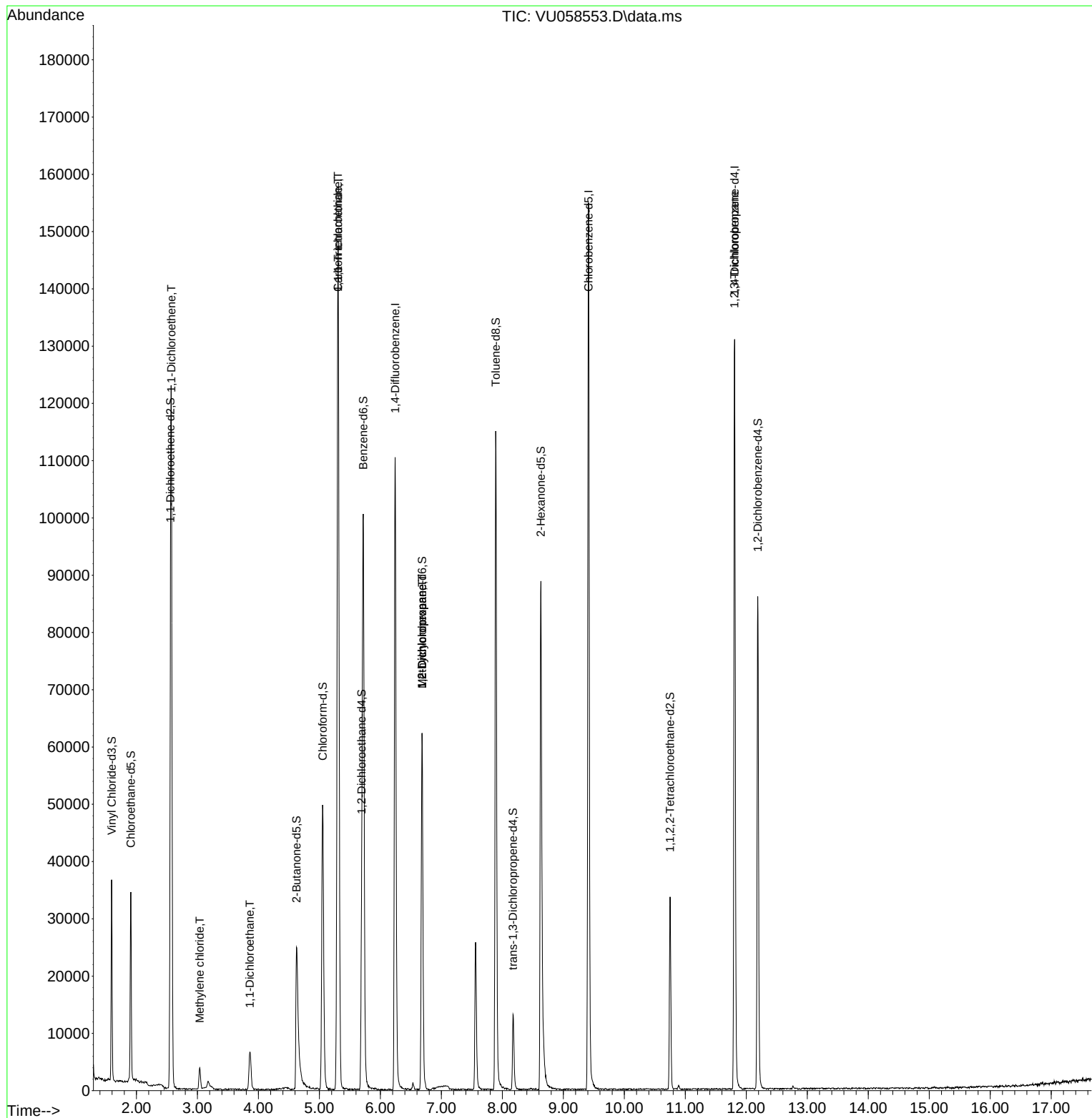
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	34375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	23878	4.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.908	69	22355	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.557	65	11089	4.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.625	46	43314	36.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.280%
24) Chloroform-d	5.052	84	45941	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.692	65	22498	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.718	84	92001	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	28691	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.891	98	76659	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.174	79	8341	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.631	63	30358	33.743	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17177	3.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	22467	3.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	29659	4.871	ug/L	93
16) Methylene chloride	3.036	84	1779	0.220	ug/L	91
19) 1,1-Dichloroethane	3.859	63	9041	0.649	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102698	9.203	ug/L	97
31) Carbon tetrachloride	5.306	117	12679	1.342	ug/L	99
35) Methylcyclohexane	6.682	83	6458	0.564	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3210	0.404	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4756	1.356	ug/L #	69

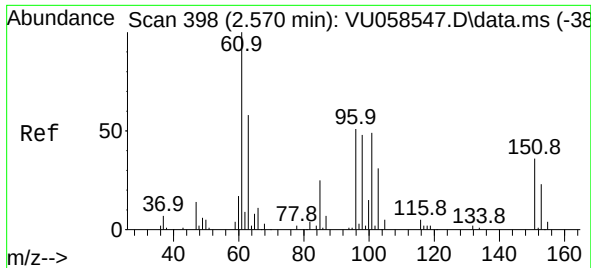
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.871 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.004 min

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Acq: 10 Apr 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

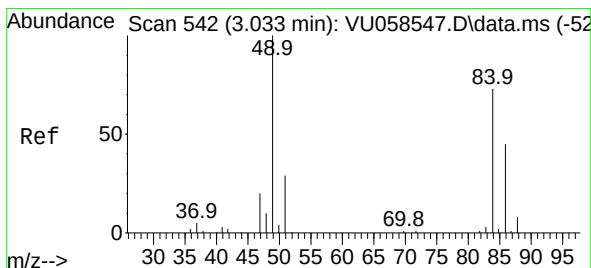
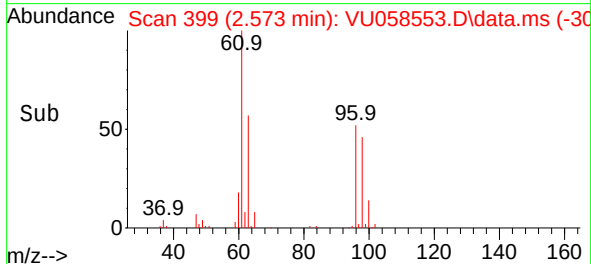
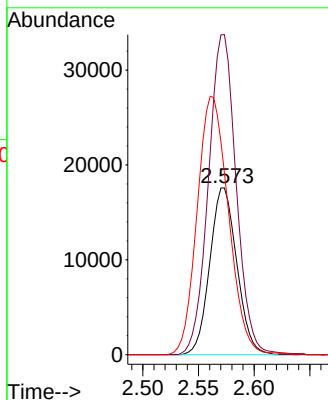
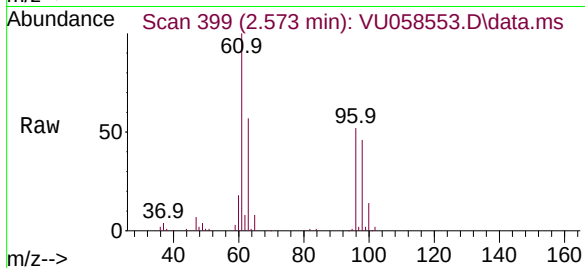
Tgt Ion: 96 Resp: 29659

Ion Ratio Lower Upper

96 100

61 191.9 132.5 246.1

63 108.9 87.7 162.9



#16

Methylene chloride

Concen: 0.220 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.004 min

Lab File: VU058553.D

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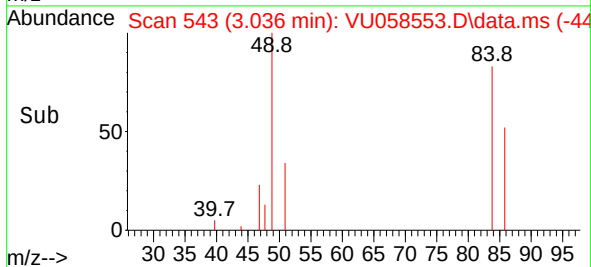
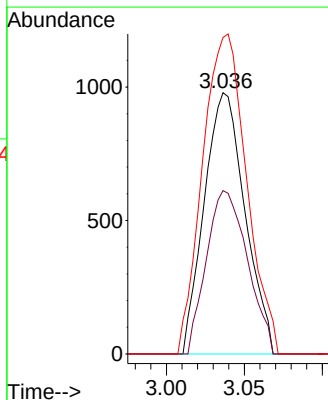
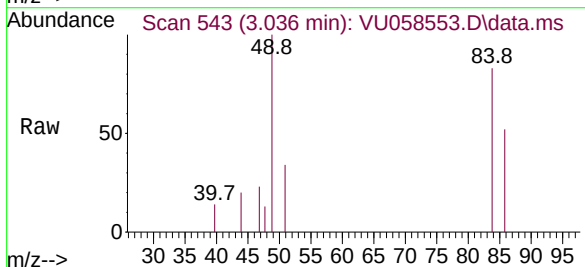
Tgt Ion: 84 Resp: 1779

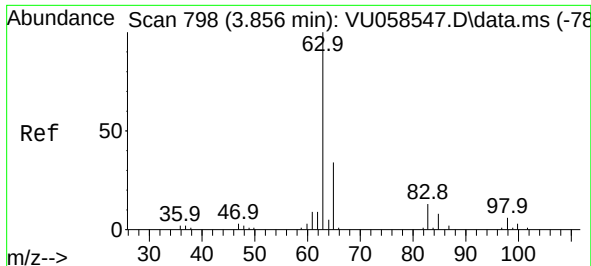
Ion Ratio Lower Upper

84 100

86 62.5 44.3 82.3

49 121.1 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.649 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.004 min

Lab File: VU058553.D

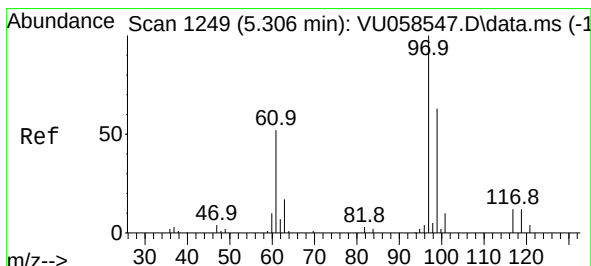
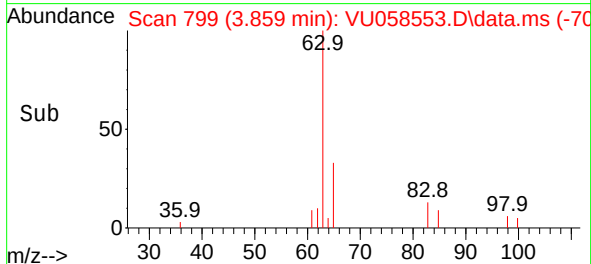
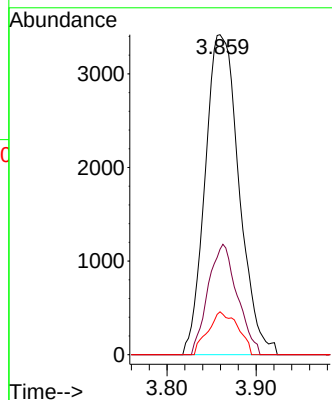
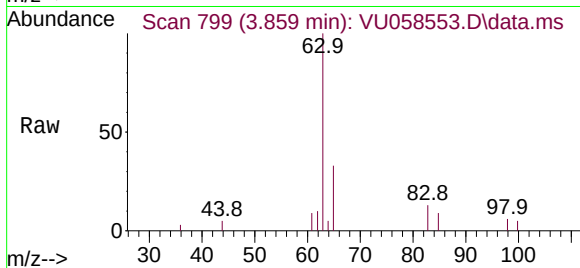
Acq: 10 Apr 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 9041
Ion Ratio	Lower Upper
63 100	
65 32.9	22.9 42.5
83 13.4	9.6 17.8



#29

1,1,1-Trichloroethane

Concen: 9.203 ug/L

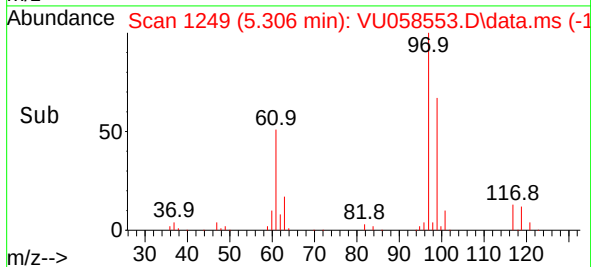
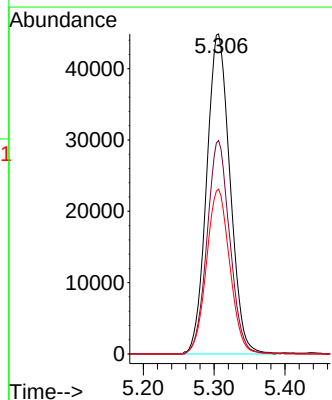
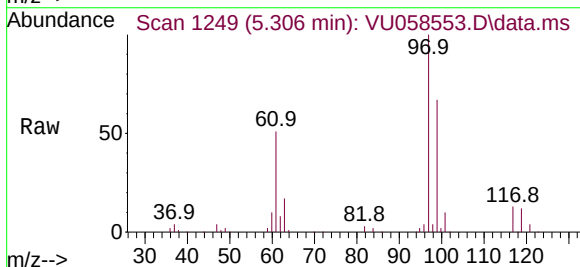
RT: 5.306 min Scan# 1249

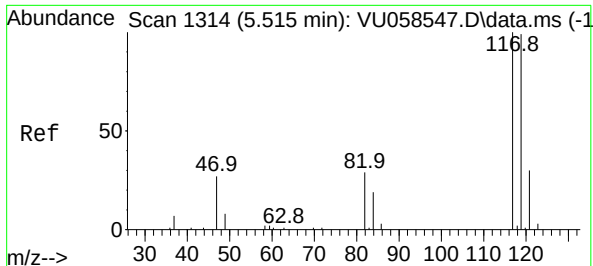
Delta R.T. 0.000 min

Lab File: VU058553.D

Acq: 10 Apr 2024 12:37

Tgt Ion: 97	Resp: 102698
Ion Ratio	Lower Upper
97 100	
99 64.8	50.4 75.6
61 51.3	39.4 59.0

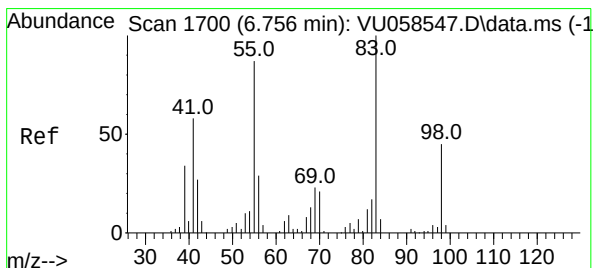
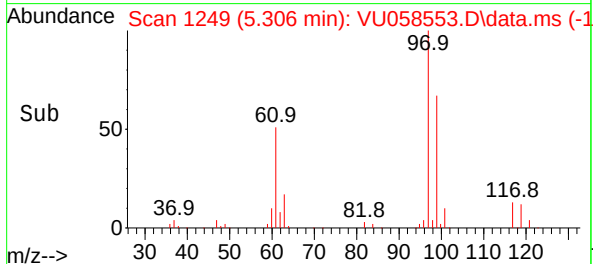
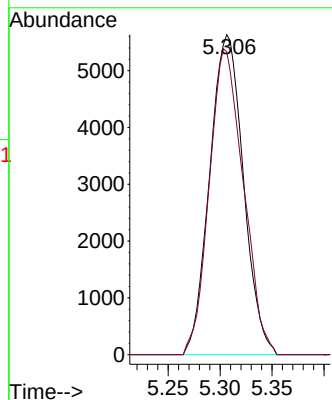
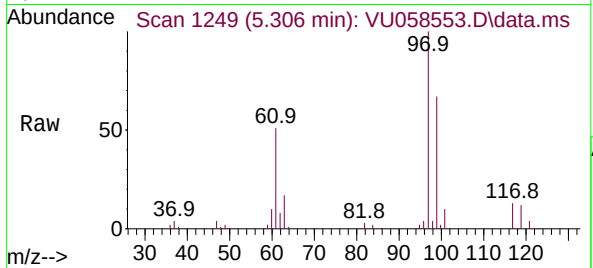




#31
Carbon tetrachloride
Concen: 1.342 ug/L
RT: 5.306 min Scan# 1677
Delta R.T. -0.209 min
Lab File: VU058553.D
Acq: 10 Apr 2024 12:37

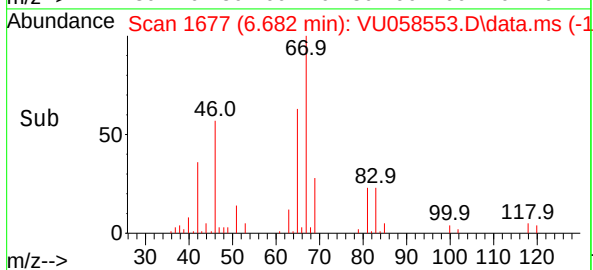
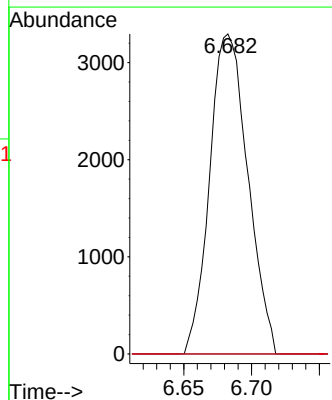
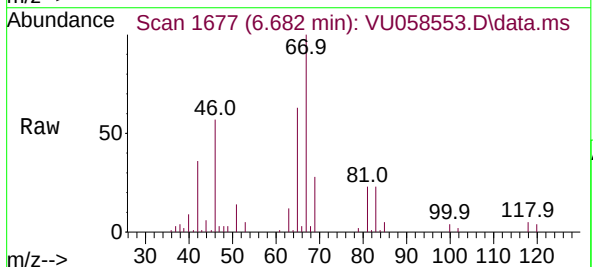
Instrument :
MSVOA_U
ClientSampleId :

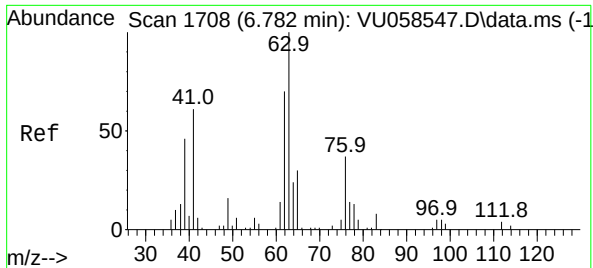
Tgt Ion:117 Resp: 12679
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1



#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058553.D
Acq: 10 Apr 2024 12:37

Tgt Ion: 83 Resp: 6458
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

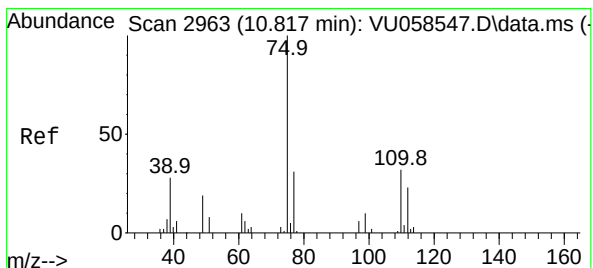
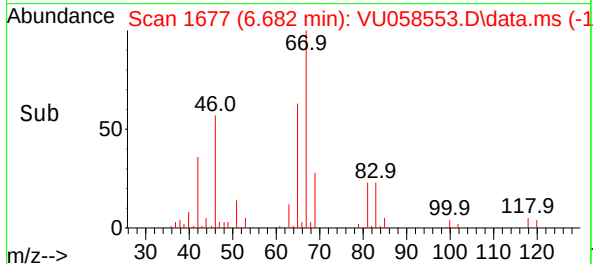
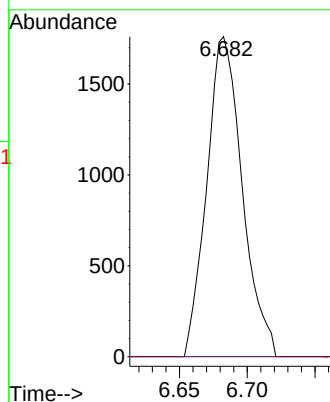
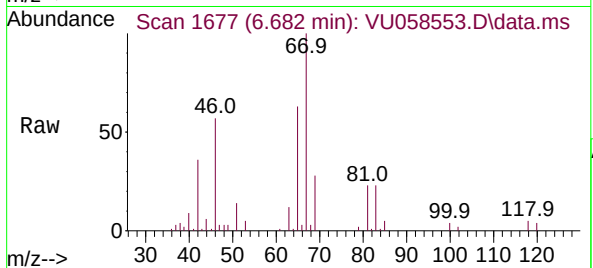




#37
1,2-Dichloropropane
Concen: 0.404 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058553.D
Acq: 10 Apr 2024 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3210
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.356 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058553.D
Acq: 10 Apr 2024 12:37

Tgt Ion: 75 Resp: 4756
Ion Ratio Lower Upper
75 100
110 1.9 25.8 38.6#
77 35.2 25.1 37.7

