

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058532.D
 Acq On : 09 Apr 2024 22:43
 Operator : MD/SY
 Sample : P1970-14 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 02:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

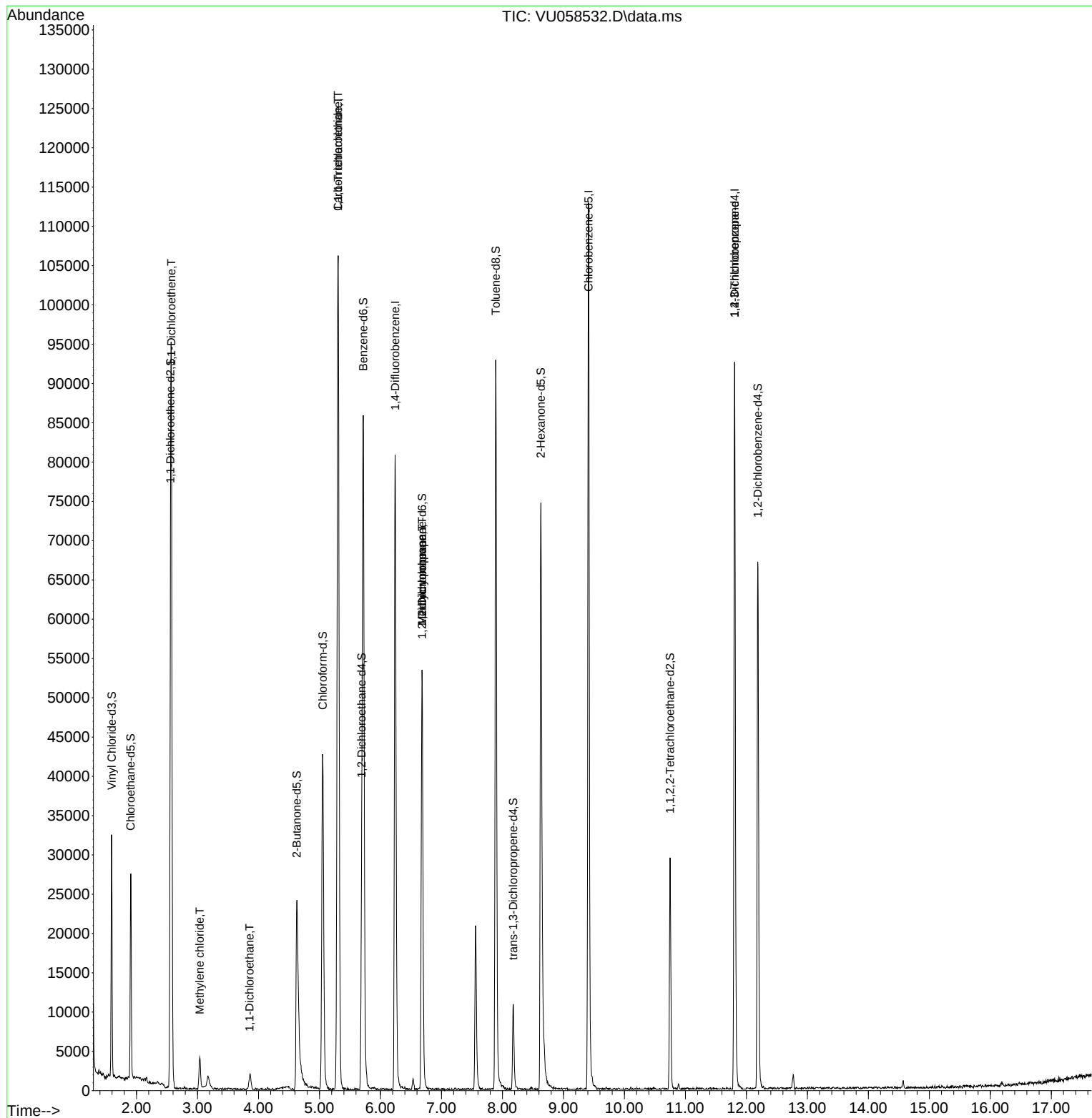
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60116	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20795	4.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.904	69	17420	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.557	65	9464	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.628	46	38738	43.975	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.960%
24) Chloroform-d	5.052	84	40559	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.692	65	19729	5.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.718	84	77812	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.682	67	25397	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	63954	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.177	79	6904	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	25453	39.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15407	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	18135	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	20723	4.631	ug/L	96
16) Methylene chloride	3.036	84	1924	0.324	ug/L	96
19) 1,1-Dichloroethane	3.856	63	3046	0.298	ug/L	92
29) 1,1,1-Trichloroethane	5.306	97	75571	9.376	ug/L	98
31) Carbon tetrachloride	5.306	117	8937	1.309	ug/L	96
35) Methylcyclohexane	6.682	83	5499	0.664	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	2799	0.488	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3526	1.413	ug/L #	70

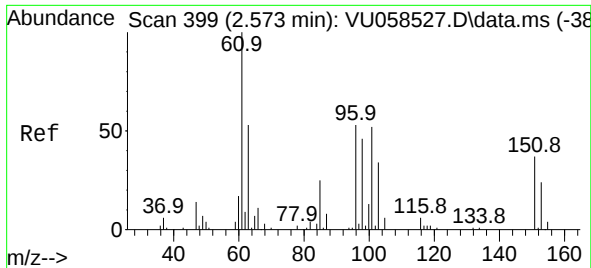
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.631 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058532.D

Acq: 09 Apr 2024 22:43

Instrument :

MSVOA_U

ClientSampleId :

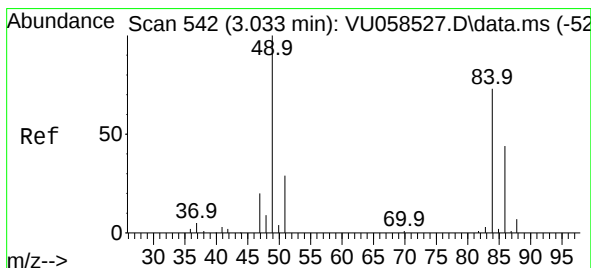
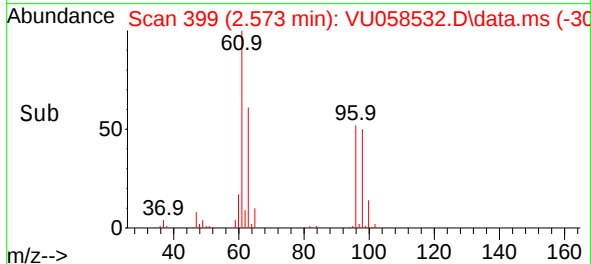
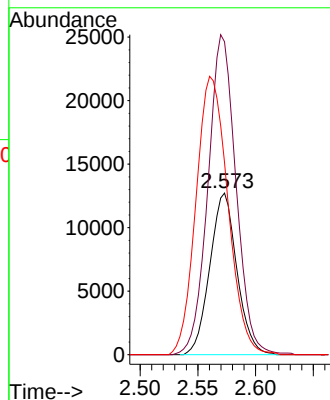
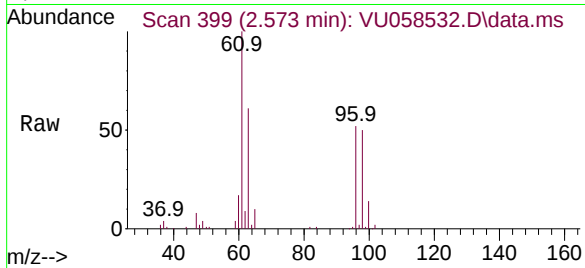
Tgt Ion: 96 Resp: 20723

Ion Ratio Lower Upper

96 100

61 193.7 132.5 246.1

63 119.1 87.7 162.9



#16

Methylene chloride

Concen: 0.324 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058532.D

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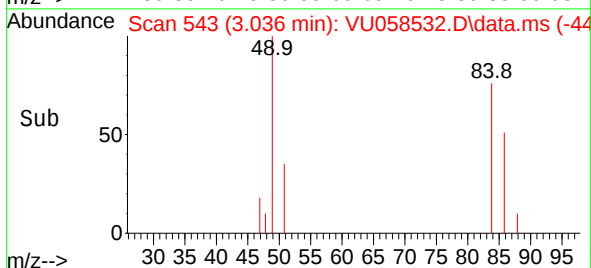
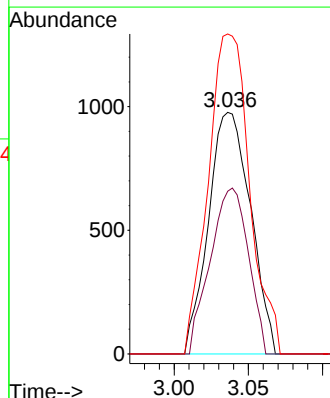
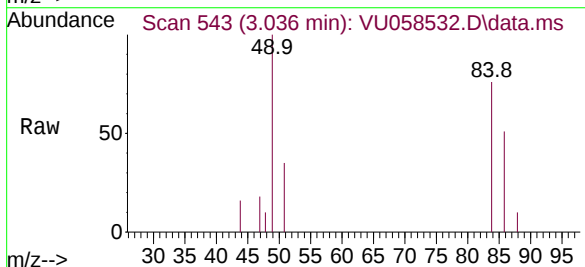
Tgt Ion: 84 Resp: 1924

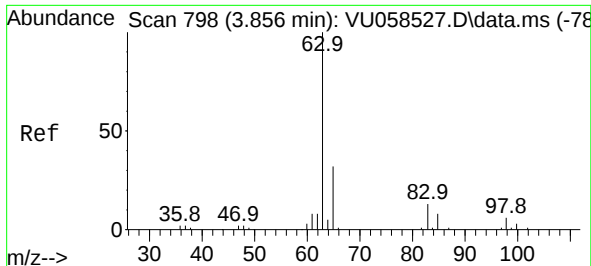
Ion Ratio Lower Upper

84 100

86 67.3 44.3 82.3

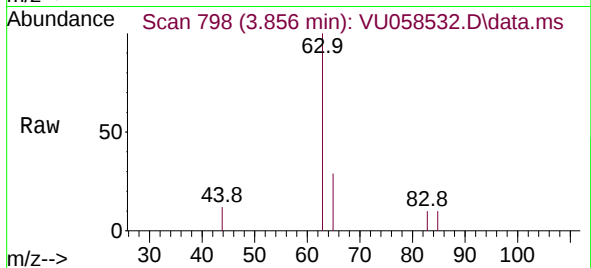
49 132.4 96.0 178.2



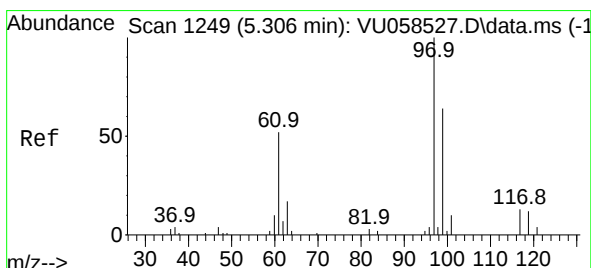
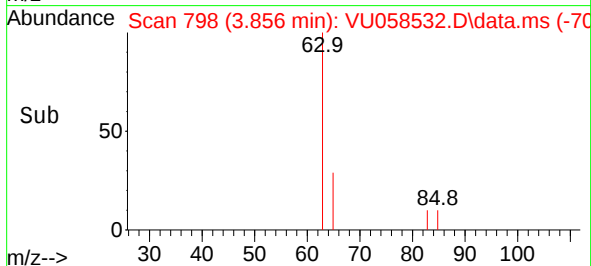
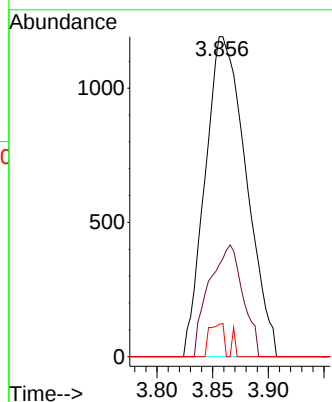


#19
1,1-Dichloroethane
Concen: 0.298 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058532.D
Acq: 09 Apr 2024 22:43

Instrument :
MSVOA_U
ClientSampleId :

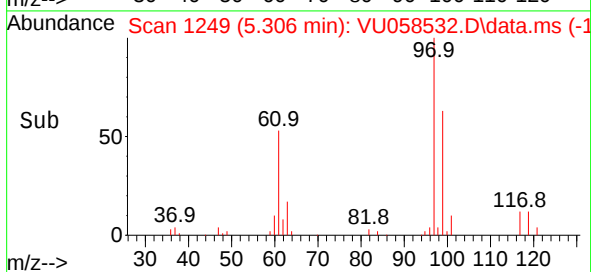
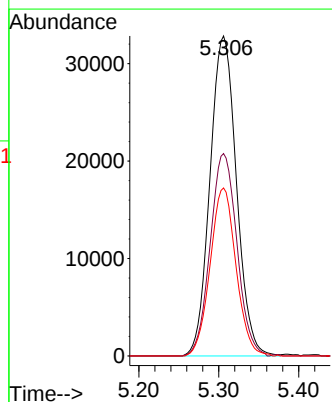
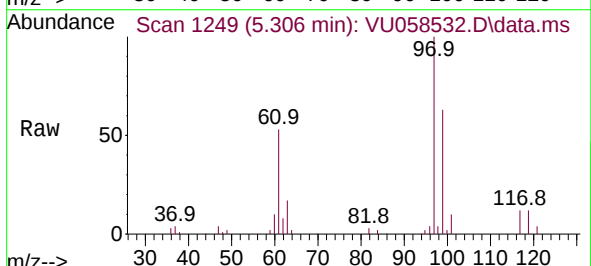


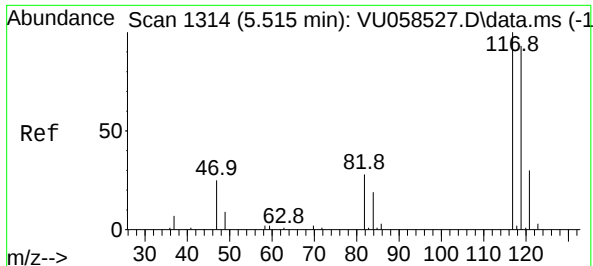
Tgt Ion: 63 Resp: 3046
Ion Ratio Lower Upper
63 100
65 28.7 22.9 42.5
83 10.1 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 9.376 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058532.D
Acq: 09 Apr 2024 22:43

Tgt Ion: 97 Resp: 75571
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 51.3 39.4 59.0

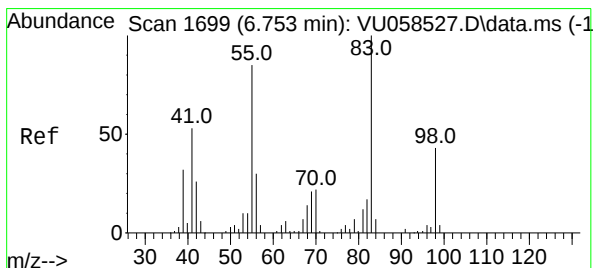
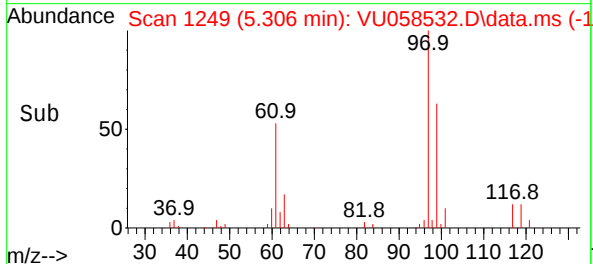
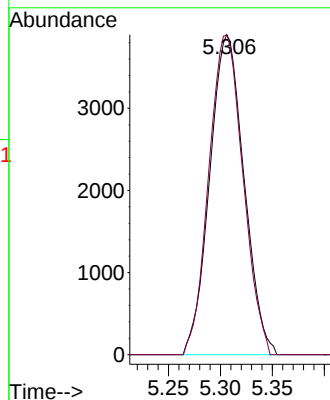
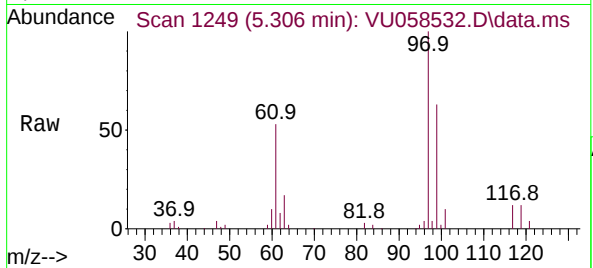




#31
Carbon tetrachloride
Concen: 1.309 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU058532.D
Acq: 09 Apr 2024 22:43

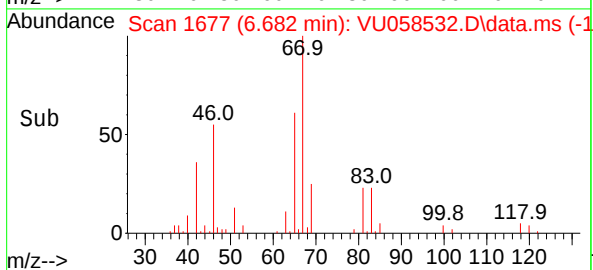
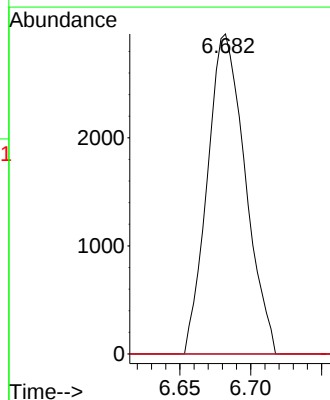
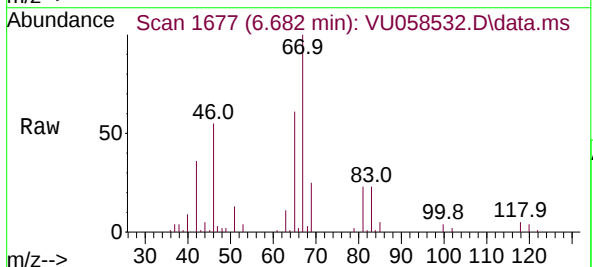
Instrument :
MSVOA_U
ClientSampleId :

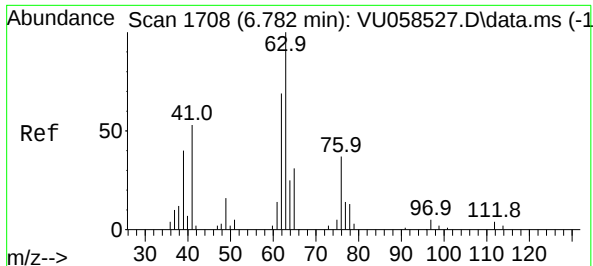
Tgt Ion:117 Resp: 8937
Ion Ratio Lower Upper
117 100
119 99.6 76.7 115.1



#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058532.D
Acq: 09 Apr 2024 22:43

Tgt Ion: 83 Resp: 5499
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

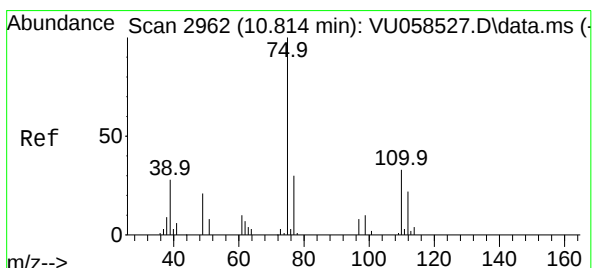
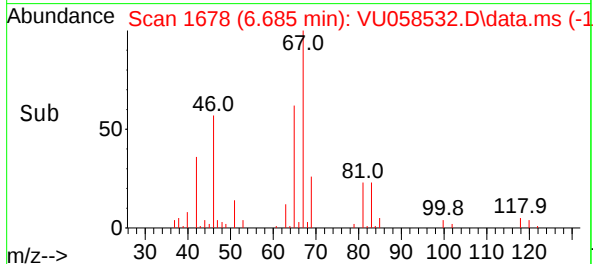
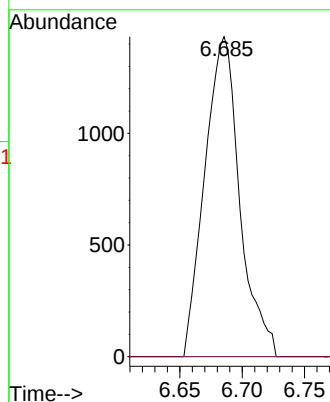
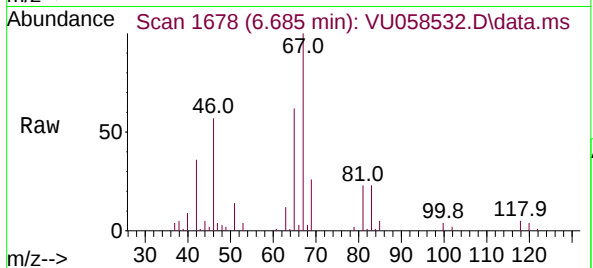




#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058532.D
Acq: 09 Apr 2024 22:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2799
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.413 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU058532.D
Acq: 09 Apr 2024 22:43

Tgt Ion: 75 Resp: 3526
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.1 25.1 37.7

