

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056558.D
 Acq On : 21 Nov 2023 17:58
 Operator : MD/SY
 Sample : 05441-02DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:36:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

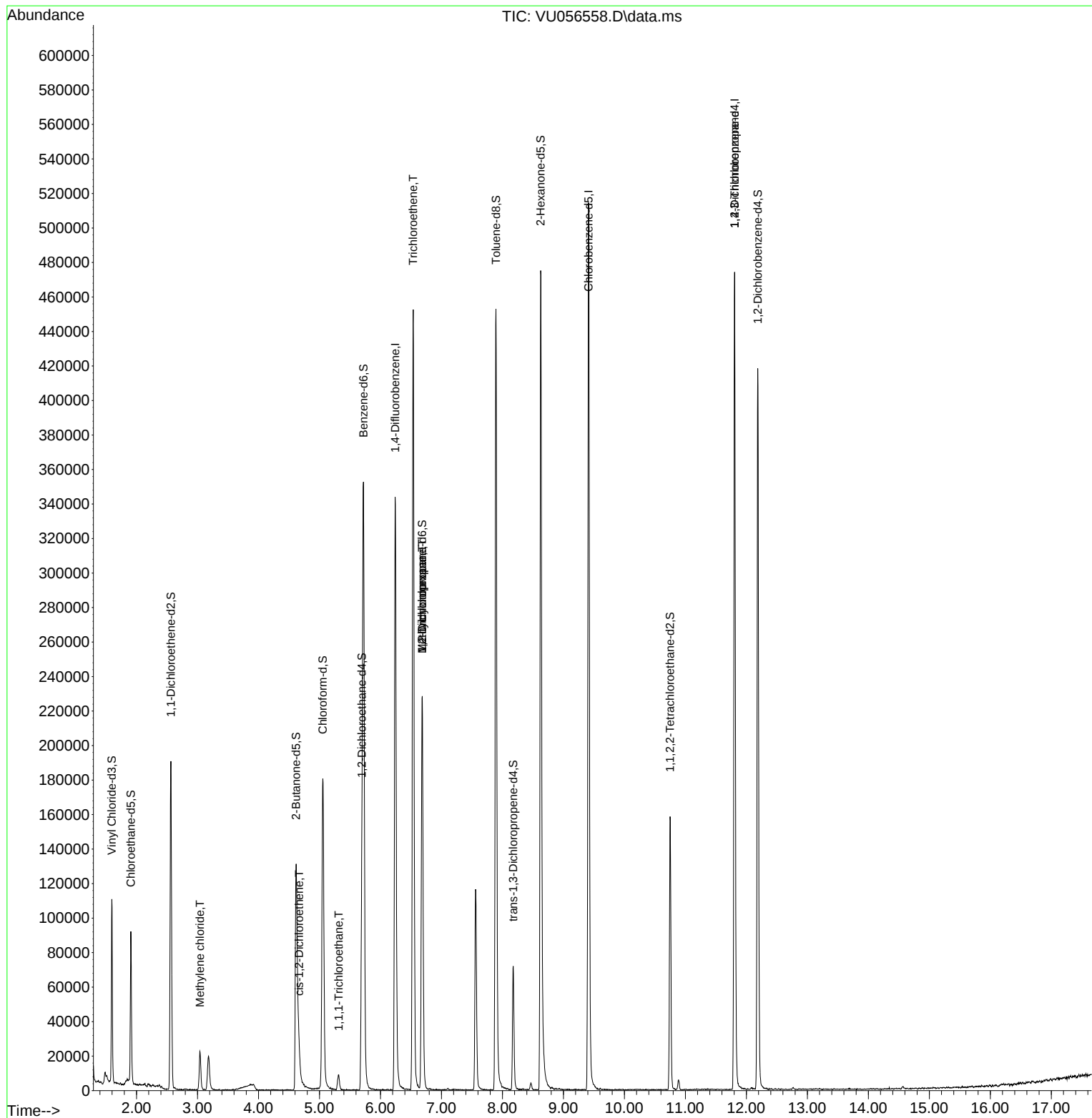
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	285802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	301818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75511	3.532	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.907	69	62584	3.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.400%	
11) 1,1-Dichloroethene-d2	2.563	65	36509	3.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.400%	
20) 2-Butanone-d5	4.618	46	187123	43.899	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.800%	
24) Chloroform-d	5.055	84	175250	4.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	5.695	65	88248	4.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.721	84	342523	3.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.685	67	113526	4.189	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.894	98	318510	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.177	79	43103	4.147	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.627	63	161839	39.621	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.240%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79649	4.113	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	111090	4.771	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	11496	0.497	ug/L	90
22) cis-1,2-Dichloroethene	4.666	96	5495	0.269	ug/L	99
29) 1,1,1-Trichloroethane	5.316	97	6265	0.181	ug/L #	84
34) Trichloroethene	6.537	95	163532	6.969	ug/L	99
35) Methylcyclohexane	6.682	83	25908	0.765	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	12479	0.556	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	15332	1.418	ug/L #	69

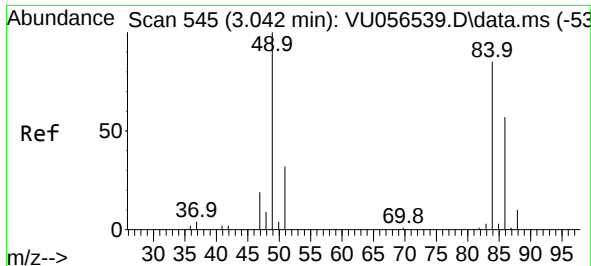
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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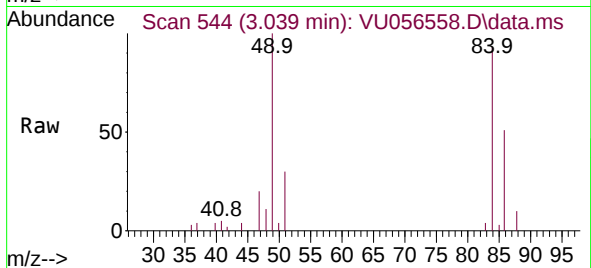
Quant Time: Nov 21 23:36:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
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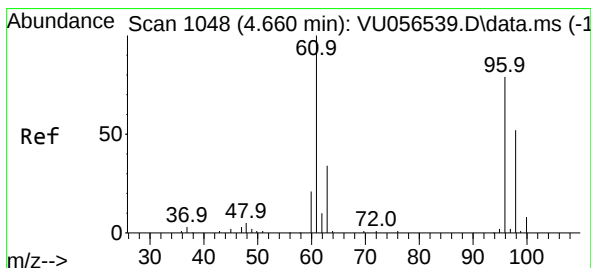
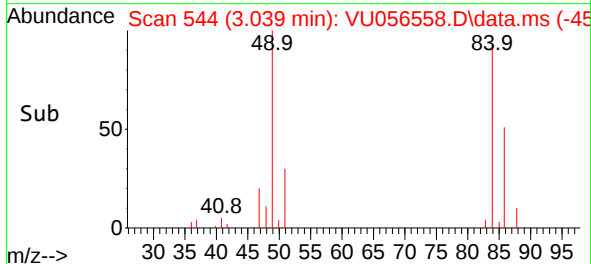
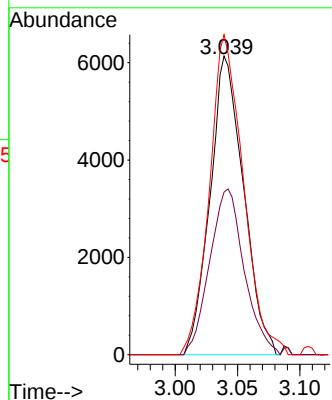


#16
Methylene chloride
Concen: 0.497 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU056558.D
Acq: 21 Nov 2023 17:58

Instrument :
MSVOA_U
ClientSampleId :

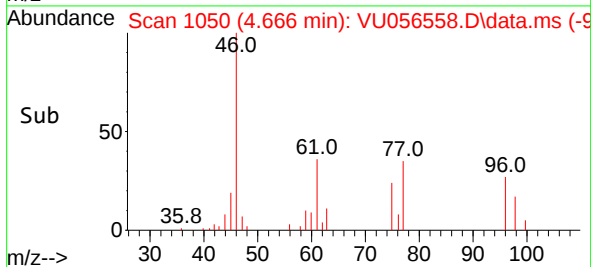
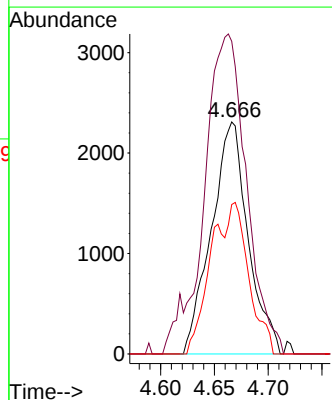
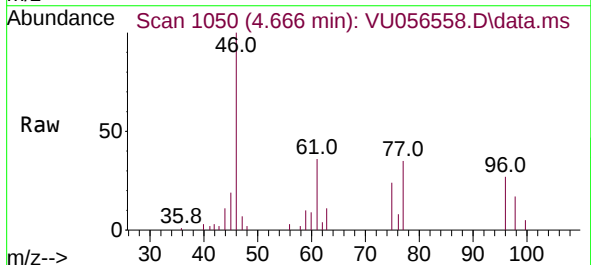


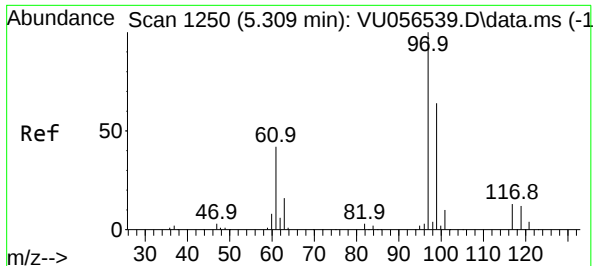
Tgt Ion: 84 Resp: 11496
Ion Ratio Lower Upper
84 100
86 54.5 44.7 83.1
49 107.2 81.8 152.0



#22
cis-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU056558.D
Acq: 21 Nov 2023 17:58

Tgt Ion: 96 Resp: 5495
Ion Ratio Lower Upper
96 100
61 134.8 93.2 173.2
98 64.4 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.181 ug/L

RT: 5.316 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU056558.D

Acq: 21 Nov 2023 17:58

Instrument :

MSVOA_U

ClientSampleId :

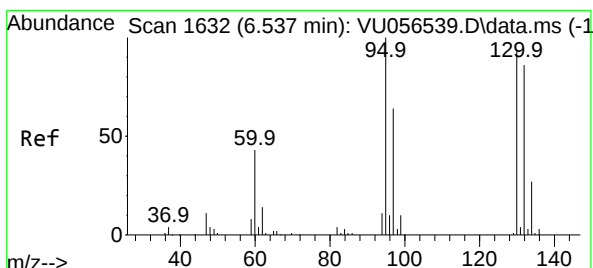
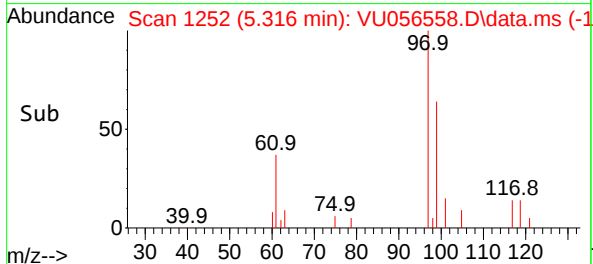
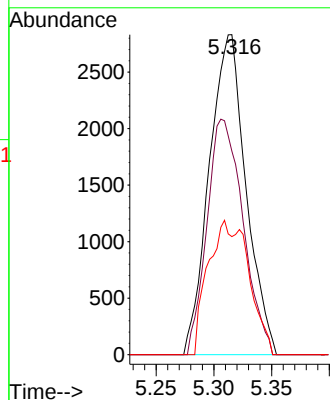
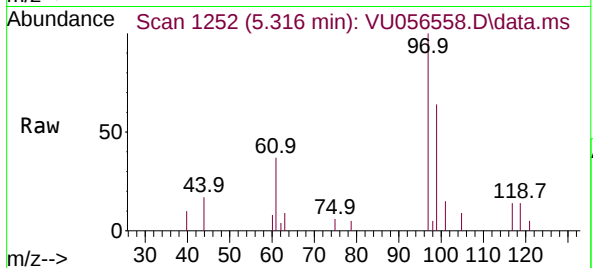
Tgt Ion: 97 Resp: 6265

Ion Ratio Lower Upper

97 100

99 72.3 51.6 77.4

61 27.3 34.3 51.5#



#34

Trichloroethene

Concen: 6.969 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056558.D

Acq: 21 Nov 2023 17:58

Tgt Ion: 95 Resp: 163532

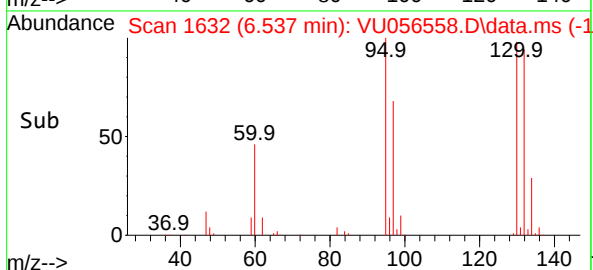
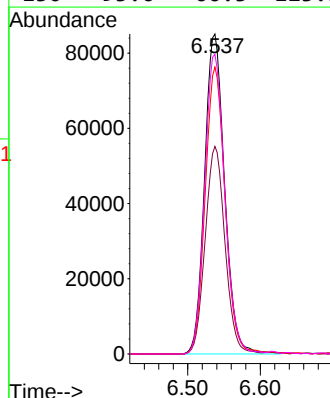
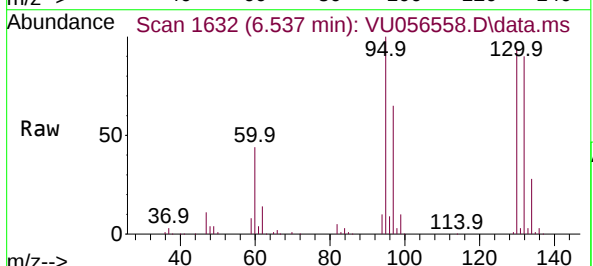
Ion Ratio Lower Upper

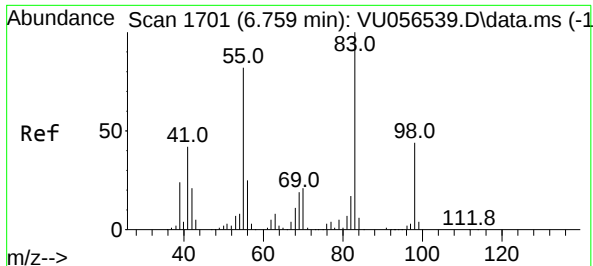
95 100

97 64.9 46.5 86.3

132 89.6 62.0 115.2

130 93.6 66.3 123.1

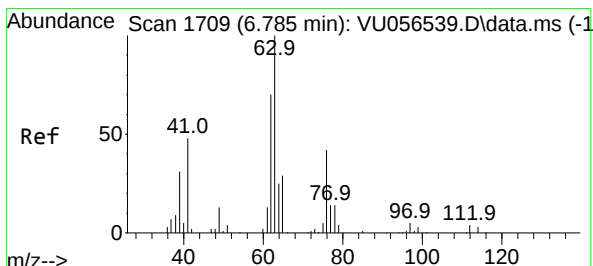
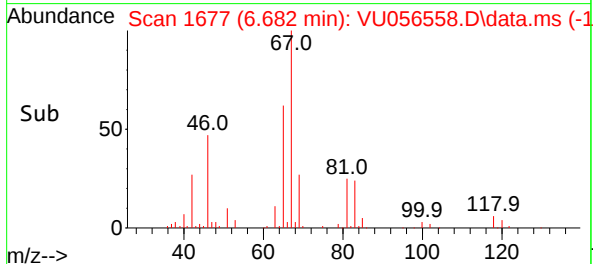
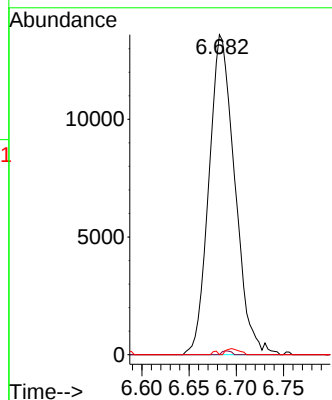
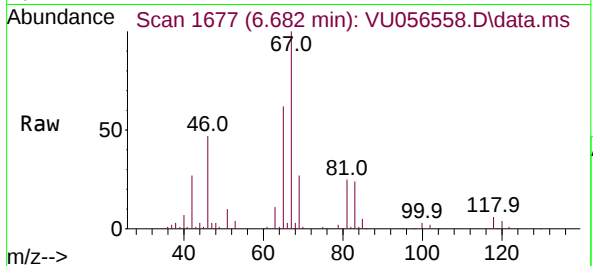




#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056558.D
Acq: 21 Nov 2023 17:58

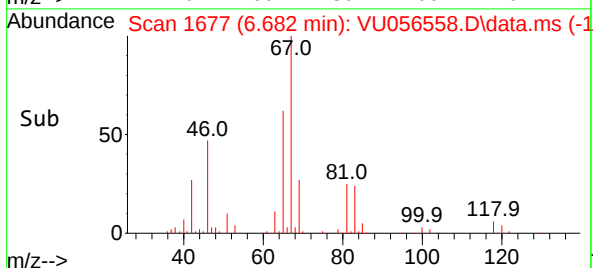
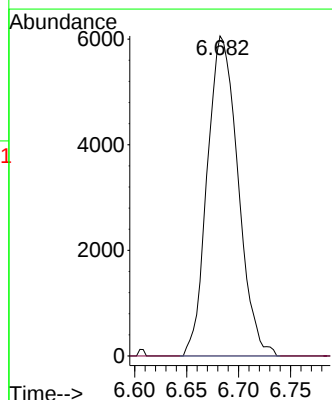
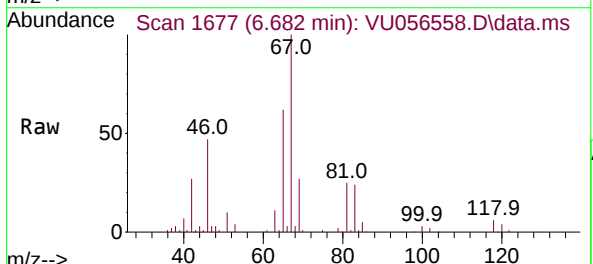
Instrument :
MSVOA_U
ClientSampleId :

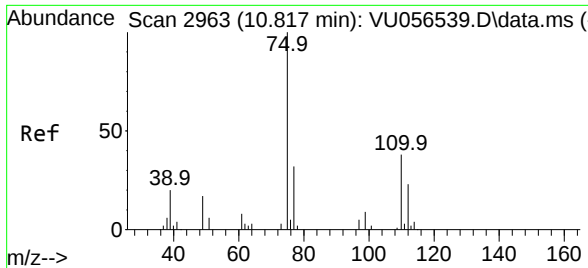
Tgt Ion: 83 Resp: 25908
Ion Ratio Lower Upper
83 100
55 0.4 62.9 94.3#
98 1.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056558.D
Acq: 21 Nov 2023 17:58

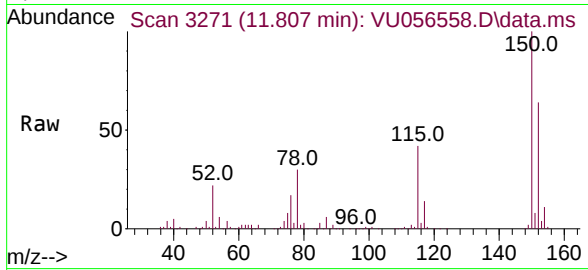
Tgt Ion: 63 Resp: 12479
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.418 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056558.D
 Acq: 21 Nov 2023 17:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	15332
Ion	Ratio	Lower	Upper
75	100		
110	3.3	30.4	45.6#
77	32.7	27.0	40.6

