

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112324\
 Data File : VU062012.D
 Acq On : 23 Nov 2024 16:36
 Operator : MD/SY
 Sample : P4904-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 01:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

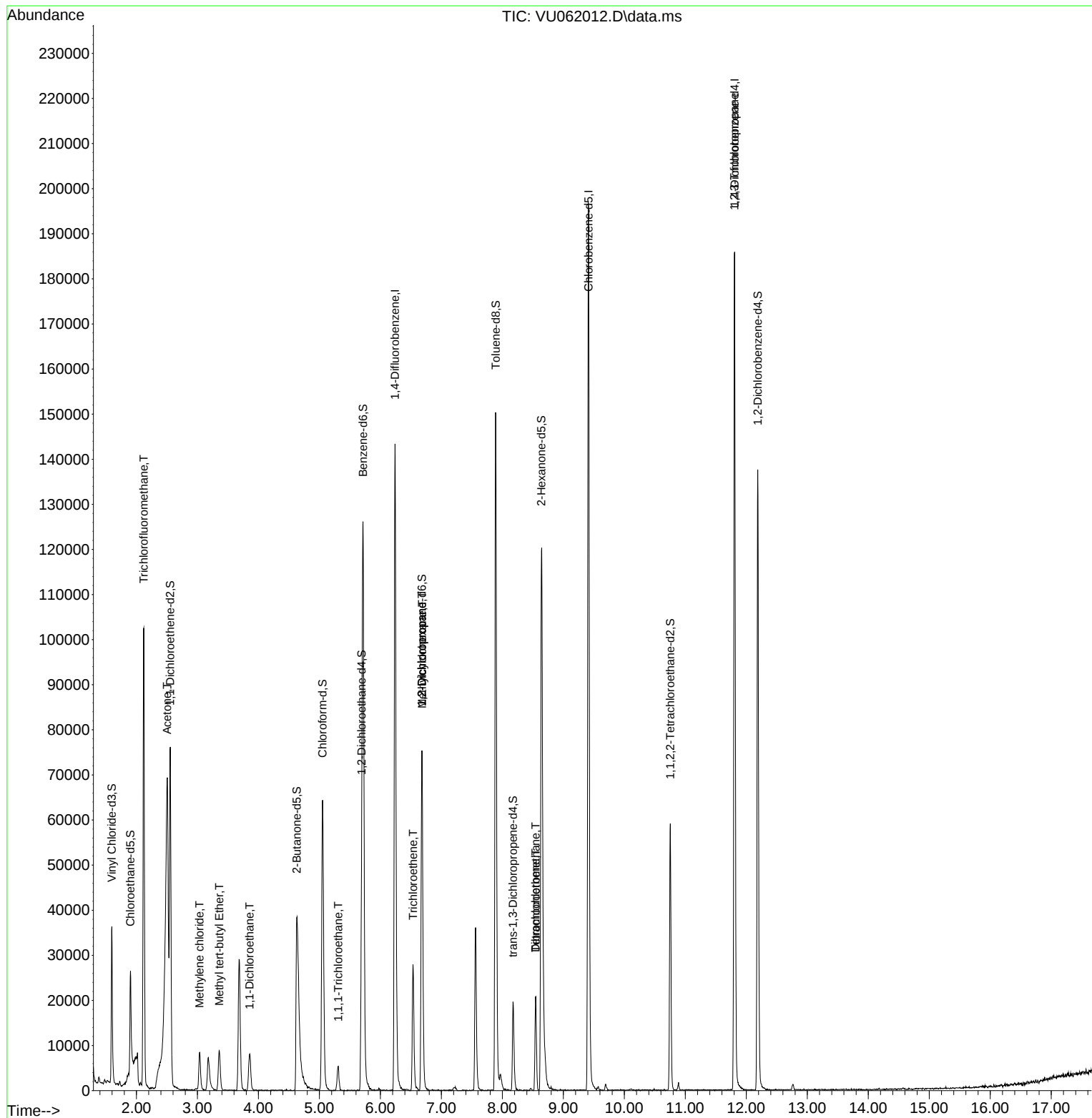
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	120608	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	114567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27177	4.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.901	69	16742	3.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.551	65	13764	5.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.400%
20) 2-Butanone-d5	4.628	46	66460	35.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.540%
24) Chloroform-d	5.049	84	65064	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	33068	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.714	84	119918	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.679	67	38075	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	109118	5.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
43) trans-1,3-Dichloroprop...	8.174	79	13556	4.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.640	63	49291	38.460	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	29132	3.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	38414	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.120	101	69705	4.931	ug/L	100
13) Acetone	2.502	43	30499	23.778	ug/L	43
16) Methylene chloride	3.033	84	4968	0.512	ug/L	86
17) Methyl tert-butyl Ether	3.358	73	10553	0.509	ug/L	99
19) 1,1-Dichloroethane	3.856	63	9057	0.544	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	4742	0.359	ug/L #	84
34) Trichloroethene	6.534	95	10107	1.095	ug/L	95
35) Methylcyclohexane	6.682	83	9557	0.677	ug/L #	24
37) 1,2-Dichloropropane	6.679	63	4017	0.447	ug/L #	87
47) Tetrachloroethene	8.544	164	4910	0.731	ug/L	97
49) Dibromochloromethane	8.544	129	4807	0.687	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5724	0.928	ug/L #	67

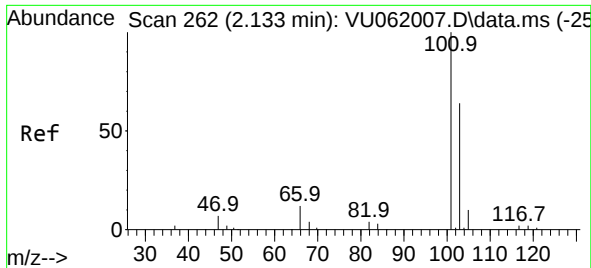
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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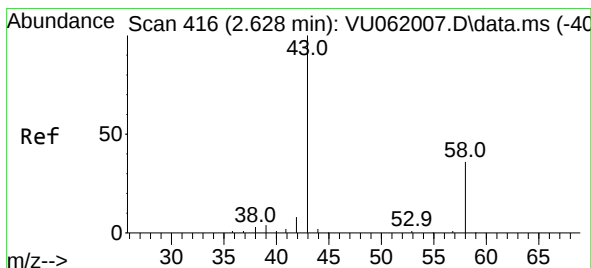
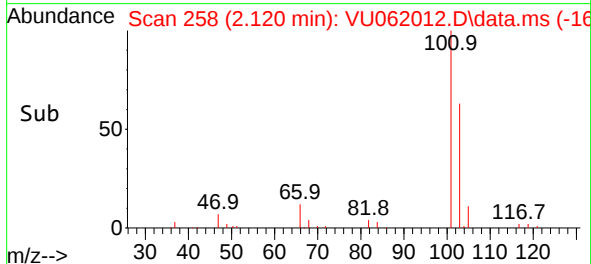
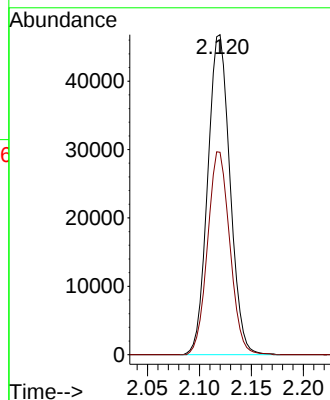
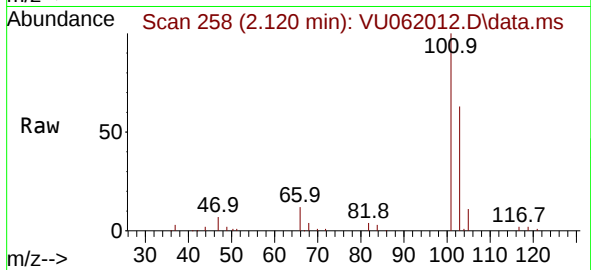




#9
 Trichlorofluoromethane
 Concen: 4.931 ug/L
 RT: 2.120 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36

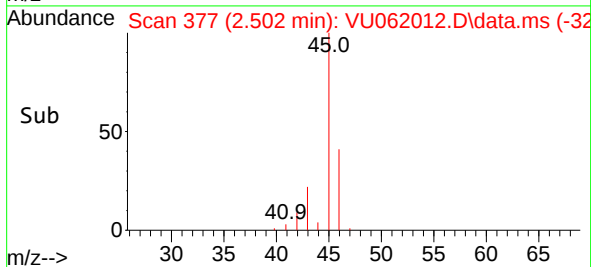
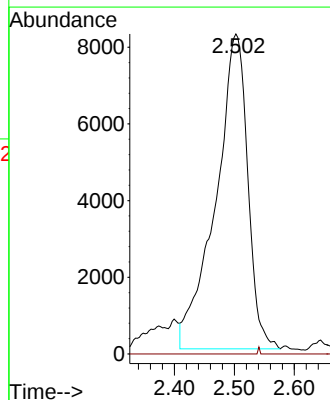
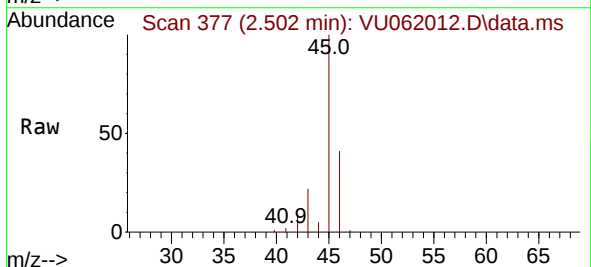
Instrument :
 MSVOA_U
 ClientSampleId :

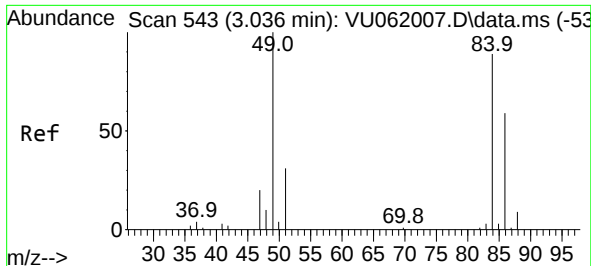
Tgt Ion:101 Resp: 69705
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 75.8



#13
 Acetone
 Concen: 23.778 ug/L
 RT: 2.502 min Scan# 377
 Delta R.T. -0.125 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36

Tgt Ion: 43 Resp: 30499
 Ion Ratio Lower Upper
 43 100
 58 0.1 0.0 64.0

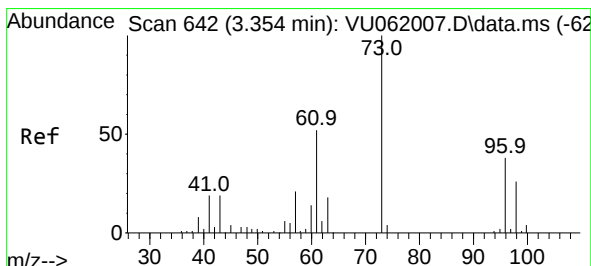
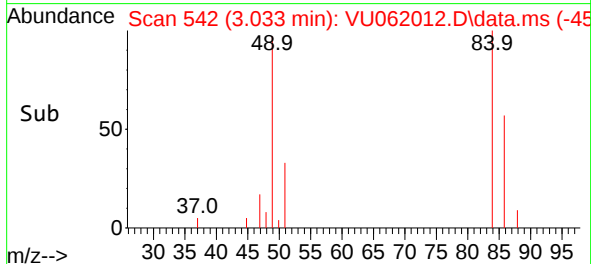
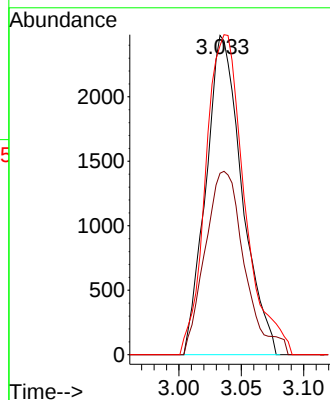
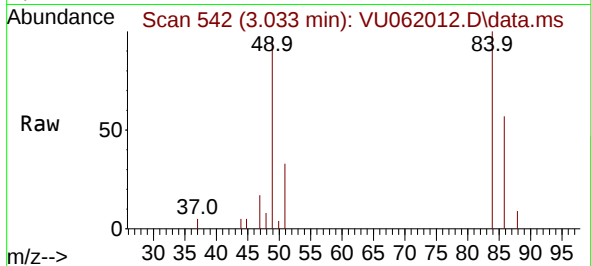




#16
Methylene chloride
Concen: 0.512 ug/L
RT: 3.033 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

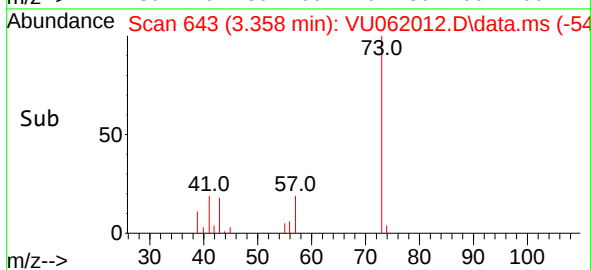
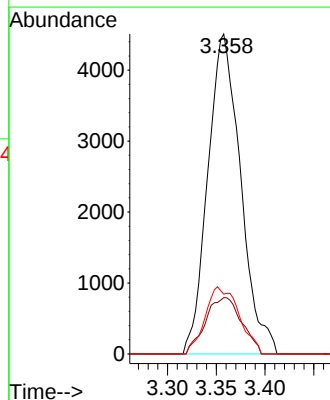
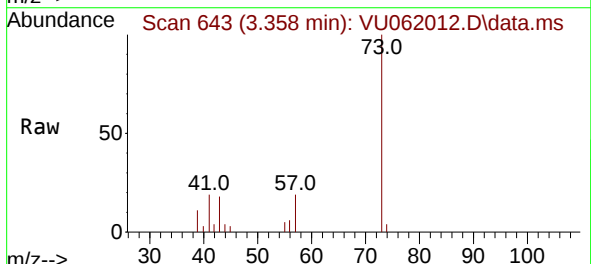
Instrument :
MSVOA_U
ClientSampleId :

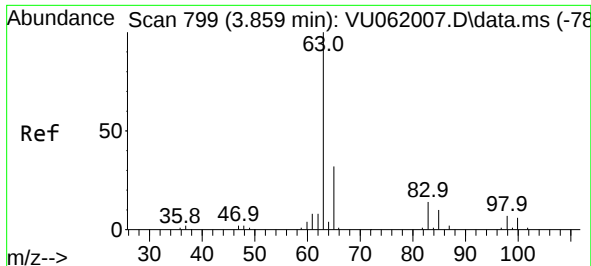
Tgt Ion: 84 Resp: 4968
Ion Ratio Lower Upper
84 100
86 56.9 43.5 80.7
49 96.8 81.9 152.1



#17
Methyl tert-butyl Ether
Concen: 0.509 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

Tgt Ion: 73 Resp: 10553
Ion Ratio Lower Upper
73 100
43 19.5 16.3 24.5
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.544 ug/L

RT: 3.856 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU062012.D

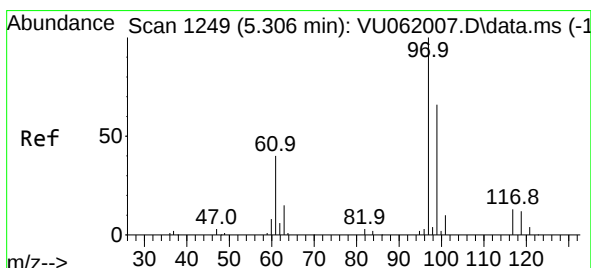
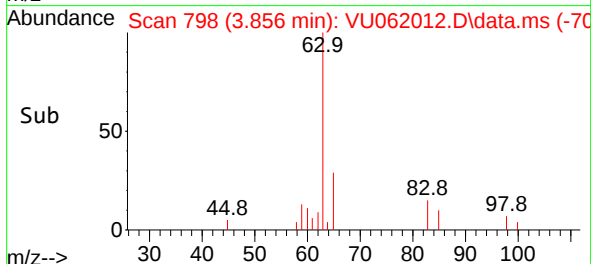
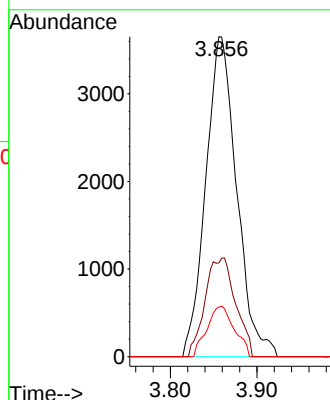
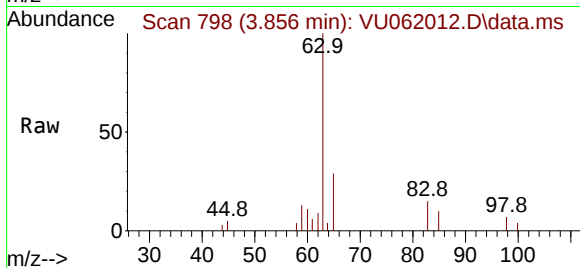
Acq: 23 Nov 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 9057
Ion Ratio	Lower Upper
63 100	
65 28.1	22.7 42.3
83 14.9	9.9 18.3



#29

1,1,1-Trichloroethane

Concen: 0.359 ug/L

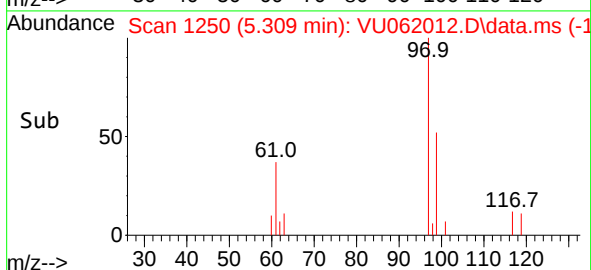
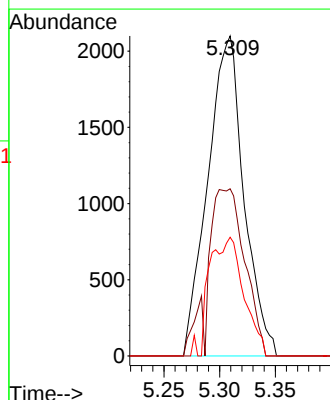
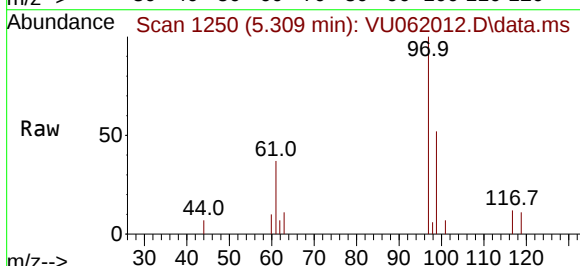
RT: 5.309 min Scan# 1250

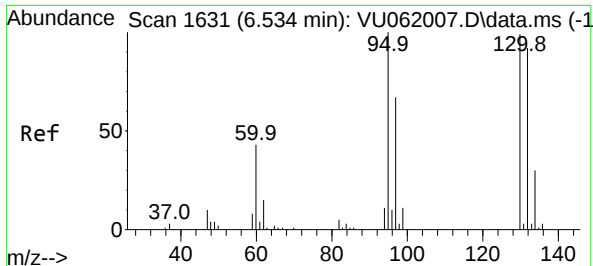
Delta R.T. 0.003 min

Lab File: VU062012.D

Acq: 23 Nov 2024 16:36

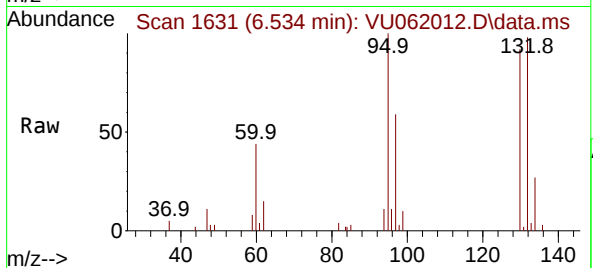
Tgt Ion: 97	Resp: 4742
Ion Ratio	Lower Upper
97 100	
99 53.2	51.4 77.2
61 35.3	37.8 56.6#



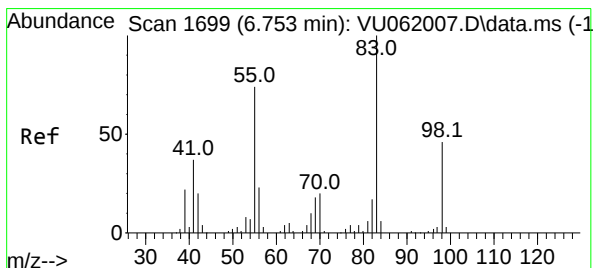
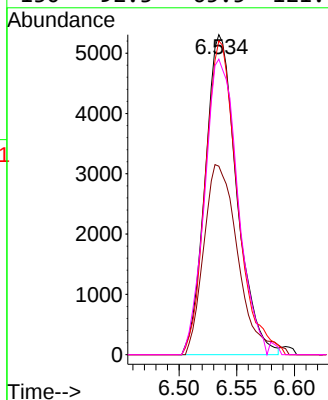
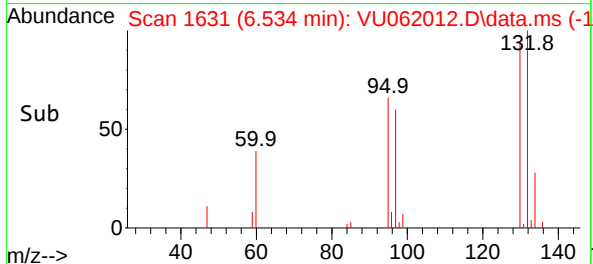


#34
Trichloroethene
Concen: 1.095 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

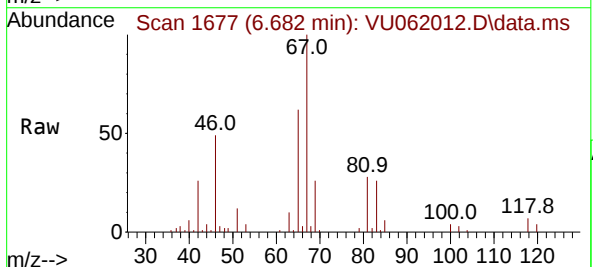
Instrument :
MSVOA_U
ClientSampleId :



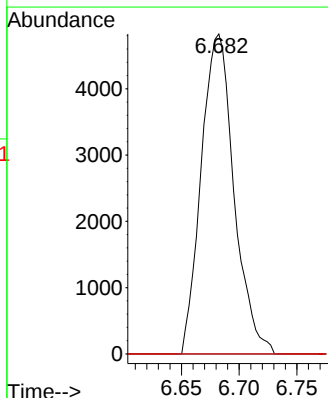
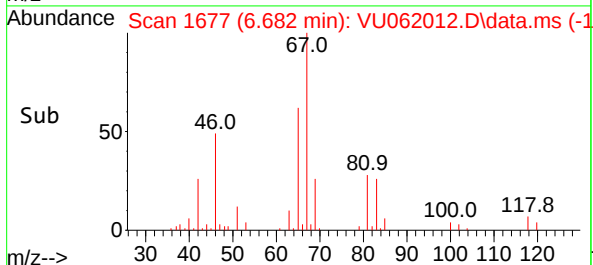
Tgt Ion:	95	Resp:	10107
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.9	85.3
132	98.1	63.8	118.4
130	92.3	65.5	121.7

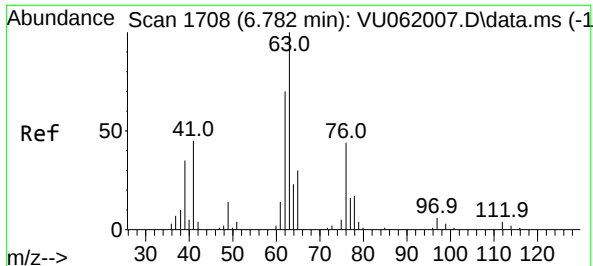


#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36



Tgt Ion:	83	Resp:	9557
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	8.6	34.8	52.2#

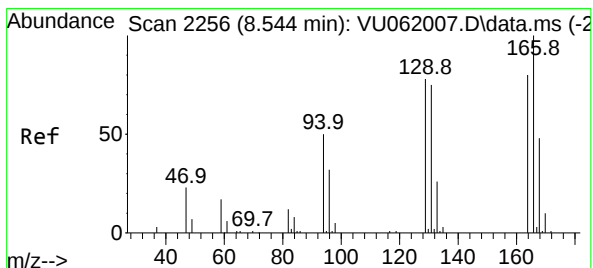
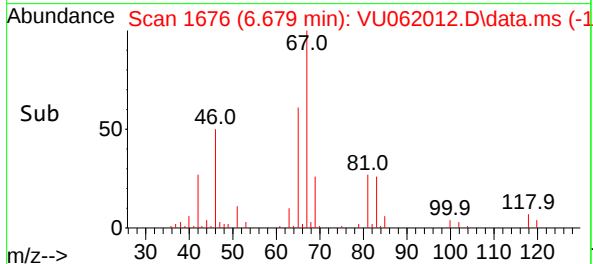
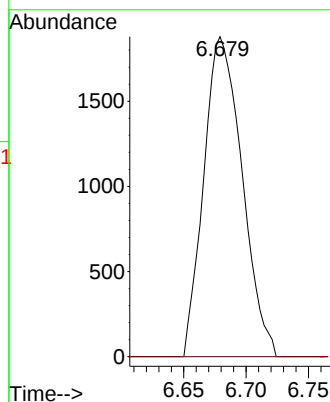
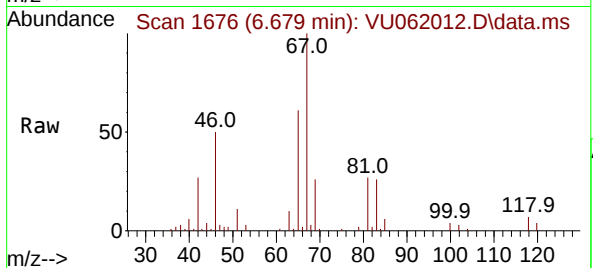




#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

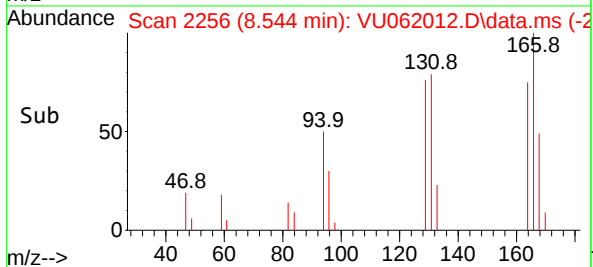
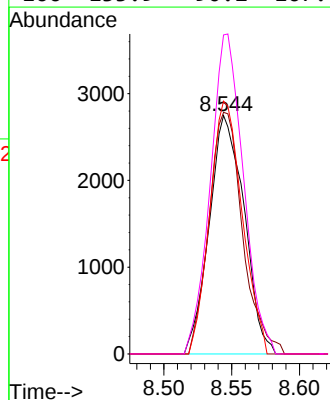
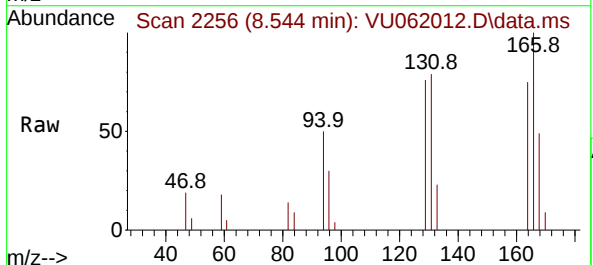
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MSVOA_U
ClientSampleId :

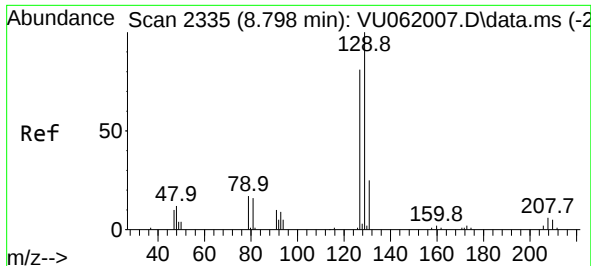
Tgt Ion: 63 Resp: 4017
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.731 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

Tgt Ion:164 Resp: 4910
Ion Ratio Lower Upper
164 100
129 101.4 73.2 136.0
131 106.0 72.3 134.3
166 133.9 90.2 167.4





#49

Dibromochloromethane

Concen: 0.687 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062012.D

Acq: 23 Nov 2024 16:36

Instrument :

MSVOA_U

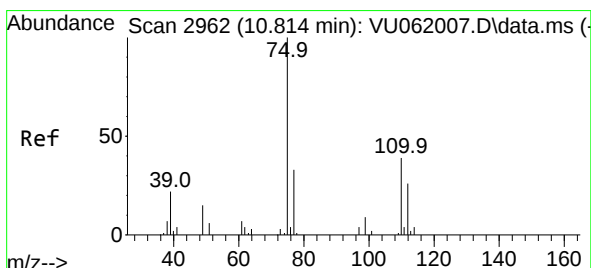
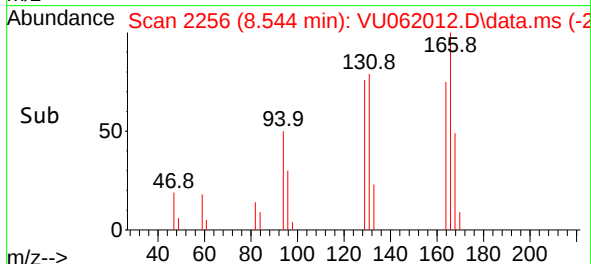
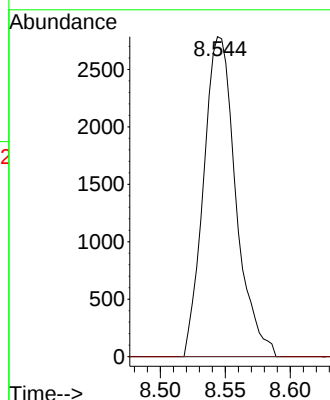
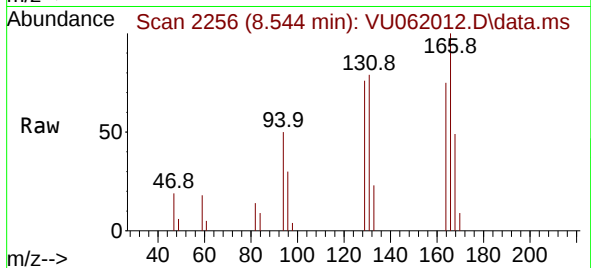
ClientSampleId :

Tgt Ion:129 Resp: 4807

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.928 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062012.D

Acq: 23 Nov 2024 16:36

Tgt Ion: 75 Resp: 5724

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 34.4 26.5 39.7

