

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061776.D
 Acq On : 17 Nov 2024 05:03
 Operator : MD/SY
 Sample : P4827-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 04:24:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

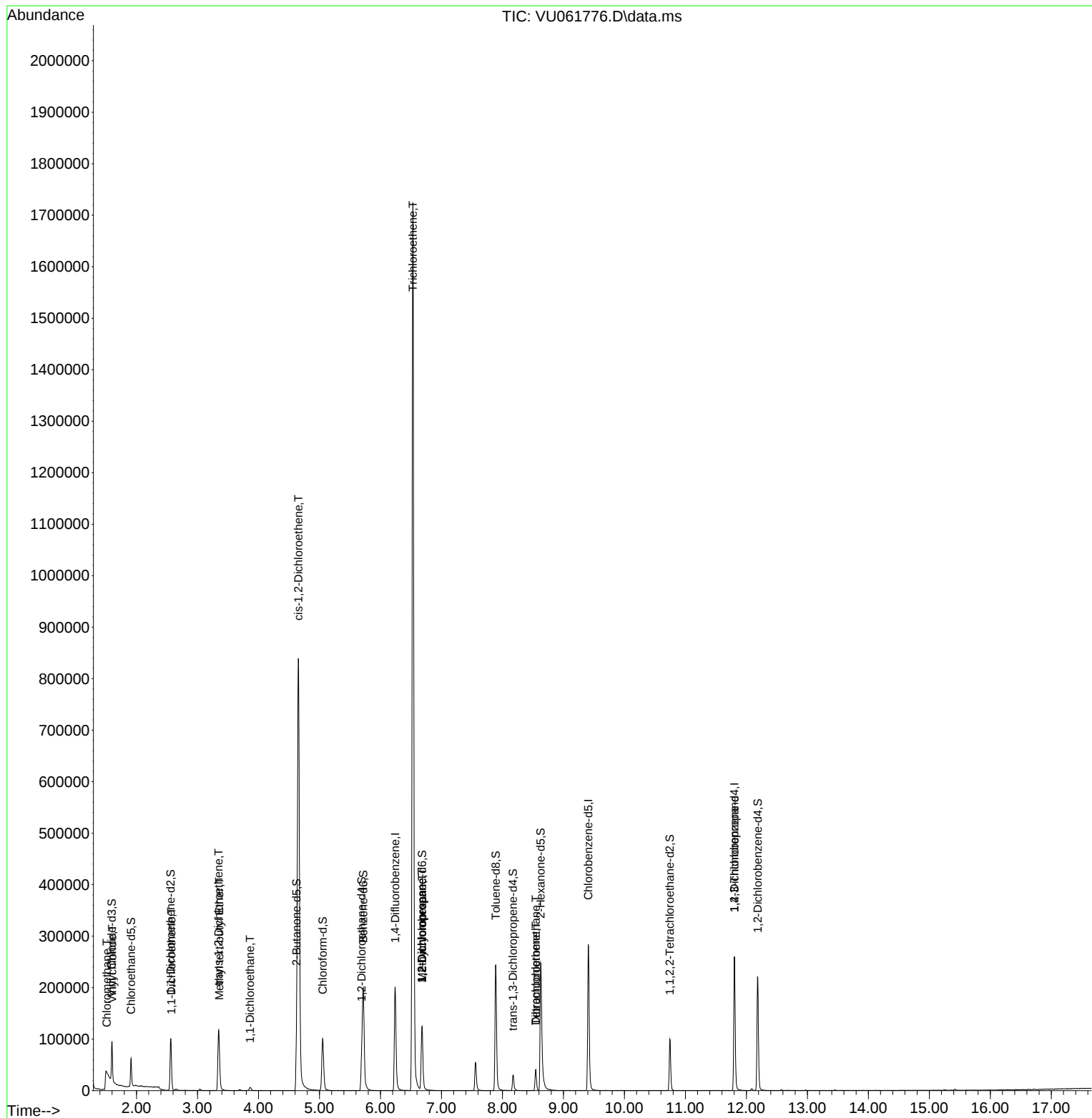
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38369	3.345	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.911	69	39484	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	18425	3.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.624	46	118764	48.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.560%
24) Chloroform-d	5.052	84	96589	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	49752	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.718	84	197430	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	61088	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	173199	3.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	18938	3.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.627	63	100119	50.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51220	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	61361	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.512	50	1378	0.115	ug/L #	41
5) Vinyl chloride	1.602	62	17791	1.347	ug/L #	1
12) 1,1-Dichloroethene	2.573	96	1984	0.185	ug/L #	1
17) Methyl tert-butyl Ether	3.358	73	6442	0.245	ug/L #	84
18) trans-1,2-Dichloroethene	3.348	96	50862	4.327	ug/L	98
19) 1,1-Dichloroethane	3.862	63	7616	0.355	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	455057	34.328	ug/L	98
34) Trichloroethene	6.531	95	596610	43.329	ug/L	98
35) Methylcyclohexane	6.682	83	13908	0.670	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	6452	0.499	ug/L #	89
47) Tetrachloroethene	8.547	164	9068	0.876	ug/L	97
49) Dibromochloromethane	8.547	129	9243	0.935	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	8904	1.284	ug/L #	66

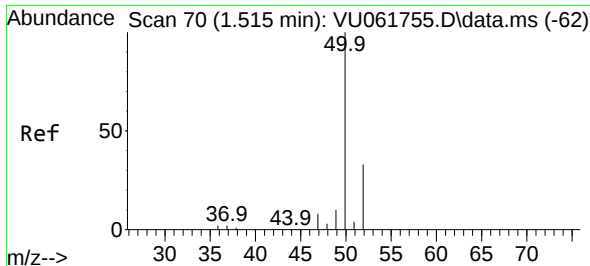
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061776.D
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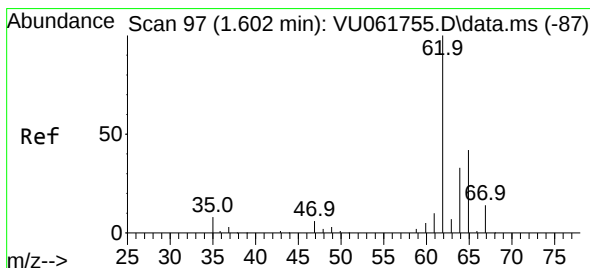
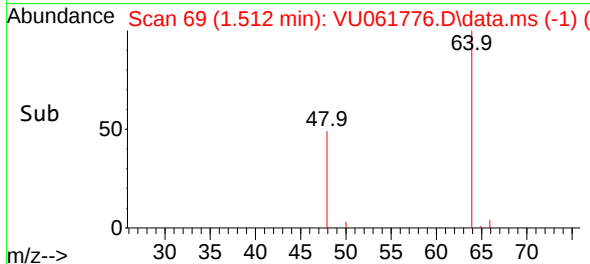
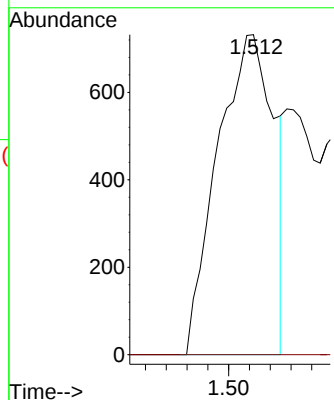
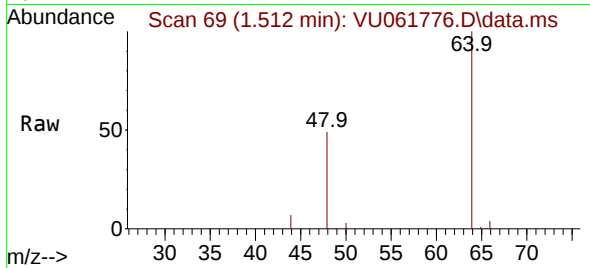




#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.512 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

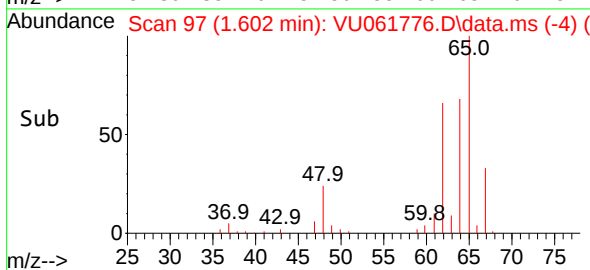
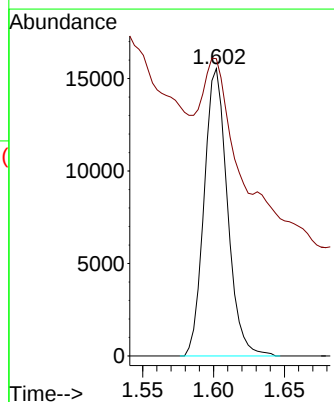
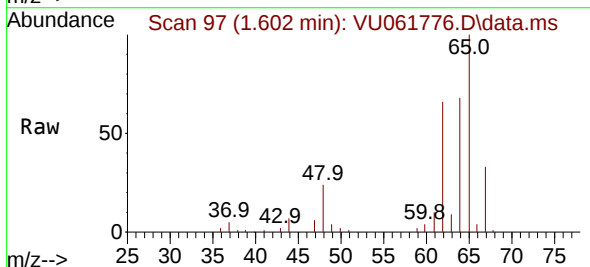
Instrument :
MSVOA_U
ClientSampleId :

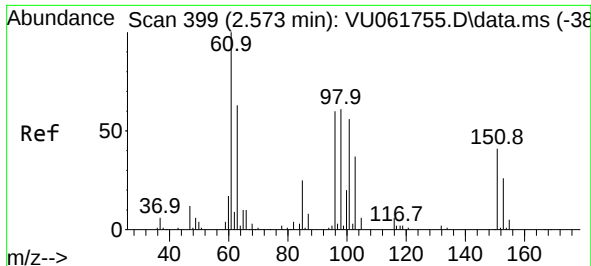
Tgt Ion: 50 Resp: 1378
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.2#



#5
Vinyl chloride
Concen: 1.347 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

Tgt Ion: 62 Resp: 17791
Ion Ratio Lower Upper
62 100
64 103.4 23.7 44.1#

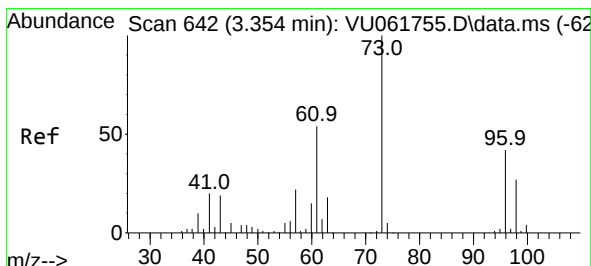
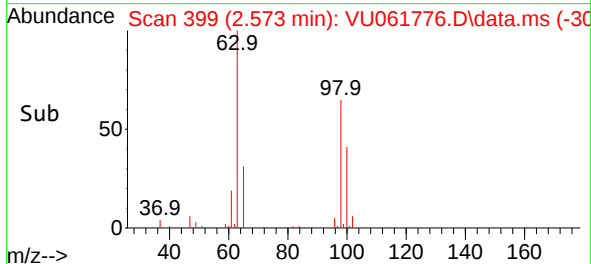
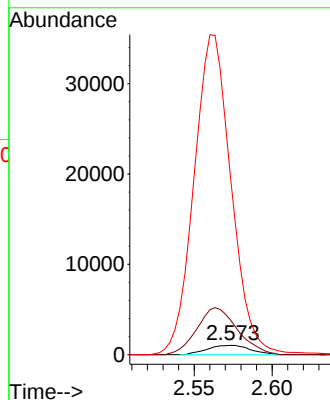
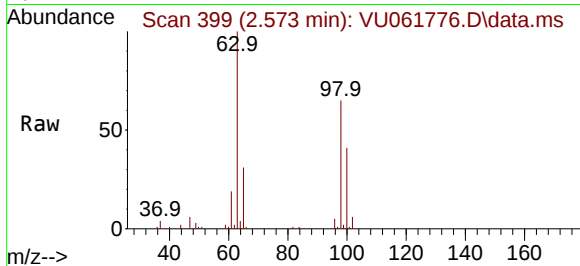




#12
1,1-Dichloroethene
Concen: 0.185 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

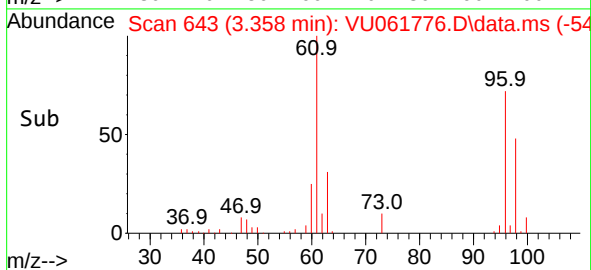
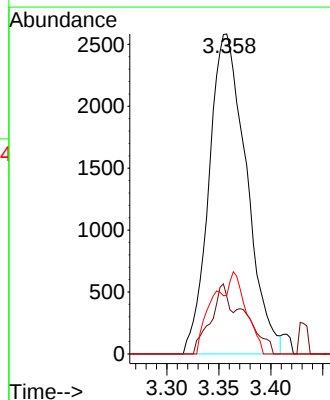
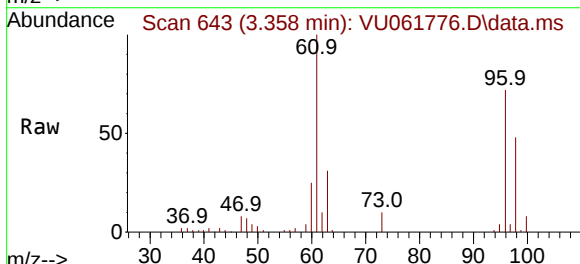
Instrument :
MSVOA_U
ClientSampleId :

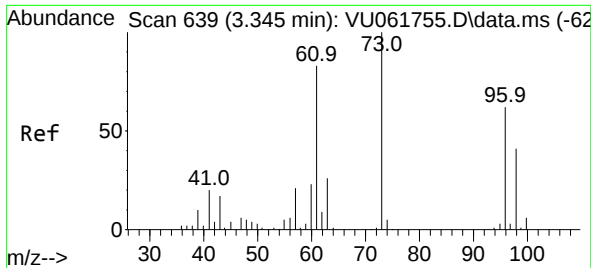
Tgt Ion: 96 Resp: 1984
Ion Ratio Lower Upper
96 100
61 378.0 116.8 217.0#
63 1957.4 86.1 159.9#



#17
Methyl tert-butyl Ether
Concen: 0.245 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

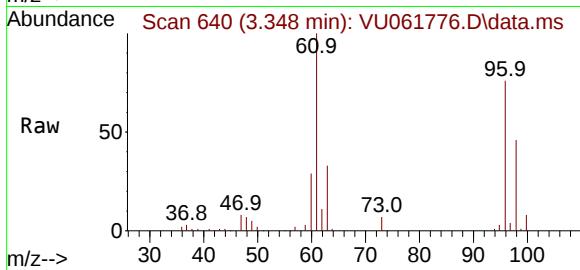
Tgt Ion: 73 Resp: 6442
Ion Ratio Lower Upper
73 100
43 11.6 14.2 21.4#
57 13.1 16.9 25.3#





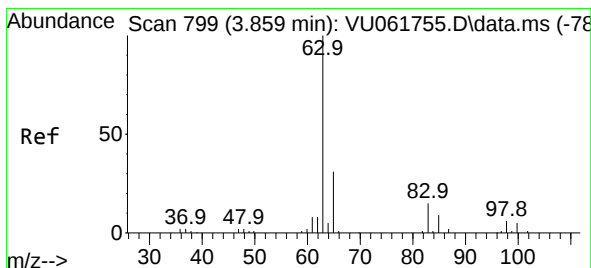
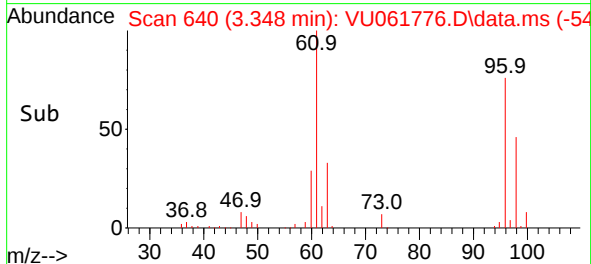
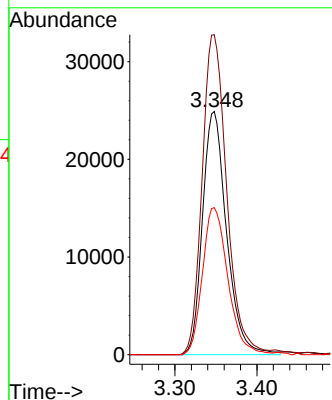
#18
trans-1,2-Dichloroethene
Concen: 4.327 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 50862

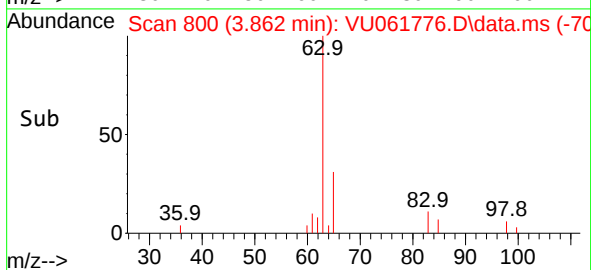
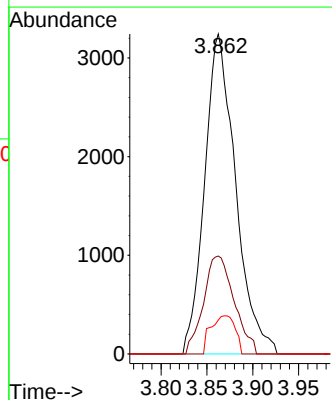
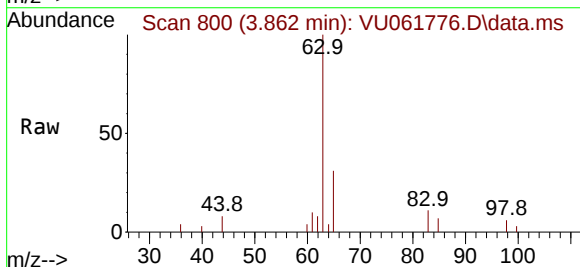
Ion	Ratio	Lower	Upper
96	100		
61	131.6	94.1	174.8
98	60.4	43.2	80.2

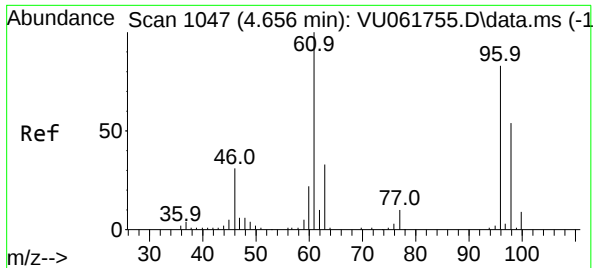


#19
1,1-Dichloroethane
Concen: 0.355 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

Tgt Ion: 63 Resp: 7616

Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.4	43.4
83	10.6	9.6	17.8

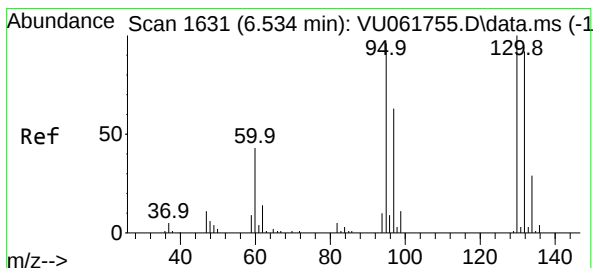
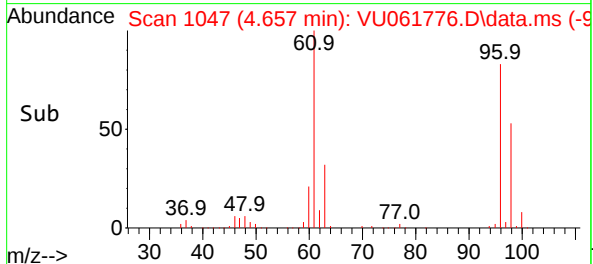
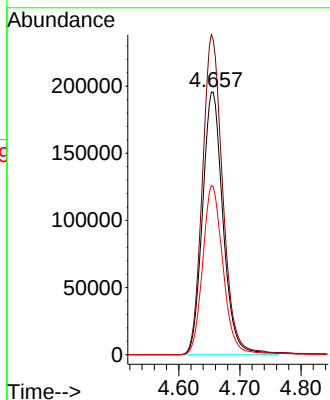
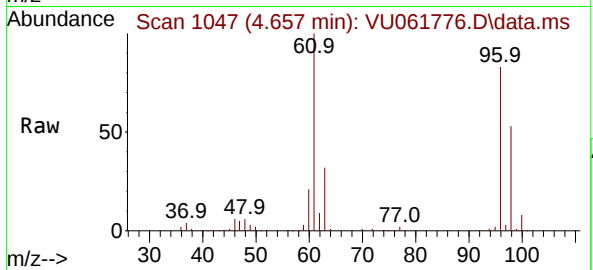




#22
 cis-1,2-Dichloroethene
 Concen: 34.328 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

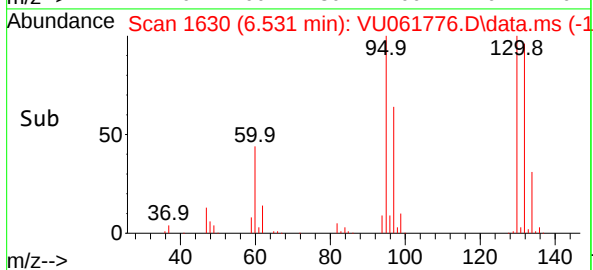
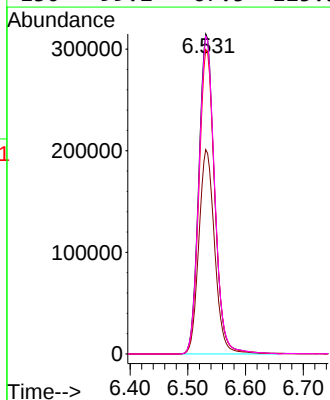
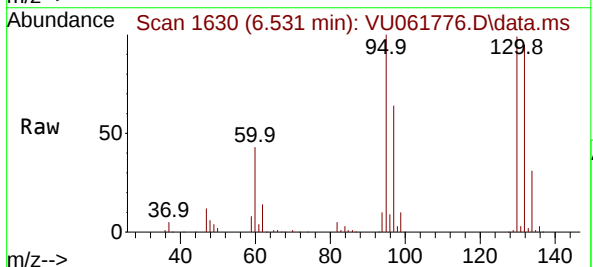
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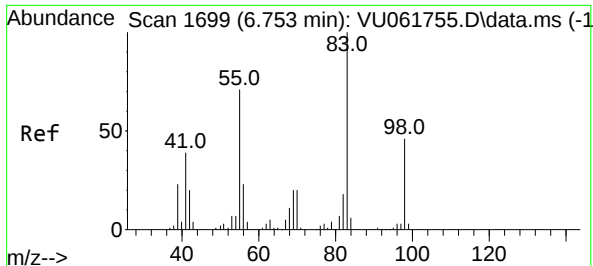
Tgt Ion: 96 Resp: 455057
 Ion Ratio Lower Upper
 96 100
 61 119.9 85.6 159.0
 98 64.0 45.6 84.8



#34
 Trichloroethene
 Concen: 43.329 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

Tgt Ion: 95 Resp: 596610
 Ion Ratio Lower Upper
 95 100
 97 63.9 43.5 80.9
 132 95.2 65.2 121.0
 130 99.2 67.5 125.3





#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU061776.D

Acq: 17 Nov 2024 05:03

Instrument :

MSVOA_U

ClientSampleId :

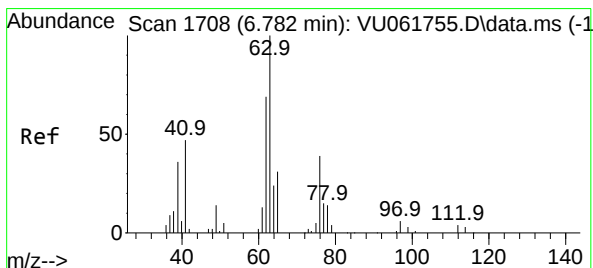
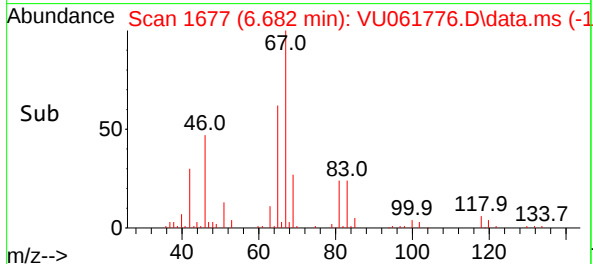
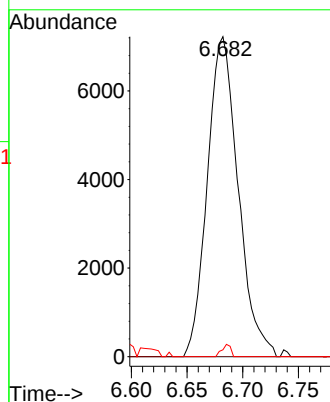
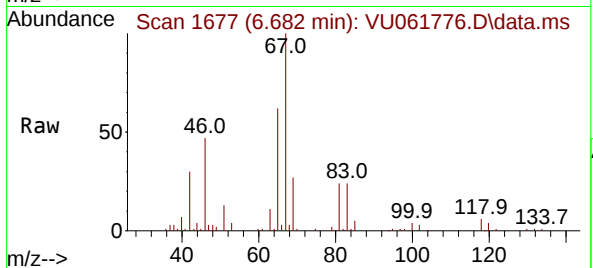
Tgt Ion: 83 Resp: 13908

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: 0.499 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU061776.D

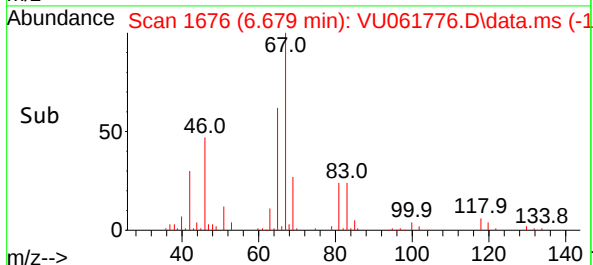
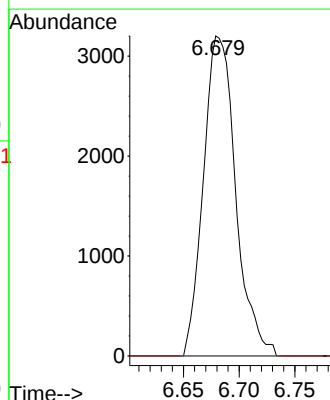
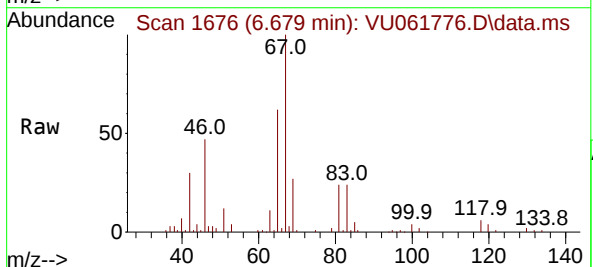
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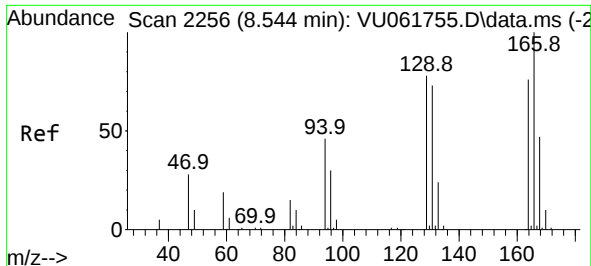
Tgt Ion: 63 Resp: 6452

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 0.876 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU061776.D

Acq: 17 Nov 2024 05:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 9068

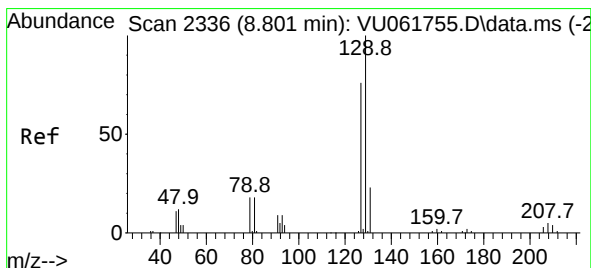
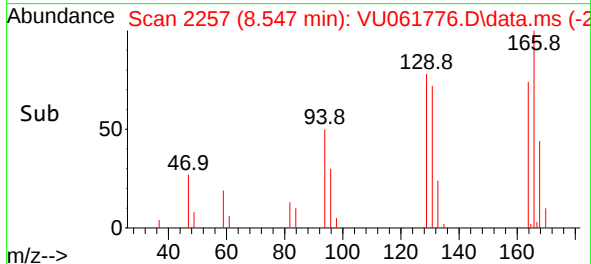
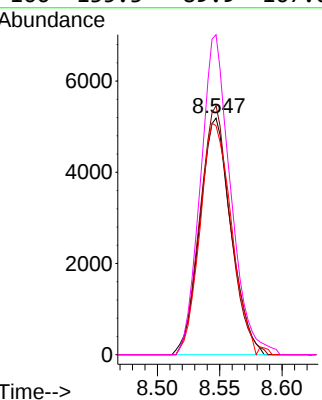
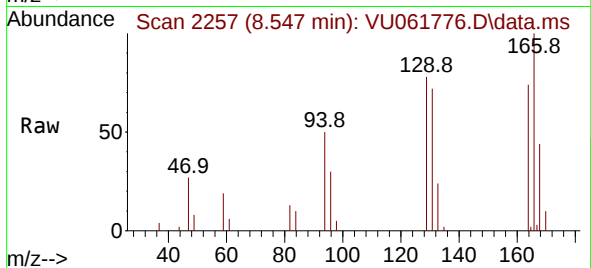
Ion Ratio Lower Upper

164 100

129 105.3 71.7 133.3

131 96.8 68.2 126.6

166 135.3 89.9 167.0



#49

Dibromochloromethane

Concen: 0.935 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU061776.D

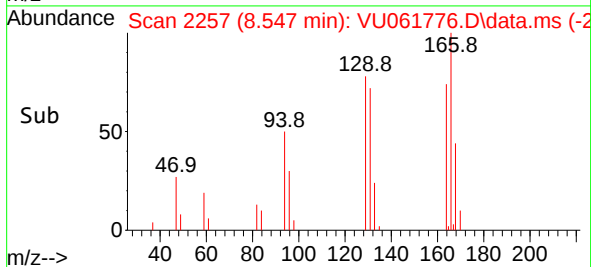
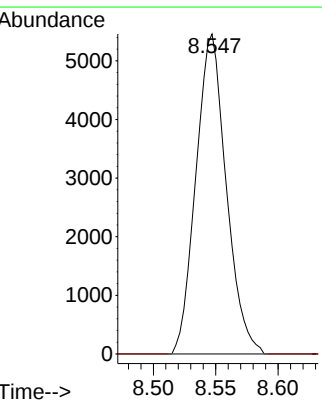
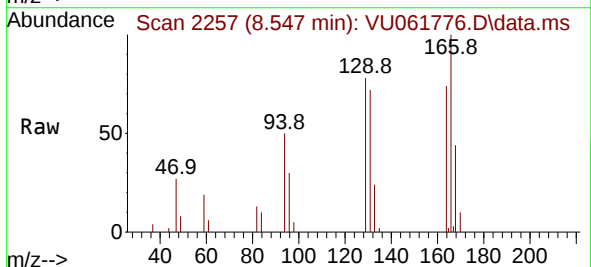
Acq: 17 Nov 2024 05:03

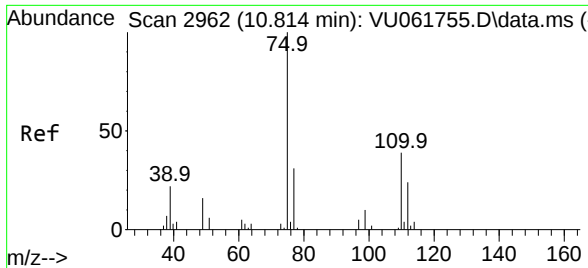
Tgt Ion:129 Resp: 9243

Ion Ratio Lower Upper

129 100

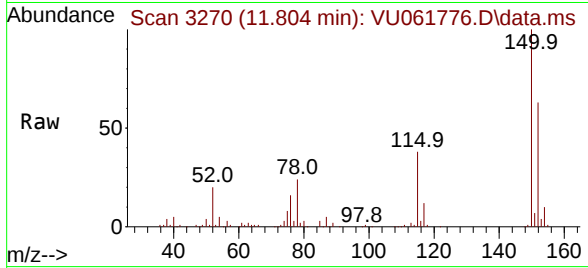
127 0.0 55.1 102.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.284 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	8904
Ion	Ratio	Lower	Upper
75	100		
110	1.6	31.3	46.9#
77	33.3	26.0	39.0

