

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061923.D
 Acq On : 21 Nov 2024 17:26
 Operator : MD/SY
 Sample : P4903-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:10:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

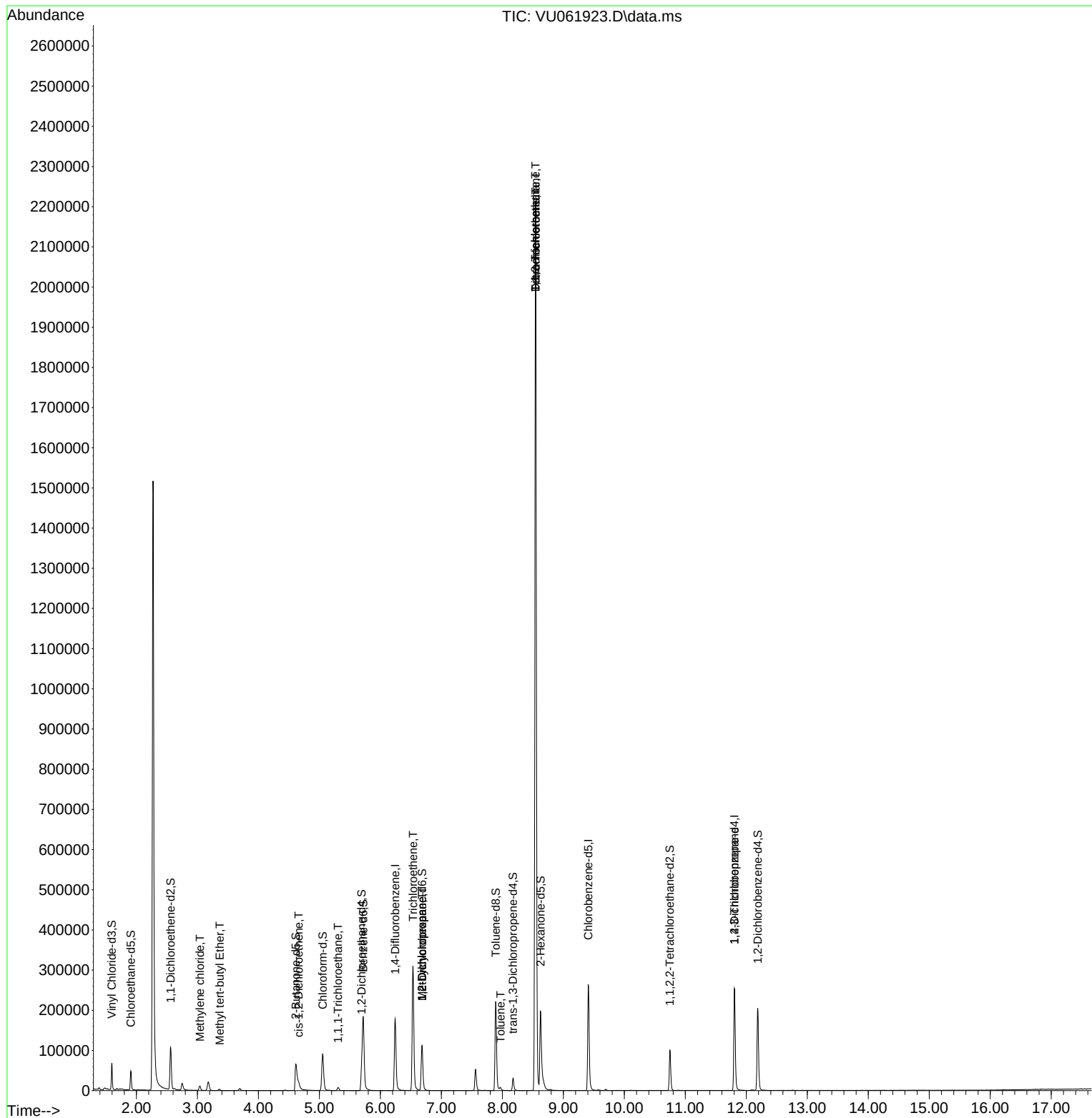
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149269	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149696	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44823	6.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 122.400%	
7) Chloroethane-d5	1.907	69	34560	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 106.800%	
11) 1,1-Dichloroethene-d2	2.560	65	20227	6.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 138.200%#	
20) 2-Butanone-d5	4.612	46	94471	41.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 82.180%	
24) Chloroform-d	5.052	84	88349	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.000%	
26) 1,2-Dichloroethane-d4	5.692	65	45005	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 98.000%	
32) Benzene-d6	5.718	84	177527	6.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 121.800%	
36) 1,2-Dichloropropane-d6	6.682	67	58013	5.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 117.000%	
41) Toluene-d8	7.891	98	154942	6.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 127.400%	
43) trans-1,3-Dichloroprop...	8.174	79	19005	5.180	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 103.600%	
46) 2-Hexanone-d5	8.624	63	70132	41.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 83.760%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52285	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 105.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	56704	5.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 109.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	5704	0.475	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	3224	0.126	ug/L #	66
22) cis-1,2-Dichloroethene	4.660	96	6186	0.519	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	6171	0.358	ug/L	95
34) Trichloroethene	6.534	95	114836	9.518	ug/L	99
35) Methylcyclohexane	6.682	83	12630	0.684	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5977	0.509	ug/L #	87
42) Toluene	7.968	91	5946	0.125	ug/L	99
45) 1,1,2-Trichloroethane	8.541	97	4644	0.537	ug/L #	1
47) Tetrachloroethene	8.544	164	483493	55.097	ug/L	98
49) Dibromochloromethane	8.544	129	492799	53.913	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	8773	1.080	ug/L #	69

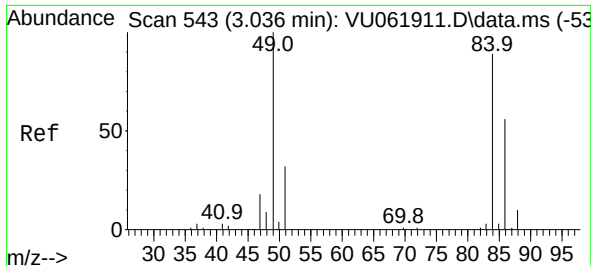
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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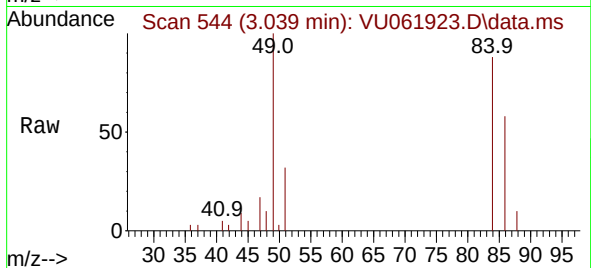
Quant Time: Nov 21 23:10:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
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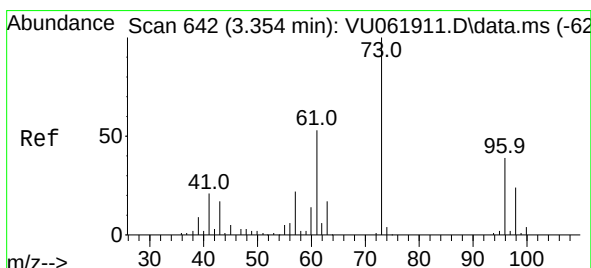
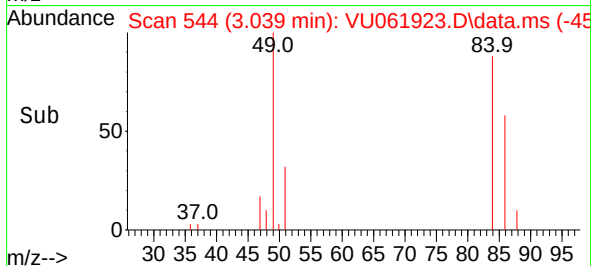
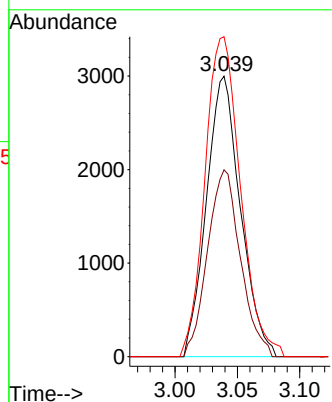
#16
Methylene chloride
Concen: 0.475 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU061923.D
Acq: 21 Nov 2024 17:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 5704

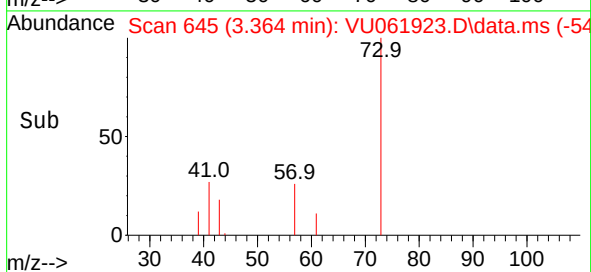
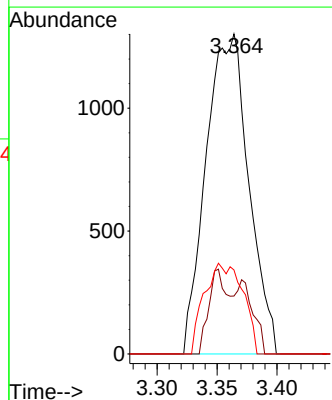
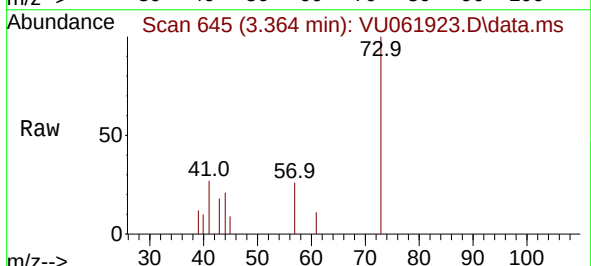
Ion	Ratio	Lower	Upper
84	100		
86	66.6	43.5	80.7
49	114.1	81.9	152.1

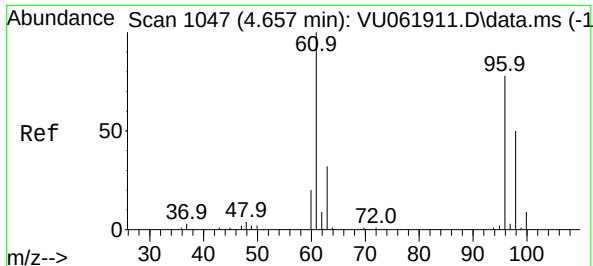


#17
Methyl tert-butyl Ether
Concen: 0.126 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.010 min
Lab File: VU061923.D
Acq: 21 Nov 2024 17:26

Tgt Ion: 73 Resp: 3224

Ion	Ratio	Lower	Upper
73	100		
43	10.2	16.3	24.5#
57	0.0	17.1	25.7#





#22

cis-1,2-Dichloroethene

Concen: 0.519 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061923.D

Acq: 21 Nov 2024 17:26

Instrument :

MSVOA_U

ClientSampleId :

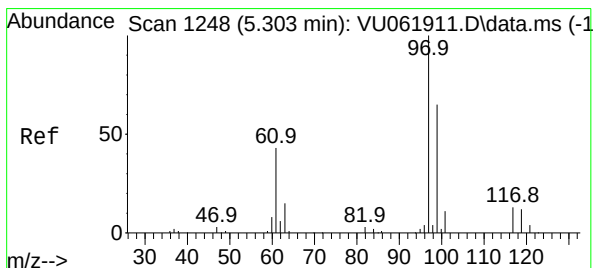
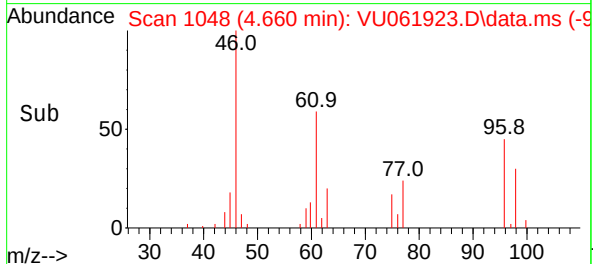
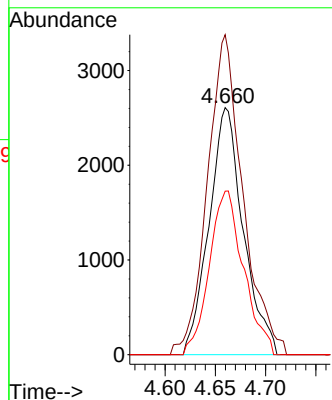
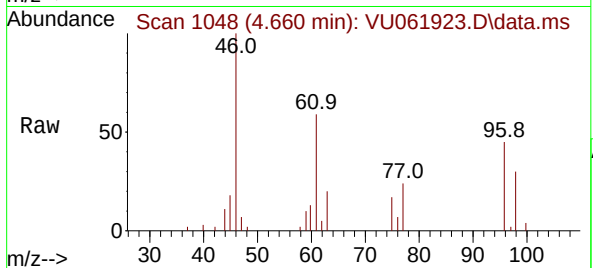
Tgt Ion: 96 Resp: 6186

Ion Ratio Lower Upper

96 100

61 129.6 92.0 170.8

98 66.2 44.5 82.7



#29

1,1,1-Trichloroethane

Concen: 0.358 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU061923.D

Acq: 21 Nov 2024 17:26

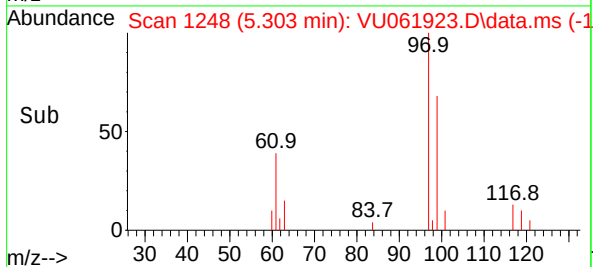
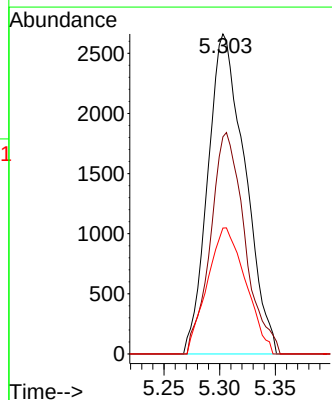
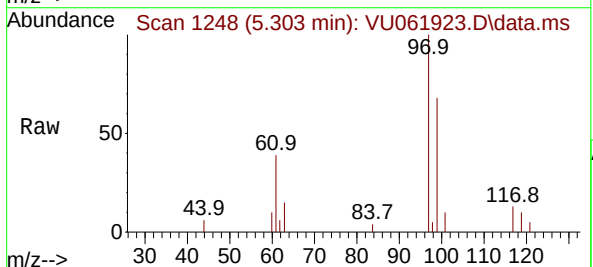
Tgt Ion: 97 Resp: 6171

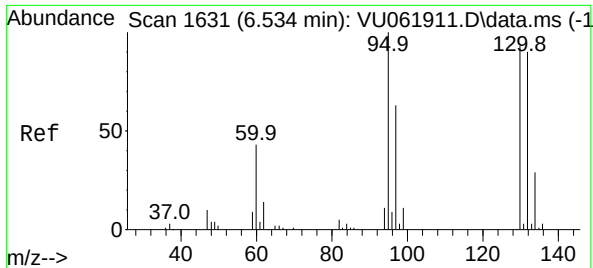
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 40.6 37.8 56.6

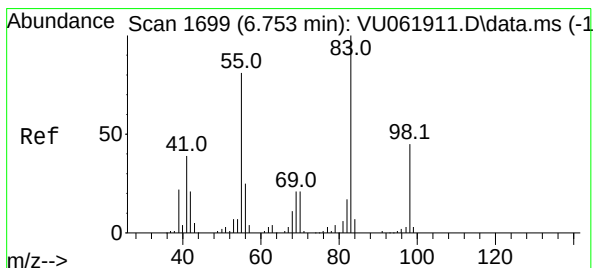
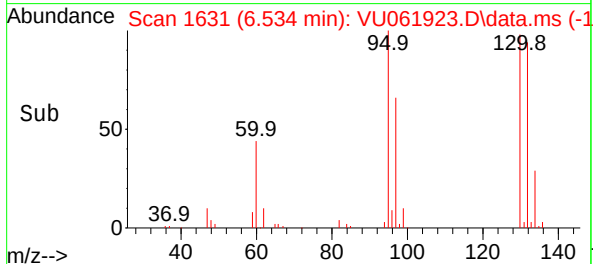
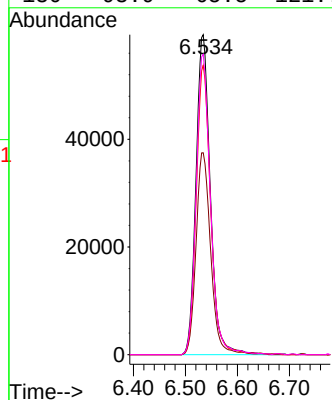
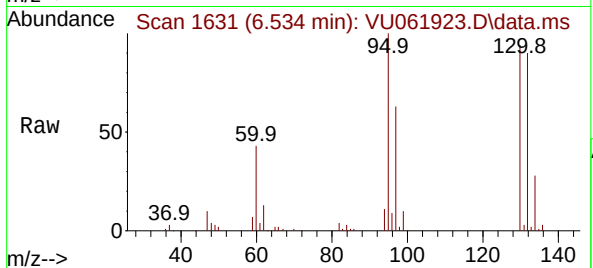




#34
Trichloroethene
Concen: 9.518 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061923.D
Acq: 21 Nov 2024 17:26

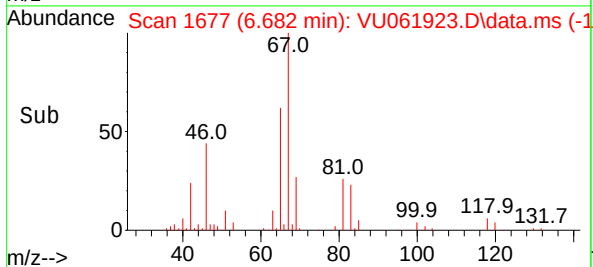
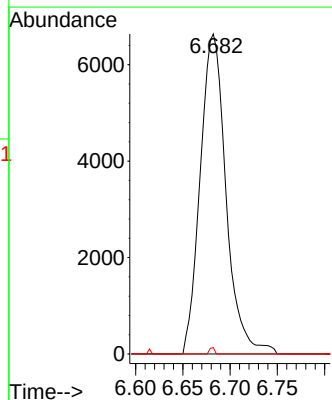
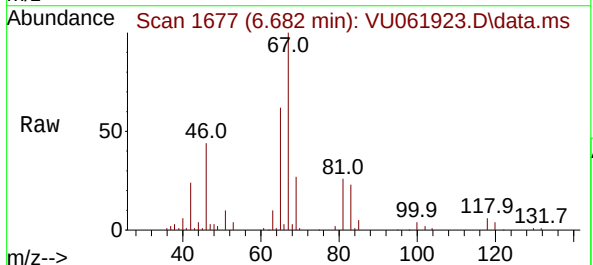
Instrument :
MSVOA_U
ClientSampleId :

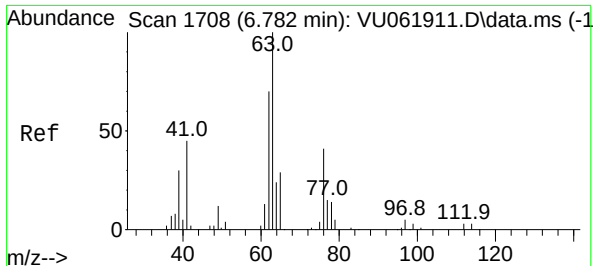
Tgt Ion: 95 Resp: 114836
Ion Ratio Lower Upper
95 100
97 63.1 45.9 85.3
132 90.5 63.8 118.4
130 93.9 65.5 121.7



#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061923.D
Acq: 21 Nov 2024 17:26

Tgt Ion: 83 Resp: 12630
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.3 34.8 52.2#

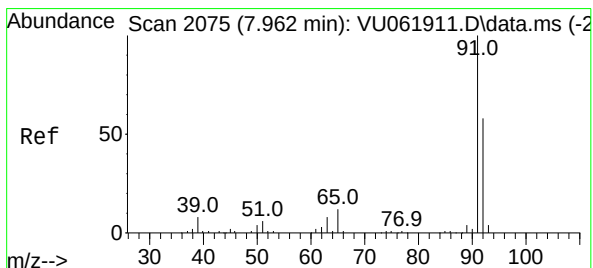
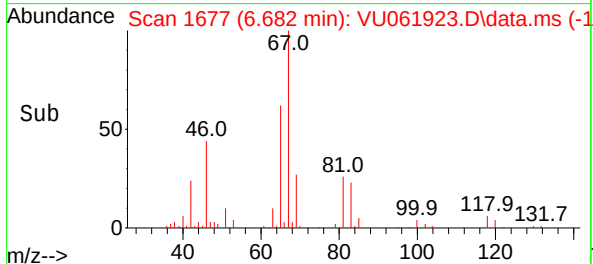
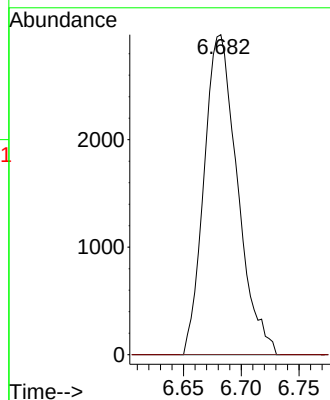
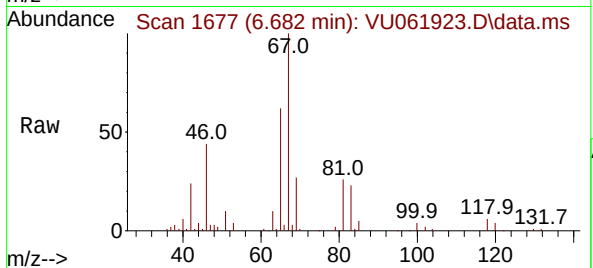




#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061923.D
Acq: 21 Nov 2024 17:26

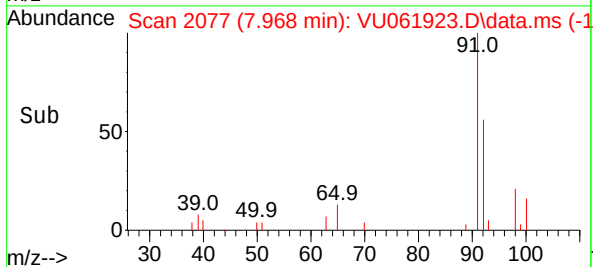
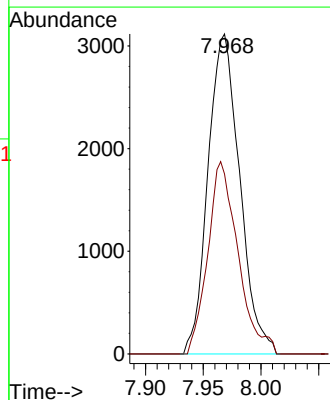
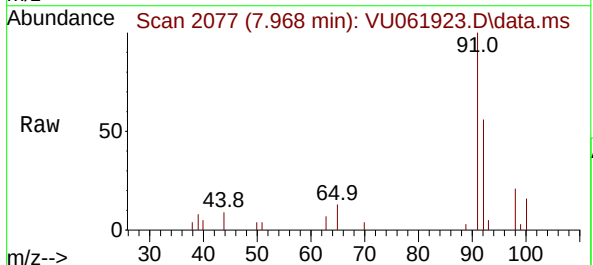
Instrument :
MSVOA_U
ClientSampleId :

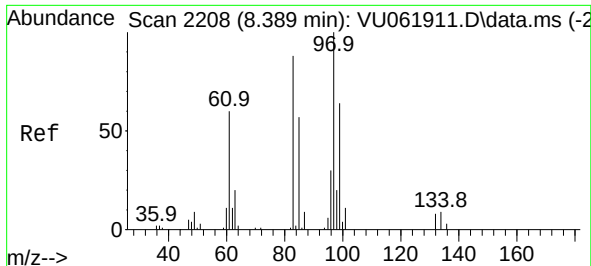
Tgt Ion: 63 Resp: 5977
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.125 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU061923.D
Acq: 21 Nov 2024 17:26

Tgt Ion: 91 Resp: 5946
Ion Ratio Lower Upper
91 100
92 56.2 39.0 72.4





#45

1,1,2-Trichloroethane

Concen: 0.537 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. 0.151 min

Lab File: VU061923.D

Acq: 21 Nov 2024 17:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 4644

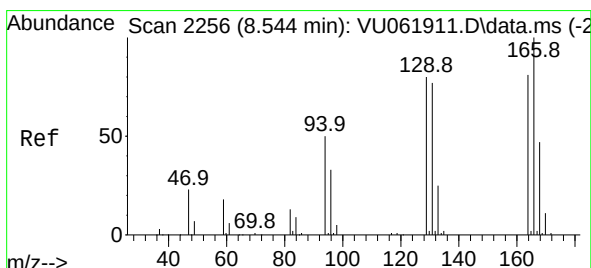
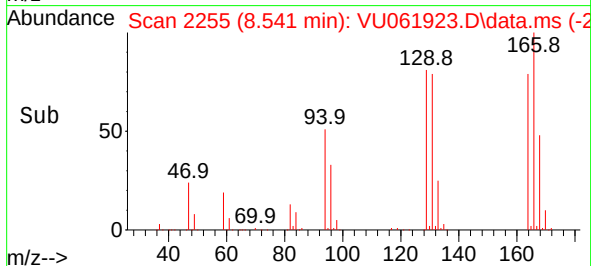
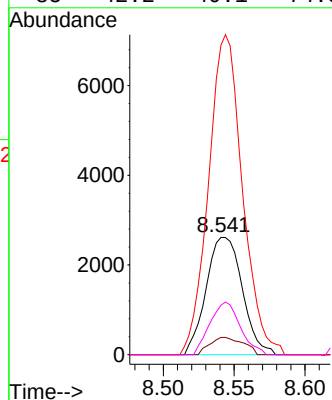
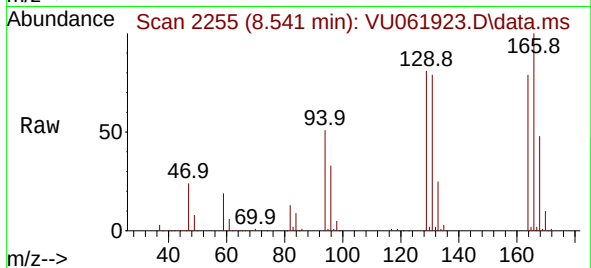
Ion Ratio Lower Upper

97 100

99 14.7 43.0 79.8#

83 264.0 61.7 114.5#

85 42.2 40.1 74.5



#47

Tetrachloroethene

Concen: 55.097 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061923.D

Acq: 21 Nov 2024 17:26

Tgt Ion:164 Resp: 483493

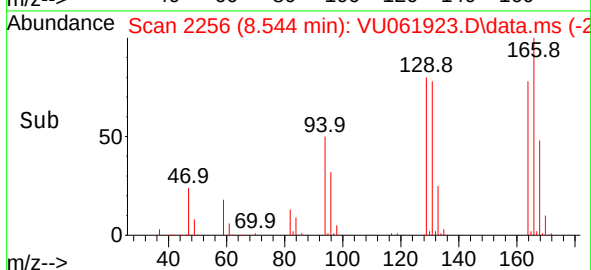
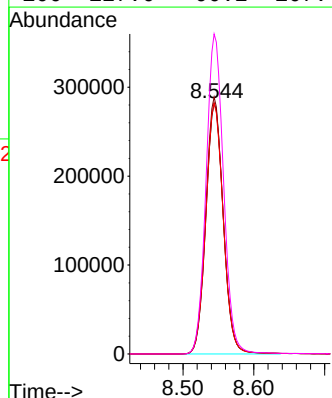
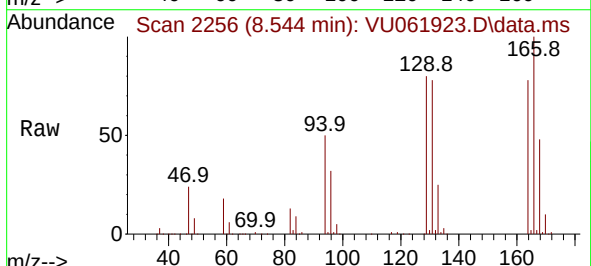
Ion Ratio Lower Upper

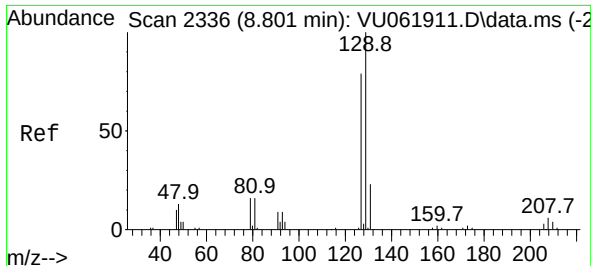
164 100

129 102.4 73.2 136.0

131 99.9 72.3 134.3

166 127.6 90.2 167.4





#49

Dibromochloromethane

Concen: 53.913 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061923.D

Acq: 21 Nov 2024 17:26

Instrument :

MSVOA_U

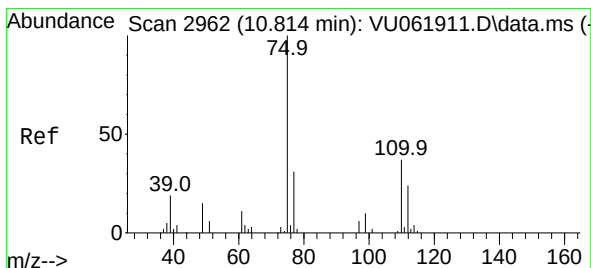
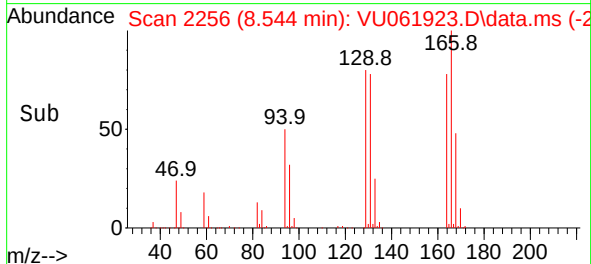
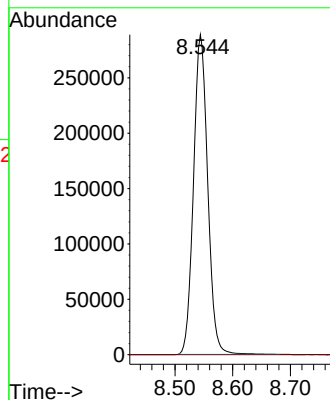
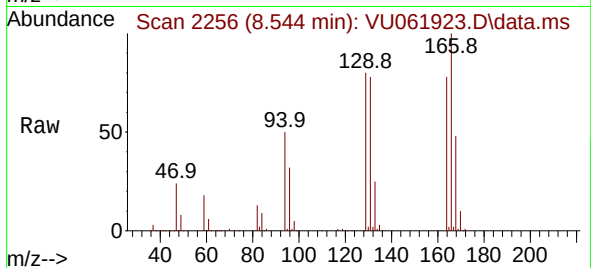
ClientSampleId :

Tgt Ion:129 Resp: 492799

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061923.D

Acq: 21 Nov 2024 17:26

Tgt Ion: 75 Resp: 8773

Ion Ratio Lower Upper

75 100

110 1.2 28.9 43.3#

77 33.3 26.5 39.7

