

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059860.D
 Acq On : 05 Jul 2024 14:31
 Operator : MD/SY
 Sample : P3137-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:04:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

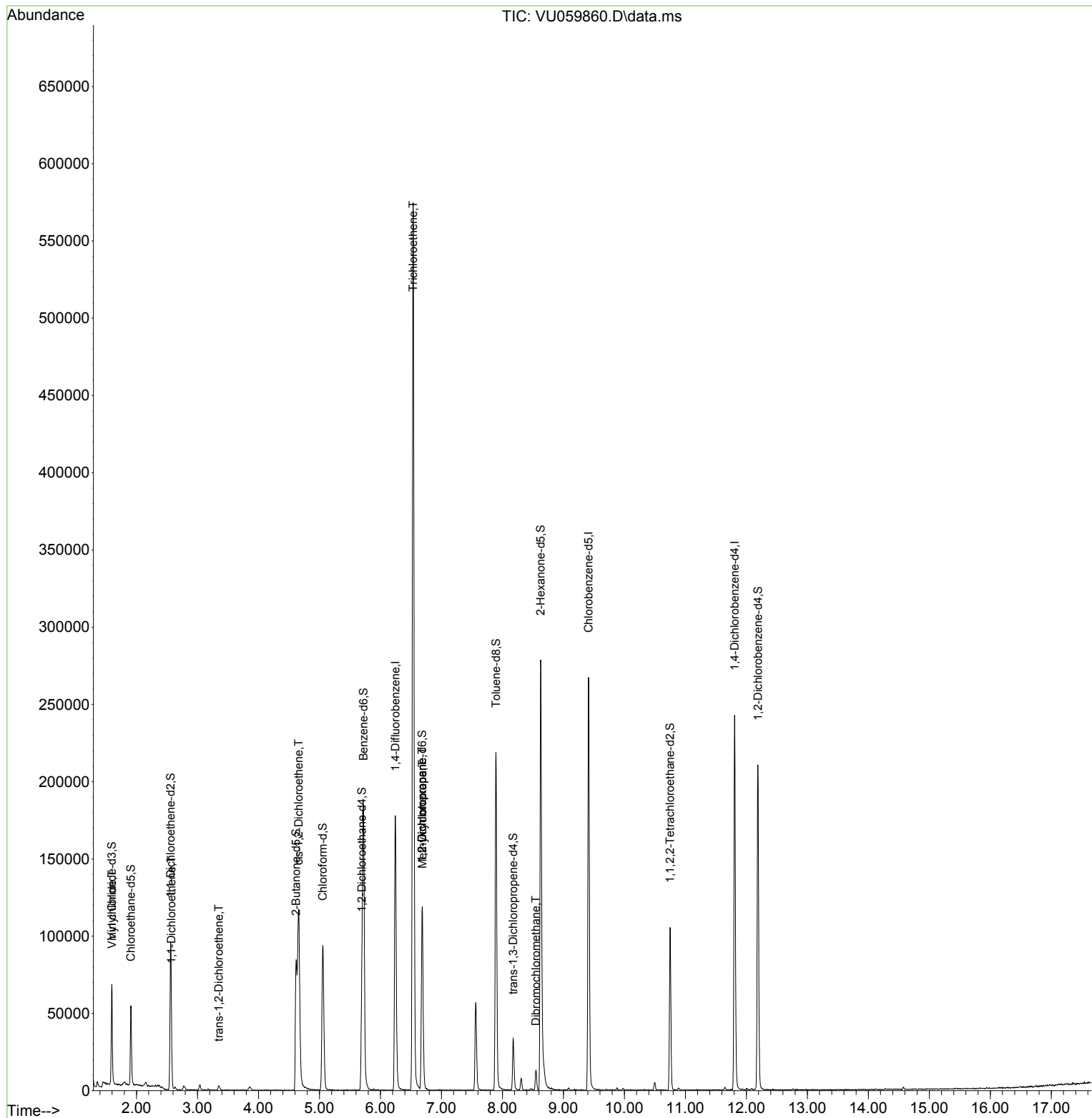
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43169	4.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	40417	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	17438	3.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.618	46	122453	55.827	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.660%
24) Chloroform-d	5.055	84	92422	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.695	65	49264	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	184316	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.685	67	61738	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	155838	3.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.177	79	21031	4.924	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.627	63	97093	54.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54759	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	62008	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2788	0.181	ug/L #	1
12) 1,1-Dichloroethene	2.573	96	2546	0.234	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	1370	0.121	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	60329	4.846	ug/L	92
34) Trichloroethene	6.534	95	204933	15.406	ug/L	97
35) Methylcyclohexane	6.689	83	14096	0.745	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5970	0.470	ug/L #	90
49) Dibromochloromethane	8.550	129	3112	0.300	ug/L #	12

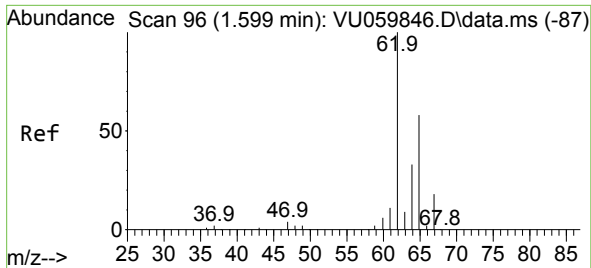
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

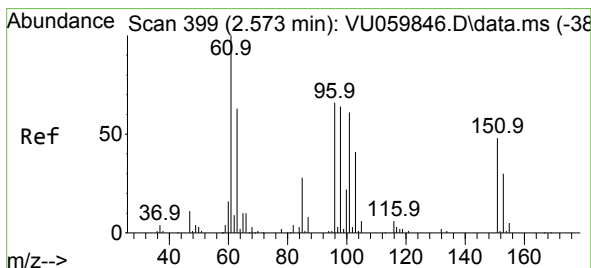
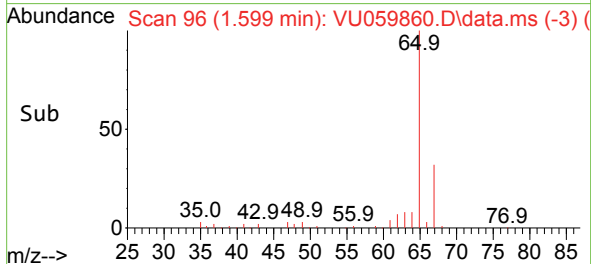
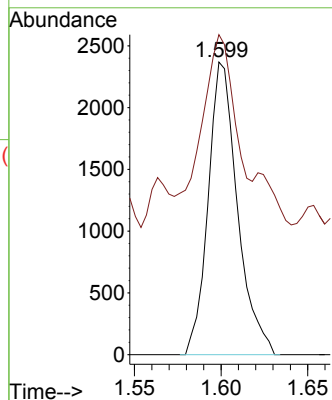
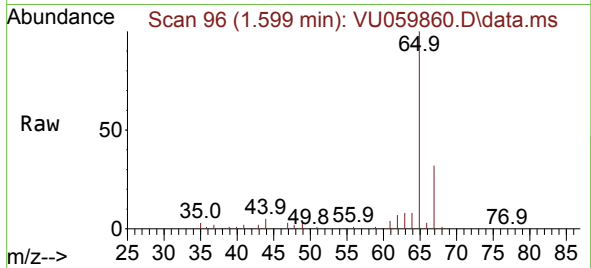




#5
 Vinyl chloride
 Concen: 0.181 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059860.D
 Acq: 05 Jul 2024 14:31

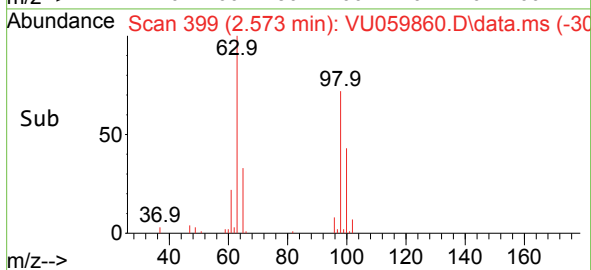
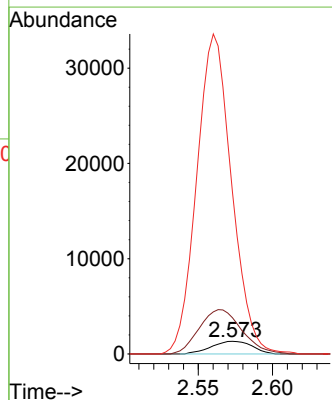
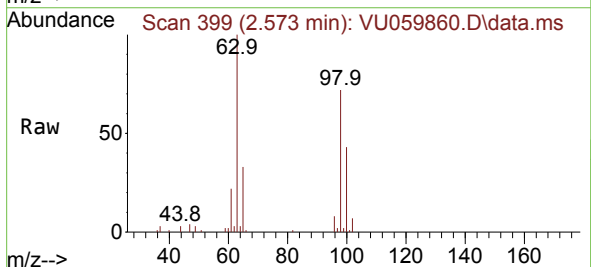
Instrument :
 MSVOA_U
 ClientSampleId :

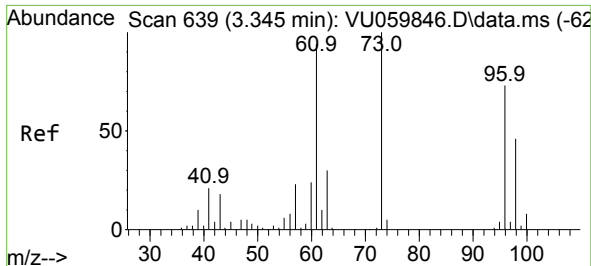
Tgt Ion: 62 Resp: 2788
 Ion Ratio Lower Upper
 62 100
 64 109.3 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.234 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059860.D
 Acq: 05 Jul 2024 14:31

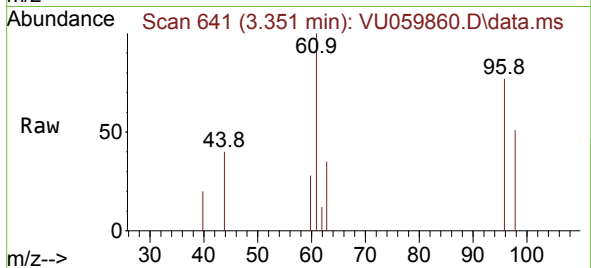
Tgt Ion: 96 Resp: 2546
 Ion Ratio Lower Upper
 96 100
 61 286.5 122.9 228.3#
 63 1275.7 80.4 149.4#



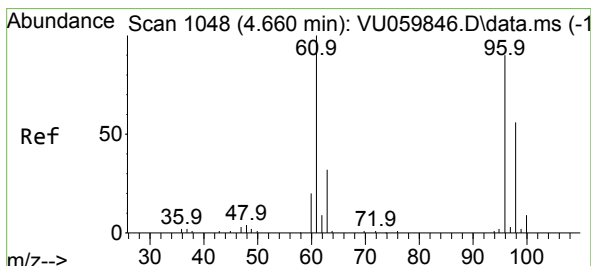
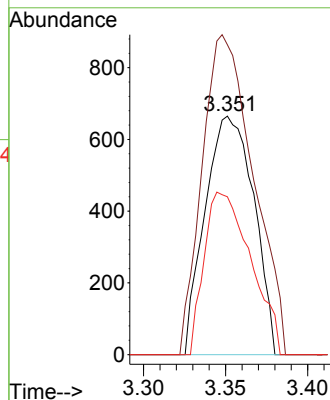
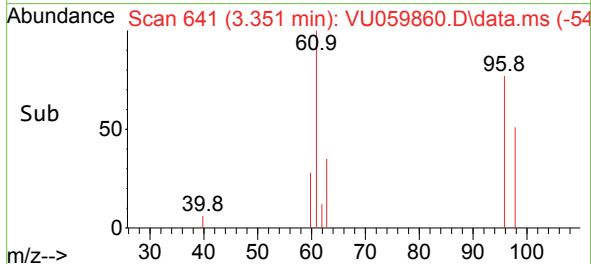


#18
 trans-1,2-Dichloroethene
 Concen: 0.121 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VU059860.D
 Acq: 05 Jul 2024 14:31

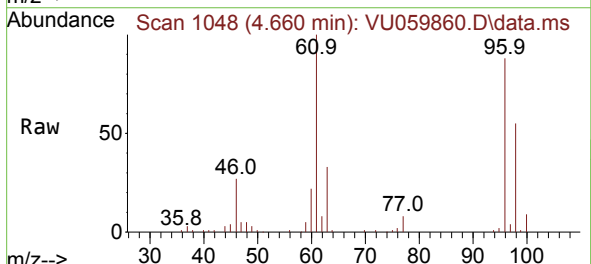
Instrument :
 MSVOA_U
 ClientSampleId :



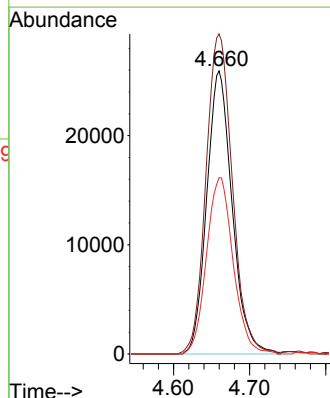
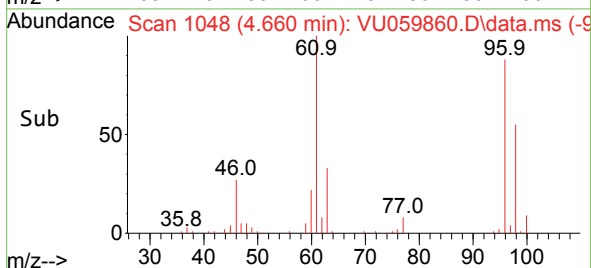
Tgt Ion: 96 Resp: 1370
 Ion Ratio Lower Upper
 96 100
 61 129.9 101.8 189.0
 98 66.2 43.3 80.5

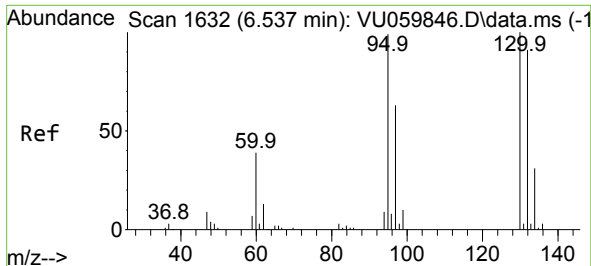


#22
 cis-1,2-Dichloroethene
 Concen: 4.846 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU059860.D
 Acq: 05 Jul 2024 14:31



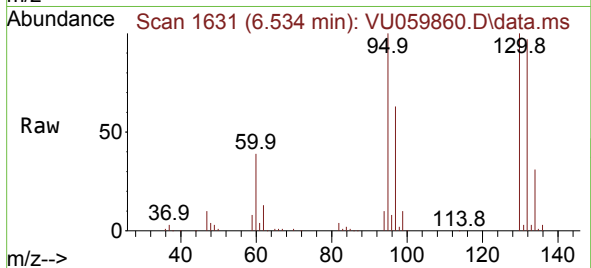
Tgt Ion: 96 Resp: 60329
 Ion Ratio Lower Upper
 96 100
 61 113.1 87.4 162.2
 98 62.3 42.3 78.5



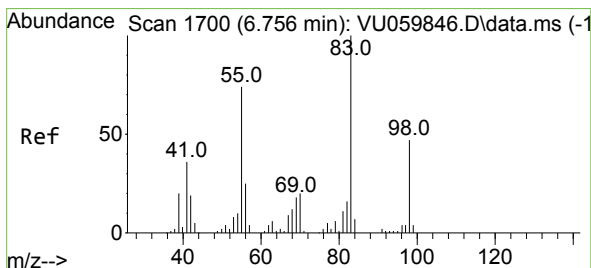
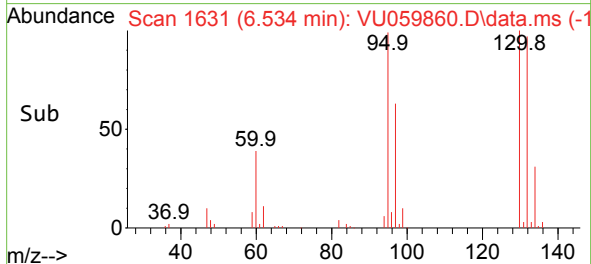
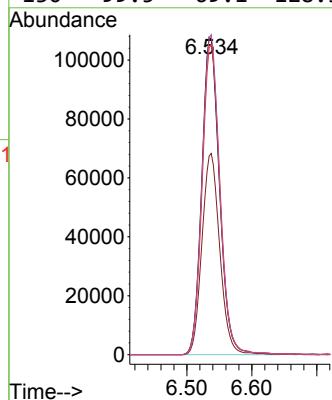


#34
Trichloroethene
Concen: 15.406 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU059860.D
Acq: 05 Jul 2024 14:31

Instrument :
MSVOA_U
ClientSampleId :

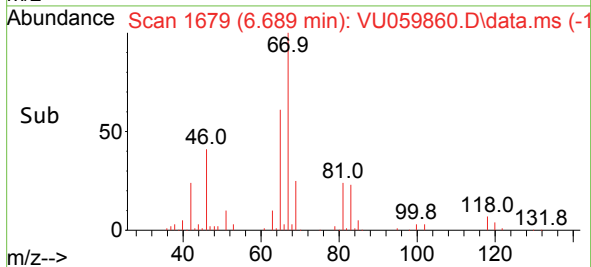
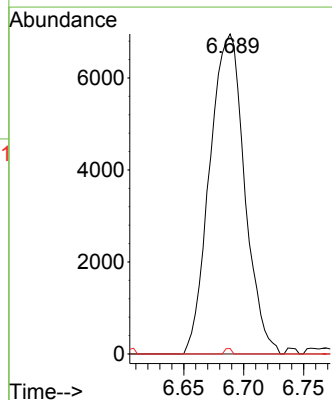
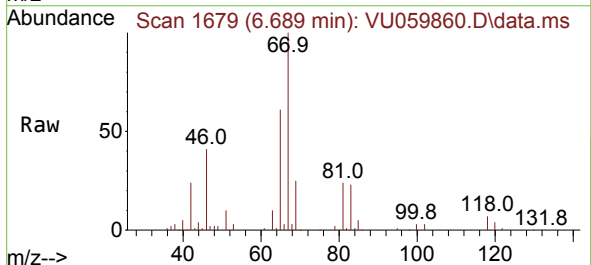


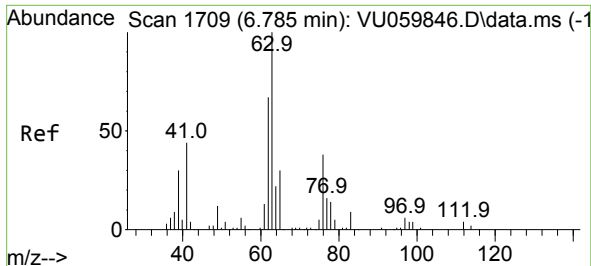
Tgt Ion: 95 Resp: 204933
Ion Ratio Lower Upper
95 100
97 62.6 45.3 84.1
132 96.6 64.0 119.0
130 99.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.067 min
Lab File: VU059860.D
Acq: 05 Jul 2024 14:31

Tgt Ion: 83 Resp: 14096
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 35.4 53.0#

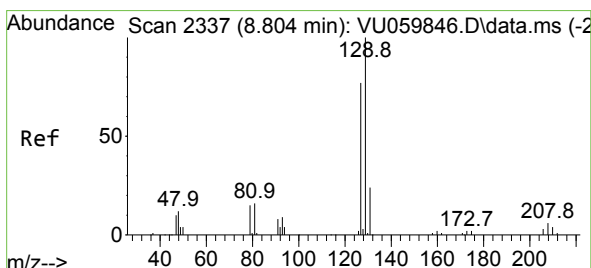
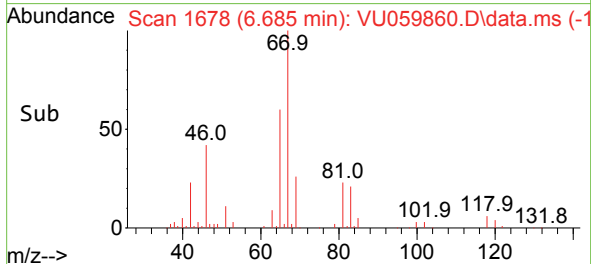
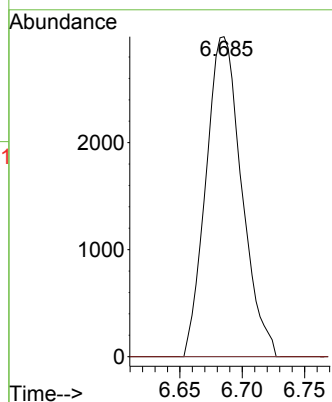
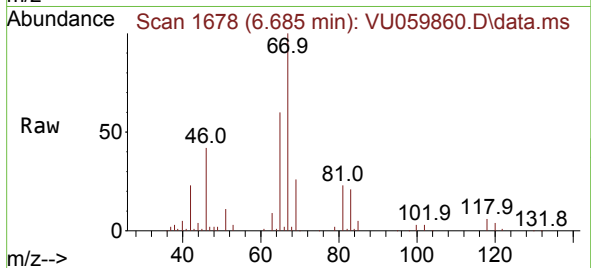




#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059860.D
Acq: 05 Jul 2024 14:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5970
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#49
Dibromochloromethane
Concen: 0.300 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU059860.D
Acq: 05 Jul 2024 14:31

Tgt Ion: 129 Resp: 3112
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#

