

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061550.D
 Acq On : 08 Nov 2024 15:40
 Operator : MD/SY
 Sample : P4743-13DL10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:21:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 00:17:10 2024
 Response via : Initial Calibration

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

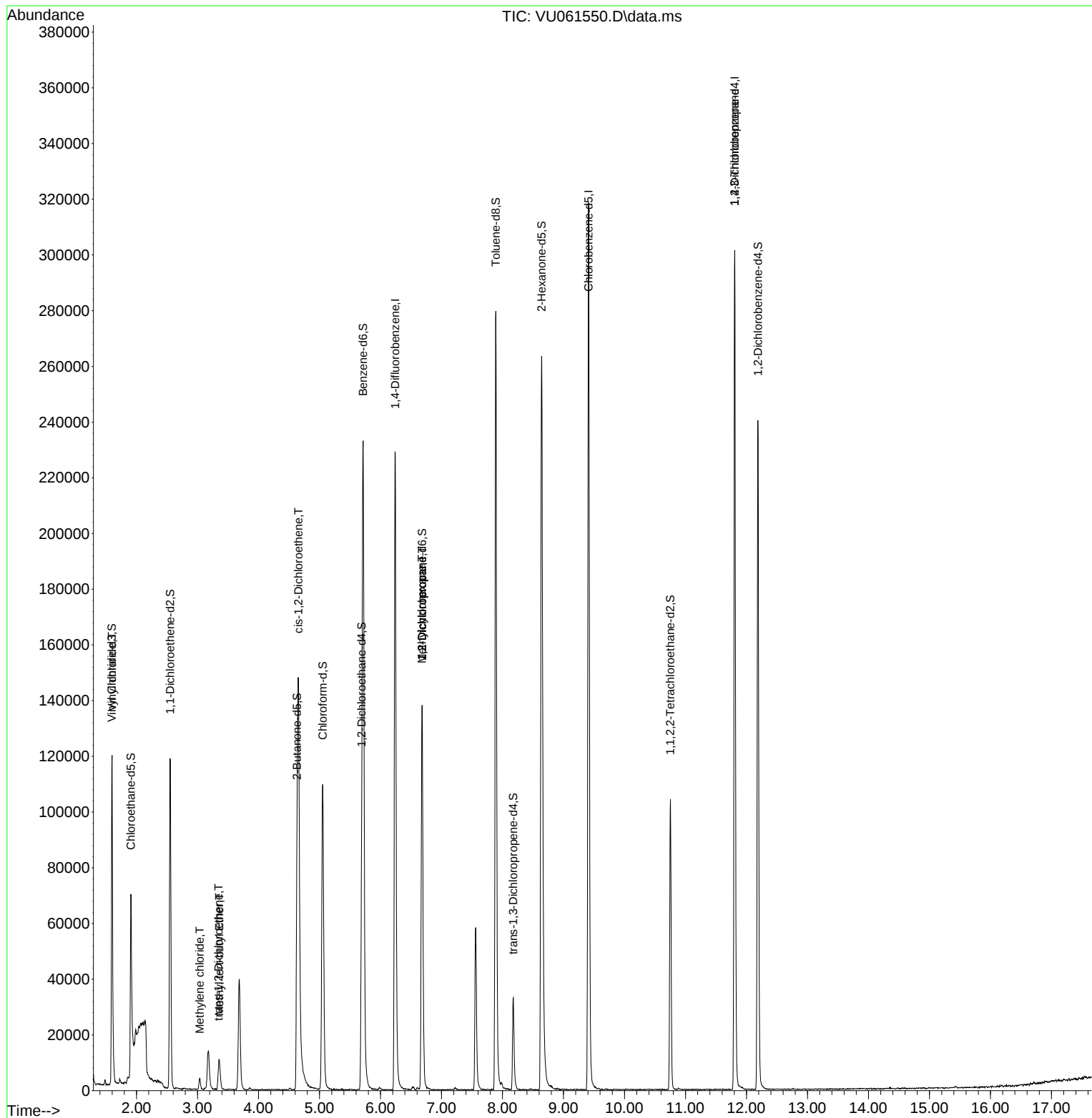
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	200270	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	188026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45946	3.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	56030	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.550	65	22622	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	126490	45.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	5.052	84	109071	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.692	65	56454	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.714	84	225070	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	68040	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	197623	3.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	20465	3.148	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.640	63	117837	44.250	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52204	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66596	4.556	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	51547	3.330	ug/L	99
16) Methylene chloride	3.036	84	2109	0.151	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	10285	0.320	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	1310	0.100	ug/L #	88
22) cis-1,2-Dichloroethene	4.653	96	56231	3.760	ug/L	96
35) Methylcyclohexane	6.679	83	15893	0.631	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7213	0.489	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	9978	1.214	ug/L #	68

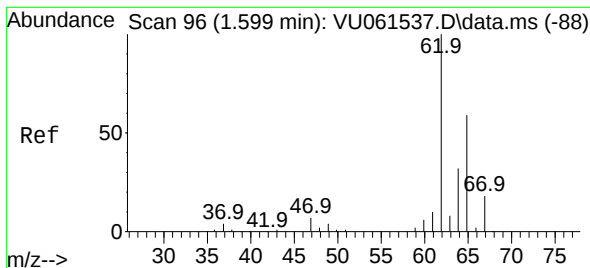
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.330 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061550.D

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Instrument :

MSVOA_U

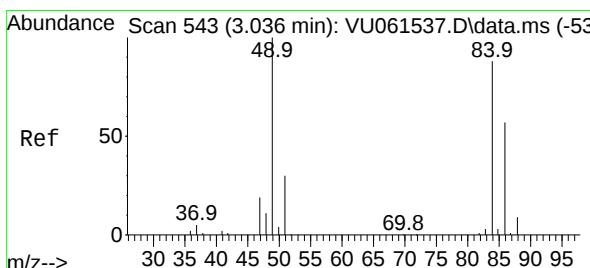
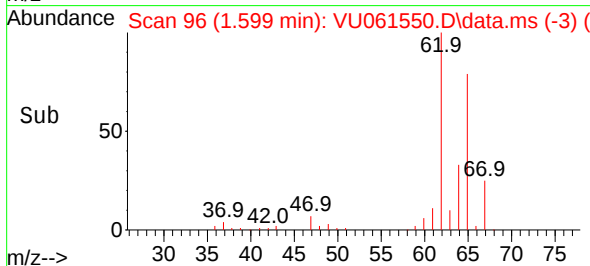
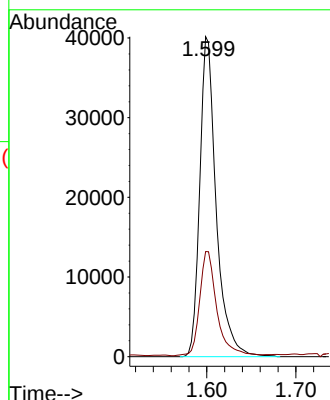
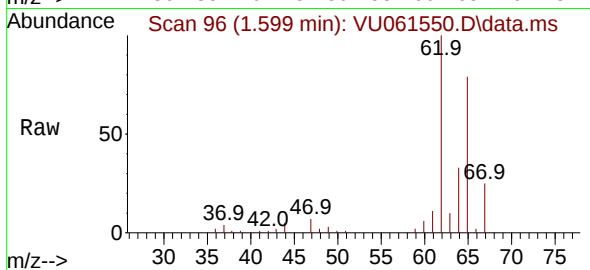
ClientSampleId :

Tgt Ion: 62 Resp: 51547

Ion Ratio Lower Upper

62 100

64 32.9 22.6 42.0



#16

Methylene chloride

Concen: 0.151 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU061550.D

Acq: 08 Nov 2024 15:40

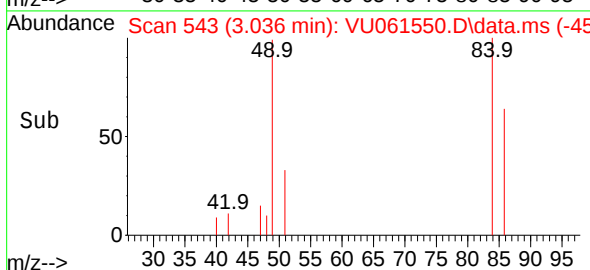
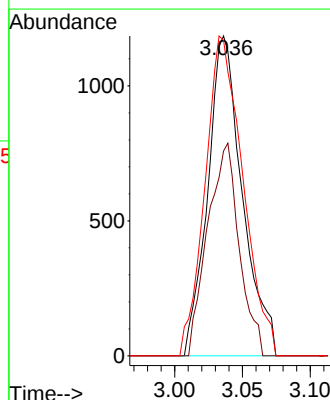
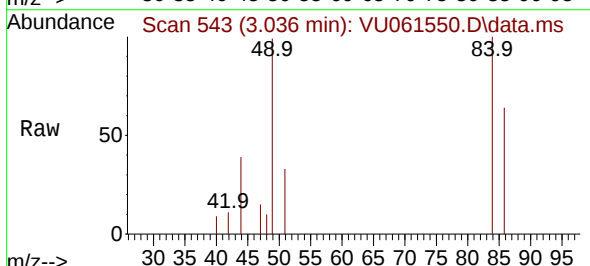
Tgt Ion: 84 Resp: 2109

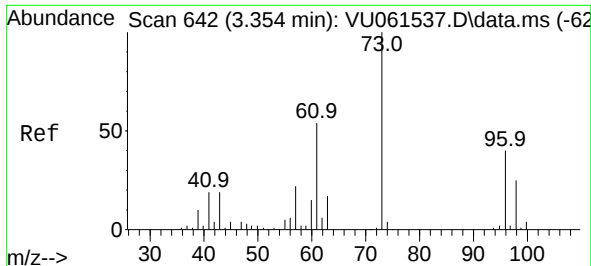
Ion Ratio Lower Upper

84 100

86 64.1 43.5 80.7

49 98.6 75.7 140.7





#17

Methyl tert-butyl Ether

Concen: 0.320 ug/L

RT: 3.358 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU061550.D

Acq: 08 Nov 2024 15:40

Instrument :

MSVOA_U

ClientSampleId :

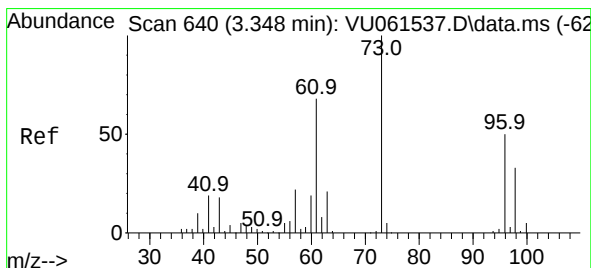
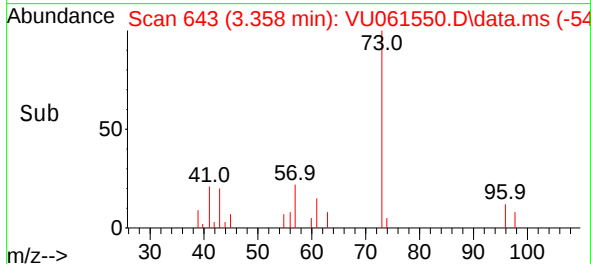
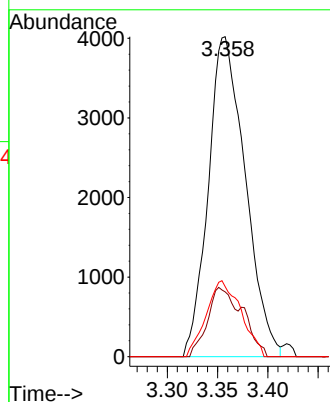
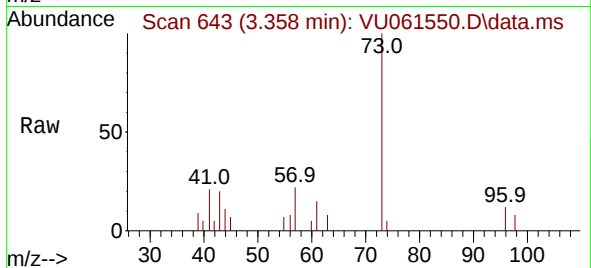
Tgt Ion: 73 Resp: 10285

Ion Ratio Lower Upper

73 100

43 15.5 15.0 22.4

57 22.3 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 0.100 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU061550.D

Acq: 08 Nov 2024 15:40

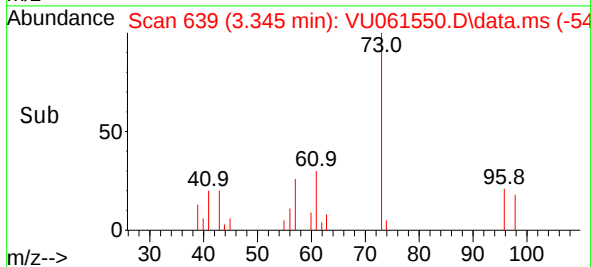
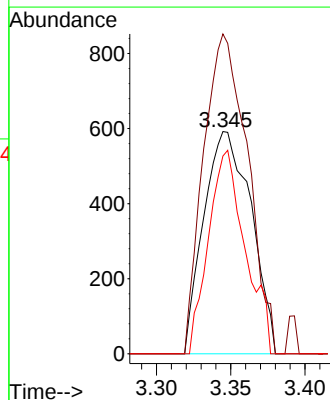
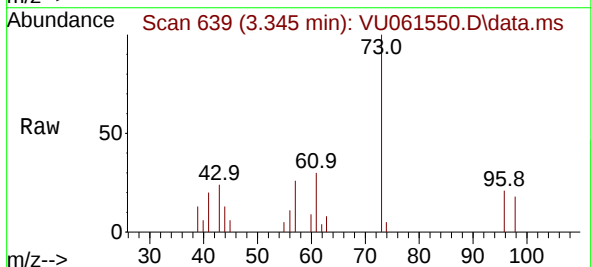
Tgt Ion: 96 Resp: 1310

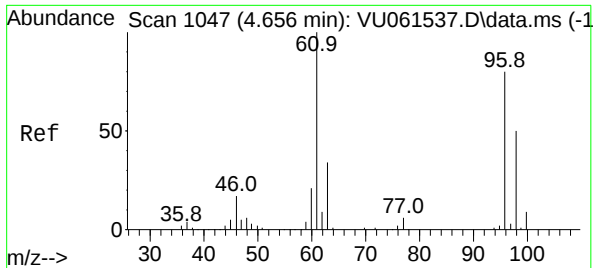
Ion Ratio Lower Upper

96 100

61 143.9 97.9 181.7

98 89.0 46.2 85.8#

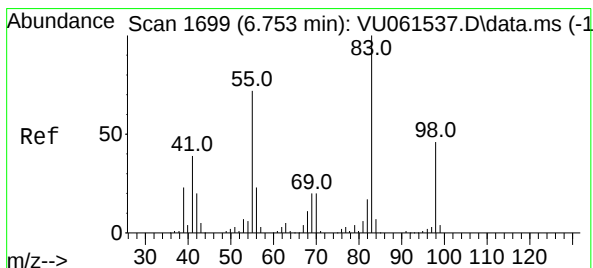
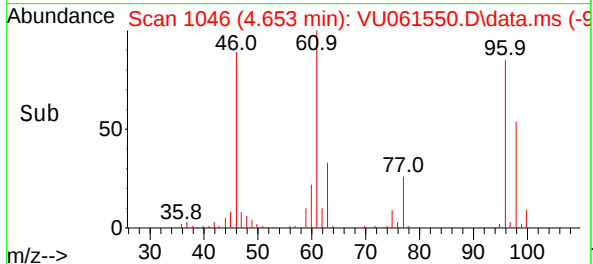
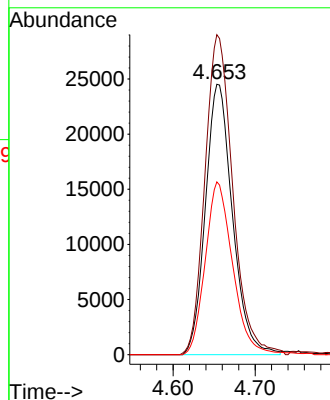
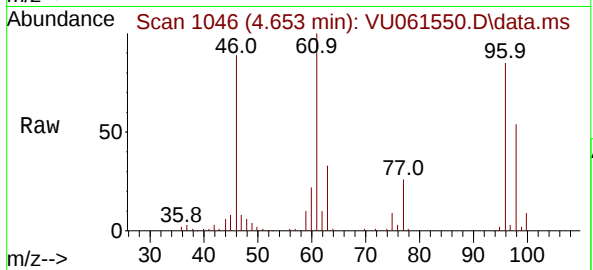




#22
 cis-1,2-Dichloroethene
 Concen: 3.760 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061550.D
 Acq: 08 Nov 2024 15:40

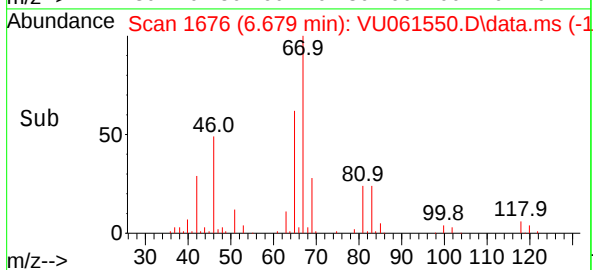
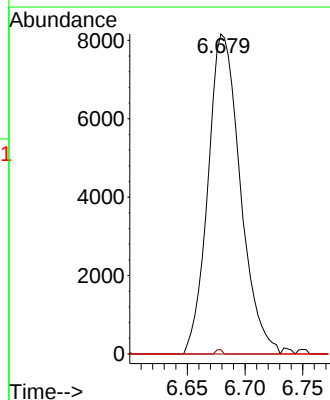
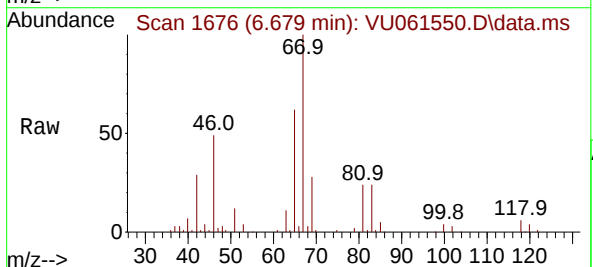
Instrument :
 MSVOA_U
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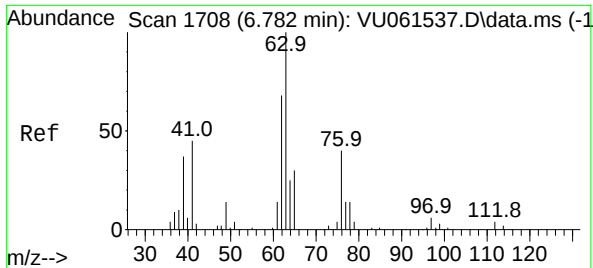
Tgt Ion: 96 Resp: 56231
 Ion Ratio Lower Upper
 96 100
 61 118.3 88.1 163.5
 98 63.9 45.0 83.6



#35
 Methylcyclohexane
 Concen: 0.631 ug/L
 RT: 6.679 min Scan# 1676
 Delta R.T. -0.074 min
 Lab File: VU061550.D
 Acq: 08 Nov 2024 15:40

Tgt Ion: 83 Resp: 15893
 Ion Ratio Lower Upper
 83 100
 55 0.3 55.9 83.9#
 98 0.0 35.9 53.9#

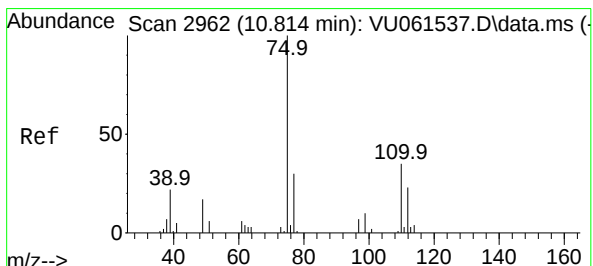
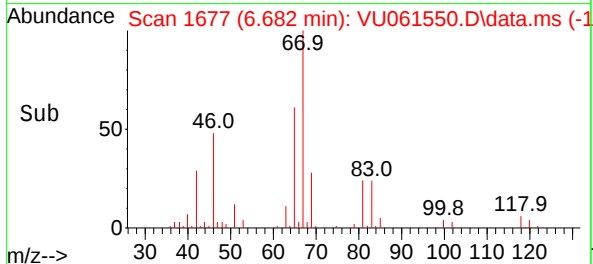
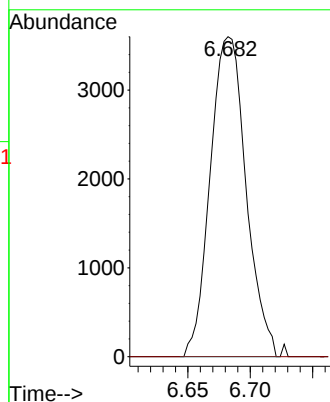
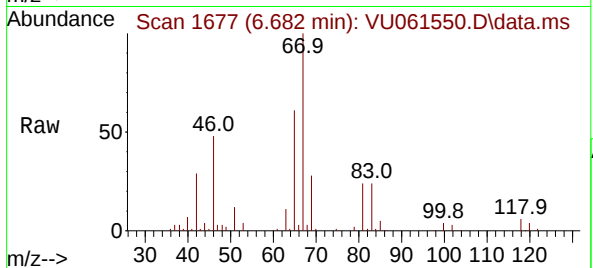




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061550.D
Acq: 08 Nov 2024 15:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7213
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.214 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU061550.D
Acq: 08 Nov 2024 15:40

Tgt Ion: 75 Resp: 9978
Ion Ratio Lower Upper
75 100
110 2.1 28.8 43.2#
77 34.2 25.7 38.5

