

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061678.D
 Acq On : 14 Nov 2024 17:47
 Operator : MD/SY
 Sample : P4804-16DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:48:43 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)

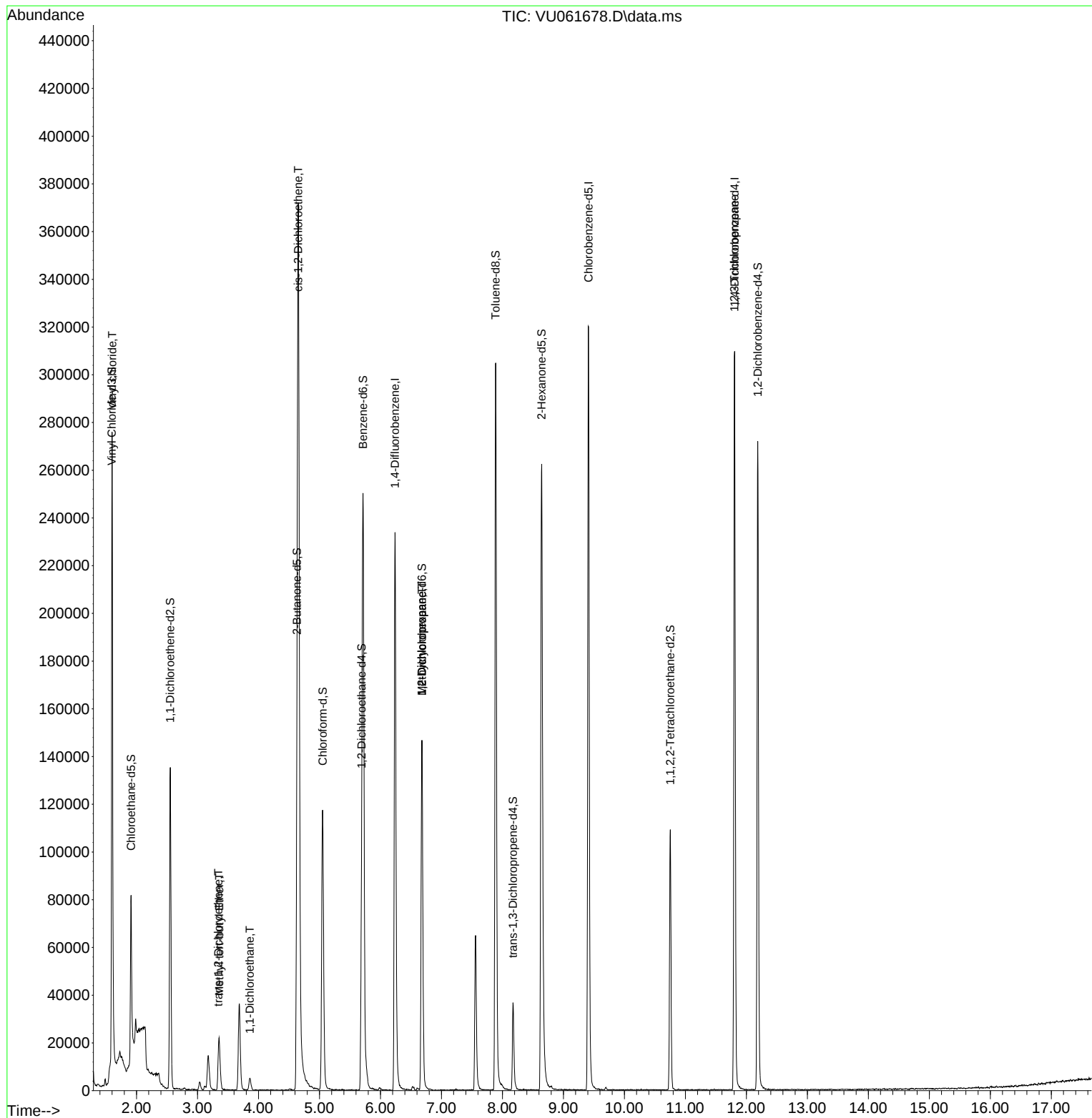
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	206412	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	191739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55769	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.911	69	57377	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.554	65	24783	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.631	46	133249	47.073	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.140%
24) Chloroform-d	5.052	84	113097	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	58749	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.714	84	243809	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.679	67	71589	4.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.888	98	220751	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.174	79	23130	4.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.643	63	114376	50.227	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55781	4.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	74296	4.823	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
5) Vinyl chloride	1.602	62	152274	9.915	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	17296	0.566	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	4056	0.297	ug/L	85
19) 1,1-Dichloroethane	3.859	63	6317	0.254	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	181994	11.807	ug/L	98
35) Methylcyclohexane	6.679	83	17455	0.739	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	7800	0.530	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	10177	1.249	ug/L #	66

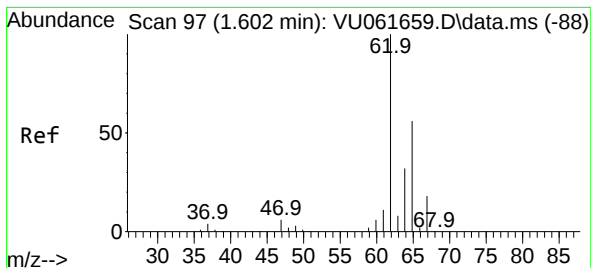
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.915 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061678.D

Acq: 14 Nov 2024 17:47

Instrument :

MSVOA_U

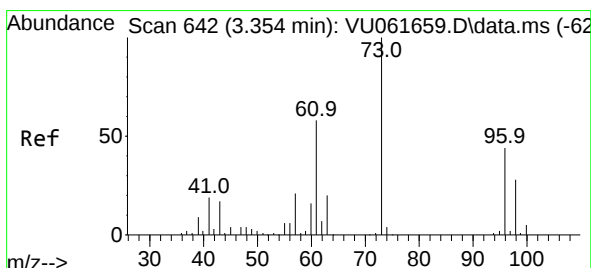
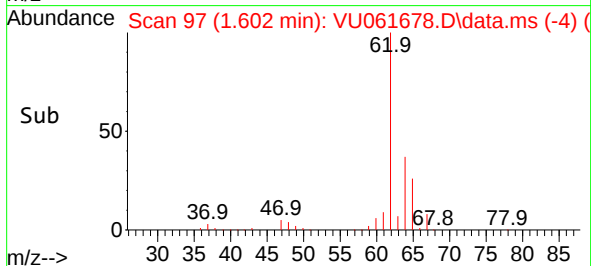
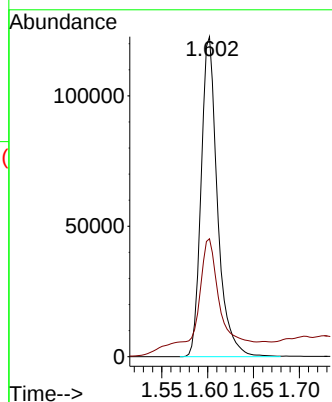
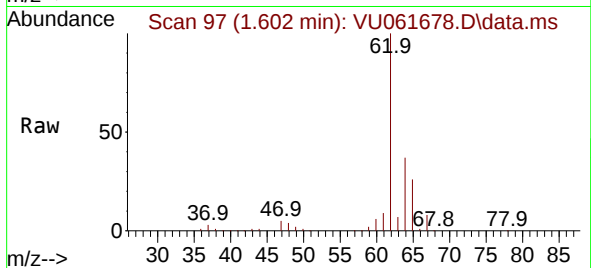
ClientSampleId :

Tgt Ion: 62 Resp: 152274

Ion Ratio Lower Upper

62 100

64 36.8 23.7 44.1



#17

Methyl tert-butyl Ether

Concen: 0.566 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU061678.D

Acq: 14 Nov 2024 17:47

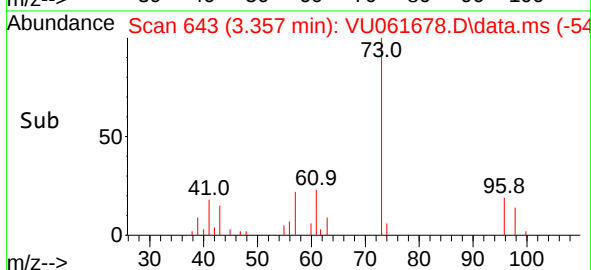
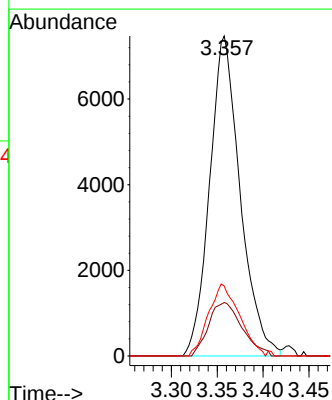
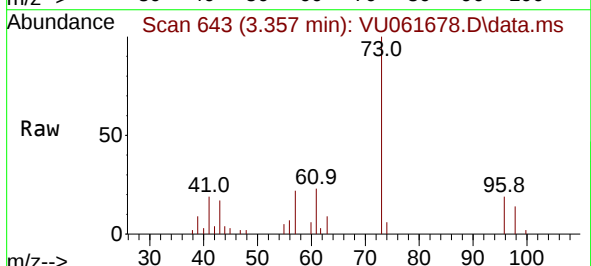
Tgt Ion: 73 Resp: 17296

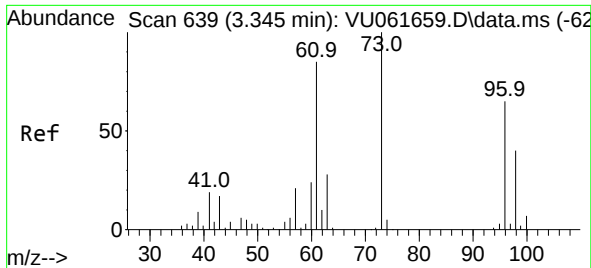
Ion Ratio Lower Upper

73 100

43 18.4 14.2 21.4

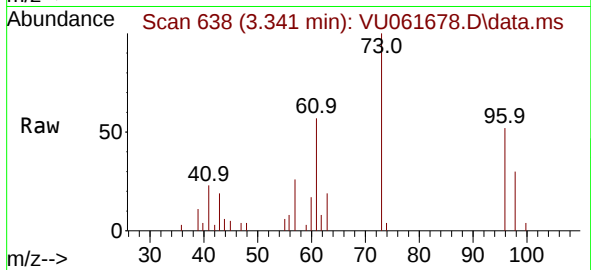
57 22.8 16.9 25.3



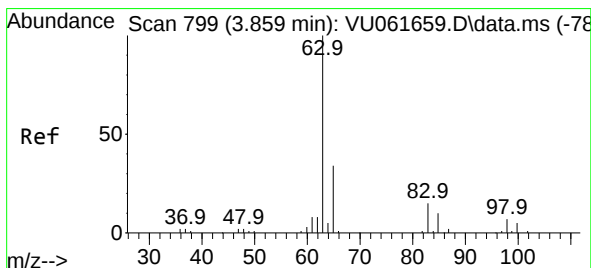
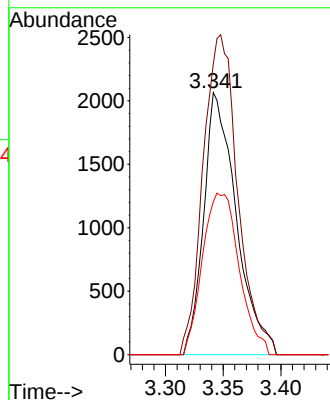
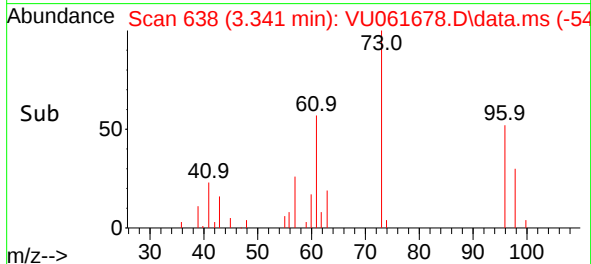


#18
trans-1,2-Dichloroethene
Concen: 0.297 ug/L
RT: 3.341 min Scan# 618
Delta R.T. -0.003 min
Lab File: VU061678.D
Acq: 14 Nov 2024 17:47

Instrument :
MSVOA_U
ClientSampleId :

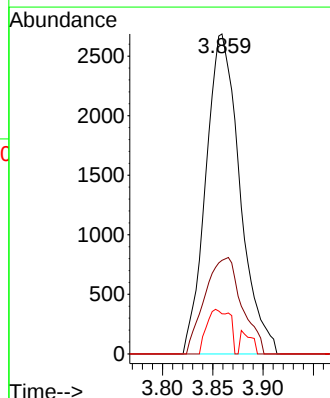
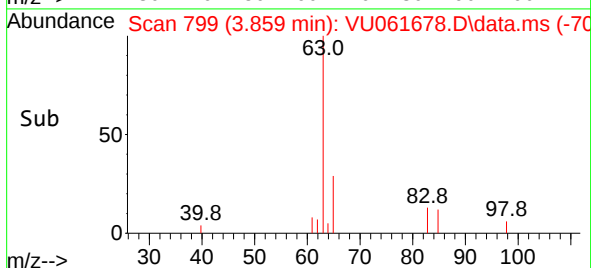
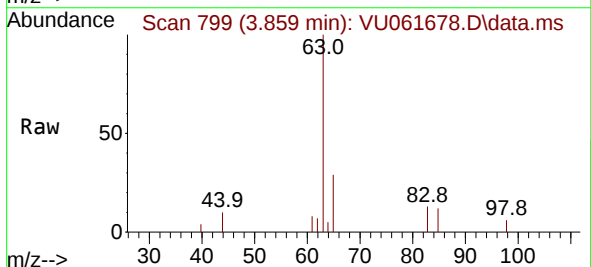


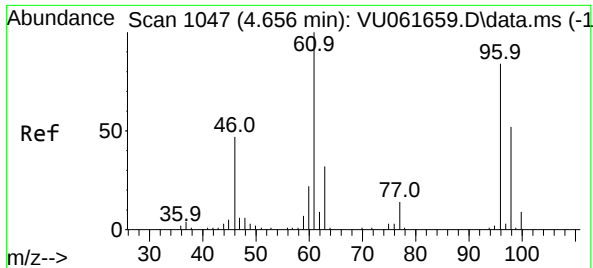
Tgt Ion: 96 Resp: 4056
Ion Ratio Lower Upper
96 100
61 110.9 94.1 174.8
98 58.3 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.254 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061678.D
Acq: 14 Nov 2024 17:47

Tgt Ion: 63 Resp: 6317
Ion Ratio Lower Upper
63 100
65 29.3 23.4 43.4
83 12.5 9.6 17.8

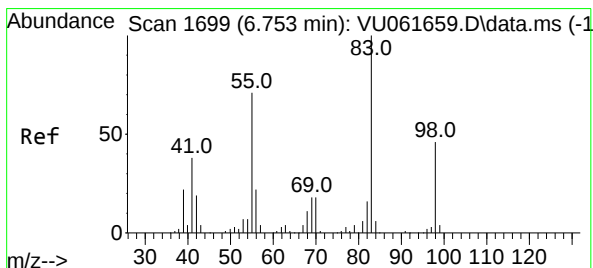
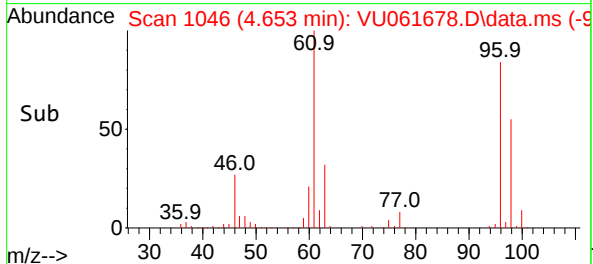
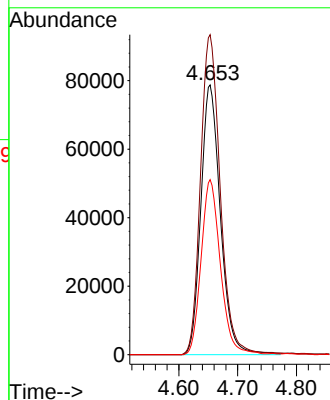
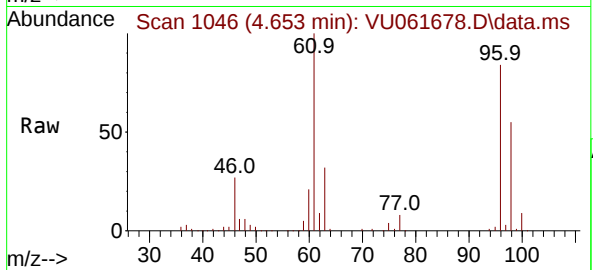




#22
 cis-1,2-Dichloroethene
 Concen: 11.807 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061678.D
 Acq: 14 Nov 2024 17:47

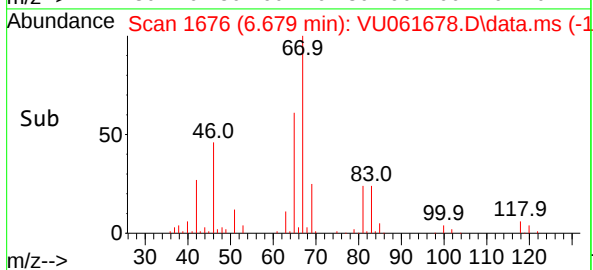
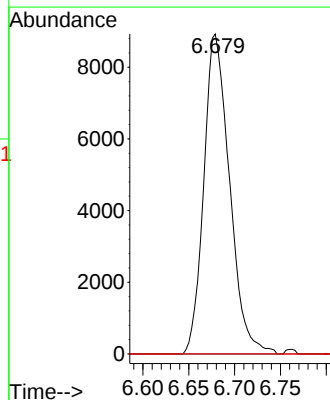
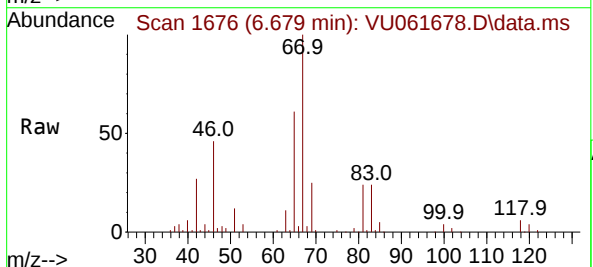
Instrument :
 MSVOA_U
 ClientSampleId :

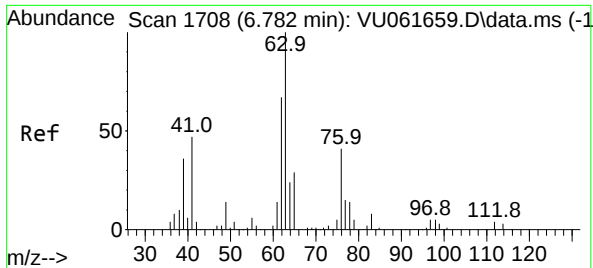
Tgt Ion: 96 Resp: 181994
 Ion Ratio Lower Upper
 96 100
 61 118.6 85.6 159.0
 98 64.9 45.6 84.8



#35
 Methylcyclohexane
 Concen: 0.739 ug/L
 RT: 6.679 min Scan# 1676
 Delta R.T. -0.074 min
 Lab File: VU061678.D
 Acq: 14 Nov 2024 17:47

Tgt Ion: 83 Resp: 17455
 Ion Ratio Lower Upper
 83 100
 55 0.0 56.4 84.6#
 98 0.0 37.7 56.5#

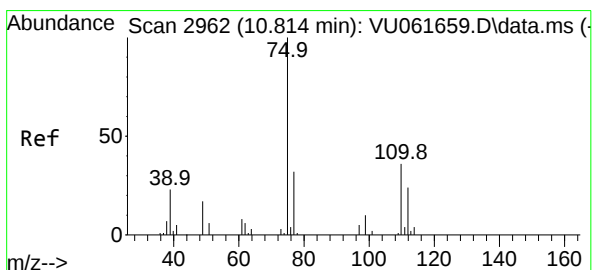
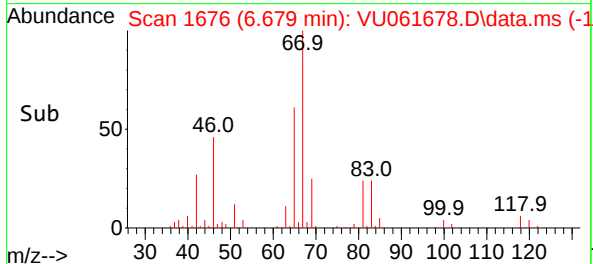
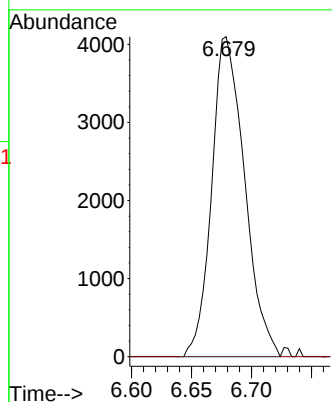
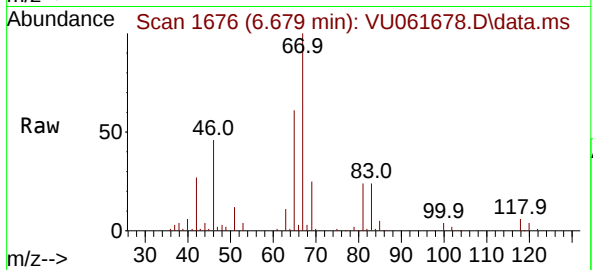




#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061678.D
Acq: 14 Nov 2024 17:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7800
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.249 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061678.D
Acq: 14 Nov 2024 17:47

Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
110 1.8 31.3 46.9#
77 32.3 26.0 39.0

