

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061998.D
 Acq On : 23 Nov 2024 02:40
 Operator : MD/SY
 Sample : P4904-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:18:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	123078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	116147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29606	4.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.907	69	22966	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	13907	5.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	4.621	46	69140	36.470	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.940%
24) Chloroform-d	5.052	84	66488	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	33657	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.718	84	126380	5.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.682	67	39305	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.891	98	111915	5.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.600%
43) trans-1,3-Dichloroprop...	8.174	79	13678	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	46324	35.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30052	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	39389	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.136	101	13216	0.916	ug/L	99
13) Acetone	2.358	43	199629	152.513	ug/L	43
16) Methylene chloride	3.036	84	11003	1.110	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	8178	0.387	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	6773	0.776	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	9423	0.960	ug/L	89
29) 1,1,1-Trichloroethane	5.306	97	11585	0.865	ug/L	98
34) Trichloroethene	6.531	95	71999	7.691	ug/L	99
35) Methylcyclohexane	6.682	83	9310	0.650	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4254	0.467	ug/L #	87
42) Toluene	7.965	91	9295	0.253	ug/L	95
47) Tetrachloroethene	8.544	164	21913	3.218	ug/L	92
49) Dibromochloromethane	8.544	129	21169	2.985	ug/L #	13
51) Chlorobenzene	9.441	112	3976	0.158	ug/L	95
53) m,p-Xylene	9.688	106	1777	0.114	ug/L	89
61) 1,2,3-Trichloropropane	11.801	75	5665	0.943	ug/L #	67

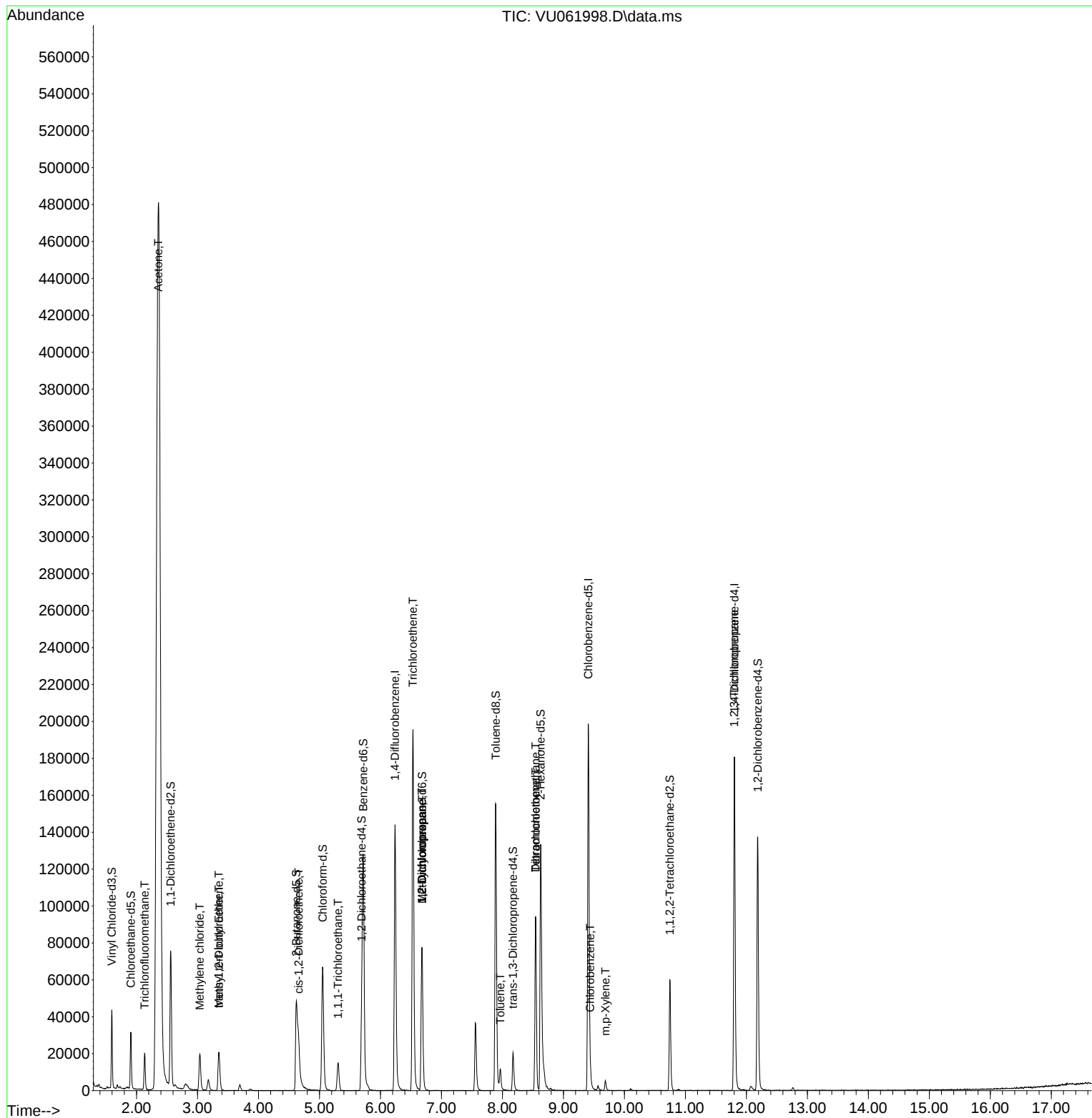
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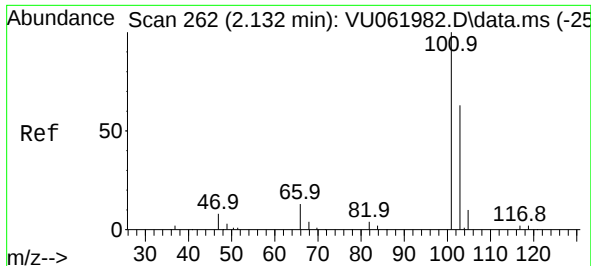
Instrument :
MSVOA_U
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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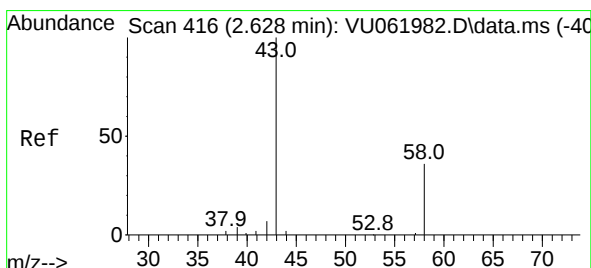
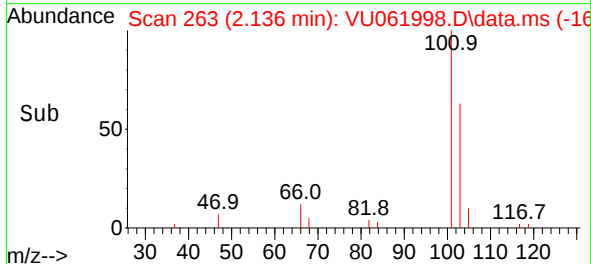
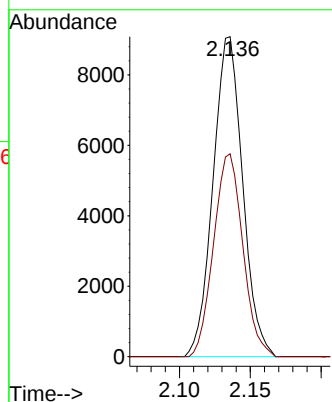
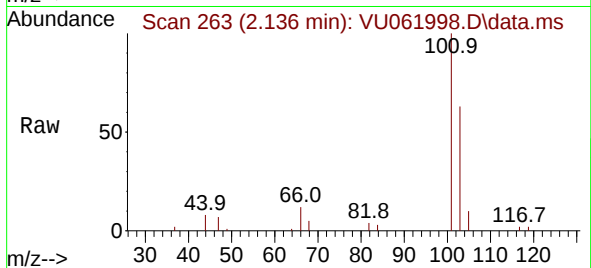




#9
Trichlorofluoromethane
Concen: 0.916 ug/L
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

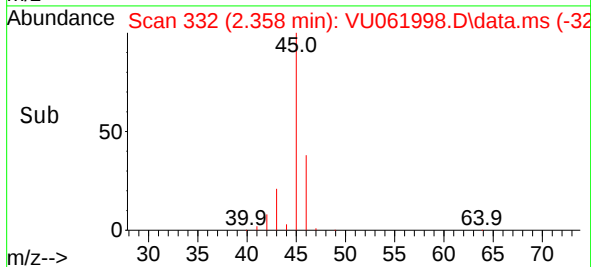
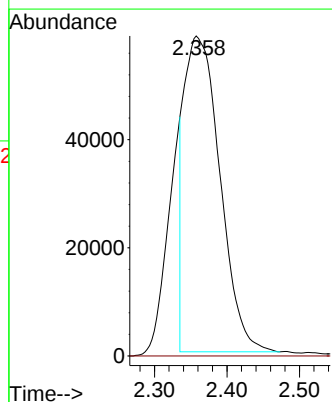
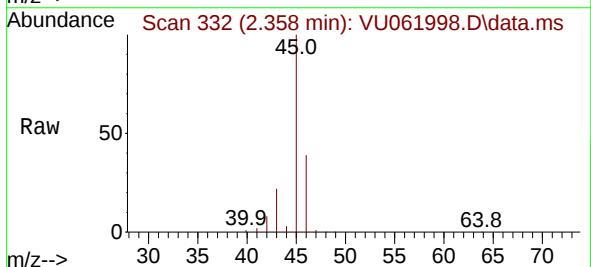
Instrument :
MSVOA_U
ClientSampleId :

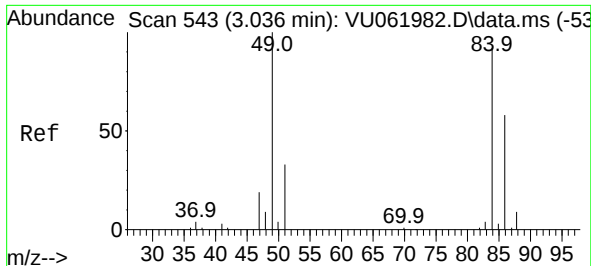
Tgt Ion:101 Resp: 13216
Ion Ratio Lower Upper
101 100
103 62.5 50.6 75.8



#13
Acetone
Concen: 152.513 ug/L
RT: 2.358 min Scan# 332
Delta R.T. -0.270 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

Tgt Ion: 43 Resp: 199629
Ion Ratio Lower Upper
43 100
58 0.2 0.0 64.0





#16

Methylene chloride

Concen: 1.110 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

Instrument :

MSVOA_U

ClientSampleId :

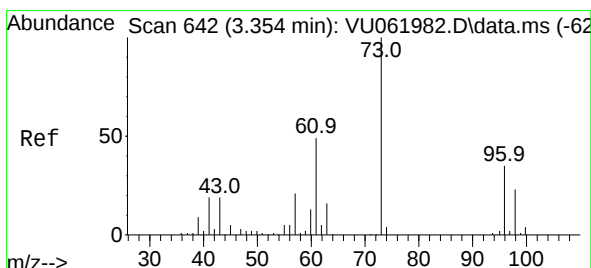
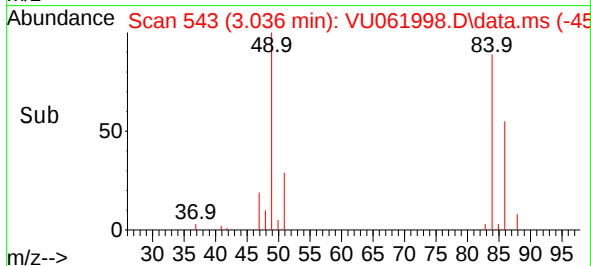
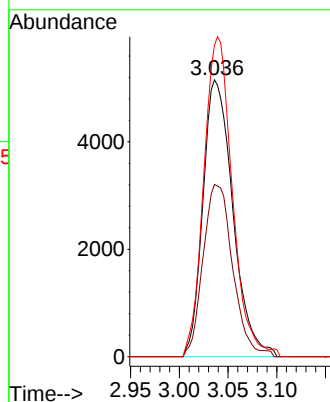
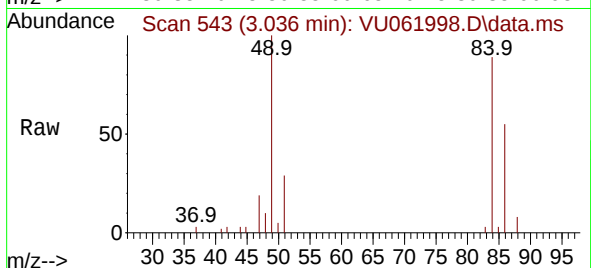
Tgt Ion: 84 Resp: 11003

Ion Ratio Lower Upper

84 100

86 62.2 43.5 80.7

49 112.4 81.9 152.1



#17

Methyl tert-butyl Ether

Concen: 0.387 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.003 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

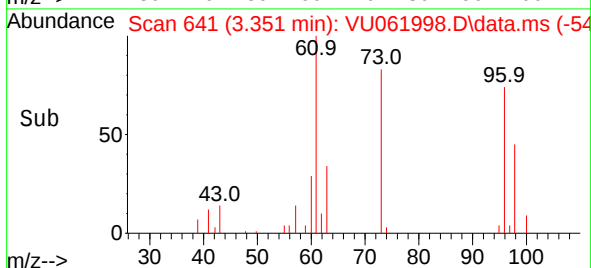
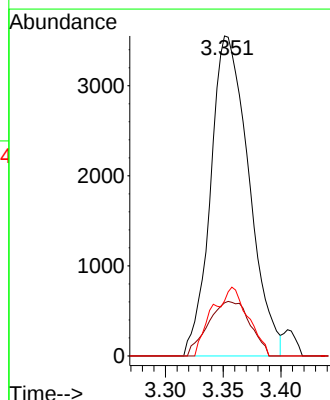
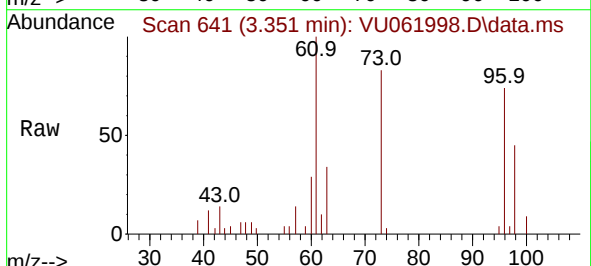
Tgt Ion: 73 Resp: 8178

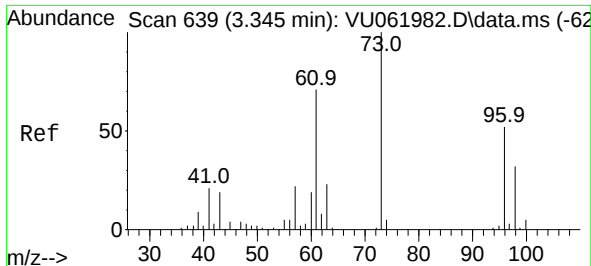
Ion Ratio Lower Upper

73 100

43 18.6 16.3 24.5

57 20.3 17.1 25.7

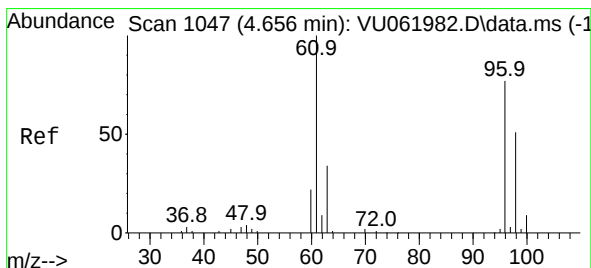
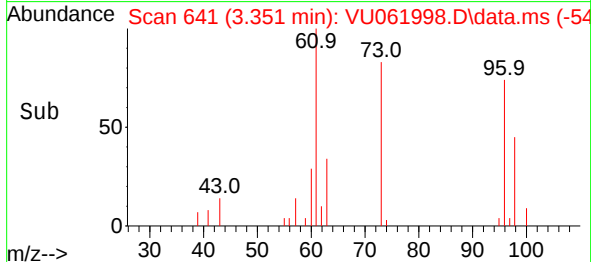
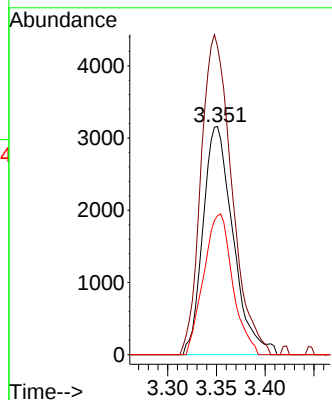
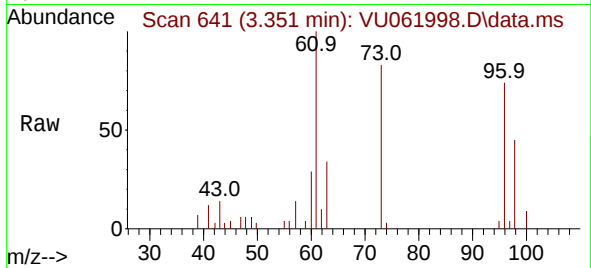




#18
trans-1,2-Dichloroethene
Concen: 0.776 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

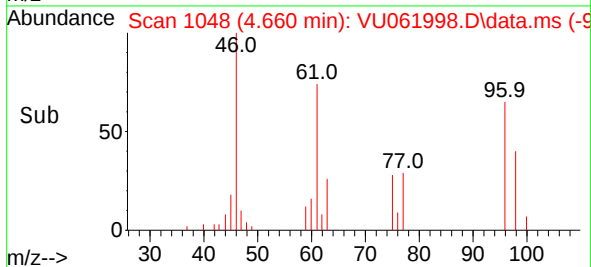
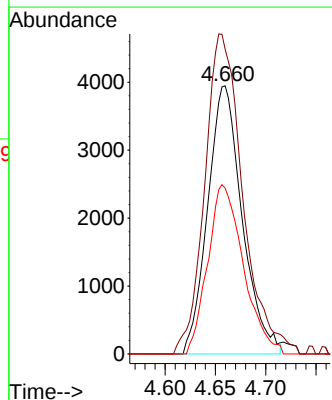
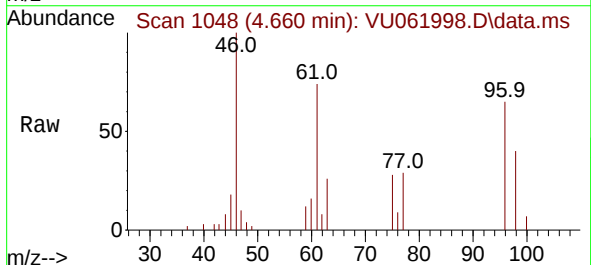
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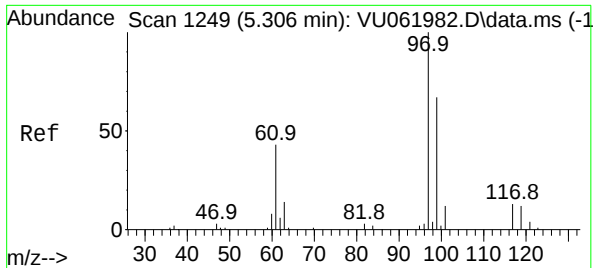
Tgt Ion: 96 Resp: 6773
Ion Ratio Lower Upper
96 100
61 135.1 104.2 193.4
98 60.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 0.960 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

Tgt Ion: 96 Resp: 9423
Ion Ratio Lower Upper
96 100
61 113.6 92.0 170.8
98 61.8 44.5 82.7

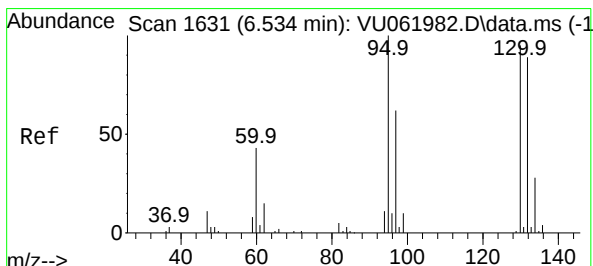
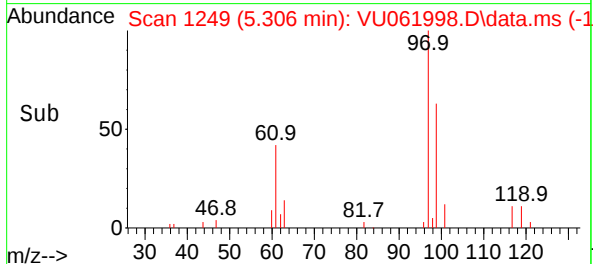
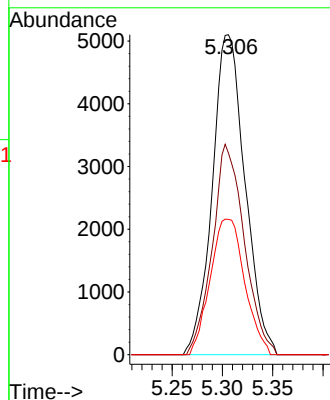
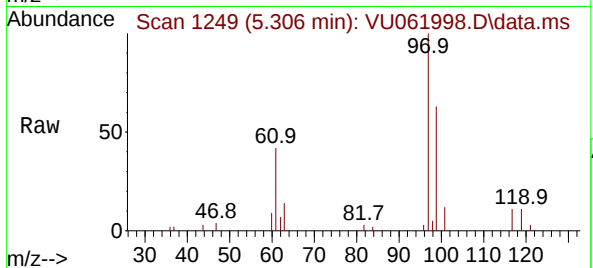




#29
1,1,1-Trichloroethane
Concen: 0.865 ug/L
RT: 5.306 min Scan# 11585
Delta R.T. 0.000 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

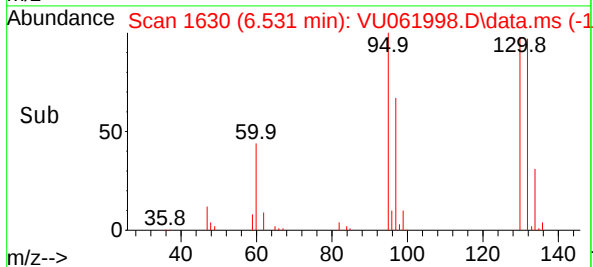
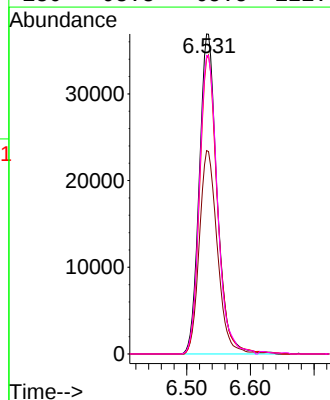
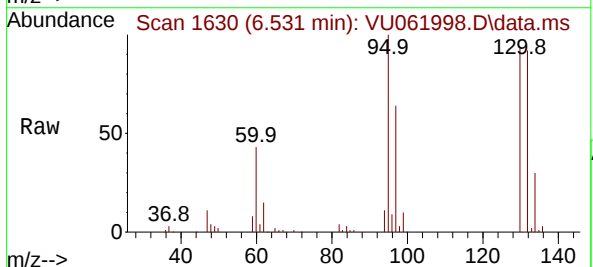
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ClientSampleId :

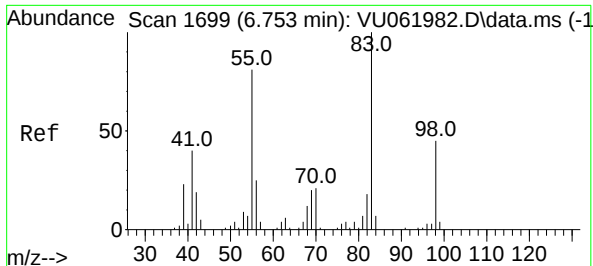
Tgt Ion:	97	Resp:	11585
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	44.4	37.8	56.6



#34
Trichloroethene
Concen: 7.691 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

Tgt Ion:	95	Resp:	71999
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.9	85.3
132	92.3	63.8	118.4
130	93.3	65.5	121.7

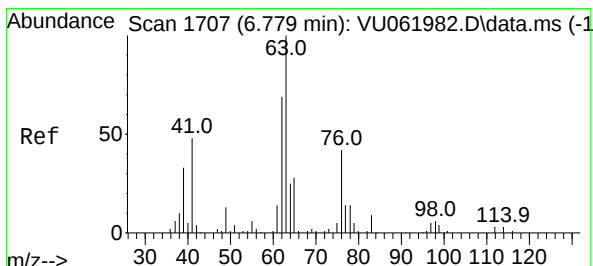
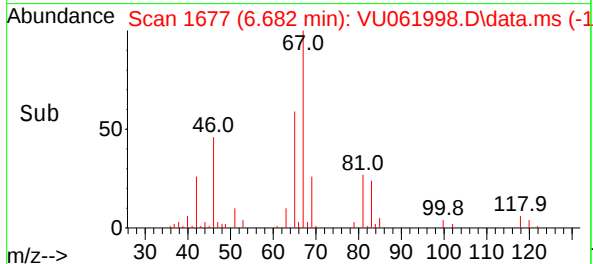
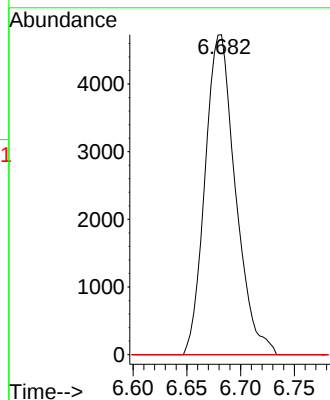
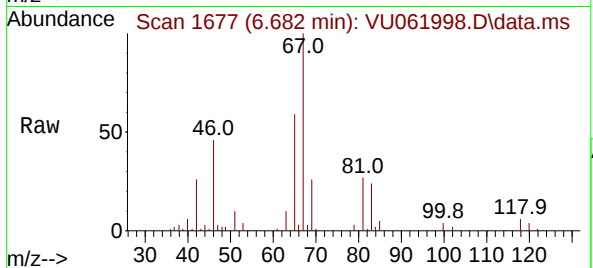




#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

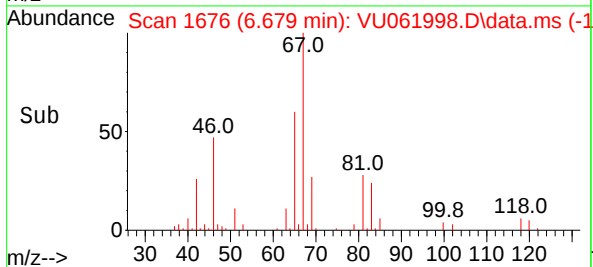
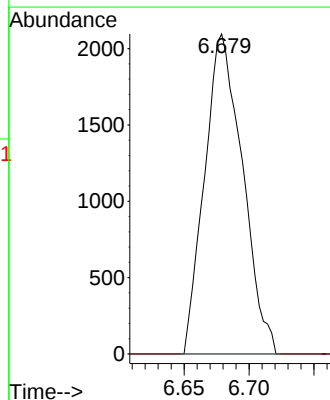
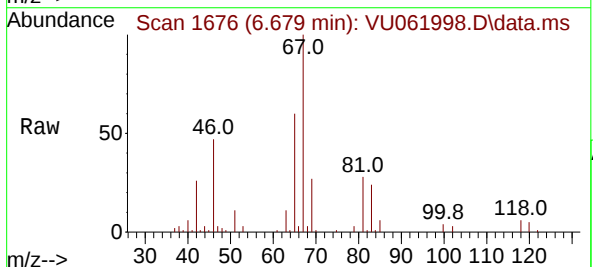
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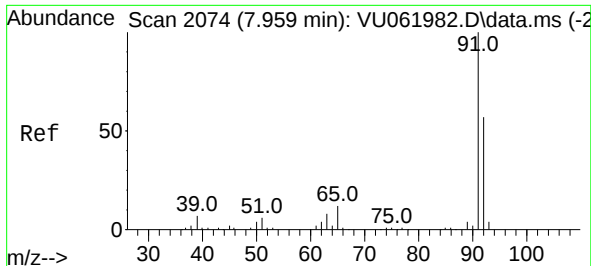
Tgt Ion	83	Resp	9310
Ion Ratio	100		
Lower			
Upper			
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#



#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU061998.D
Acq: 23 Nov 2024 02:40

Tgt Ion	63	Resp	4254
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
112	0.0	3.4	5.0#





#42

Toluene

Concen: 0.253 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

Instrument :

MSVOA_U

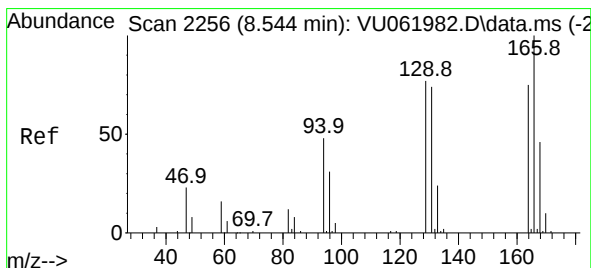
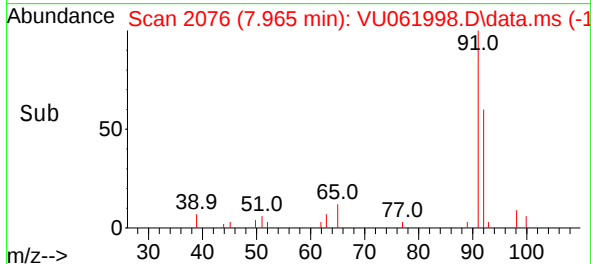
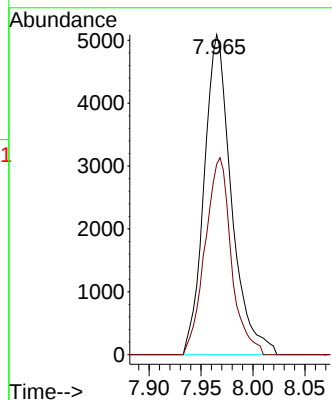
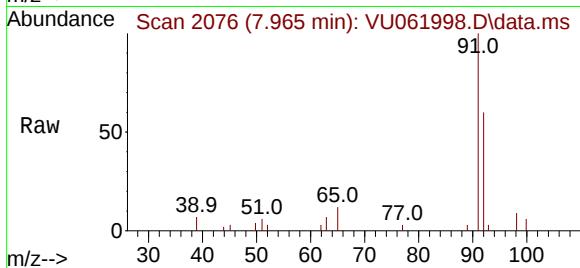
ClientSampleId :

Tgt Ion: 91 Resp: 9295

Ion Ratio Lower Upper

91 100

92 59.5 39.0 72.4



#47

Tetrachloroethene

Concen: 3.218 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

Tgt Ion: 164 Resp: 21913

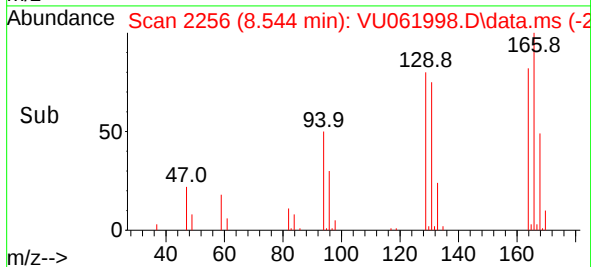
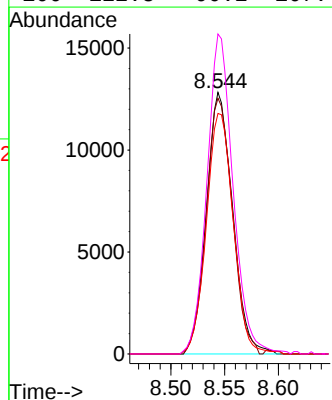
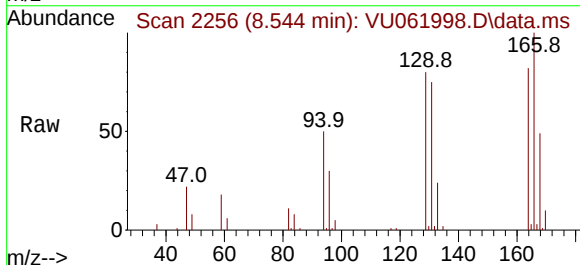
Ion Ratio Lower Upper

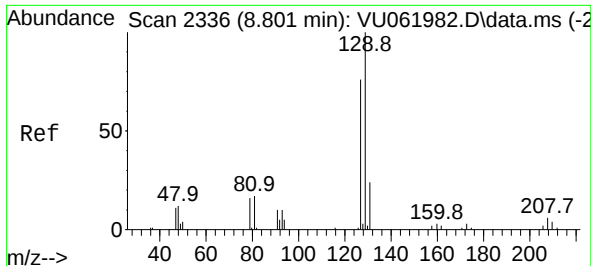
164 100

129 97.7 73.2 136.0

131 91.9 72.3 134.3

166 122.3 90.2 167.4





#49

Dibromochloromethane

Concen: 2.985 ug/L

RT: 8.544 min Scan# 21169

Delta R.T. -0.257 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

Instrument :

MSVOA_U

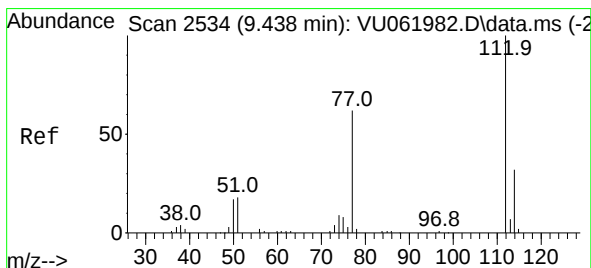
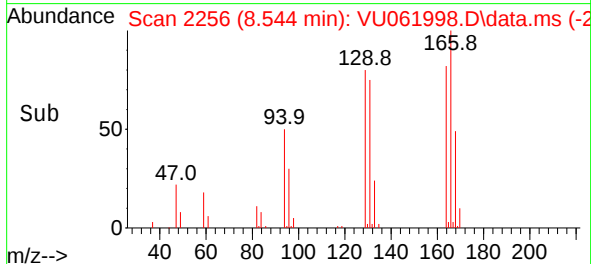
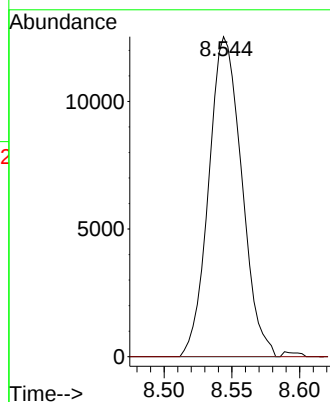
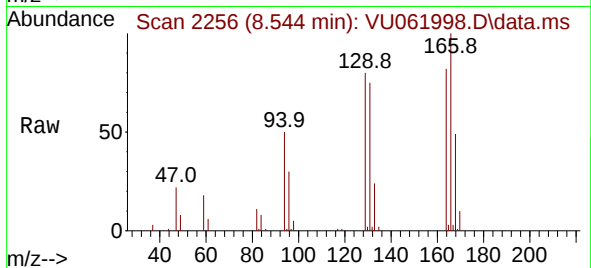
ClientSampleId :

Tgt Ion:129 Resp: 21169

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#51

Chlorobenzene

Concen: 0.158 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

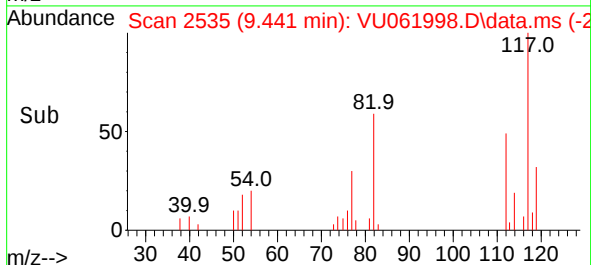
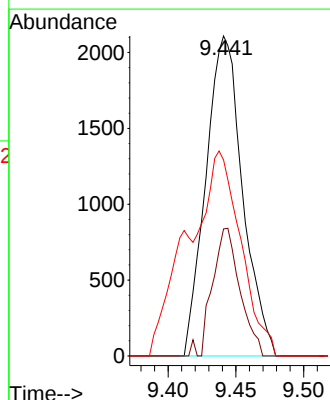
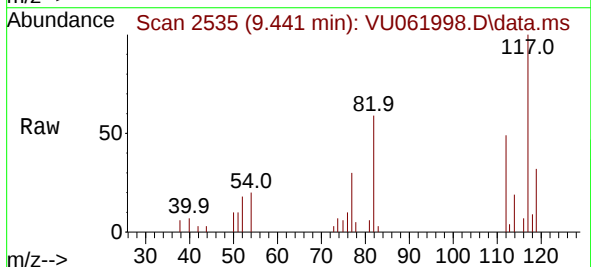
Tgt Ion:112 Resp: 3976

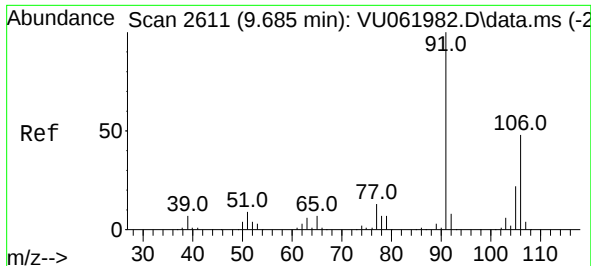
Ion Ratio Lower Upper

112 100

114 36.9 23.0 42.6

77 66.3 50.5 75.7





#53

m,p-Xylene

Concen: 0.114 ug/L

RT: 9.688 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

Instrument :

MSVOA_U

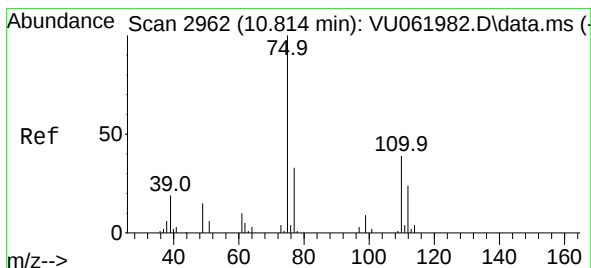
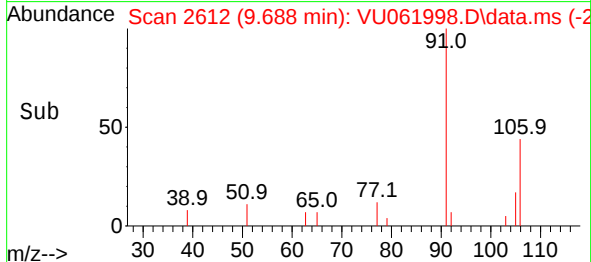
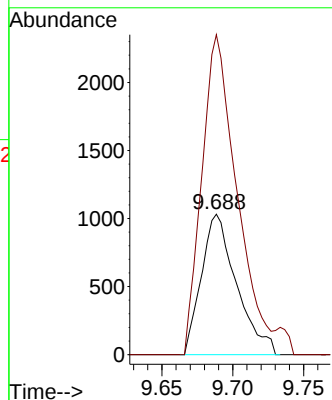
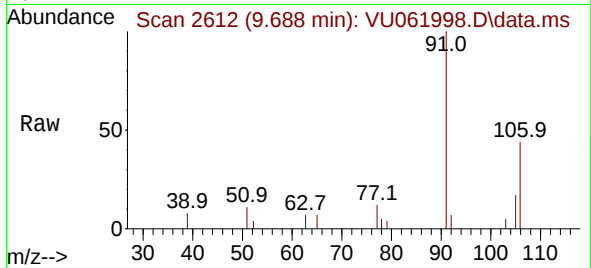
ClientSampleId :

Tgt Ion:106 Resp: 1777

Ion Ratio Lower Upper

106 100

91 227.8 147.6 274.0



#61

1,2,3-Trichloropropane

Concen: 0.943 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU061998.D

Acq: 23 Nov 2024 02:40

Tgt Ion: 75 Resp: 5665

Ion Ratio Lower Upper

75 100

110 1.8 28.9 43.3#

77 36.3 26.5 39.7

