

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060184.D
 Acq On : 25 Jul 2024 20:18
 Operator : MD/SY
 Sample : P3335-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 02:43:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

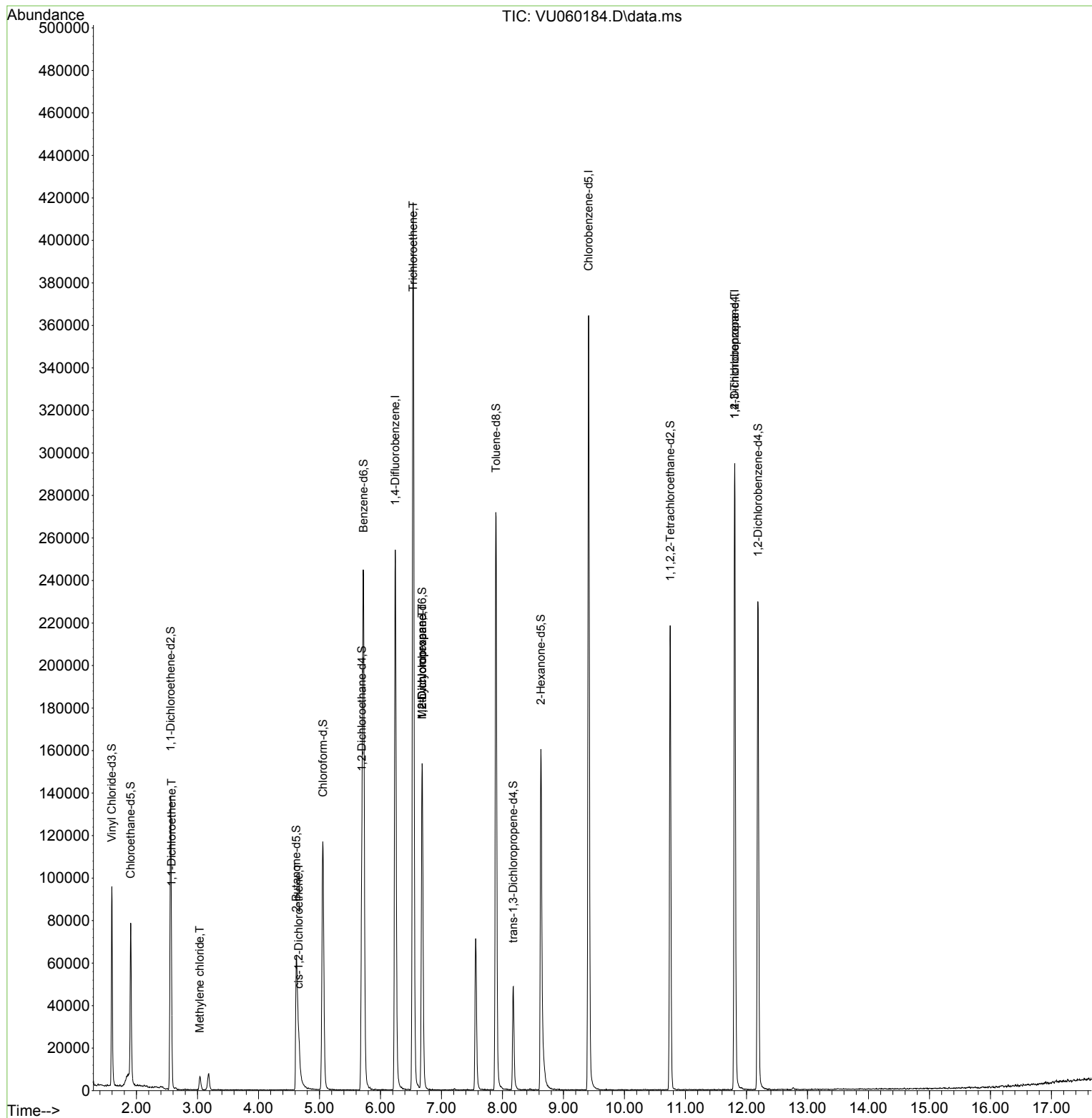
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213924	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217375	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83214	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70654	51.439	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	102.880%	
7) Chloroethane-d5	1.904	69	57072	49.399	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.560	63	82240	33.703	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.400%	
21) 2-Butanone-d5	4.621	46	98789	103.492	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.490%	
24) Chloroform-d	5.055	84	114008	42.862	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.720%	
26) 1,2-Dichloroethane-d4	5.695	65	69881	44.185	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.380%	
32) Benzene-d6	5.721	84	233689	41.983	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.960%	
36) 1,2-Dichloropropane-d6	6.682	67	80136	46.516	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.040%	
41) Toluene-d8	7.894	98	192287	36.325	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	72.660%#	
43) trans-1,3-Dichloroprop...	8.174	79	30358	37.658	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.320%	
47) 2-Hexanone-d5	8.631	63	55133	75.936	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	75.940%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116815	44.177	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.360%	
66) 1,2-Dichlorobenzene-d4	12.187	152	64942	42.470	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.940%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2704	2.132	ug/L #	1
16) Methylene chloride	3.036	84	3470	2.169	ug/L	92
20) cis-1,2-Dichloroethene	4.660	96	3547	2.243	ug/L	96
34) Trichloroethene	6.534	95	150982	96.385	ug/L	95
35) Methylcyclohexane	6.682	83	17679	8.172	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7687	4.758	ug/L #	88
60) 1,2,3-Trichloropropane	11.807	75	10001	6.333	ug/L #	66

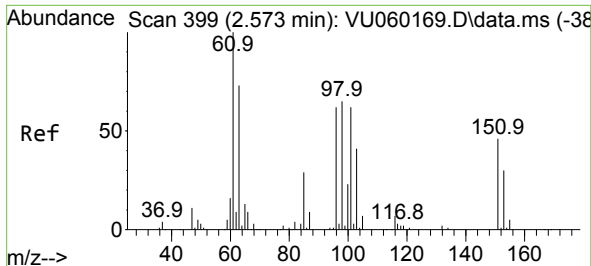
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 26 02:39:04 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.132 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

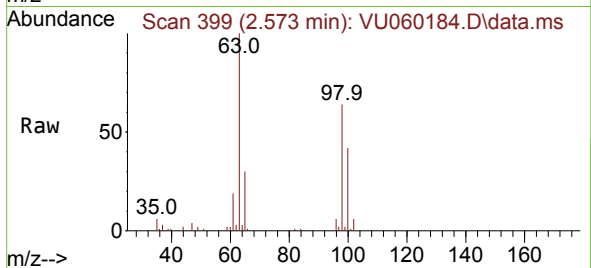
Lab File: VU060184.D

Acq: 25 Jul 2024 20:18

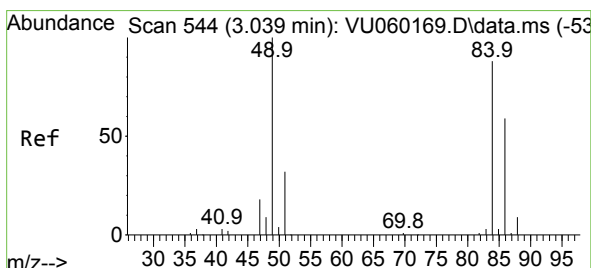
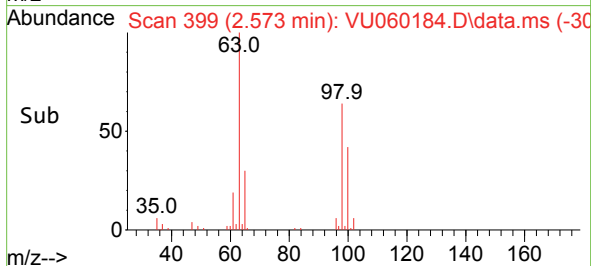
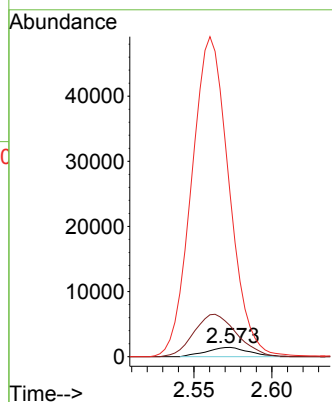
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2704
Ion	Ratio	Lower	Upper
96	100		
61	334.7	112.2	208.4#
63	1753.5	87.4	162.2#



#16

Methylene chloride

Concen: 2.169 ug/L

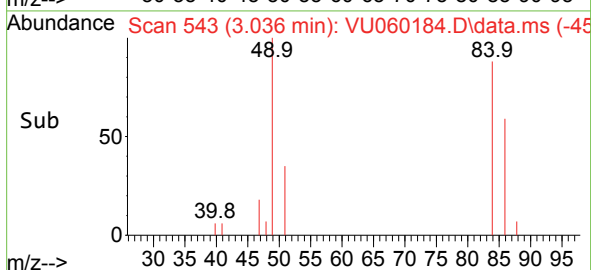
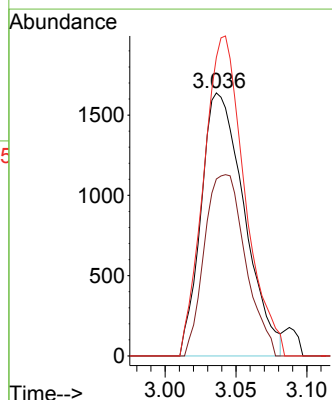
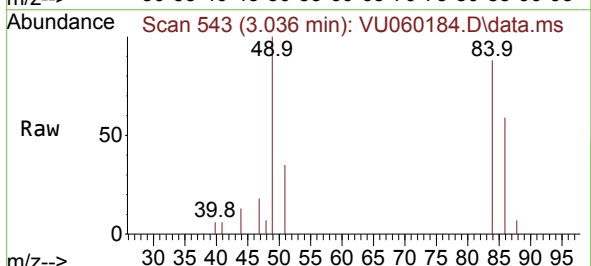
RT: 3.036 min Scan# 543

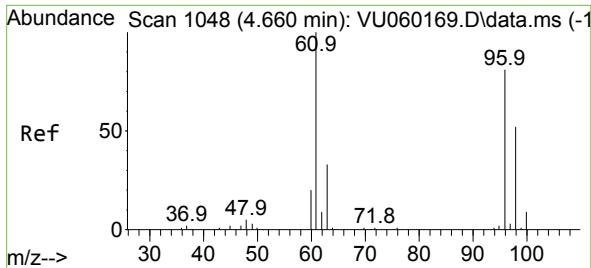
Delta R.T. -0.003 min

Lab File: VU060184.D

Acq: 25 Jul 2024 20:18

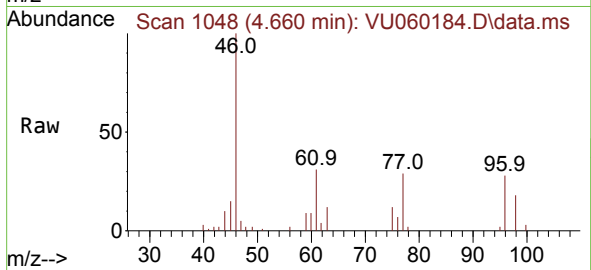
Tgt Ion:	84	Resp:	3470
Ion	Ratio	Lower	Upper
84	100		
86	67.3	44.7	83.1
49	113.5	71.6	133.0



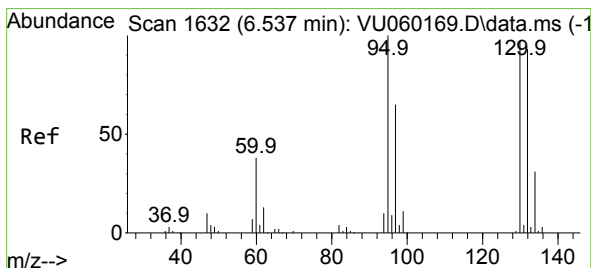
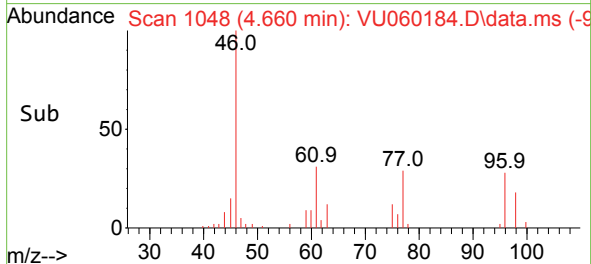
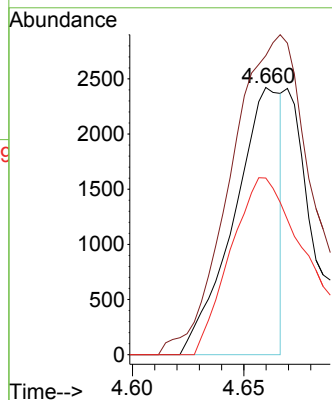


#20
cis-1,2-Dichloroethene
Concen: 2.243 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :

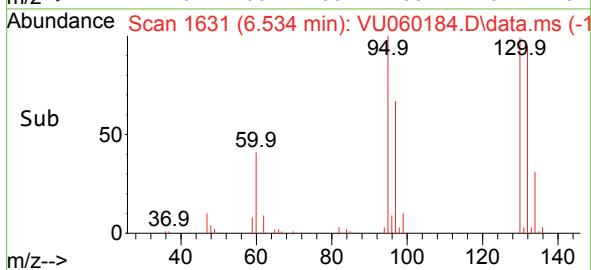
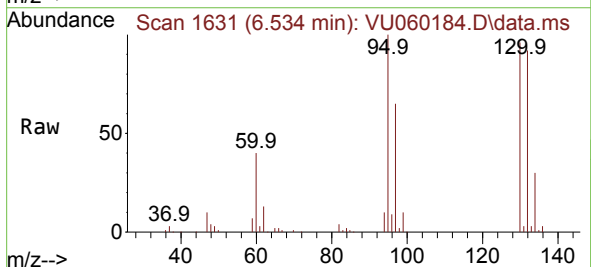
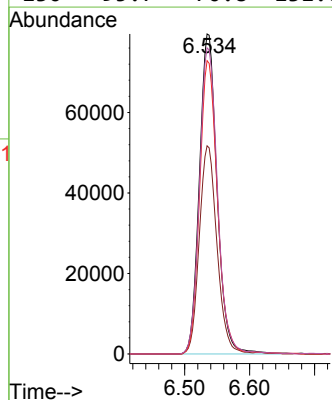


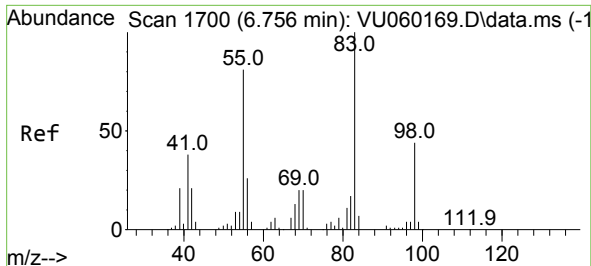
Tgt Ion: 96 Resp: 3547
Ion Ratio Lower Upper
96 100
61 111.9 83.2 154.4
98 66.1 45.9 85.3



#34
Trichloroethene
Concen: 96.385 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

Tgt Ion: 95 Resp: 150982
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 91.7 69.8 129.6
130 95.7 70.8 131.6

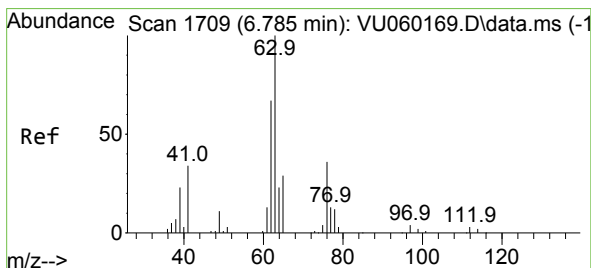
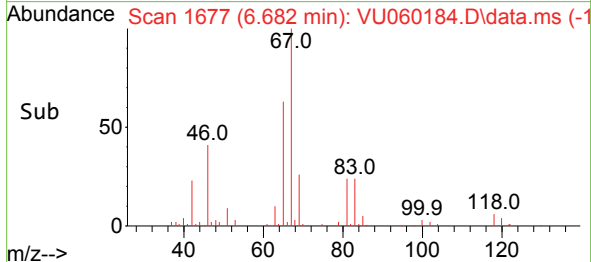
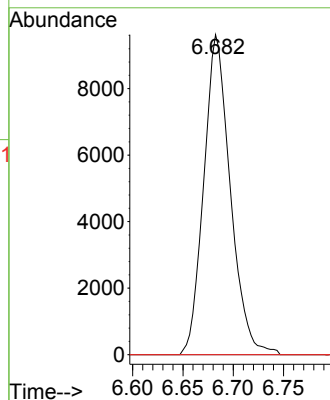
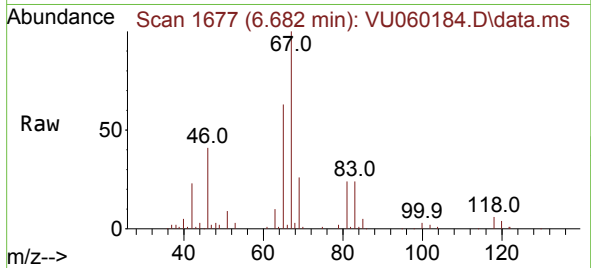




#35
Methylcyclohexane
Concen: 8.172 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

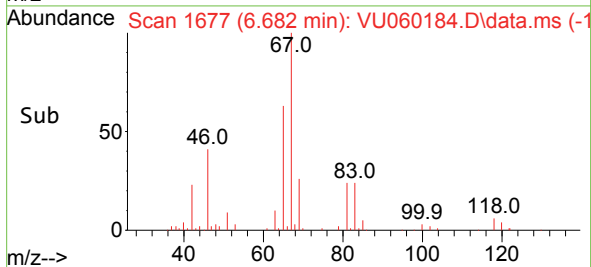
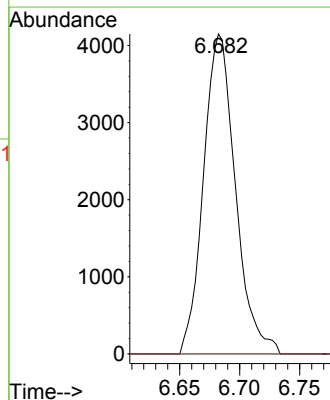
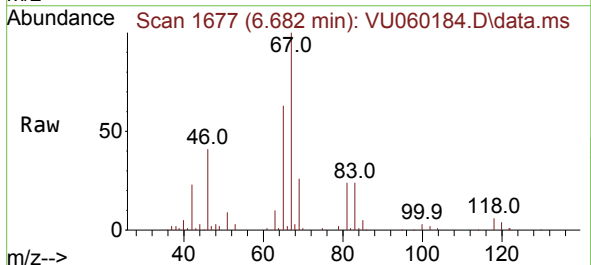
Instrument :
MSVOA_U
ClientSampleId :

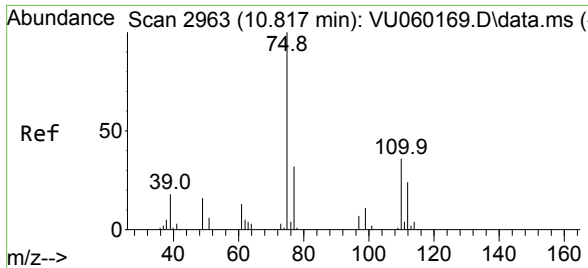
Tgt Ion: 83 Resp: 17679
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 1.9 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 4.758 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

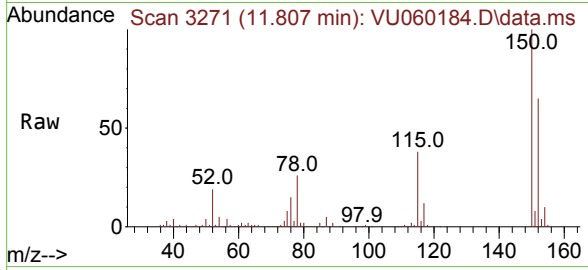
Tgt Ion: 63 Resp: 7687
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#60
 1,2,3-Trichloropropane
 Concen: 6.333 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060184.D
 Acq: 25 Jul 2024 20:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	10001
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
110	0.7	30.7	46.1#

