

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056552.D
 Acq On : 21 Nov 2023 15:32
 Operator : MD/SY
 Sample : 05411-10REDL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:35:12 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)

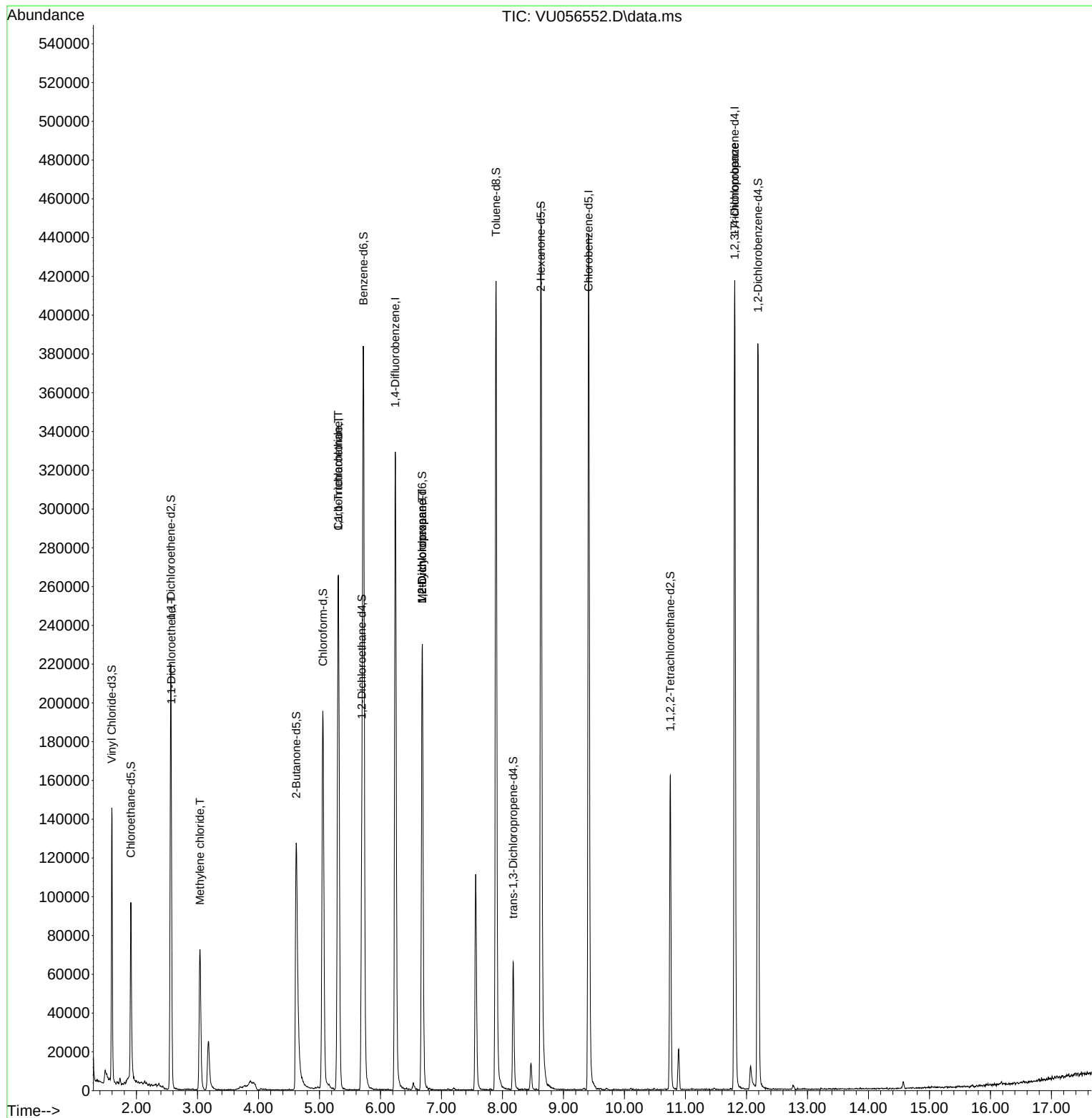
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	270599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101045	4.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.908	69	68309	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.563	65	42984	4.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.618	46	197730	48.993	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.980%
24) Chloroform-d	5.055	84	188569	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	94584	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	367259	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	112563	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	296575	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.177	79	40181	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.628	63	160699	46.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81275	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	100083	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2678	0.162	ug/L #	1
16) Methylene chloride	3.039	84	37098	1.692	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	199082	6.740	ug/L	100
31) Carbon tetrachloride	5.309	117	24815	0.978	ug/L	98
35) Methylcyclohexane	6.682	83	26608	0.921	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	12969	0.677	ug/L #	88
61) 1,2,3-Trichloropropane	11.804	75	13129	1.353	ug/L #	65

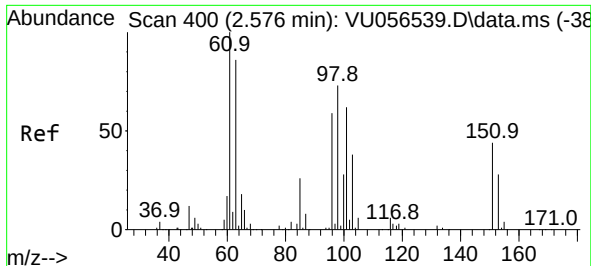
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.162 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

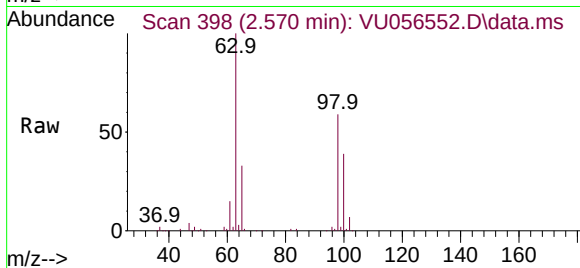
Lab File: VU056552.D

Acq: 21 Nov 2023 15:32

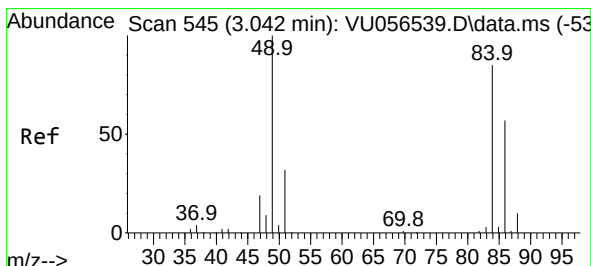
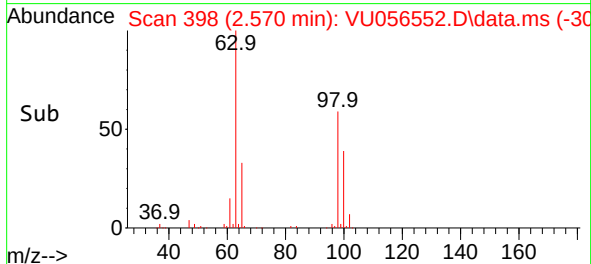
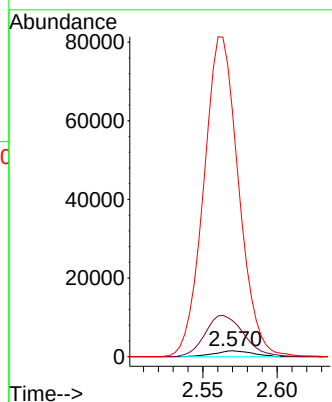
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2678
Ion	Ratio	Lower	Upper
96	100		
61	610.8	123.1	228.7#
63	4160.4	93.3	173.3#



#16

Methylene chloride

Concen: 1.692 ug/L

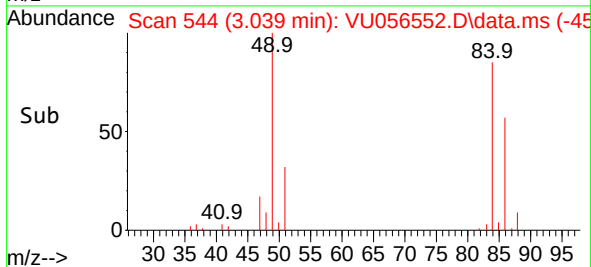
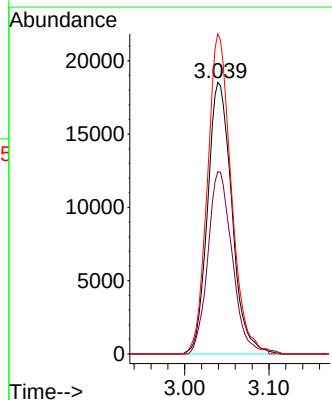
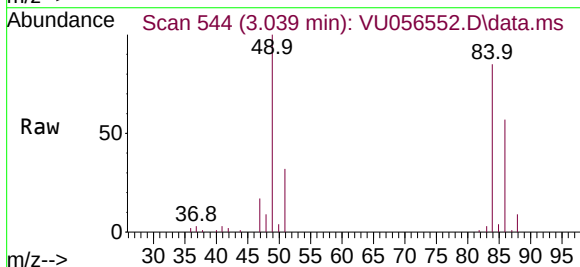
RT: 3.039 min Scan# 544

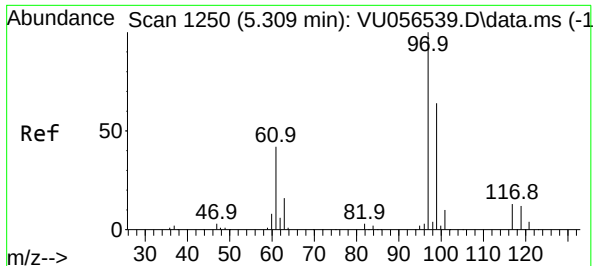
Delta R.T. -0.003 min

Lab File: VU056552.D

Acq: 21 Nov 2023 15:32

Tgt Ion:	84	Resp:	37098
Ion	Ratio	Lower	Upper
84	100		
86	67.2	44.7	83.1
49	117.9	81.8	152.0





#29

1,1,1-Trichloroethane

Concen: 6.740 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU056552.D

Acq: 21 Nov 2023 15:32

Instrument :

MSVOA_U

ClientSampleId :

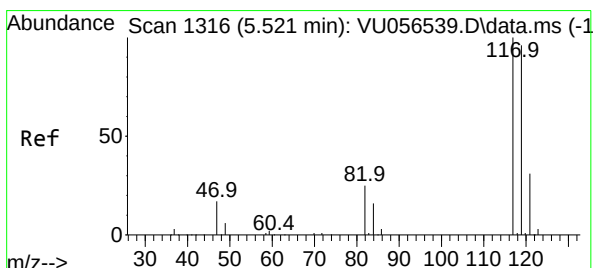
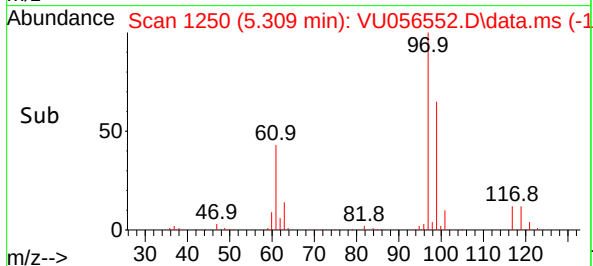
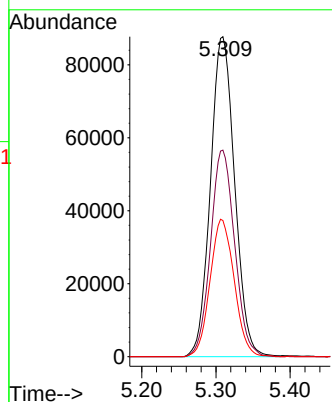
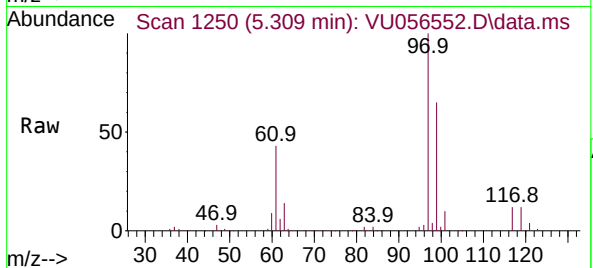
Tgt Ion: 97 Resp: 199082

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 42.7 34.3 51.5



#31

Carbon tetrachloride

Concen: 0.978 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.212 min

Lab File: VU056552.D

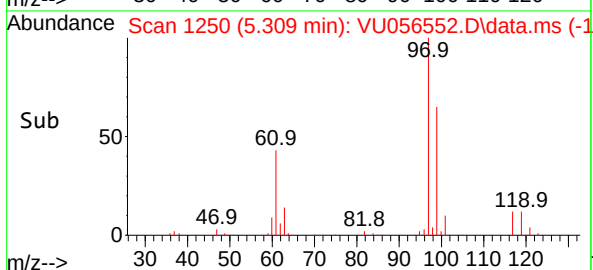
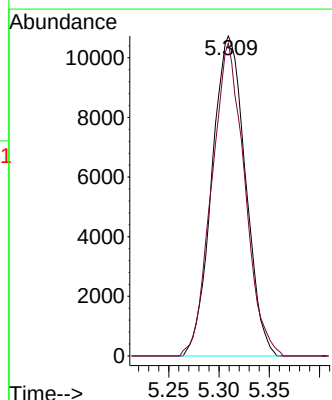
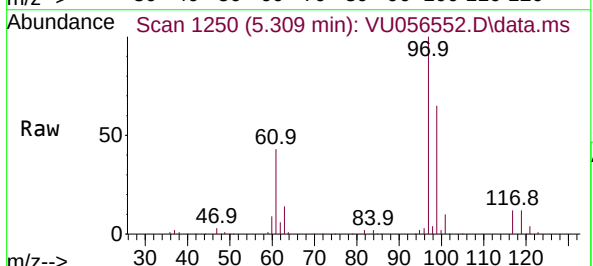
Acq: 21 Nov 2023 15:32

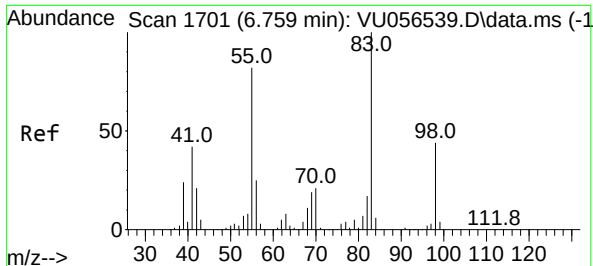
Tgt Ion: 117 Resp: 24815

Ion Ratio Lower Upper

117 100

119 96.0 78.1 117.1

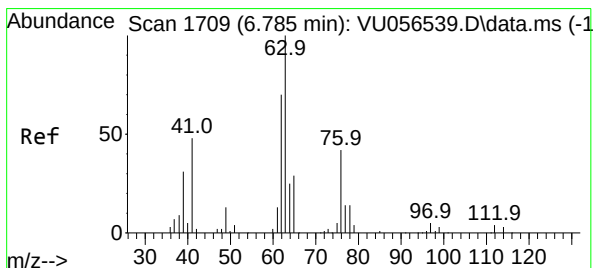
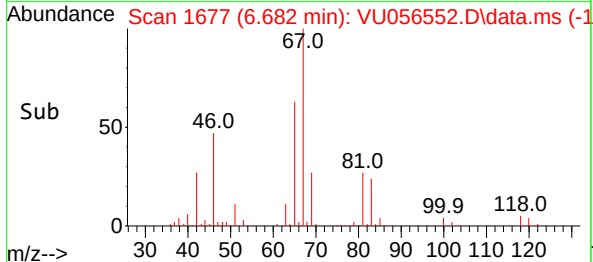
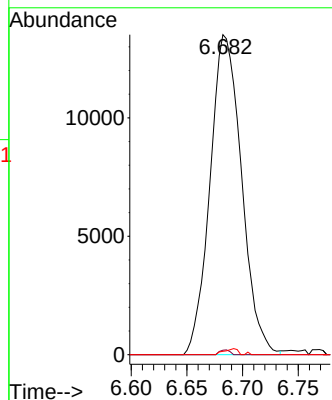
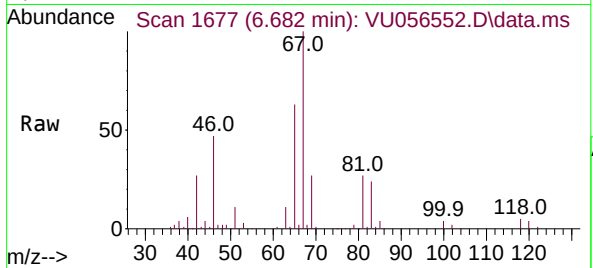




#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056552.D
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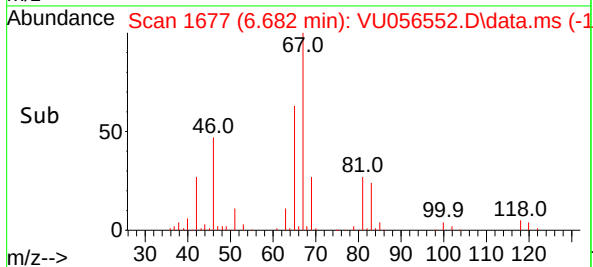
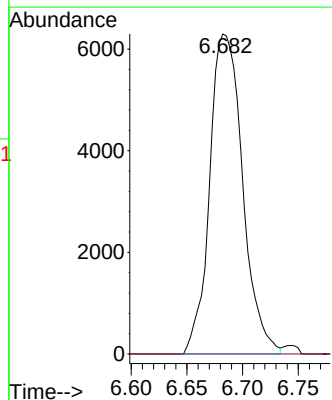
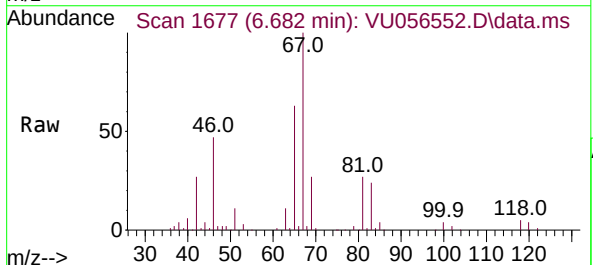
Instrument :
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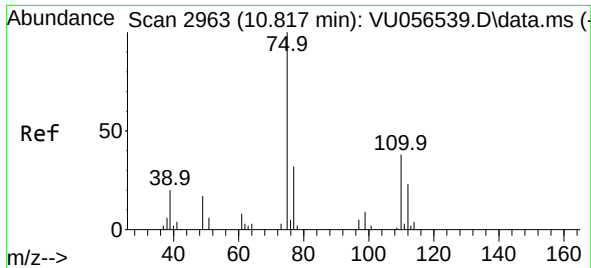
Tgt Ion: 83 Resp: 26608
Ion Ratio Lower Upper
83 100
55 0.5 62.9 94.3#
98 0.8 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056552.D
Acq: 21 Nov 2023 15:32

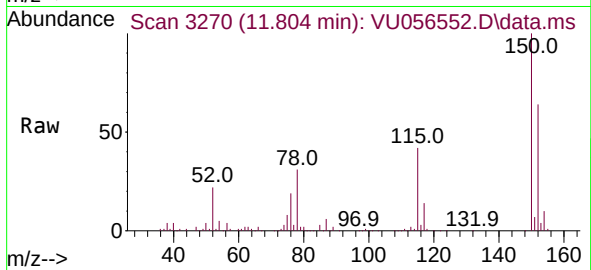
Tgt Ion: 63 Resp: 12969
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.353 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056552.D
 Acq: 21 Nov 2023 15:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.4	45.6#
77	37.5	27.0	40.6

