

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059880.D
 Acq On : 08 Jul 2024 13:59
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

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

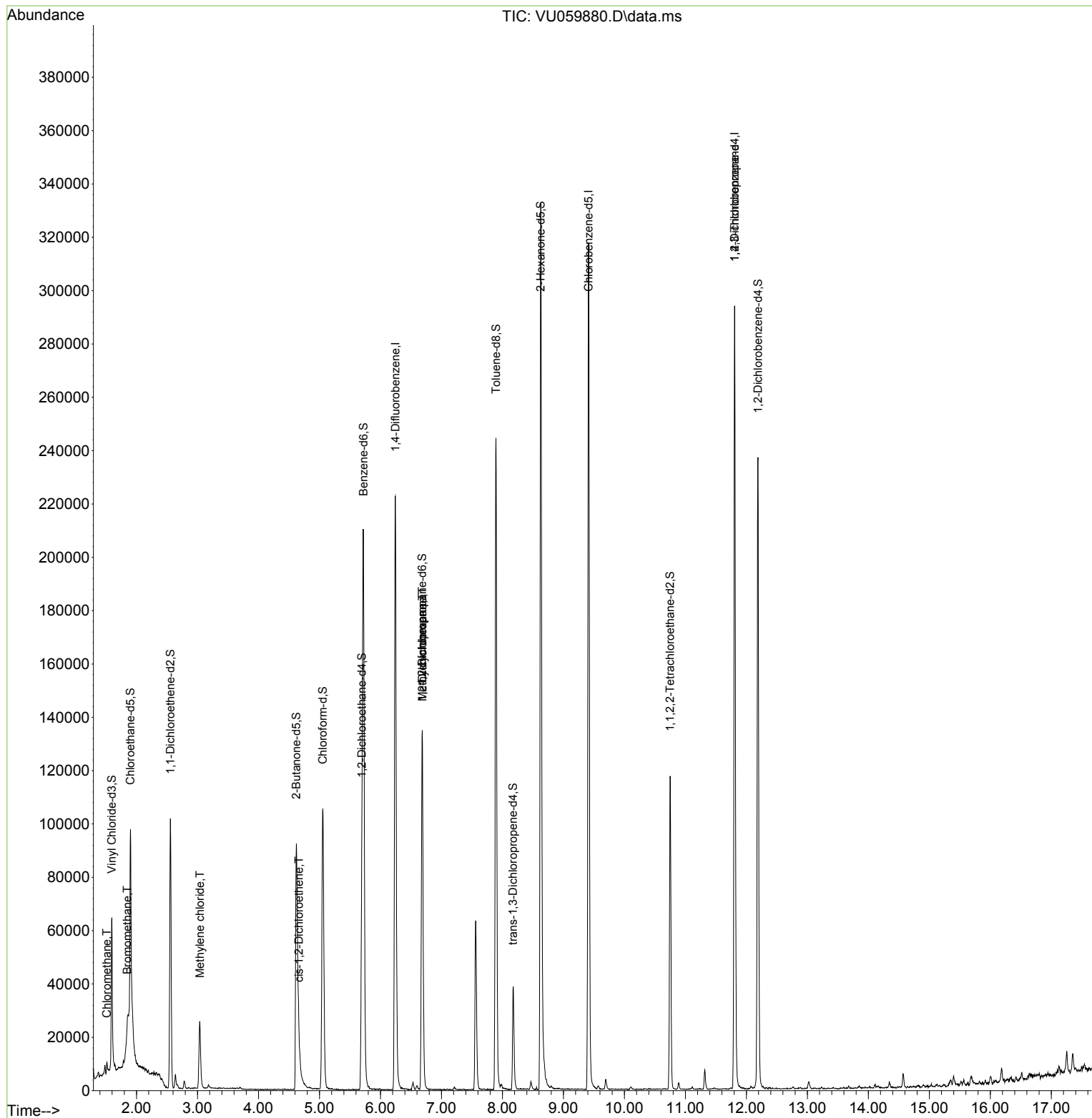
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	191008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45812	3.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.901	69	56540	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.557	65	18945	3.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.621	46	148140	54.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	5.055	84	103414	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.695	65	54966	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.721	84	203519	3.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.685	67	67611	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	171652	3.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.174	79	23049	4.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	117988	56.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61079	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	69428	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2887	0.166	ug/L	87
6) Bromomethane	1.849	94	2964	0.222	ug/L	95
16) Methylene chloride	3.039	84	13204	0.823	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	2276	0.147	ug/L	93
35) Methylcyclohexane	6.688	83	15533	0.695	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	6764	0.451	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	9050	1.159	ug/L #	69

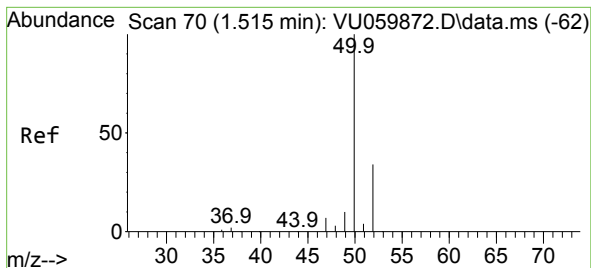
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.166 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU059880.D

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Instrument :

MSVOA_U

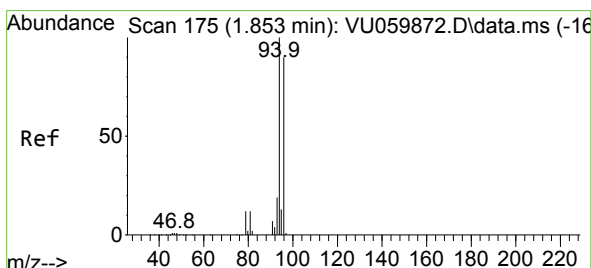
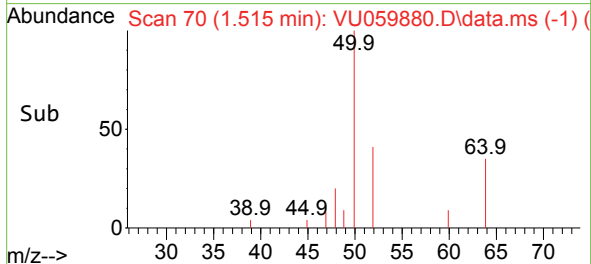
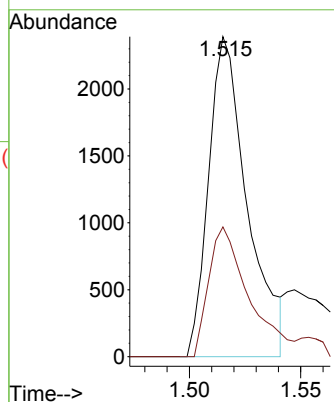
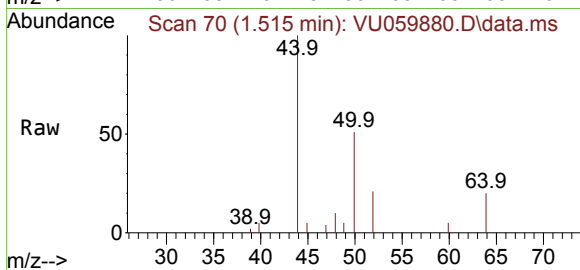
ClientSampleId :

Tgt Ion: 50 Resp: 2887

Ion Ratio Lower Upper

50 100

52 40.6 23.2 43.0



#6

Bromomethane

Concen: 0.222 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU059880.D

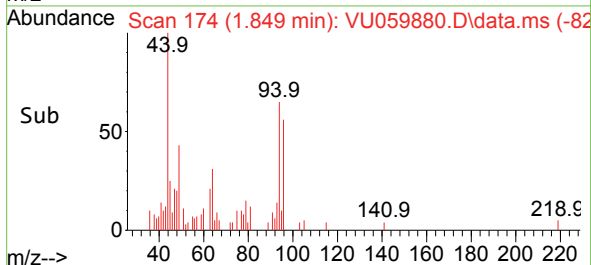
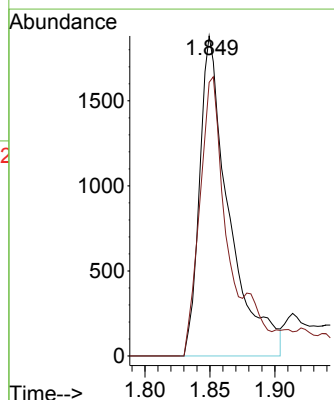
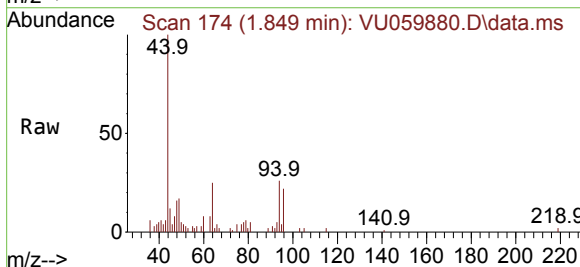
Acq: 08 Jul 2024 13:59

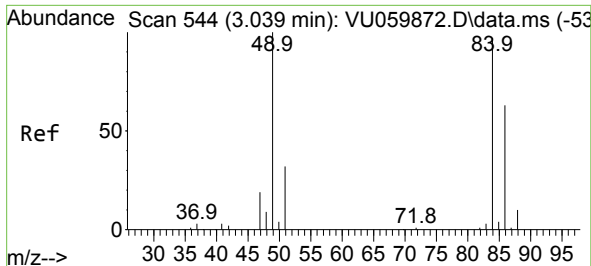
Tgt Ion: 94 Resp: 2964

Ion Ratio Lower Upper

94 100

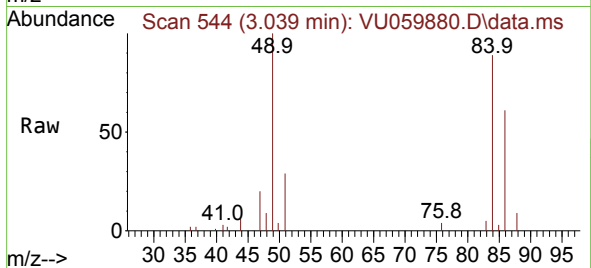
96 85.5 62.9 116.9



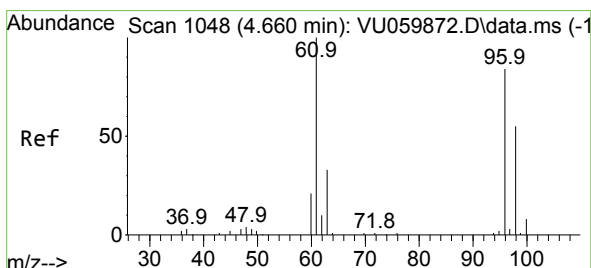
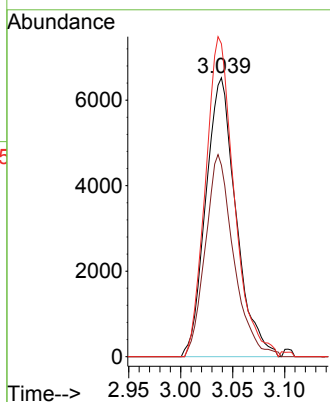
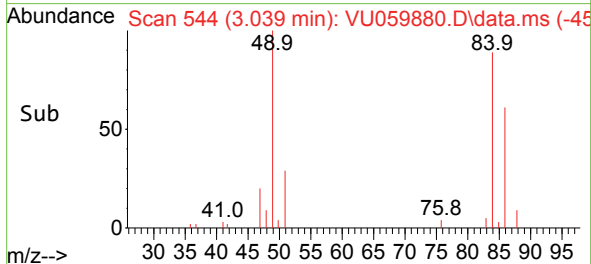


#16
Methylene chloride
Concen: 0.823 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059880.D
Acq: 08 Jul 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :

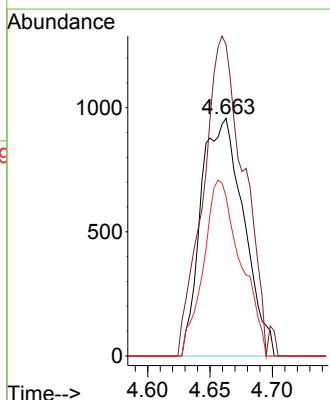
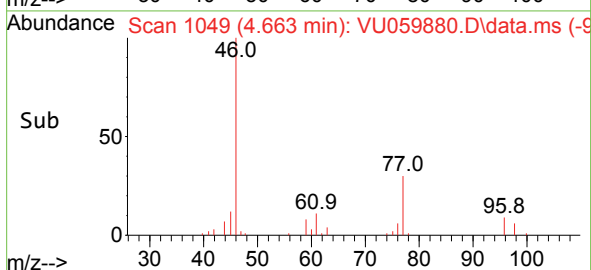
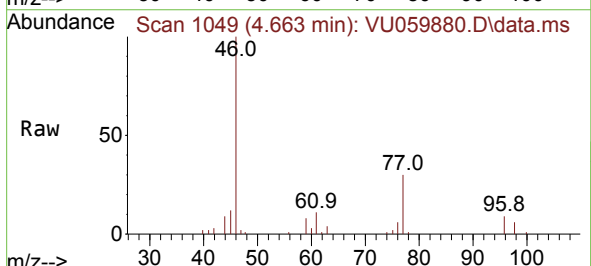


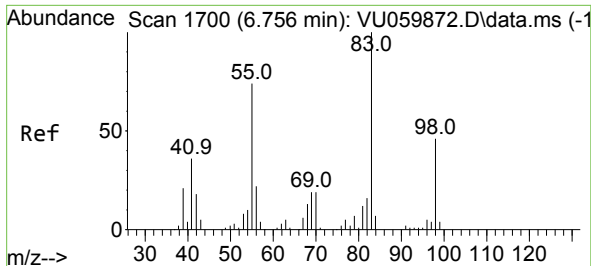
Tgt Ion: 84 Resp: 13204
Ion Ratio Lower Upper
84 100
86 68.7 42.1 78.1
49 116.5 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU059880.D
Acq: 08 Jul 2024 13:59

Tgt Ion: 96 Resp: 2276
Ion Ratio Lower Upper
96 100
61 131.0 87.4 162.2
98 67.2 42.3 78.5

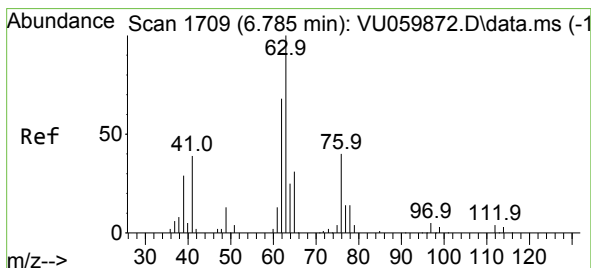
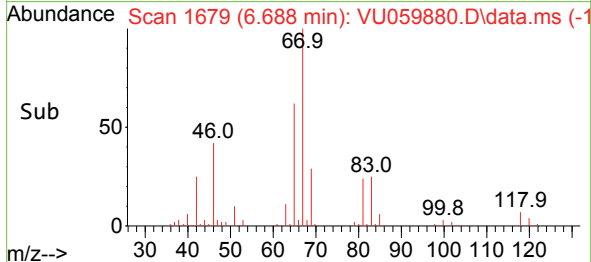
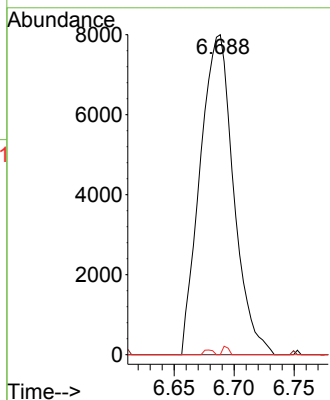
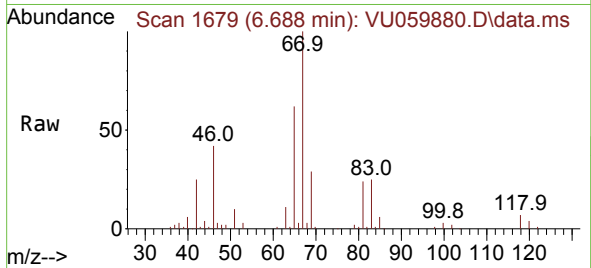




#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.068 min
Lab File: VU059880.D
Acq: 08 Jul 2024 13:59

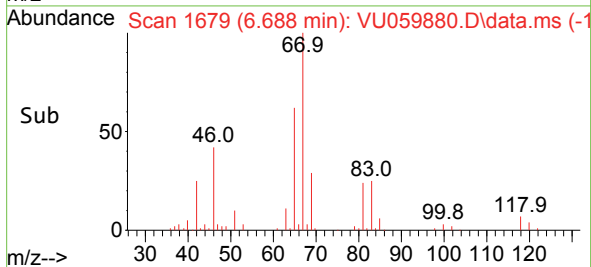
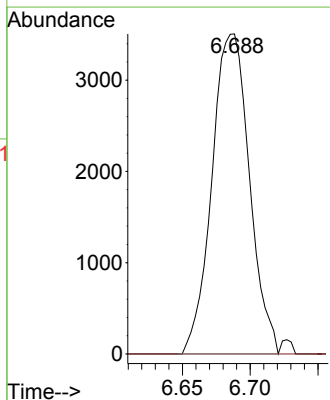
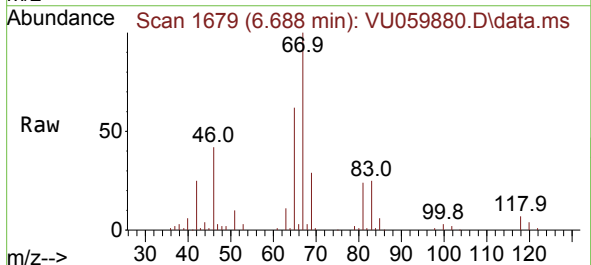
Instrument :
MSVOA_U
ClientSampleId :

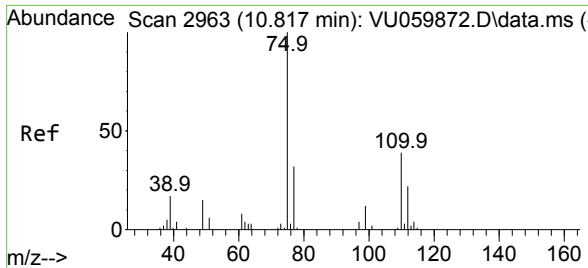
Tgt Ion	83	Resp	15533
Ion Ratio	Lower	Upper	
83	100		
55	0.1	62.7	94.1#
98	0.5	35.4	53.0#



#37
1,2-Dichloropropane
Concen: 0.451 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.097 min
Lab File: VU059880.D
Acq: 08 Jul 2024 13:59

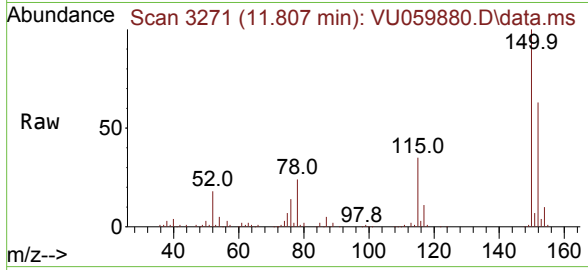
Tgt Ion	63	Resp	6764
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.6	3.8#





#61
1,2,3-Trichloropropane
Concen: 1.159 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059880.D
Acq: 08 Jul 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9050
Ion Ratio Lower Upper
75 100
110 1.6 27.1 40.7#
77 34.2 25.4 38.2

