

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057728.D
 Acq On : 29 Jan 2024 19:47
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 00:36:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

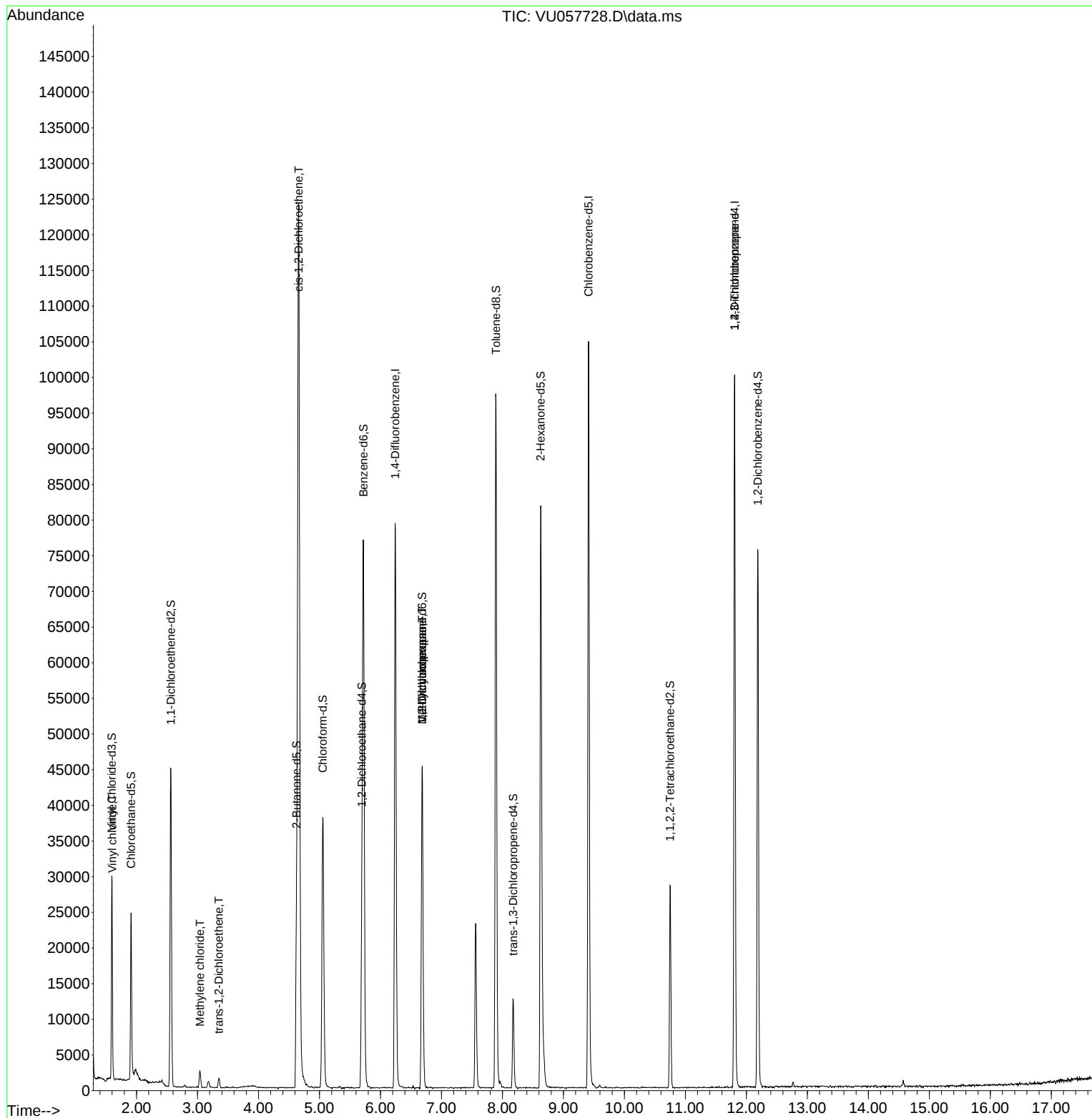
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18713	5.290	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.800%		
7) Chloroethane-d5	1.911	69	16433	5.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.563	65	8641	5.195	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.800%		
20) 2-Butanone-d5	4.624	46	36322	54.424	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.840%		
24) Chloroform-d	5.055	84	35439	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.800%		
26) 1,2-Dichloroethane-d4	5.695	65	17877	5.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.600%		
32) Benzene-d6	5.721	84	71934	5.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
36) 1,2-Dichloropropane-d6	6.682	67	21300	5.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.200%		
41) Toluene-d8	7.894	98	65025	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.000%		
43) trans-1,3-Dichloroprop...	8.177	79	7965	4.840	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.627	63	28542	54.357	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.720%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13805	4.988	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	19628	5.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.000%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.602	62	1862	0.321	ug/L	89
16) Methylene chloride	3.039	84	1162	0.232	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	577	0.117	ug/L	85
22) cis-1,2-Dichloroethene	4.660	96	63353	11.990	ug/L	99
35) Methylcyclohexane	6.682	83	4914	0.551	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2449	0.489	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	3480	1.338	ug/L #	65

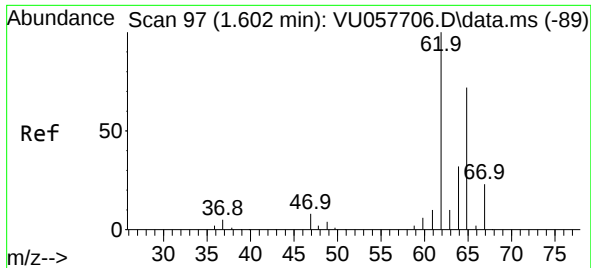
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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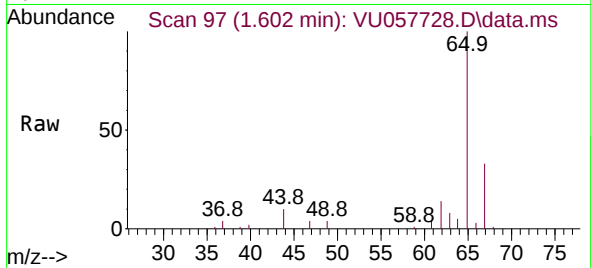
Quant Time: Jan 30 00:36:38 2024
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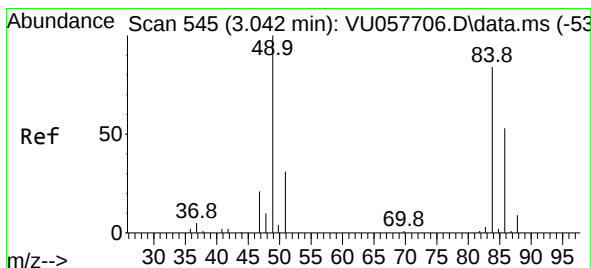
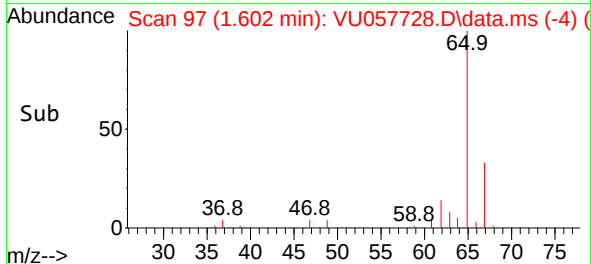
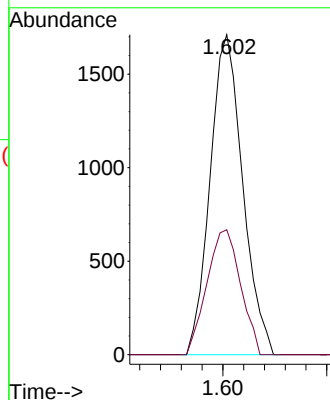


#5
 Vinyl chloride
 Concen: 0.321 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057728.D
 Acq: 29 Jan 2024 19:47

Instrument :
 MSVOA_U
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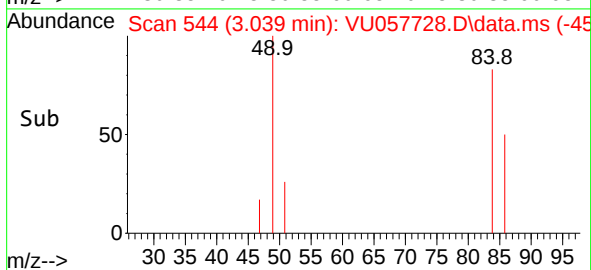
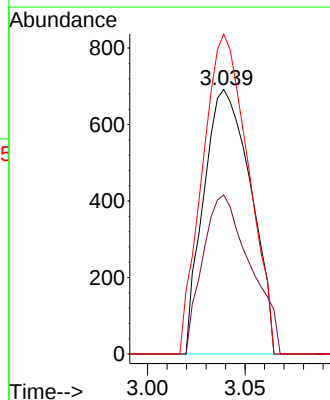
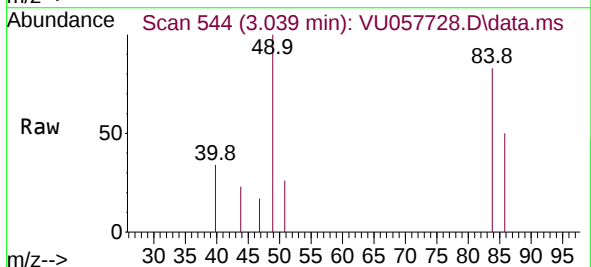


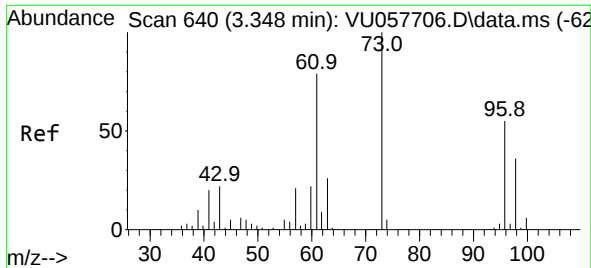
Tgt Ion: 62 Resp: 1862
 Ion Ratio Lower Upper
 62 100
 64 39.0 22.8 42.4



#16
 Methylene chloride
 Concen: 0.232 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.003 min
 Lab File: VU057728.D
 Acq: 29 Jan 2024 19:47

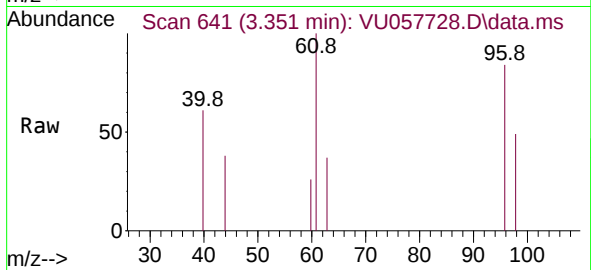
Tgt Ion: 84 Resp: 1162
 Ion Ratio Lower Upper
 84 100
 86 60.1 43.5 80.9
 49 121.0 82.5 153.1





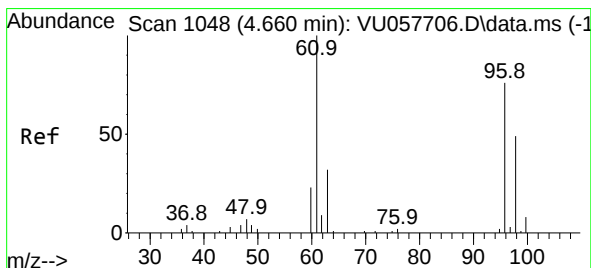
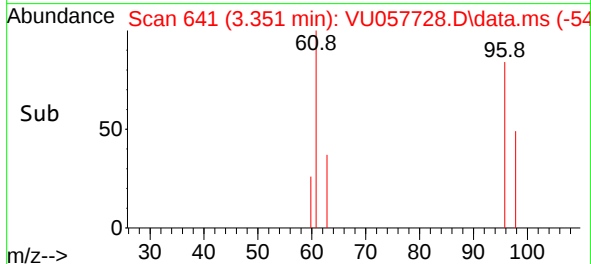
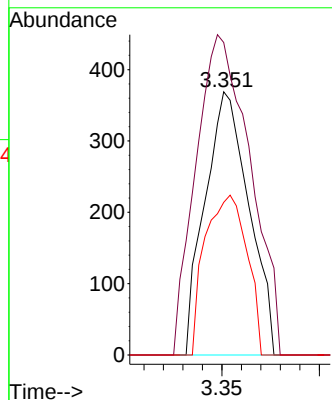
#18
 trans-1,2-Dichloroethene
 Concen: 0.117 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU057728.D
 Acq: 29 Jan 2024 19:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 577

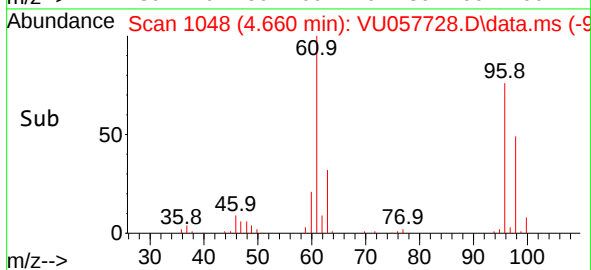
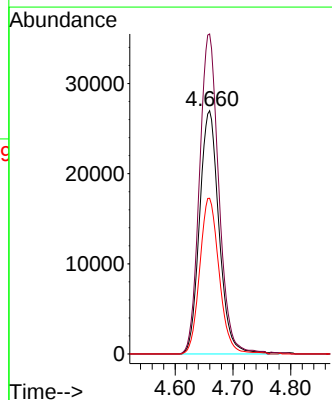
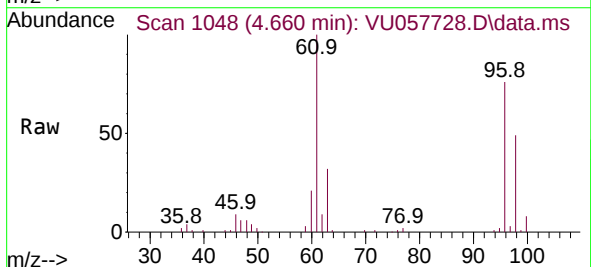
Ion	Ratio	Lower	Upper
96	100		
61	118.7	99.3	184.5
98	58.0	44.5	82.7

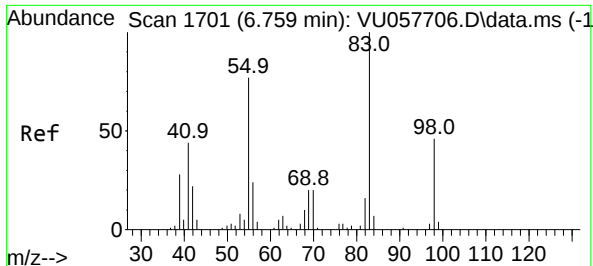


#22
 cis-1,2-Dichloroethene
 Concen: 11.990 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057728.D
 Acq: 29 Jan 2024 19:47

Tgt Ion: 96 Resp: 63353

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.7	172.1
98	64.0	44.9	83.5

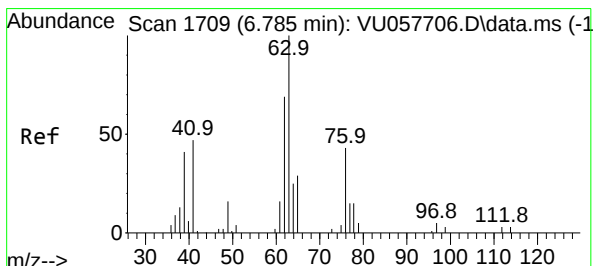
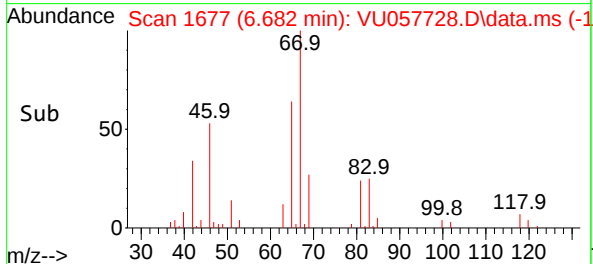
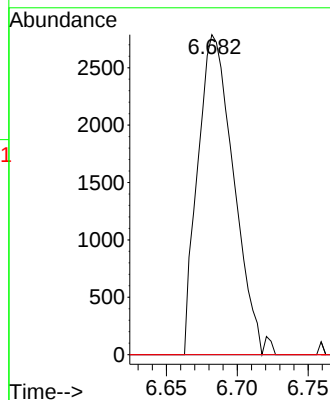
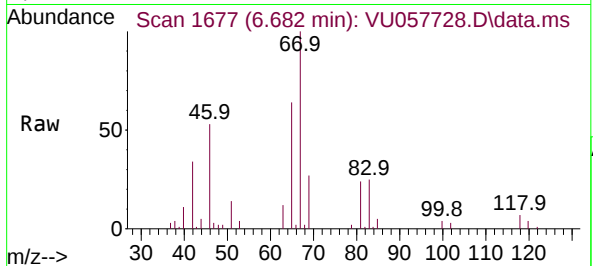




#35
Methylcyclohexane
Concen: 0.551 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057728.D
Acq: 29 Jan 2024 19:47

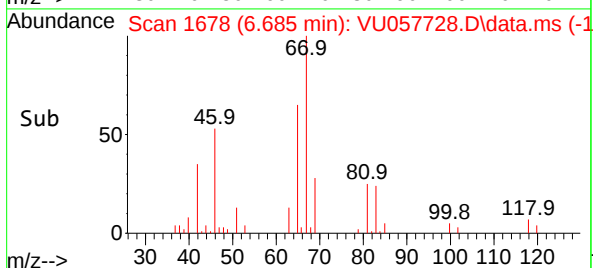
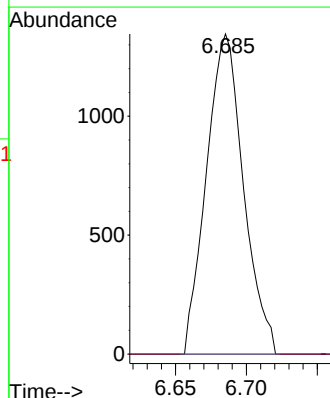
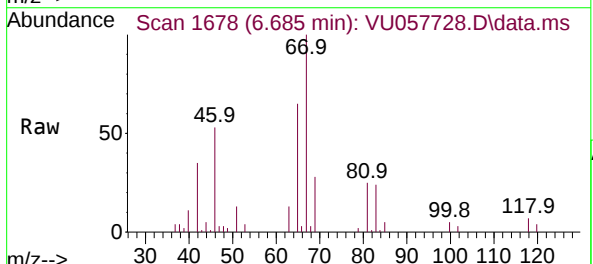
Instrument :
MSVOA_U
ClientSampleId :

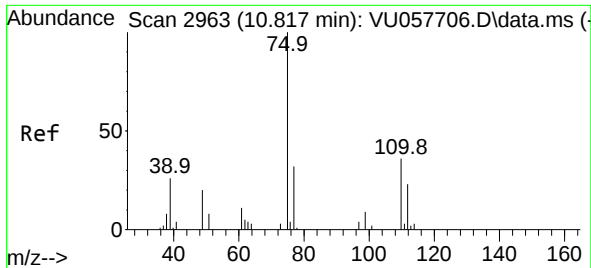
Tgt Ion: 83 Resp: 4914
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057728.D
Acq: 29 Jan 2024 19:47

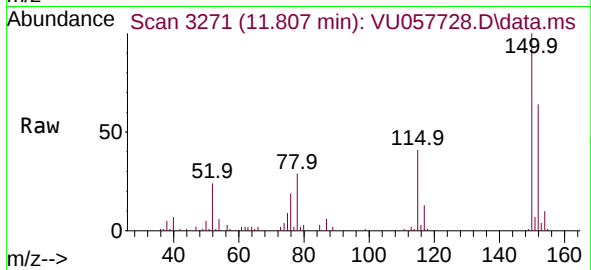
Tgt Ion: 63 Resp: 2449
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.338 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057728.D
 Acq: 29 Jan 2024 19:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3480
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.1 45.1#
 77 30.0 25.5 38.3

