

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061066.D
 Acq On : 02 Oct 2024 11:11
 Operator : MD/SY
 Sample : P4227-08DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:27:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

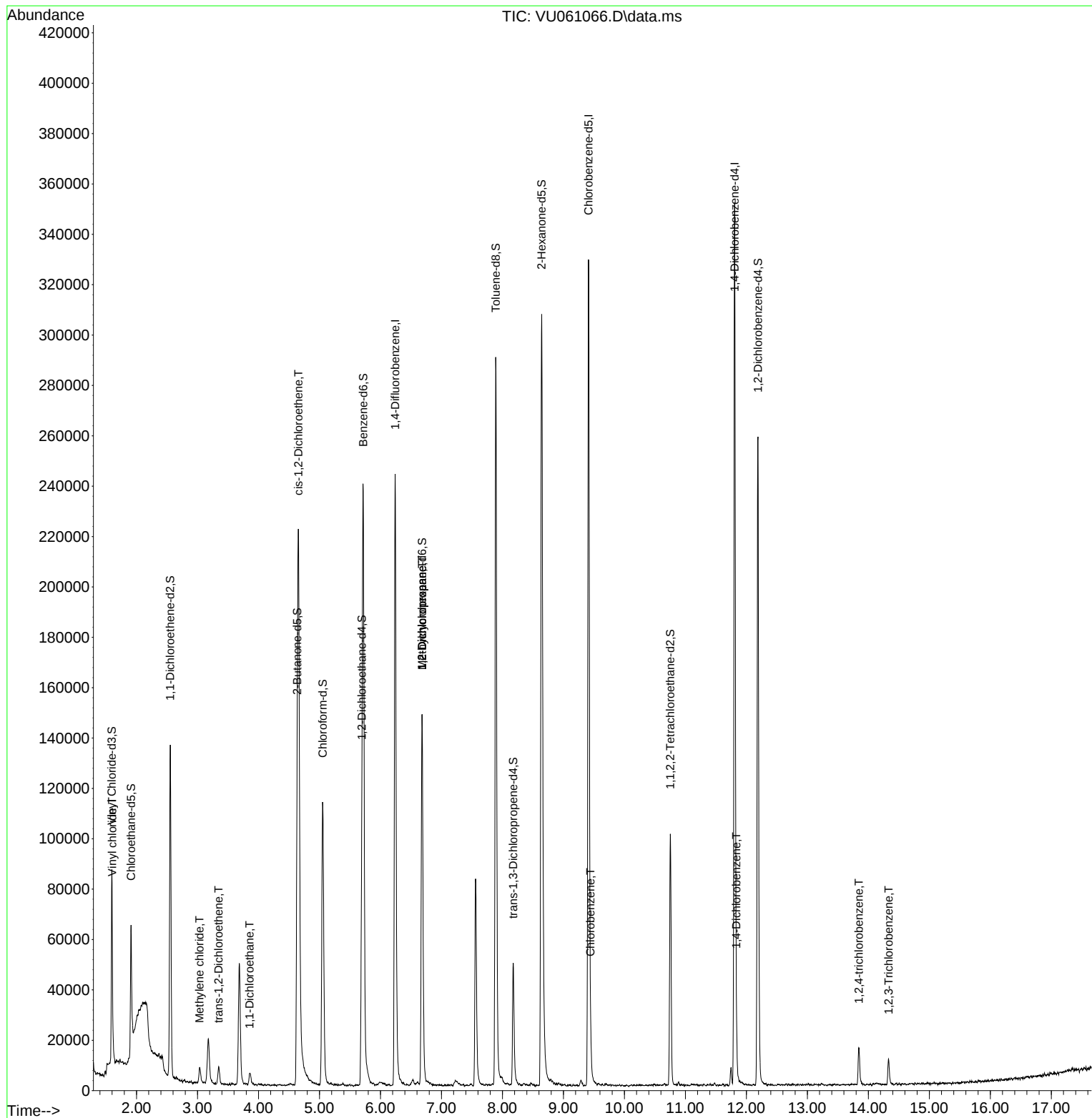
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196641	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	185257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58027	4.127	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.911	69	42788	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.554	65	25602	4.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.634	46	158706	47.127	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.260%
24) Chloroform-d	5.052	84	107497	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	57421	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.717	84	215840	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	73606	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	198149	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	30039	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.643	63	132129	46.540	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	54002	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	65044	4.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
5) Vinyl chloride	1.602	62	3173	0.228	ug/L #	75
16) Methylene chloride	3.033	84	3269	0.251	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	2877	0.231	ug/L	90
19) 1,1-Dichloroethane	3.856	63	5652	0.233	ug/L #	95
22) cis-1,2-Dichloroethene	4.656	96	86937	6.271	ug/L	95
35) Methylcyclohexane	6.682	83	16371	0.685	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8078	0.561	ug/L #	93
51) Chlorobenzene	9.444	112	4945	0.140	ug/L #	88
65) 1,4-Dichlorobenzene	11.836	146	6170	0.248	ug/L	94
70) 1,2,4-trichlorobenzene	13.846	180	5053	0.371	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.331	180	3871	0.342	ug/L	98

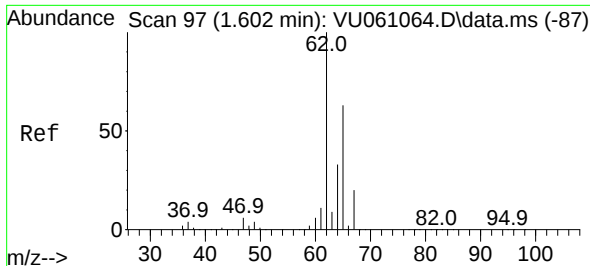
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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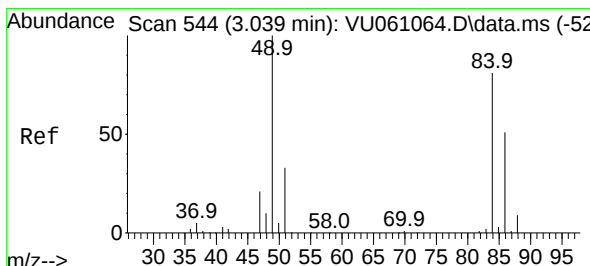
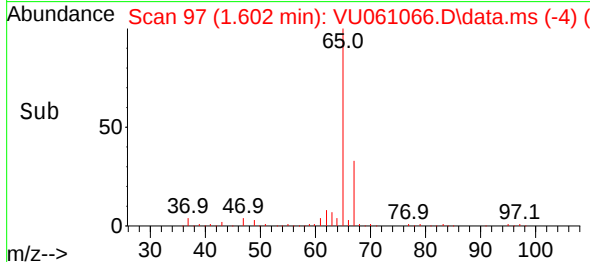
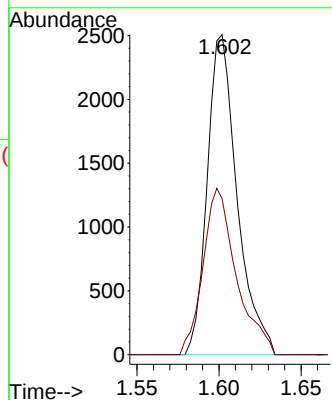
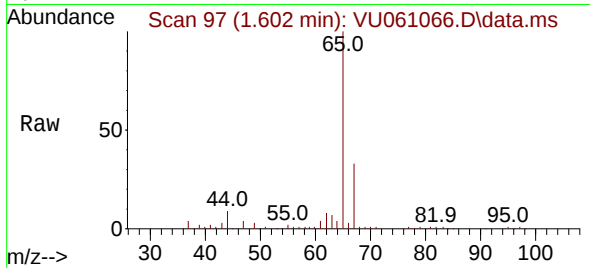




#5
 Vinyl chloride
 Concen: 0.228 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU061066.D
 Acq: 02 Oct 2024 11:11

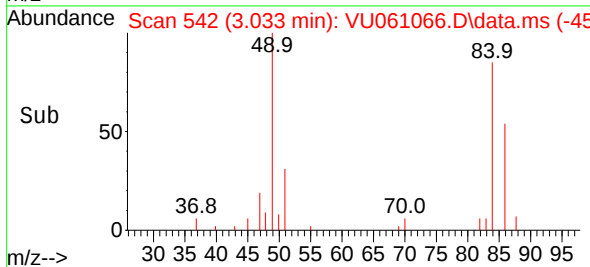
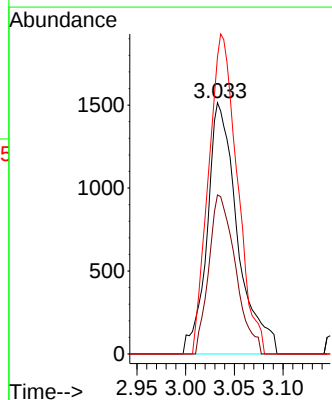
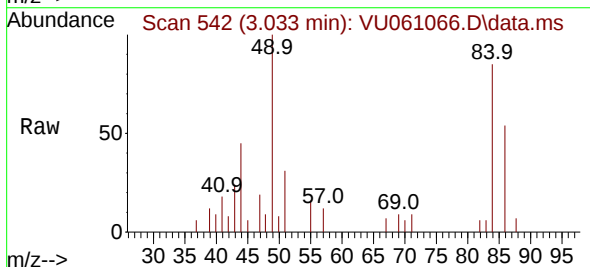
Instrument :
 MSVOA_U
 ClientSampleId :

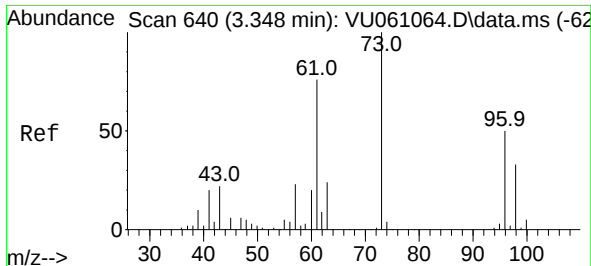
Tgt Ion: 62 Resp: 3173
 Ion Ratio Lower Upper
 62 100
 64 48.7 24.0 44.6#



#16
 Methylene chloride
 Concen: 0.251 ug/L
 RT: 3.033 min Scan# 542
 Delta R.T. -0.007 min
 Lab File: VU061066.D
 Acq: 02 Oct 2024 11:11

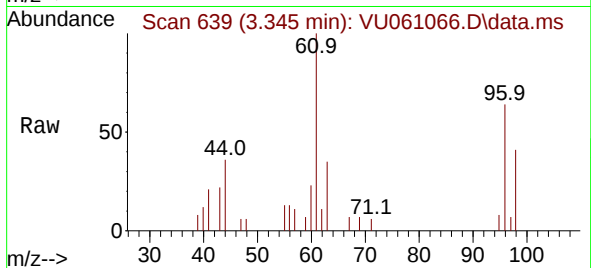
Tgt Ion: 84 Resp: 3269
 Ion Ratio Lower Upper
 84 100
 86 63.3 47.3 87.8
 49 118.3 78.7 146.1



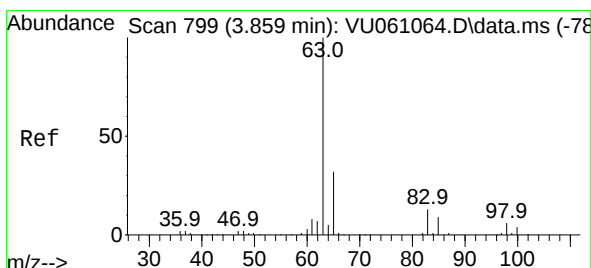
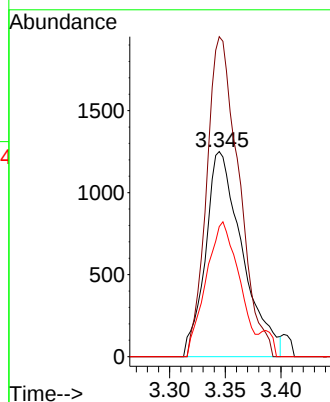
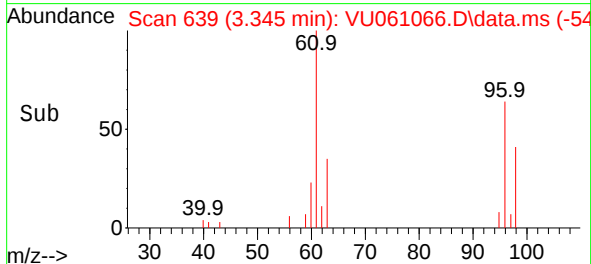


#18
trans-1,2-Dichloroethene
Concen: 0.231 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU061066.D
Acq: 02 Oct 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :

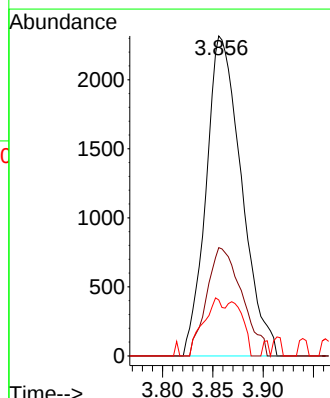
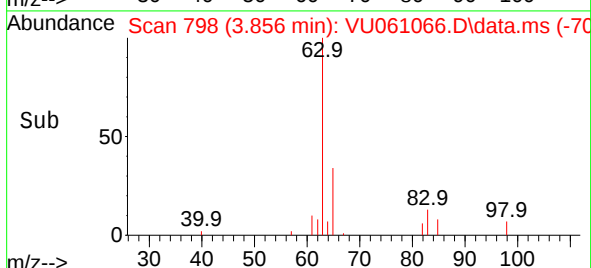
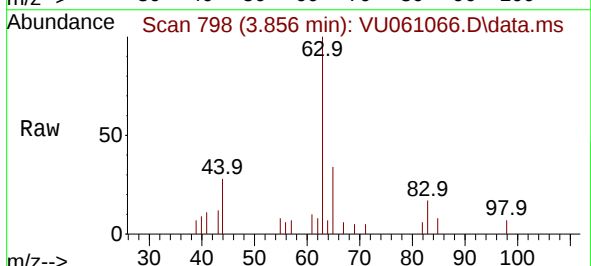


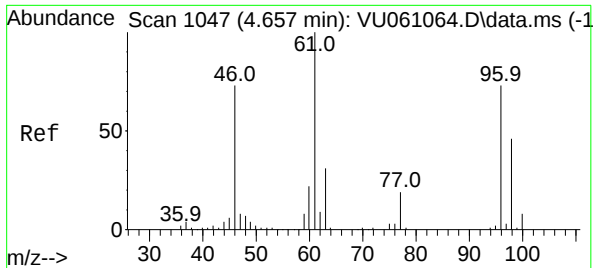
Tgt Ion: 96 Resp: 2877
Ion Ratio Lower Upper
96 100
61 156.1 97.2 180.6
98 63.4 43.3 80.5



#19
1,1-Dichloroethane
Concen: 0.233 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU061066.D
Acq: 02 Oct 2024 11:11

Tgt Ion: 63 Resp: 5652
Ion Ratio Lower Upper
63 100
65 33.8 23.0 42.8
83 17.5 9.0 16.6#

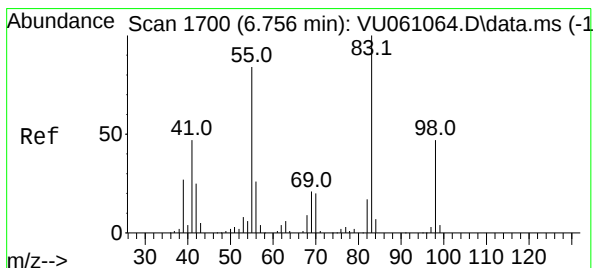
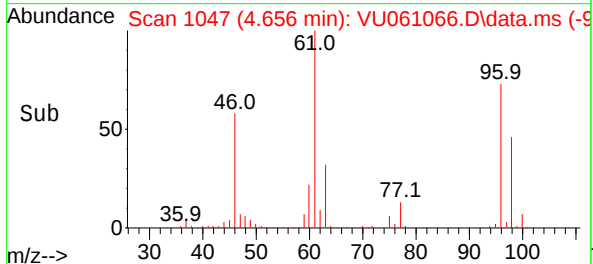
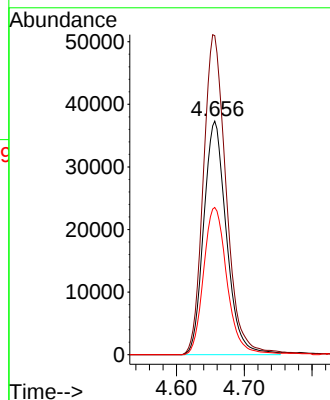
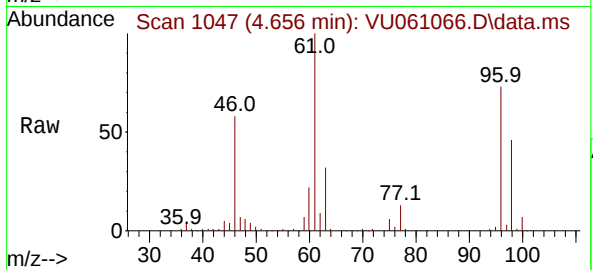




#22
 cis-1,2-Dichloroethene
 Concen: 6.271 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061066.D
 Acq: 02 Oct 2024 11:11

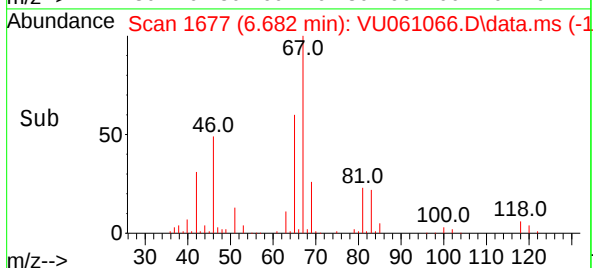
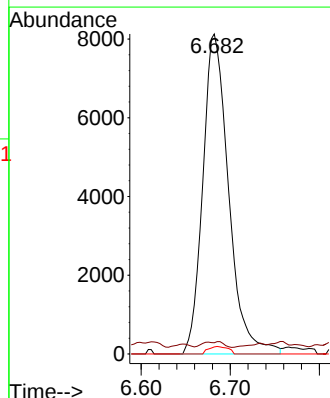
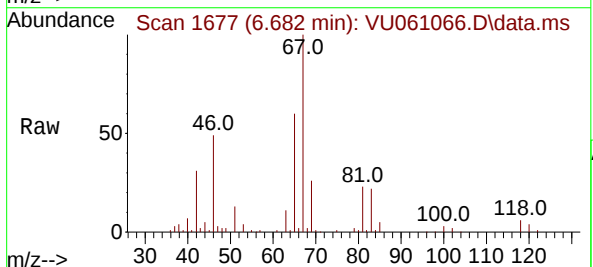
Instrument :
 MSVOA_U
 ClientSampleId :

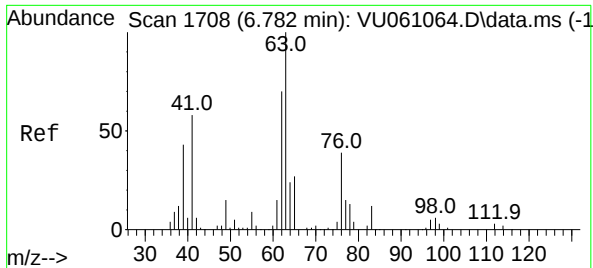
Tgt Ion: 96 Resp: 86937
 Ion Ratio Lower Upper
 96 100
 61 136.6 89.7 166.5
 98 63.0 45.1 83.9



#35
 Methylcyclohexane
 Concen: 0.685 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU061066.D
 Acq: 02 Oct 2024 11:11

Tgt Ion: 83 Resp: 16371
 Ion Ratio Lower Upper
 83 100
 55 0.5 62.6 94.0#
 98 1.7 37.6 56.4#

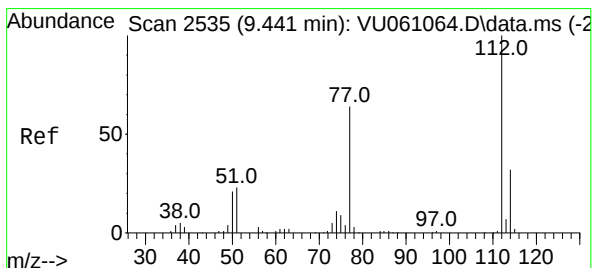
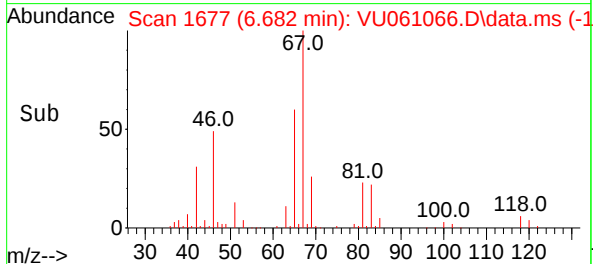
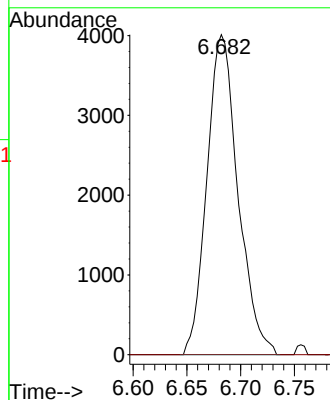
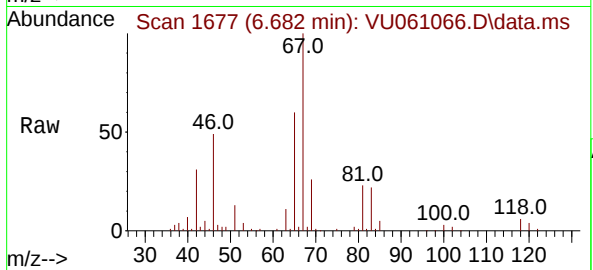




#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061066.D
Acq: 02 Oct 2024 11:11

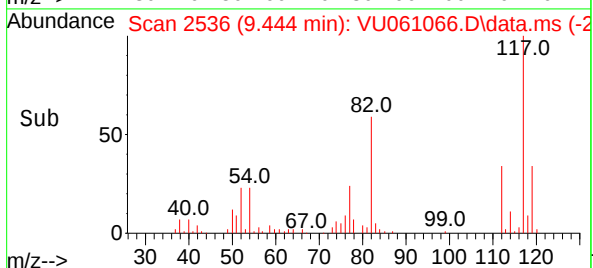
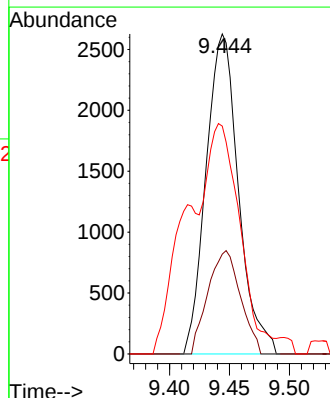
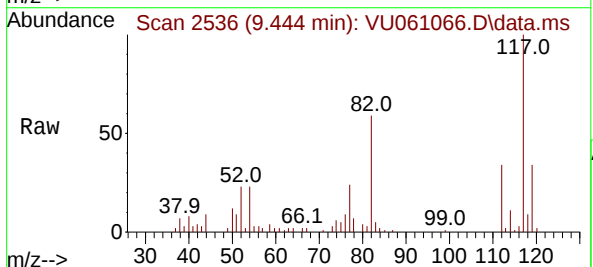
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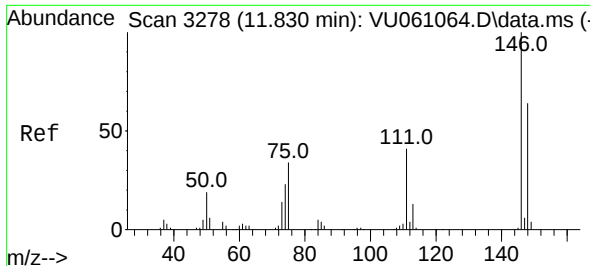
Tgt Ion: 63 Resp: 8078
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#51
Chlorobenzene
Concen: 0.140 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU061066.D
Acq: 02 Oct 2024 11:11

Tgt Ion: 112 Resp: 4945
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 71.2 46.1 69.1#





#65

1,4-Dichlorobenzene

Concen: 0.248 ug/L

RT: 11.836 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU061066.D

Acq: 02 Oct 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :

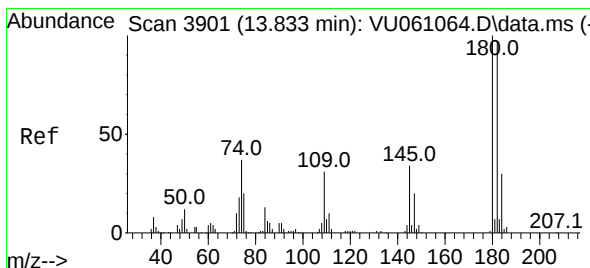
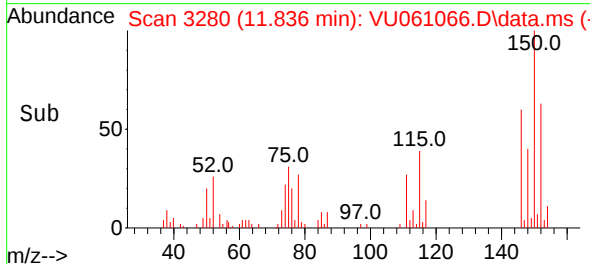
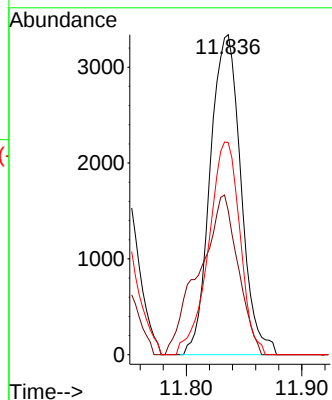
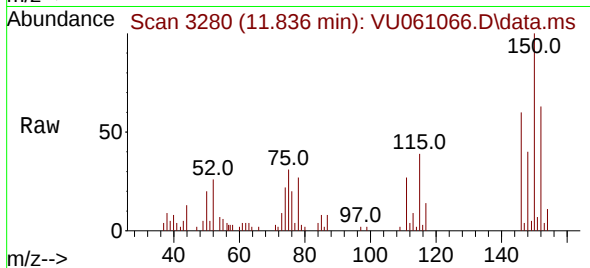
Tgt Ion:146 Resp: 6170

Ion Ratio Lower Upper

146 100

111 45.0 26.3 48.9

148 66.3 45.3 84.1



#70

1,2,4-trichlorobenzene

Concen: 0.371 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU061066.D

Acq: 02 Oct 2024 11:11

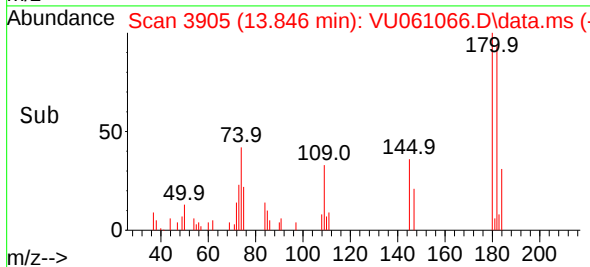
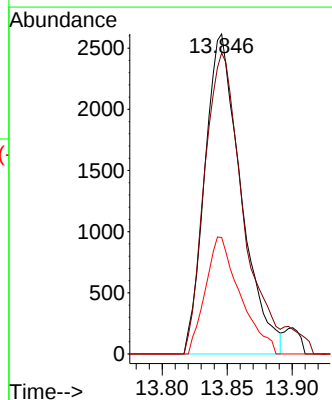
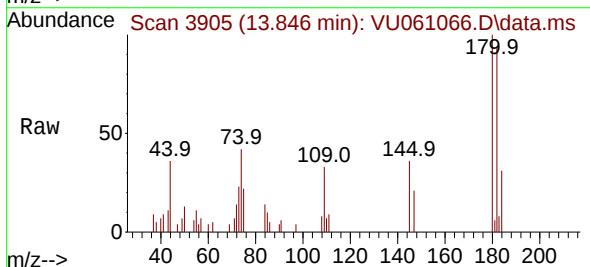
Tgt Ion:180 Resp: 5053

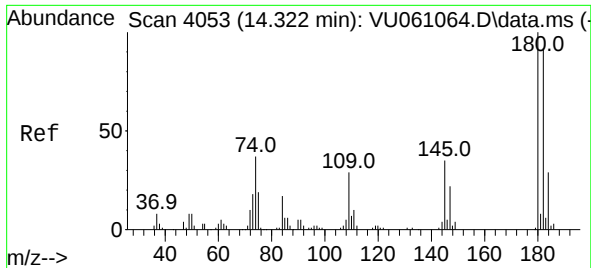
Ion Ratio Lower Upper

180 100

182 99.1 77.4 116.2

145 35.1 22.9 34.3#





#72

1,2,3-Trichlorobenzene

Concen: 0.342 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.009 min

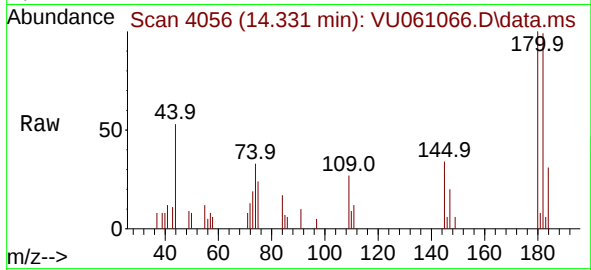
Lab File: VU061066.D

Acq: 02 Oct 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3871

Ion Ratio Lower Upper

180 100

182 93.7 75.7 113.5

145 32.0 23.5 35.3

