

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061670.D
 Acq On : 14 Nov 2024 14:31
 Operator : MD/SY
 Sample : P4804-05DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:46:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

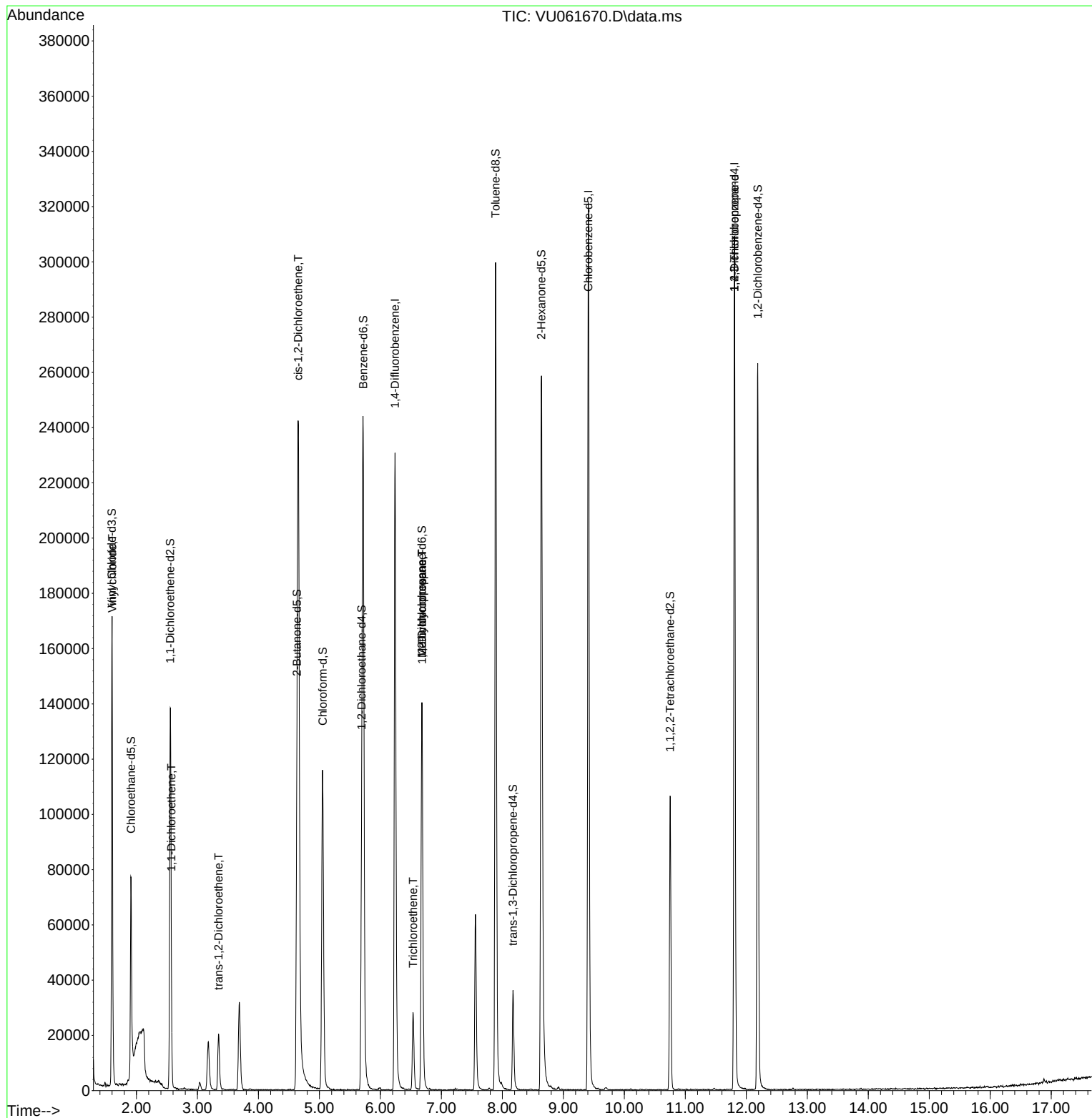
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	200889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	188915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53103	4.091	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.911	69	57257	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.554	65	24326	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.631	46	127993	46.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.920%
24) Chloroform-d	5.052	84	111729	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.692	65	56226	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	237931	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	70007	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.888	98	215109	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	21966	3.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.637	63	107841	48.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52036	4.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	72153	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	77432	5.180	ug/L	96
12) 1,1-Dichloroethene	2.570	96	5421	0.447	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	9071	0.682	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	109319	7.287	ug/L	100
34) Trichloroethene	6.534	95	9290	0.602	ug/L	94
35) Methylcyclohexane	6.679	83	16002	0.687	ug/L #	25
37) 1,2-Dichloropropane	6.682	63	7444	0.513	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	10217	1.274	ug/L #	66

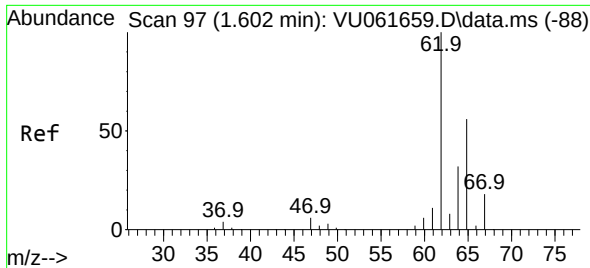
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 15 00:40:52 2024
Response via : Initial Calibration

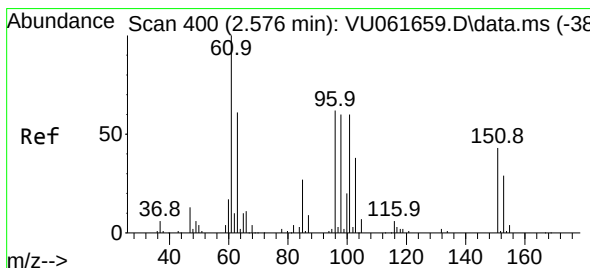
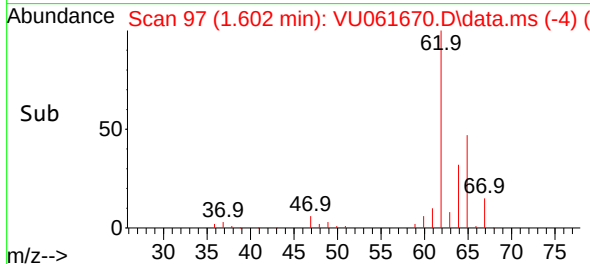
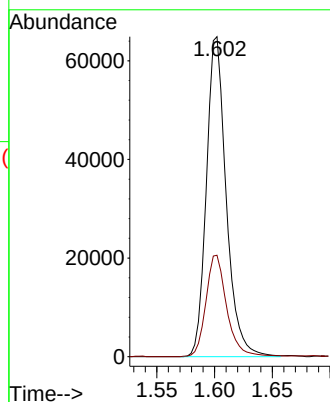
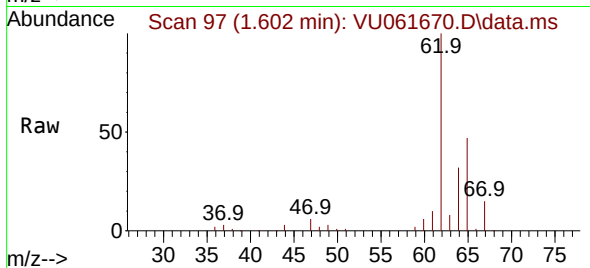




#5
 Vinyl chloride
 Concen: 5.180 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061670.D
 Acq: 14 Nov 2024 14:31

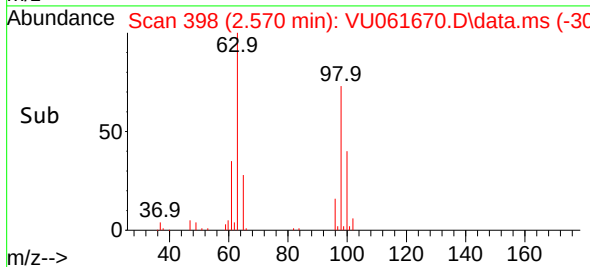
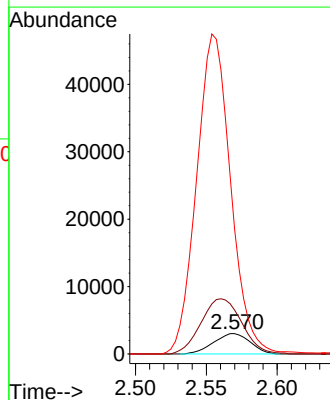
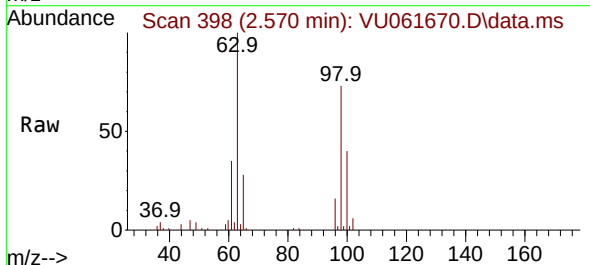
Instrument :
 MSVOA_U
 ClientSampleId :

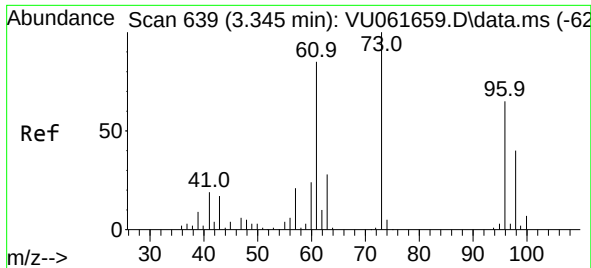
Tgt Ion: 62 Resp: 77432
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.7 44.1



#12
 1,1-Dichloroethene
 Concen: 0.447 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VU061670.D
 Acq: 14 Nov 2024 14:31

Tgt Ion: 96 Resp: 5421
 Ion Ratio Lower Upper
 96 100
 61 215.7 116.8 217.0
 63 614.1 86.1 159.9#

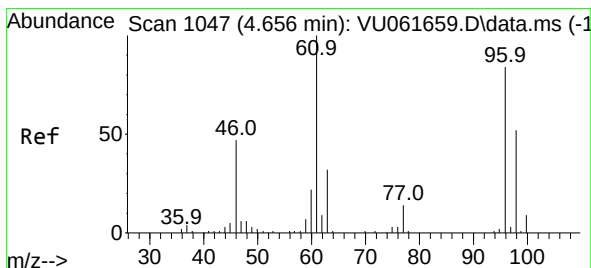
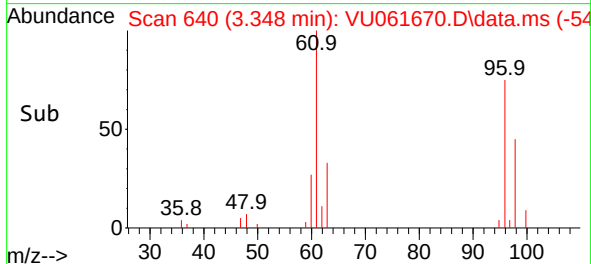
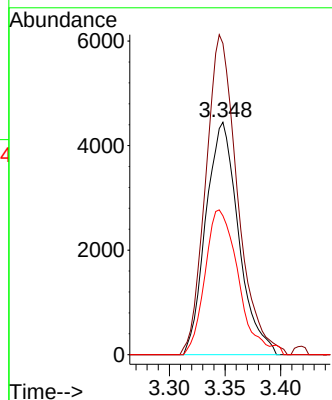
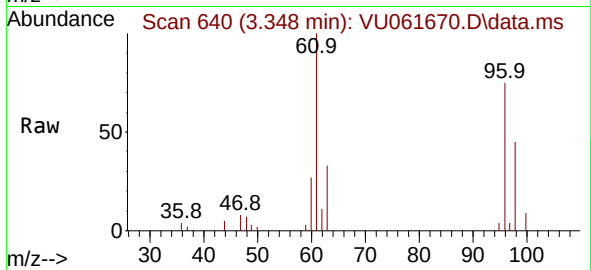




#18
trans-1,2-Dichloroethene
Concen: 0.682 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061670.D
Acq: 14 Nov 2024 14:31

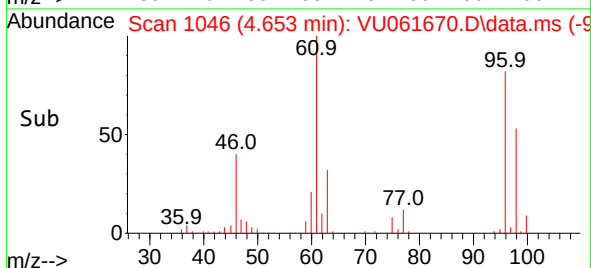
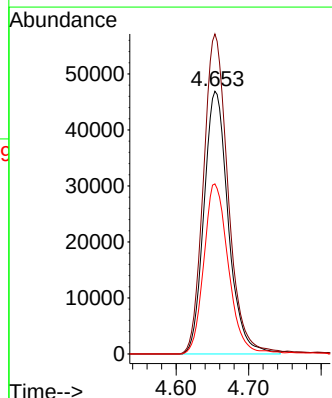
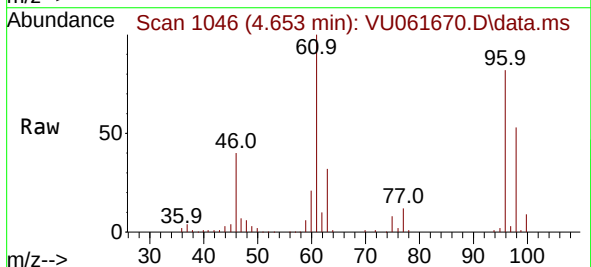
Instrument :
MSVOA_U
ClientSampleId :

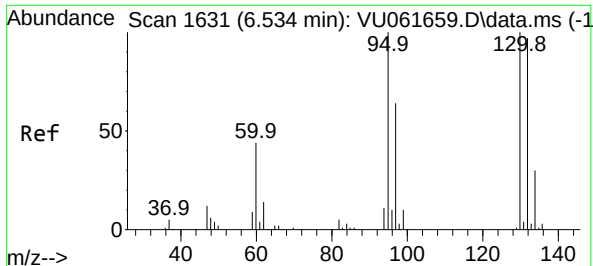
Tgt Ion: 96 Resp: 9071
Ion Ratio Lower Upper
96 100
61 133.9 94.1 174.8
98 59.7 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 7.287 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061670.D
Acq: 14 Nov 2024 14:31

Tgt Ion: 96 Resp: 109319
Ion Ratio Lower Upper
96 100
61 121.8 85.6 159.0
98 64.8 45.6 84.8



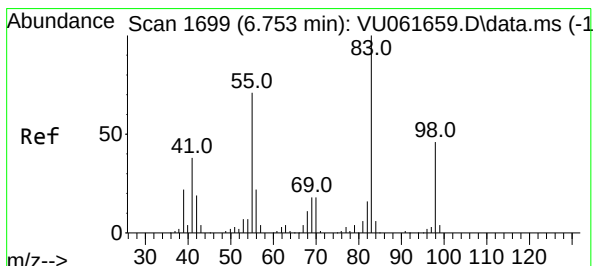
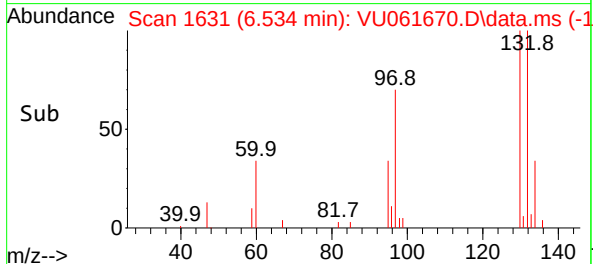
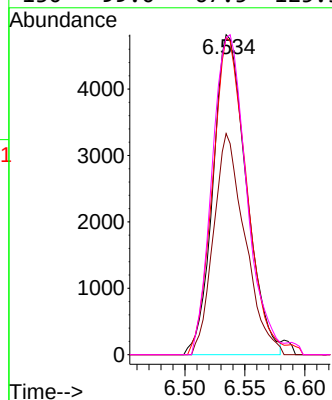
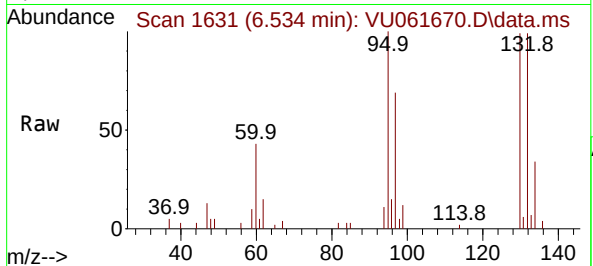


#34
Trichloroethene
Concen: 0.602 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061670.D
Acq: 14 Nov 2024 14:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 9290

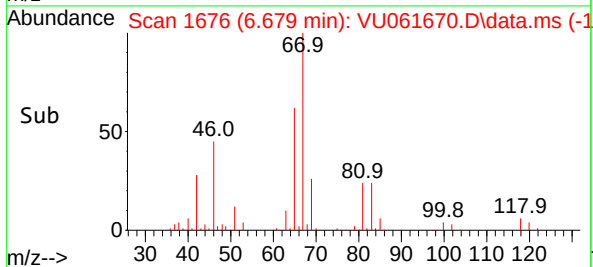
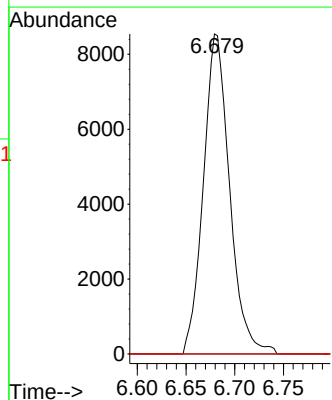
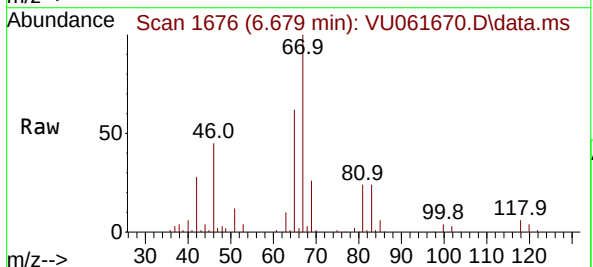
Ion	Ratio	Lower	Upper
95	100		
97	69.1	43.5	80.9
132	99.2	65.2	121.0
130	99.0	67.5	125.3

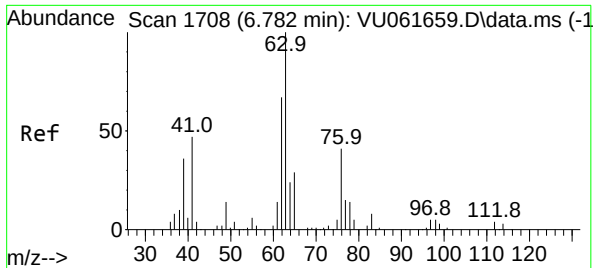


#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061670.D
Acq: 14 Nov 2024 14:31

Tgt Ion: 83 Resp: 16002

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	7.5	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU061670.D

Acq: 14 Nov 2024 14:31

Instrument :

MSVOA_U

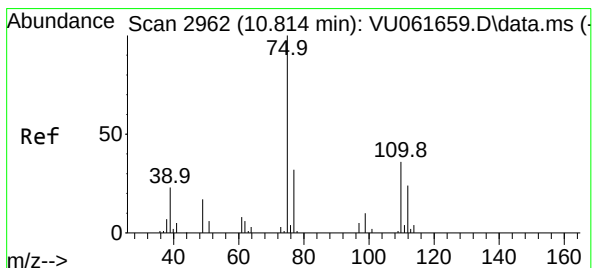
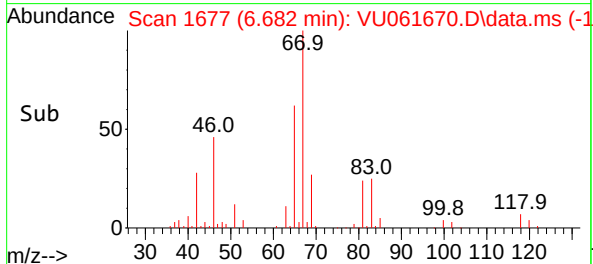
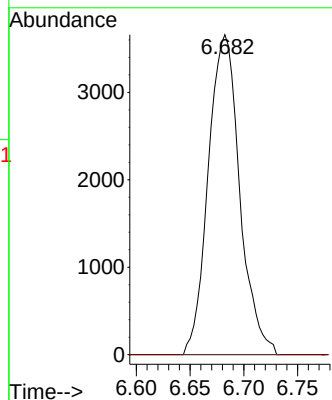
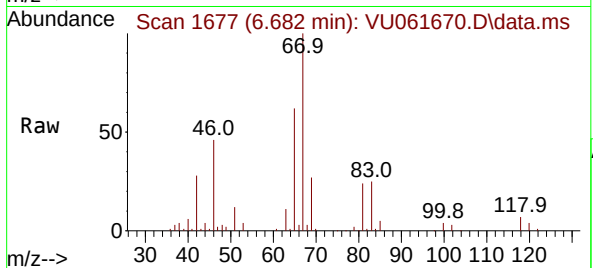
ClientSampleId :

Tgt Ion: 63 Resp: 7444

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 1.274 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU061670.D

Acq: 14 Nov 2024 14:31

Tgt Ion: 75 Resp: 10217

Ion Ratio Lower Upper

75 100

110 0.9 31.3 46.9#

77 32.9 26.0 39.0

