

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU061004.D
 Acq On : 25 Sep 2024 15:08
 Operator : MD/SY
 Sample : P4186-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 05:39:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

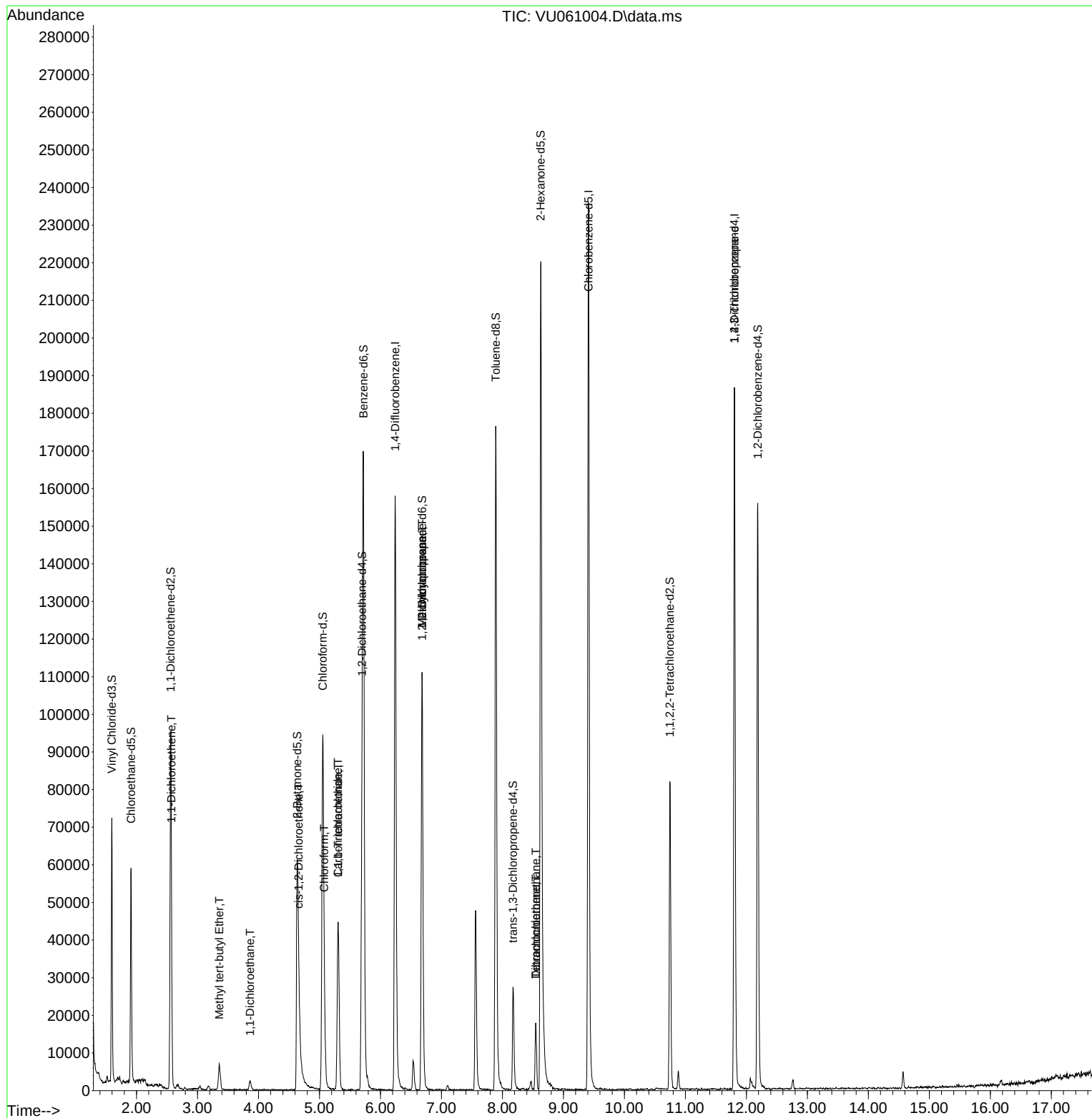
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131772	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49024	4.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.911	69	42191	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.560	65	17970	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.634	46	108447	56.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.000%
24) Chloroform-d	5.055	84	90073	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.698	65	45459	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	163526	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	58328	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	129089	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.174	79	17762	4.280	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	79598	48.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44025	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46690	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	3224	0.389	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	7131	0.381	ug/L	96
19) 1,1-Dichloroethane	3.862	63	3312	0.192	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	1278	0.134	ug/L #	74
25) Chloroform	5.078	83	12322	0.685	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	33642	2.242	ug/L	96
31) Carbon tetrachloride	5.306	117	4250	0.320	ug/L	98
35) Methylcyclohexane	6.682	83	12494	0.909	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6074	0.577	ug/L #	93
47) Tetrachloroethene	8.547	164	4294	0.539	ug/L	98
49) Dibromochloromethane	8.547	129	4092	0.473	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	7476	1.481	ug/L #	62

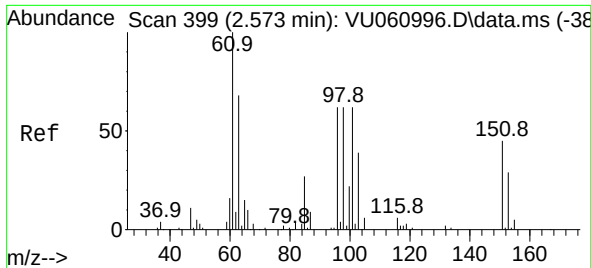
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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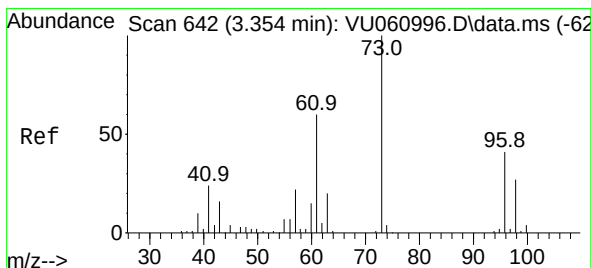
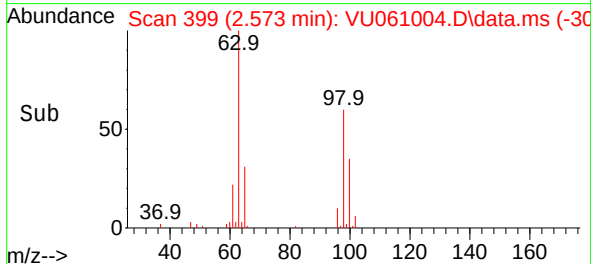
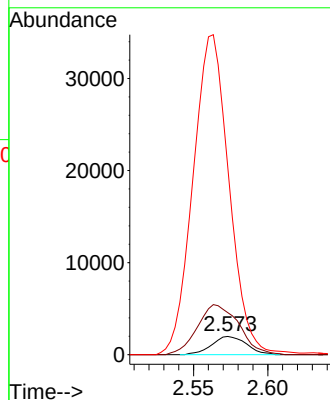
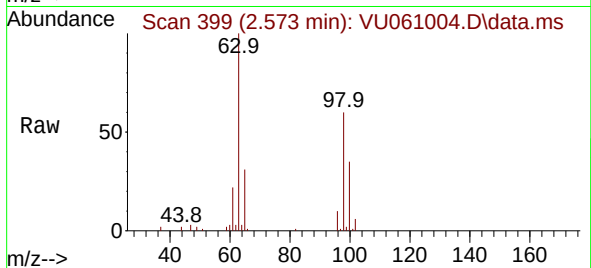




#12
1,1-Dichloroethene
Concen: 0.389 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

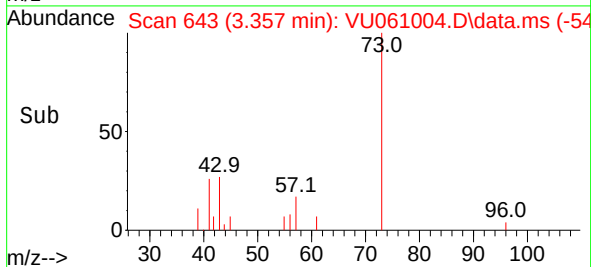
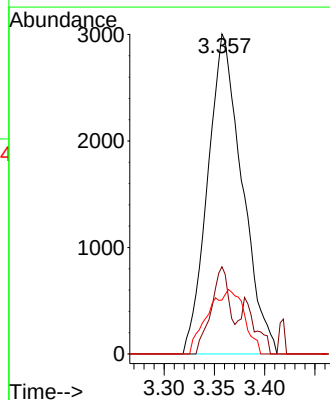
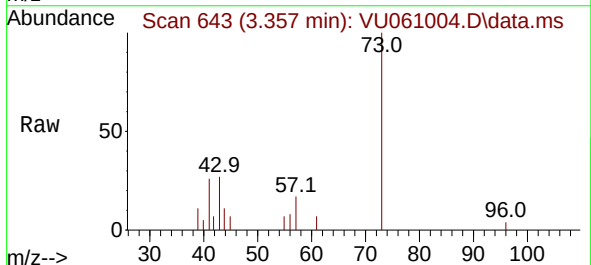
Instrument :
MSVOA_U
ClientSampleId :

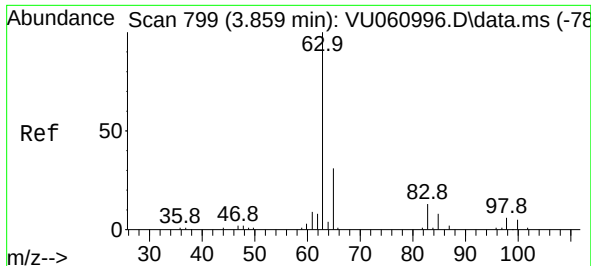
Tgt Ion: 96 Resp: 3224
Ion Ratio Lower Upper
96 100
61 229.7 120.7 224.1#
63 1027.2 90.0 167.2#



#17
Methyl tert-butyl Ether
Concen: 0.381 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

Tgt Ion: 73 Resp: 7131
Ion Ratio Lower Upper
73 100
43 14.7 13.8 20.8
57 21.4 18.0 27.0

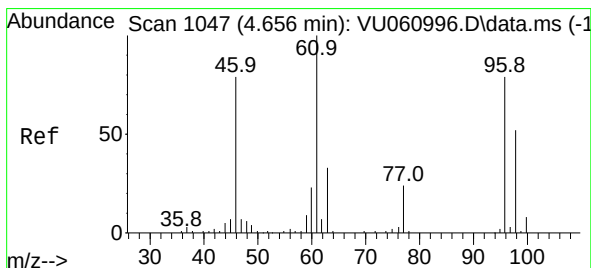
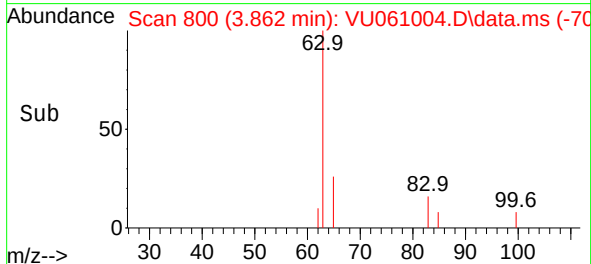
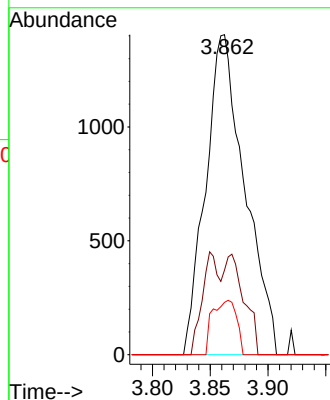
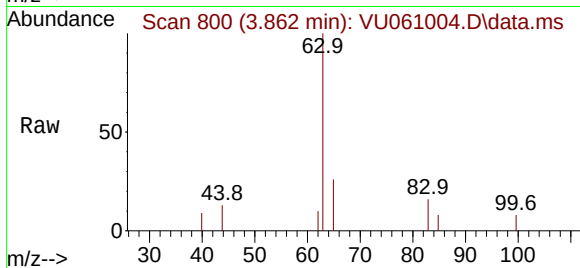




#19
1,1-Dichloroethane
Concen: 0.192 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

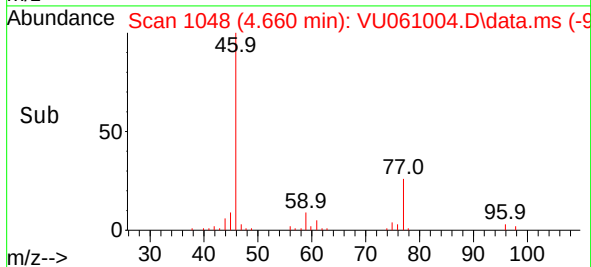
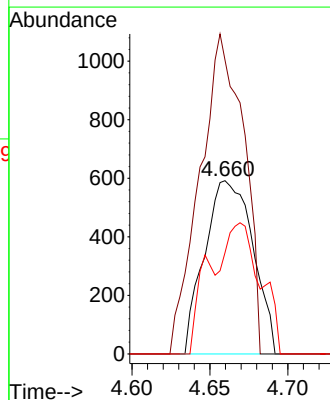
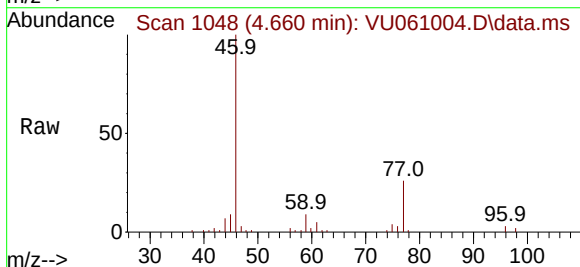
Instrument :
MSVOA_U
ClientSampleId :

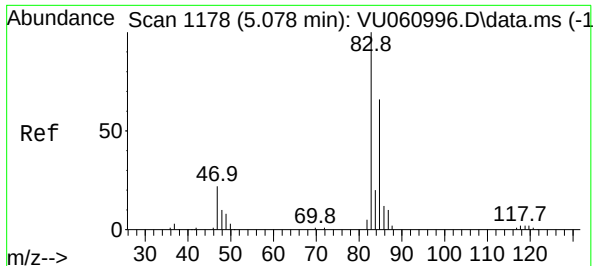
Tgt Ion: 63 Resp: 3312
Ion Ratio Lower Upper
63 100
65 26.5 23.0 42.8
83 16.4 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.134 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

Tgt Ion: 96 Resp: 1278
Ion Ratio Lower Upper
96 100
61 169.6 89.7 166.5#
98 58.4 45.1 83.9





#25

Chloroform

Concen: 0.685 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

Instrument :

MSVOA_U

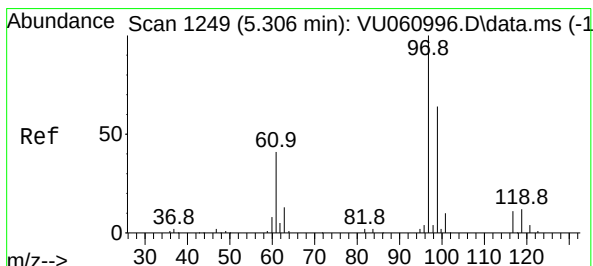
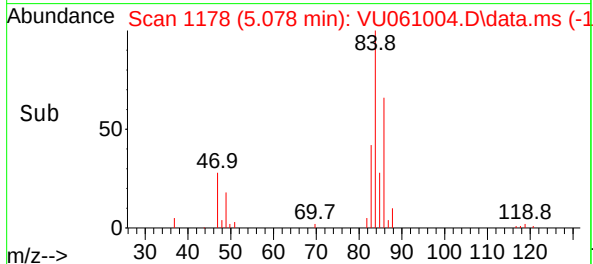
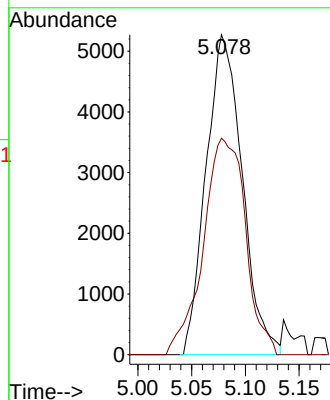
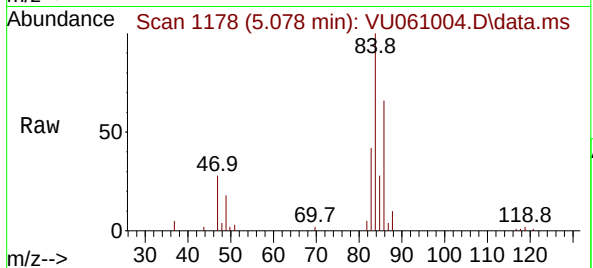
ClientSampleId :

Tgt Ion: 83 Resp: 12322

Ion Ratio Lower Upper

83 100

85 67.7 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 2.242 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

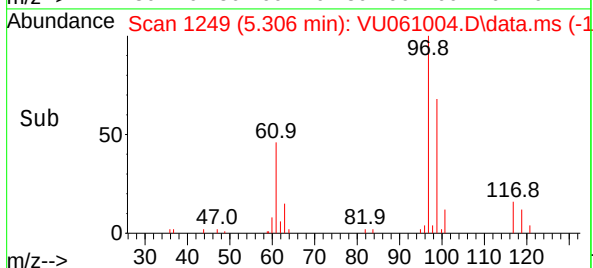
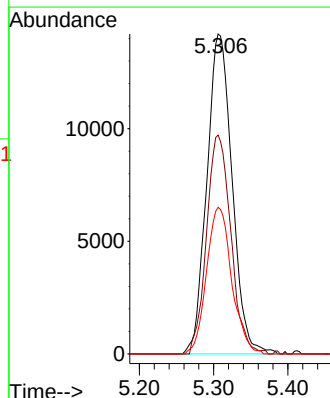
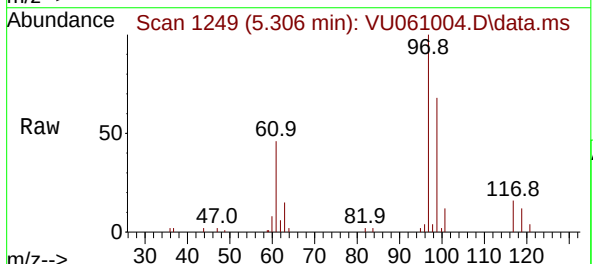
Tgt Ion: 97 Resp: 33642

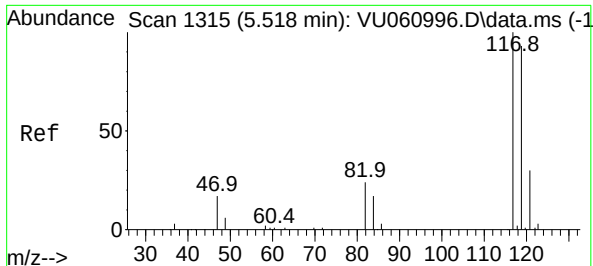
Ion Ratio Lower Upper

97 100

99 65.7 50.5 75.7

61 45.5 34.4 51.6

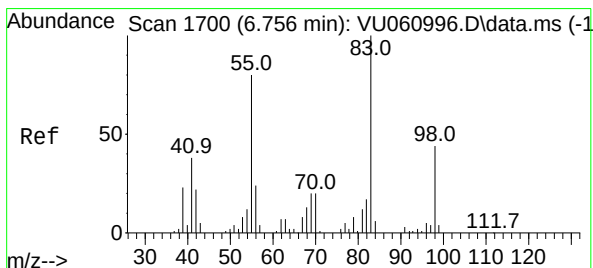
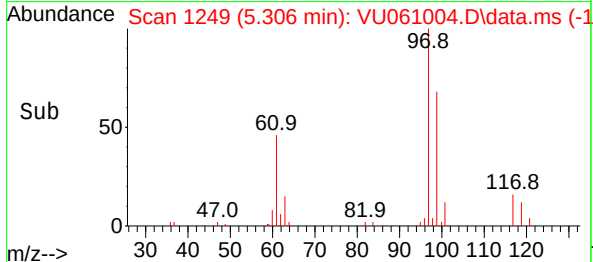
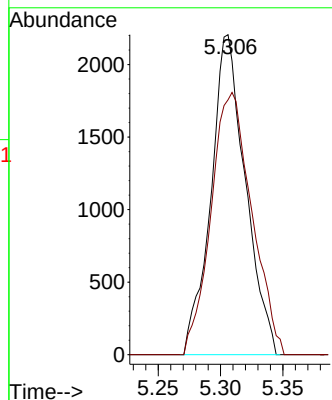
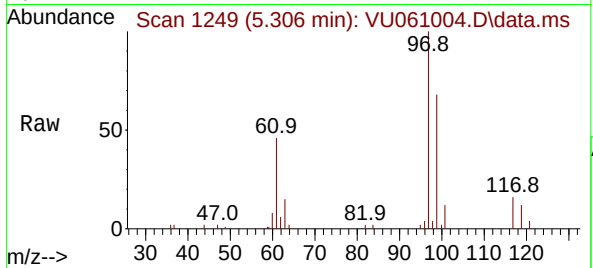




#31
Carbon tetrachloride
Concen: 0.320 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

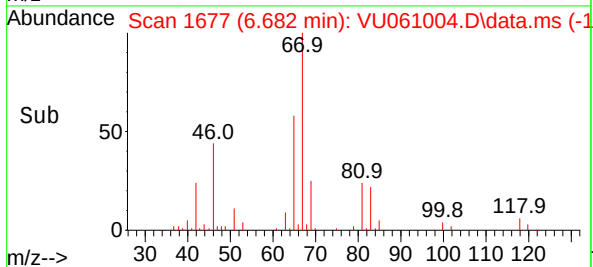
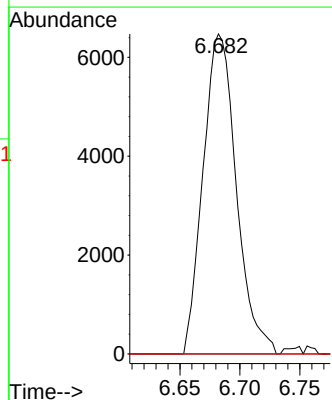
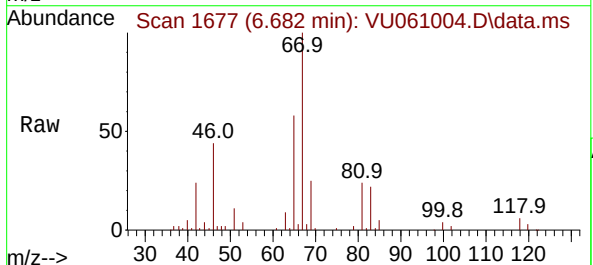
Instrument :
MSVOA_U
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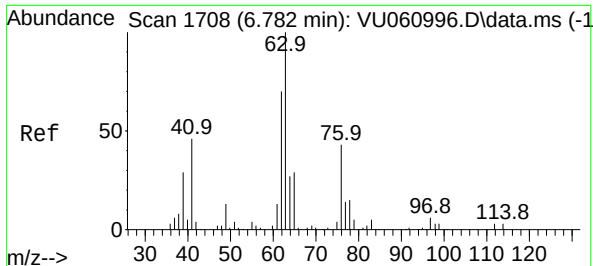
Tgt Ion:117 Resp: 4250
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5



#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

Tgt Ion: 83 Resp: 12494
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 2.5 37.6 56.4#

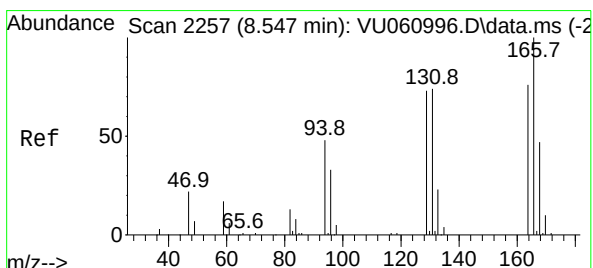
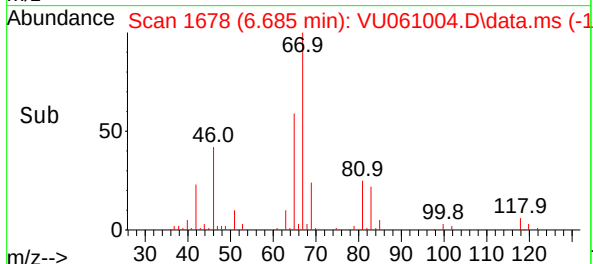
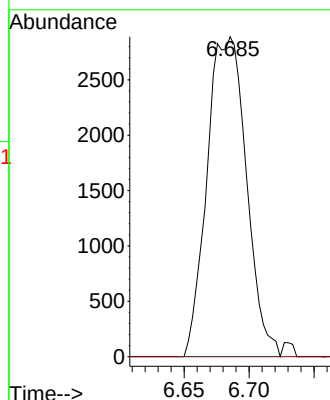
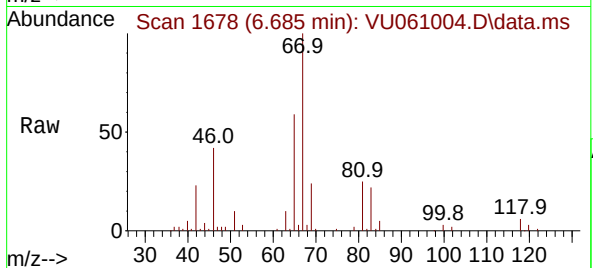




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

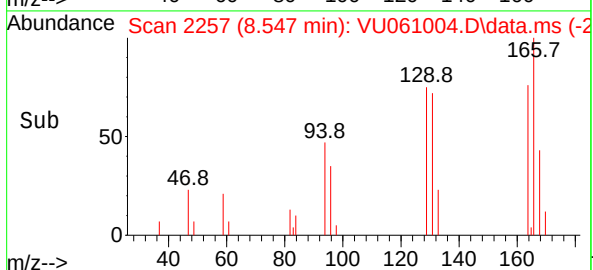
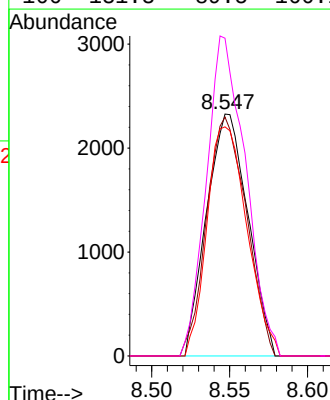
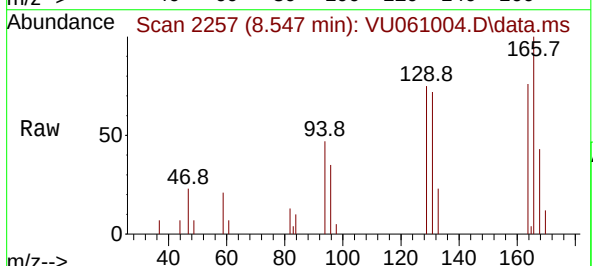
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MSVOA_U
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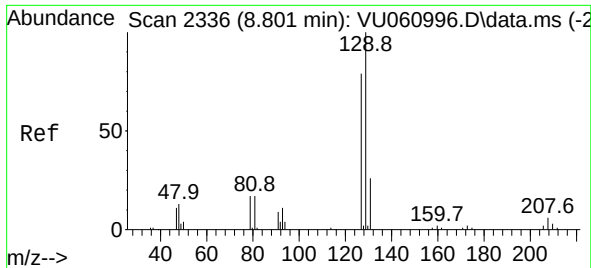
Tgt Ion: 63 Resp: 6074
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.539 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

Tgt Ion:164 Resp: 4294
Ion Ratio Lower Upper
164 100
129 98.7 67.3 124.9
131 94.7 65.4 121.4
166 131.3 89.5 166.1





#49

Dibromochloromethane

Concen: 0.473 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

Instrument :

MSVOA_U

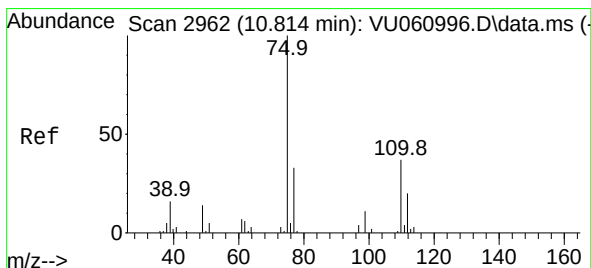
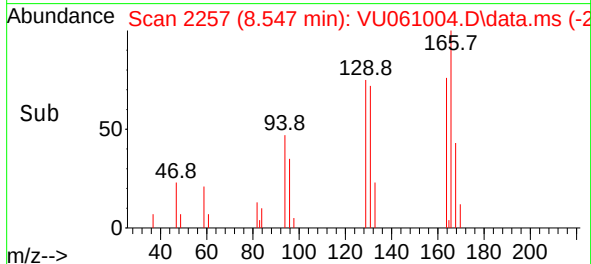
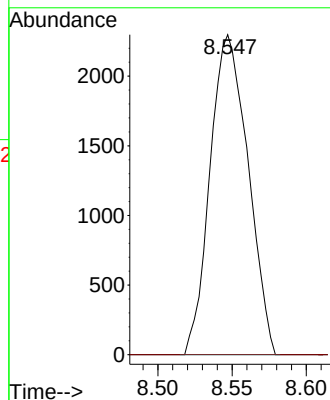
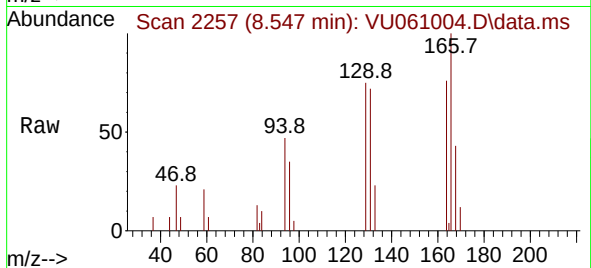
ClientSampleId :

Tgt Ion:129 Resp: 4092

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.481 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

Tgt Ion: 75 Resp: 7476

Ion Ratio Lower Upper

75 100

110 0.3 28.6 43.0#

77 25.9 26.3 39.5#

