

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057482.D
 Acq On : 12 Jan 2024 15:04
 Operator : MD/SY
 Sample : P1062-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

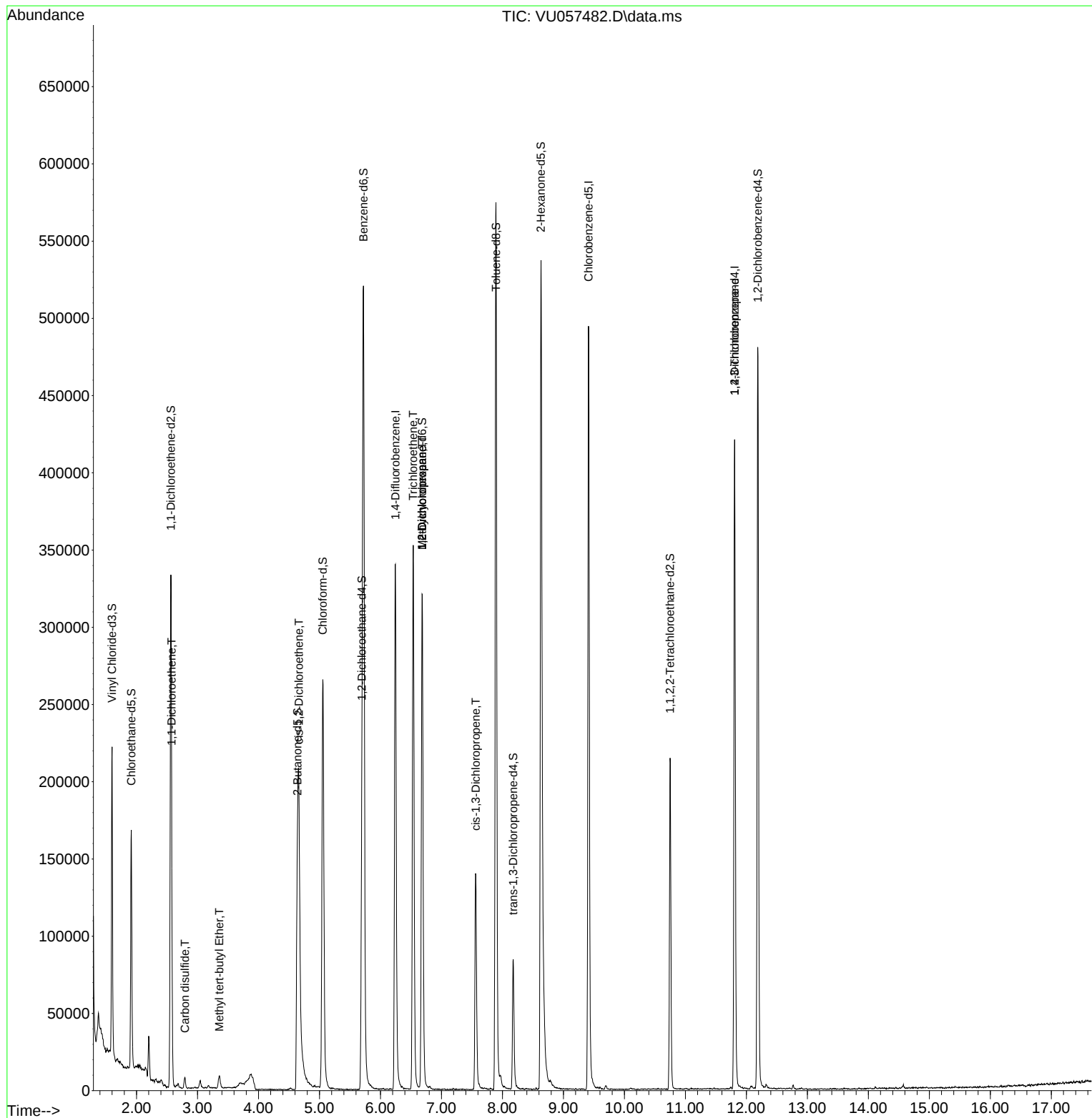
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	276066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	141262	5.170	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.400%	
7) Chloroethane-d5	1.914	69	117082	5.507	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.563	65	63359	5.484	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.600%	
20) 2-Butanone-d5	4.637	46	285090	55.162	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.320%	
24) Chloroform-d	5.055	84	253818	5.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.695	65	127237	5.596	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.000%	
32) Benzene-d6	5.721	84	496273	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.685	67	156699	4.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.894	98	396112	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	8.177	79	51482	4.717	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.631	63	187453	47.436	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.880%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	106781	5.036	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	123061	5.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	11450	0.728	ug/L #	1
14) Carbon disulfide	2.795	76	10149	0.231	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	5907	0.151	ug/L #	94
22) cis-1,2-Dichloroethene	4.663	96	61717	3.395	ug/L	99
34) Trichloroethene	6.537	95	127667	5.992	ug/L	98
35) Methylcyclohexane	6.685	83	35454	1.252	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	16725	0.727	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	4307	0.142	ug/L #	80
61) 1,2,3-Trichloropropane	11.807	75	14024	1.354	ug/L #	69

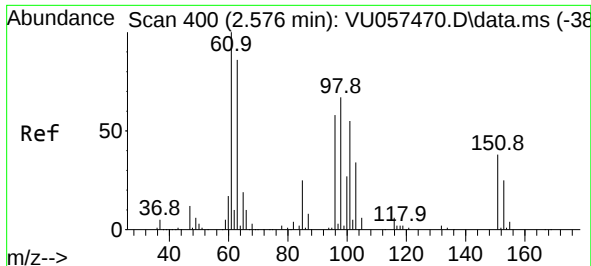
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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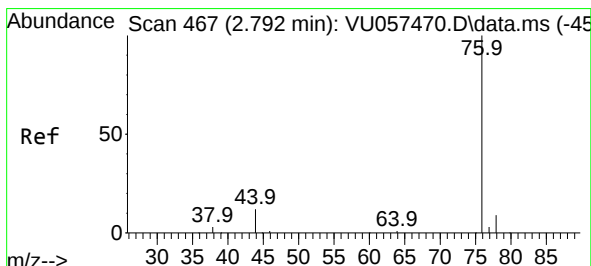
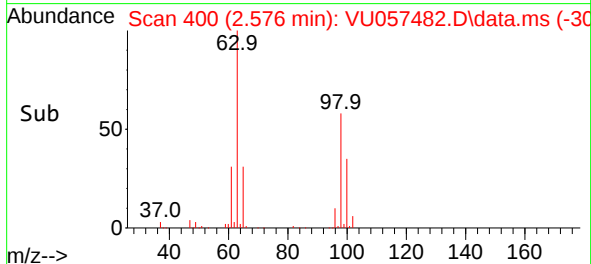
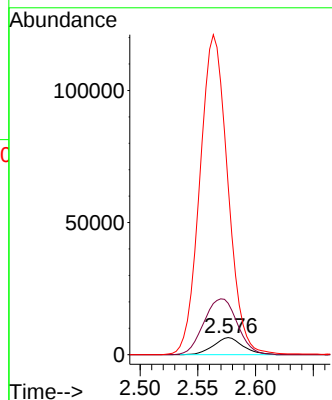
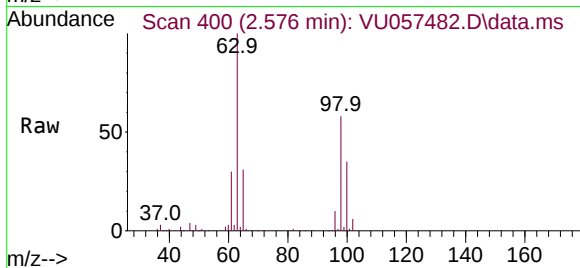




#12
1,1-Dichloroethene
Concen: 0.728 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04

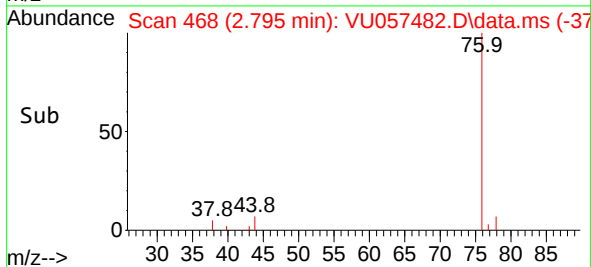
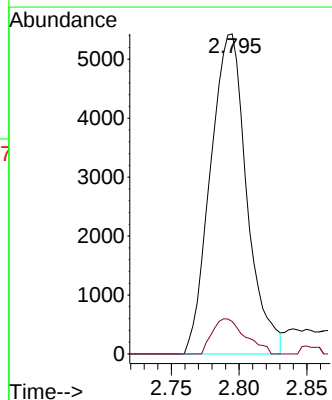
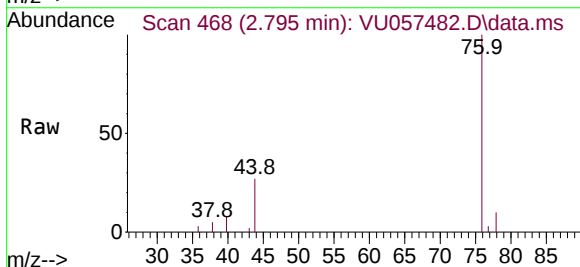
Instrument :
MSVOA_U
ClientSampleId :

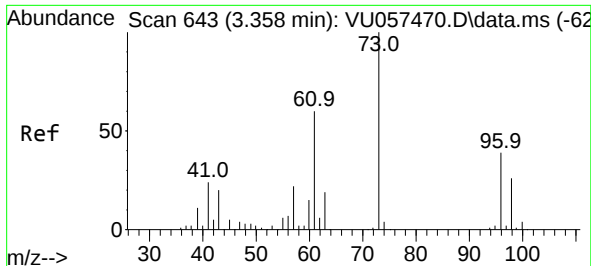
Tgt Ion: 96 Resp: 11450
Ion Ratio Lower Upper
96 100
61 299.0 130.9 243.1#
63 981.3 114.8 213.2#



#14
Carbon disulfide
Concen: 0.231 ug/L
RT: 2.795 min Scan# 468
Delta R.T. 0.003 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04

Tgt Ion: 76 Resp: 10149
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9





#17

Methyl tert-butyl Ether

Concen: 0.151 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU057482.D

Acq: 12 Jan 2024 15:04

Instrument :

MSVOA_U

ClientSampleId :

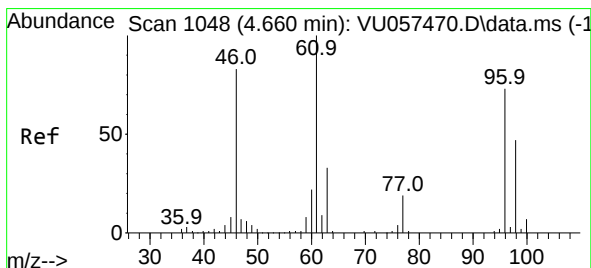
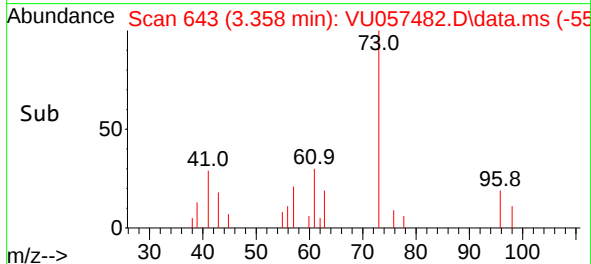
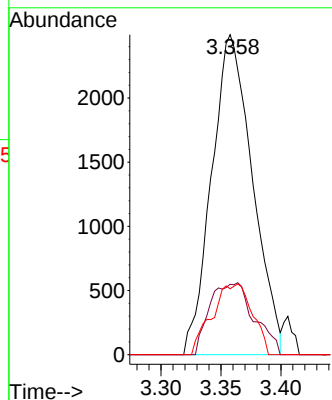
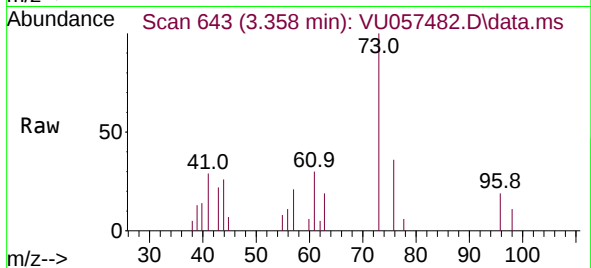
Tgt Ion: 73 Resp: 5907

Ion Ratio Lower Upper

73 100

43 24.4 16.1 24.1#

57 21.8 18.2 27.4



#22

cis-1,2-Dichloroethene

Concen: 3.395 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU057482.D

Acq: 12 Jan 2024 15:04

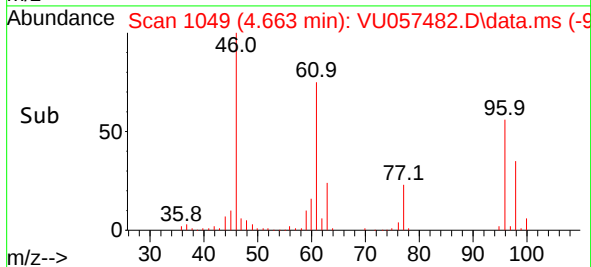
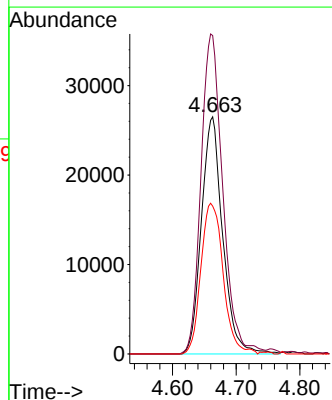
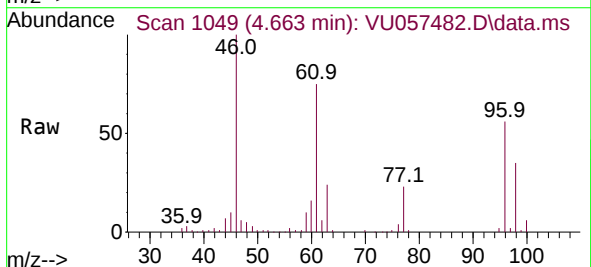
Tgt Ion: 96 Resp: 61717

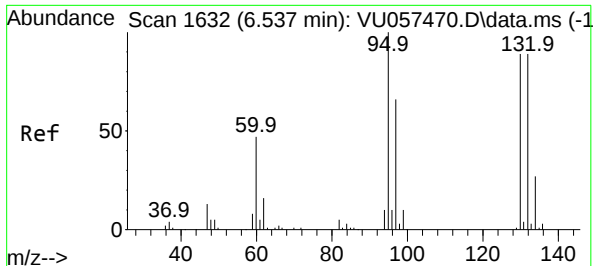
Ion Ratio Lower Upper

96 100

61 134.3 93.4 173.4

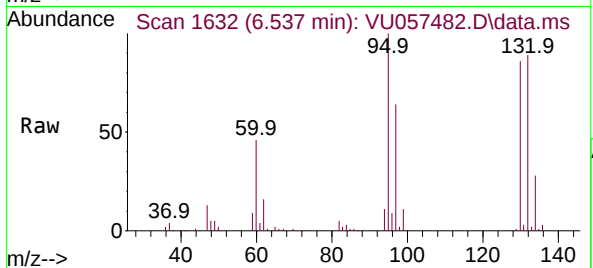
98 62.4 44.9 83.3



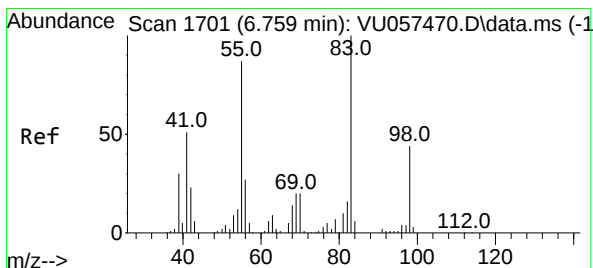
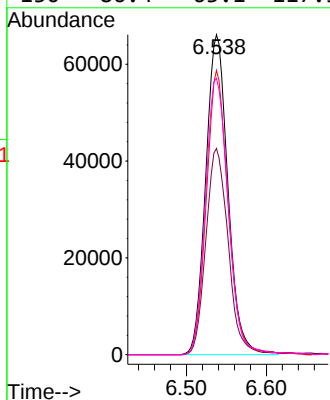
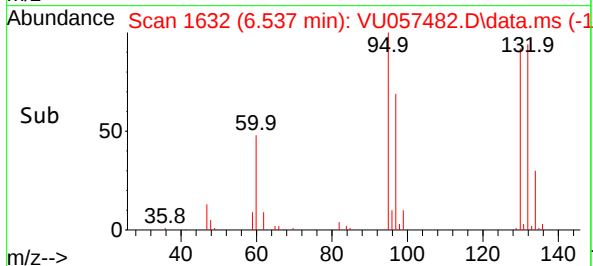


#34
Trichloroethene
Concen: 5.992 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04

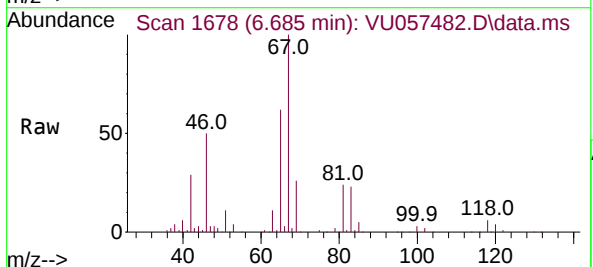
Instrument :
MSVOA_U
ClientSampleId :



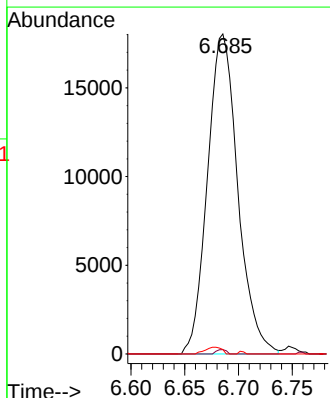
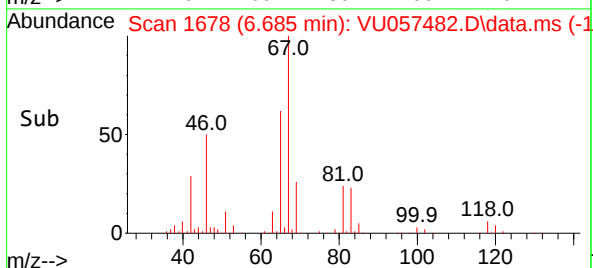
Tgt Ion: 95 Resp: 127667
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 88.9 61.7 114.5
130 86.4 63.1 117.3

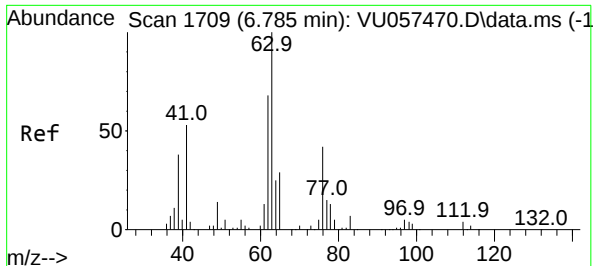


#35
Methylcyclohexane
Concen: 1.252 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04



Tgt Ion: 83 Resp: 35454
Ion Ratio Lower Upper
83 100
55 0.4 68.7 103.1#
98 1.2 36.3 54.5#

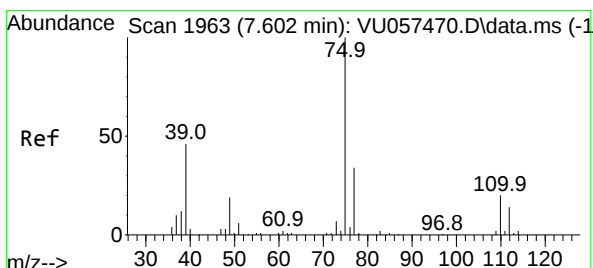
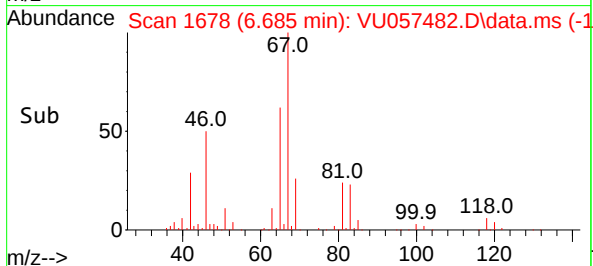
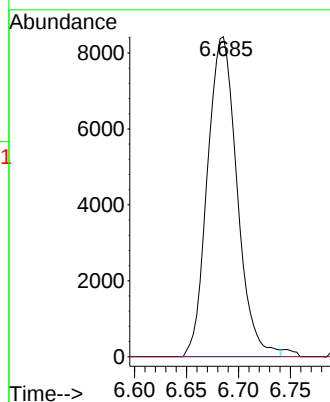
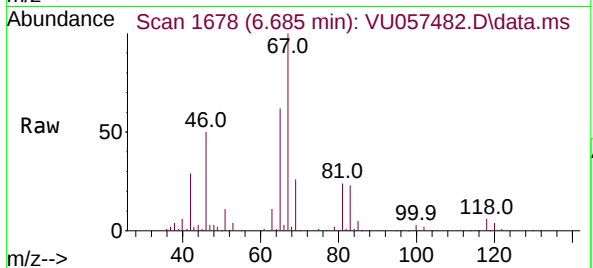




#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04

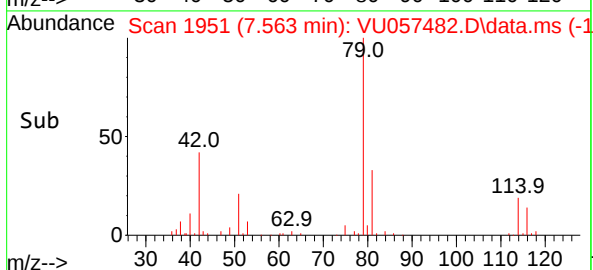
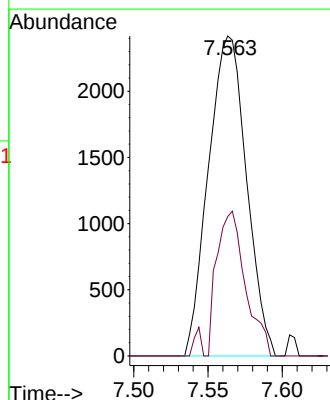
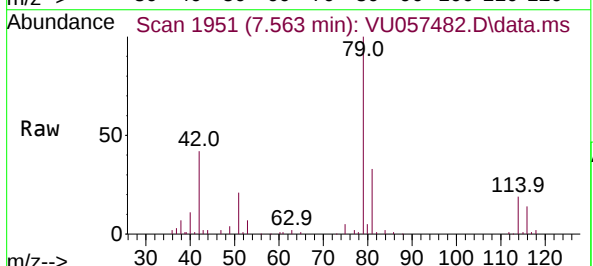
Instrument :
MSVOA_U
ClientSampleId :

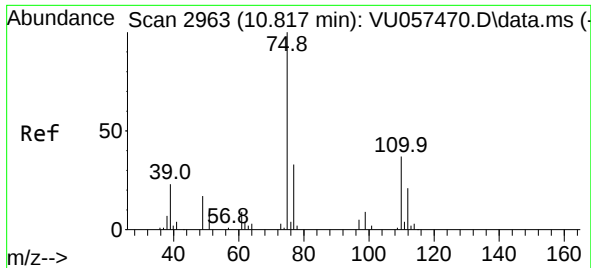
Tgt Ion: 63 Resp: 16725
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04

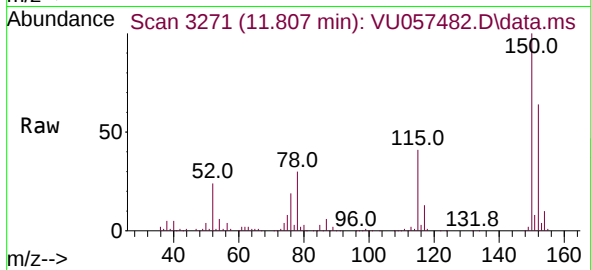
Tgt Ion: 75 Resp: 4307
Ion Ratio Lower Upper
75 100
77 43.5 22.5 41.9#





#61
1,2,3-Trichloropropane
Concen: 1.354 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057482.D
Acq: 12 Jan 2024 15:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 14024
Ion Ratio Lower Upper
75 100
110 3.1 29.4 44.0#
77 34.1 26.2 39.4

