

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061931.D
 Acq On : 21 Nov 2024 20:44
 Operator : MD/SY
 Sample : P4903-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:13:05 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)

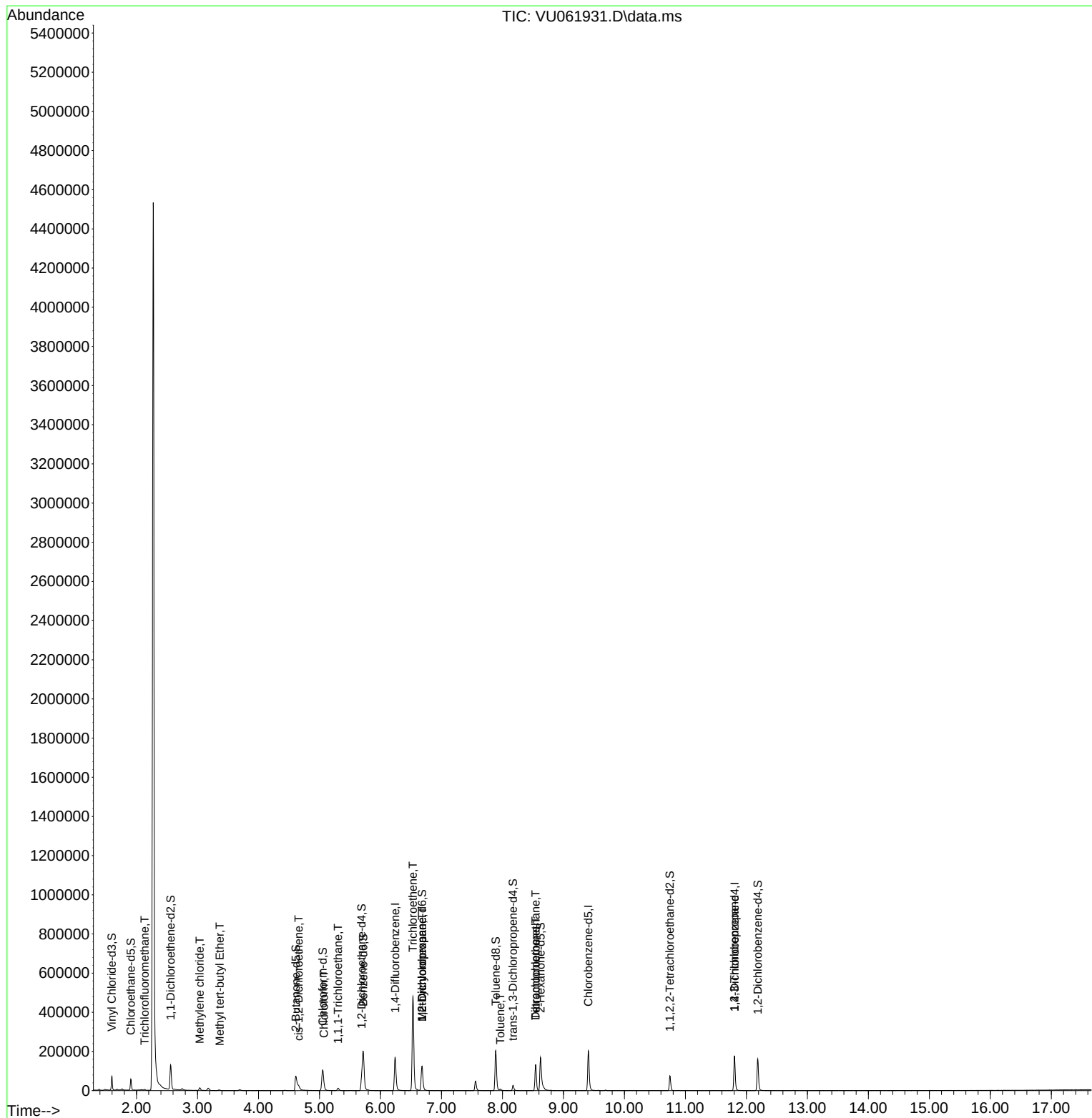
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	119213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49158	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48396	6.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 139.600%#	
7) Chloroethane-d5	1.907	69	39882	6.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 130.000%	
11) 1,1-Dichloroethene-d2	2.560	65	23466	8.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 169.400%#	
20) 2-Butanone-d5	4.611	46	109473	50.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 100.520%	
24) Chloroform-d	5.052	84	99601	5.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 117.800%	
26) 1,2-Dichloroethane-d4	5.692	65	51946	5.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 119.200%	
32) Benzene-d6	5.717	84	193219	8.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 166.400%#	
36) 1,2-Dichloropropane-d6	6.682	67	62033	7.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 157.200%#	
41) Toluene-d8	7.891	98	145336	7.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 150.000%#	
43) trans-1,3-Dichloroprop...	8.174	79	17798	6.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 121.800%	
46) 2-Hexanone-d5	8.624	63	61459	46.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 92.180%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39162	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	45464	6.255	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 125.000%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	2254	0.136	ug/L	98
16) Methylene chloride	3.036	84	6168	0.542	ug/L	98
17) Methyl tert-butyl Ether	3.364	73	3274	0.135	ug/L #	90
22) cis-1,2-Dichloroethene	4.660	96	7821	0.693	ug/L	92
25) Chloroform	5.074	83	6687	0.328	ug/L	91
29) 1,1,1-Trichloroethane	5.306	97	8837	0.643	ug/L	96
34) Trichloroethene	6.531	95	170466	17.741	ug/L	99
35) Methylcyclohexane	6.682	83	14317	0.974	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	7243	0.774	ug/L #	87
42) Toluene	7.965	91	6431	0.170	ug/L	89
47) Tetrachloroethene	8.544	164	30085	4.305	ug/L	98
49) Dibromochloromethane	8.544	129	30328	4.166	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5672	0.998	ug/L #	67

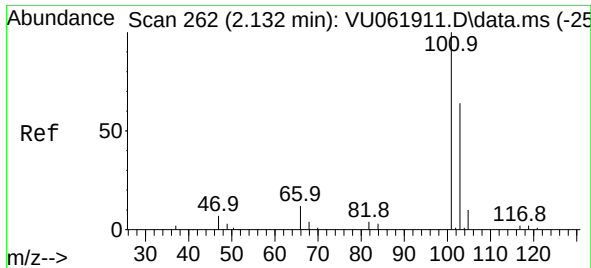
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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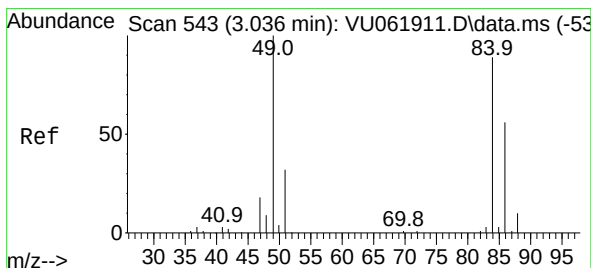
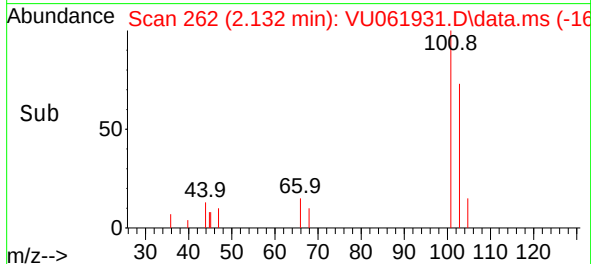
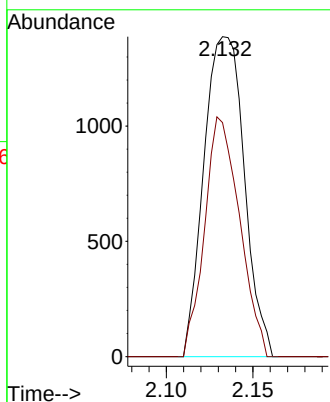
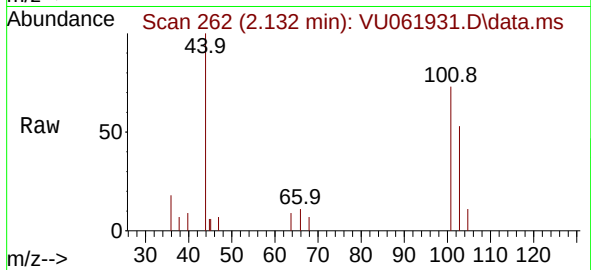




#9
 Trichlorofluoromethane
 Concen: 0.136 ug/L
 RT: 2.132 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU061931.D
 Acq: 21 Nov 2024 20:44

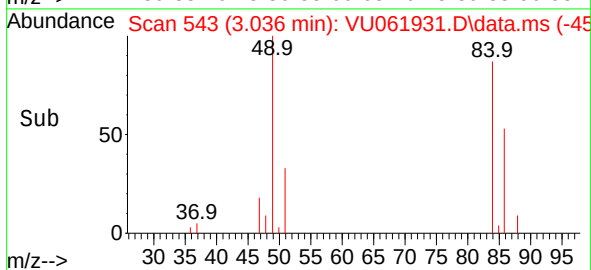
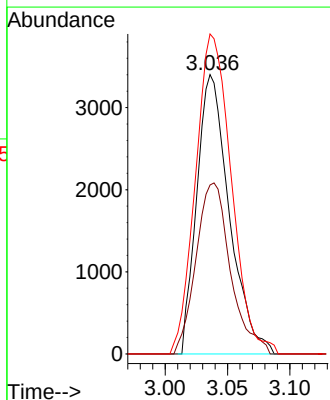
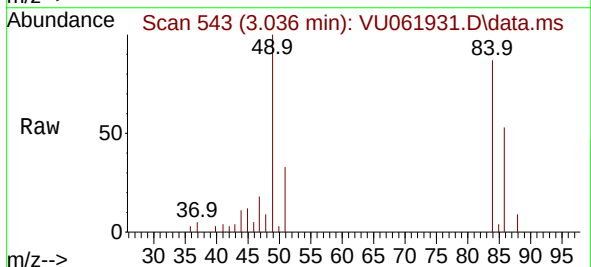
Instrument :
 MSVOA_U
 ClientSampleId :

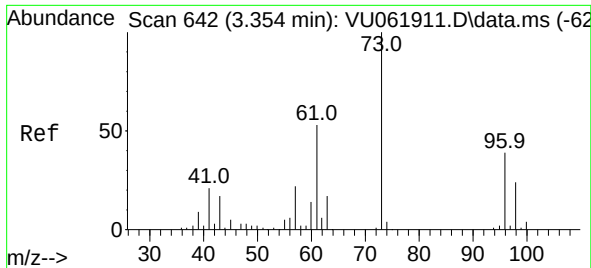
Tgt Ion:101 Resp: 2254
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 75.8



#16
 Methylene chloride
 Concen: 0.542 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: VU061931.D
 Acq: 21 Nov 2024 20:44

Tgt Ion: 84 Resp: 6168
 Ion Ratio Lower Upper
 84 100
 86 60.4 43.5 80.7
 49 114.5 81.9 152.1

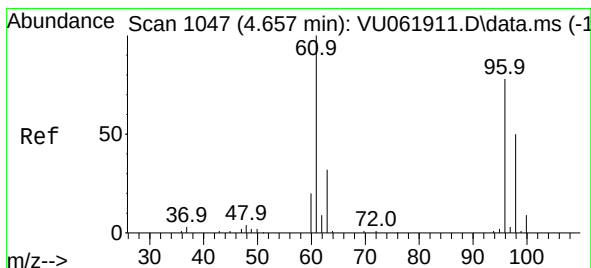
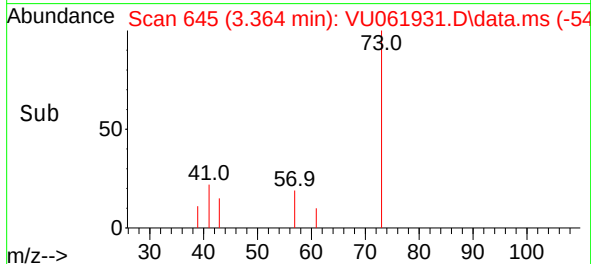
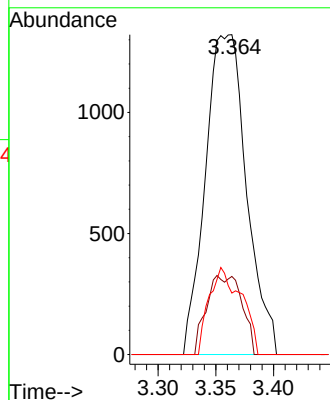
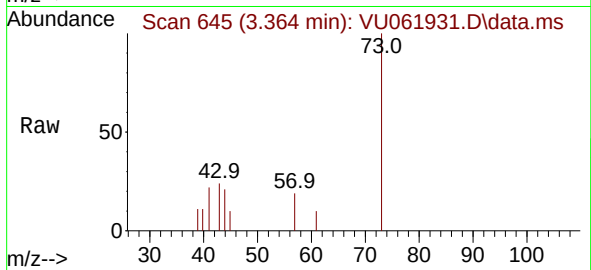




#17
Methyl tert-butyl Ether
Concen: 0.135 ug/L
RT: 3.364 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU061931.D
Acq: 21 Nov 2024 20:44

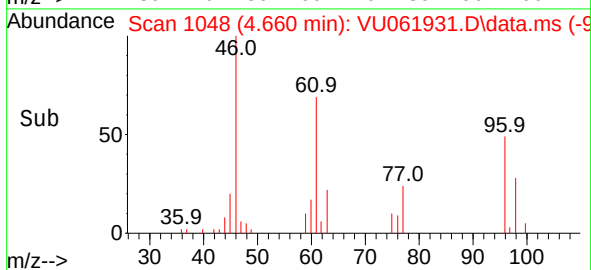
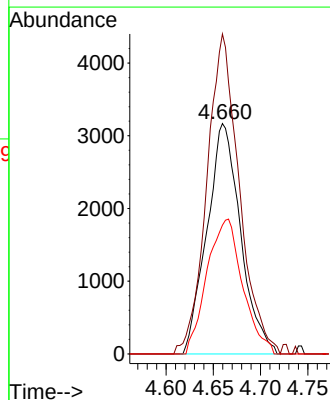
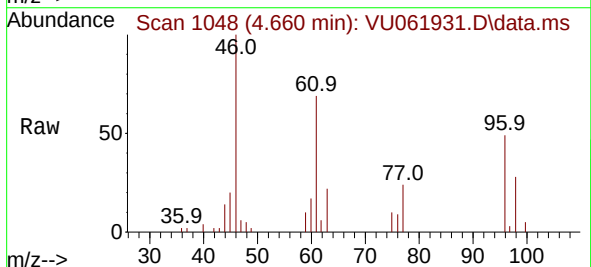
Instrument :
MSVOA_U
ClientSampleId :

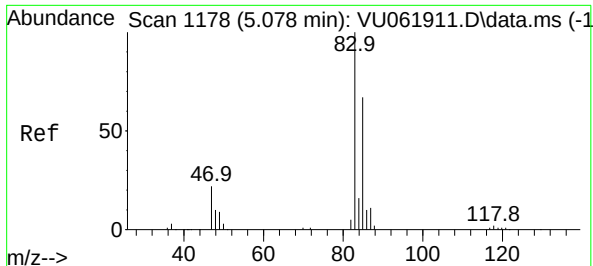
Tgt Ion: 73 Resp: 3274
Ion Ratio Lower Upper
73 100
43 11.4 16.3 24.5#
57 21.3 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 0.693 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061931.D
Acq: 21 Nov 2024 20:44

Tgt Ion: 96 Resp: 7821
Ion Ratio Lower Upper
96 100
61 138.9 92.0 170.8
98 55.9 44.5 82.7





#25

Chloroform

Concen: 0.328 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU061931.D

Acq: 21 Nov 2024 20:44

Instrument :

MSVOA_U

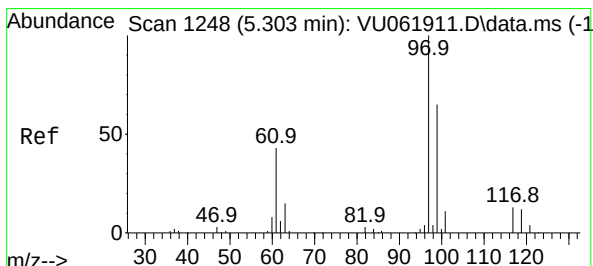
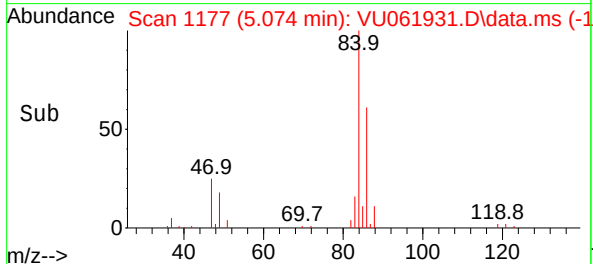
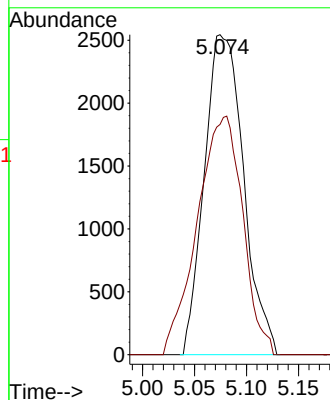
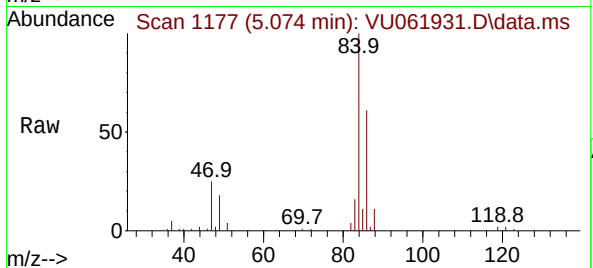
ClientSampleId :

Tgt Ion: 83 Resp: 6687

Ion Ratio Lower Upper

83 100

85 71.9 45.4 84.2



#29

1,1,1-Trichloroethane

Concen: 0.643 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VU061931.D

Acq: 21 Nov 2024 20:44

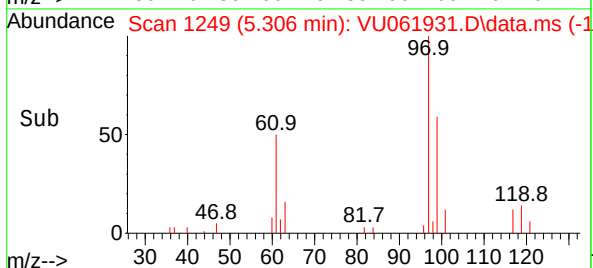
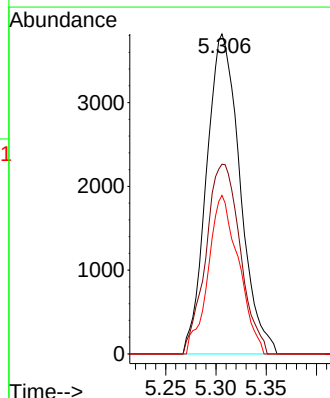
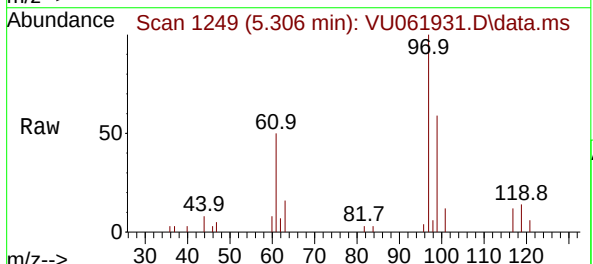
Tgt Ion: 97 Resp: 8837

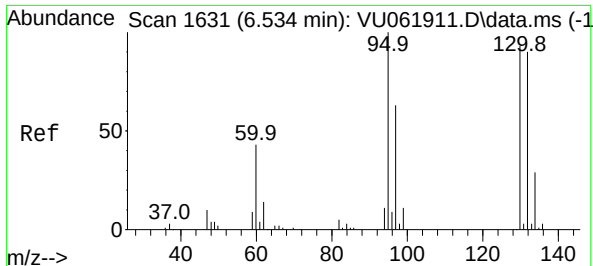
Ion Ratio Lower Upper

97 100

99 60.8 51.4 77.2

61 45.2 37.8 56.6





#34

Trichloroethene

Concen: 17.741 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061931.D

Acq: 21 Nov 2024 20:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 170466

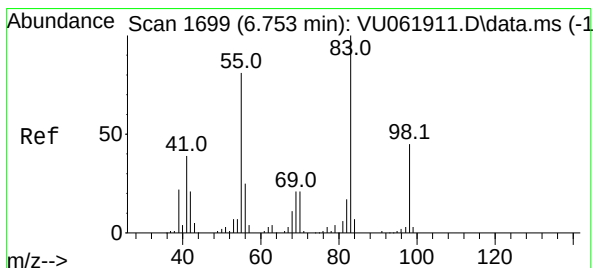
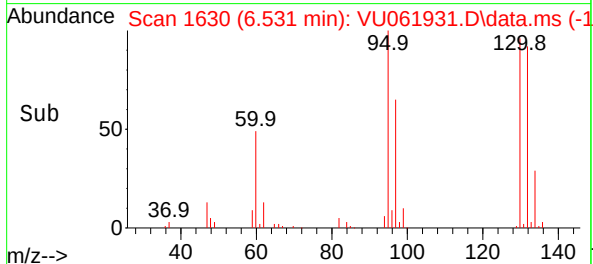
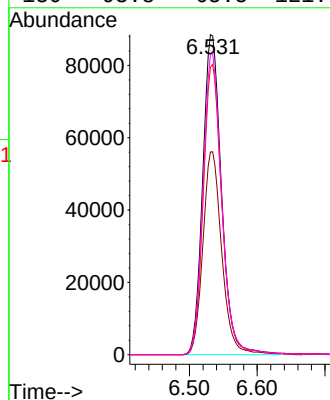
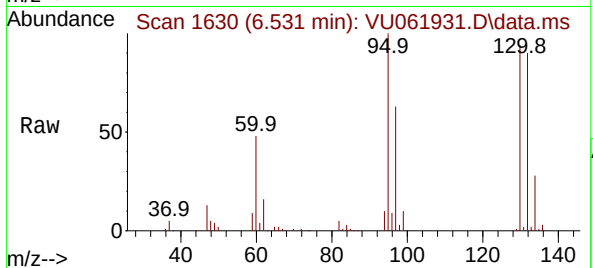
Ion Ratio Lower Upper

95 100

97 63.3 45.9 85.3

132 89.8 63.8 118.4

130 93.8 65.5 121.7



#35

Methylcyclohexane

Concen: 0.974 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061931.D

Acq: 21 Nov 2024 20:44

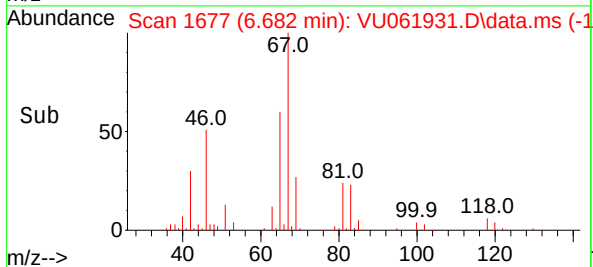
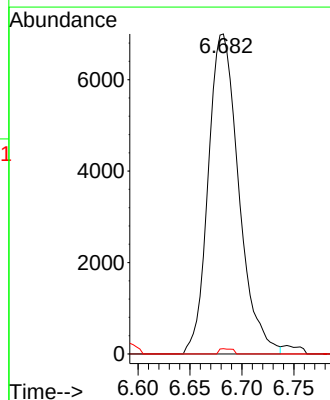
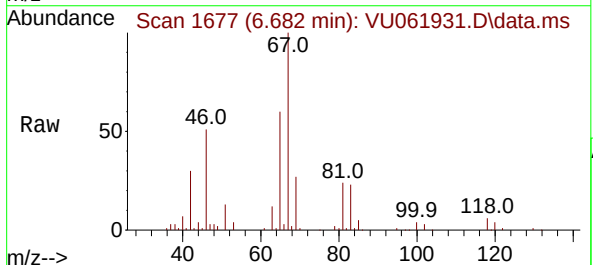
Tgt Ion: 83 Resp: 14317

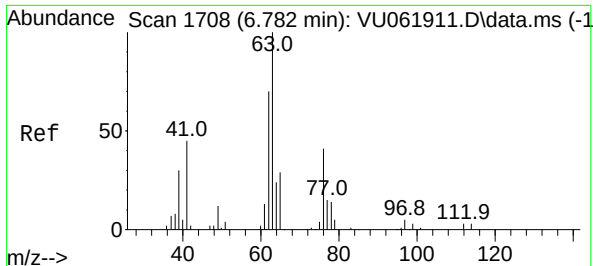
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.6 34.8 52.2#

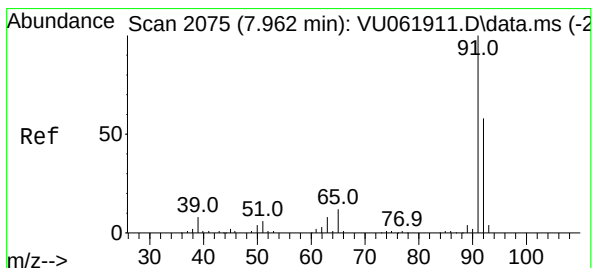
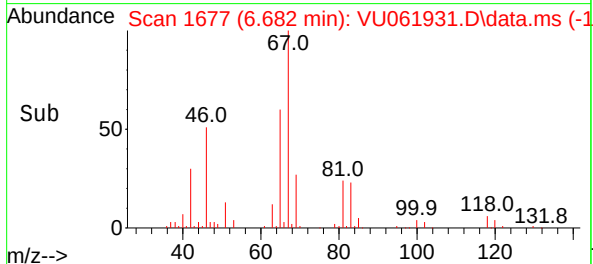
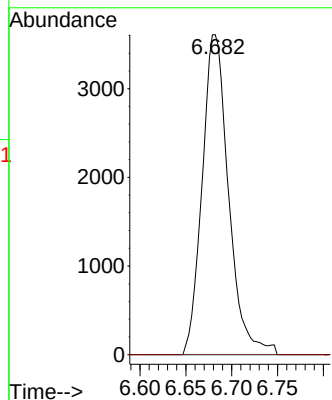
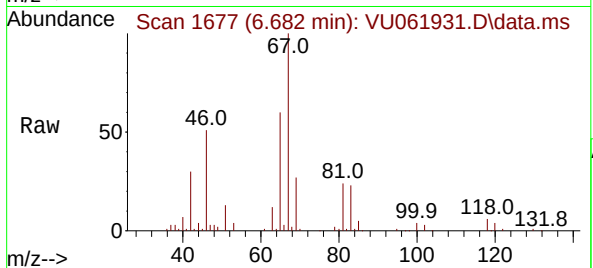




#37
1,2-Dichloropropane
Concen: 0.774 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061931.D
Acq: 21 Nov 2024 20:44

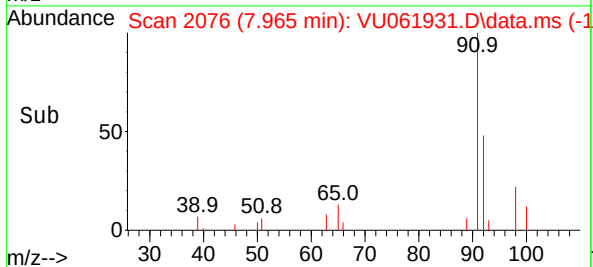
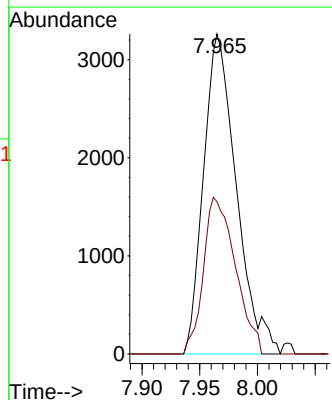
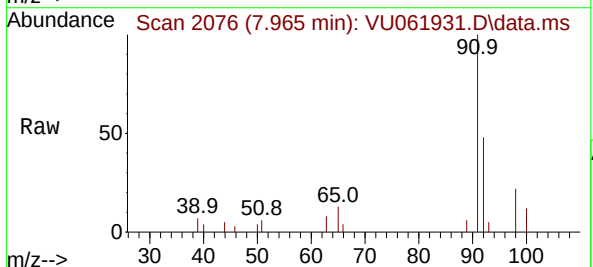
Instrument :
MSVOA_U
ClientSampleId :

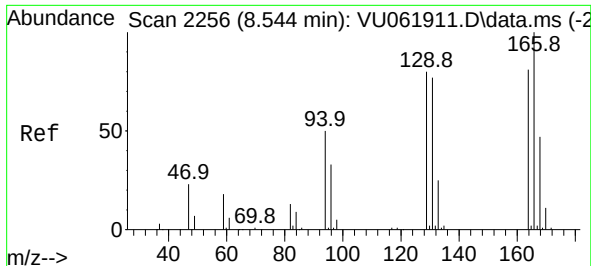
Tgt Ion: 63 Resp: 7243
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.170 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061931.D
Acq: 21 Nov 2024 20:44

Tgt Ion: 91 Resp: 6431
Ion Ratio Lower Upper
91 100
92 47.5 39.0 72.4





#47

Tetrachloroethene

Concen: 4.305 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

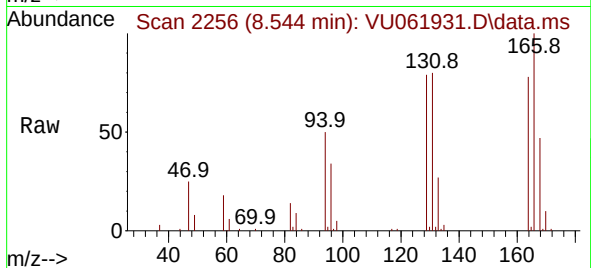
Lab File: VU061931.D

Acq: 21 Nov 2024 20:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 30085

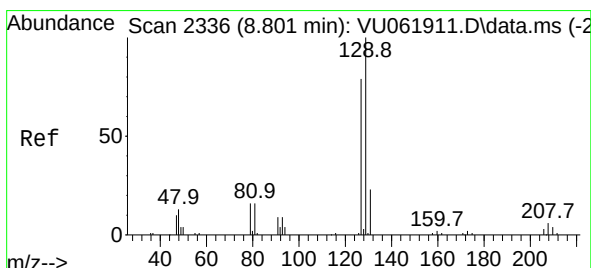
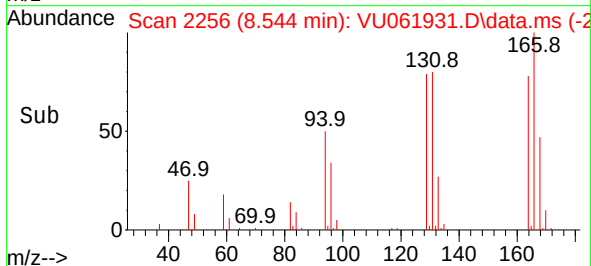
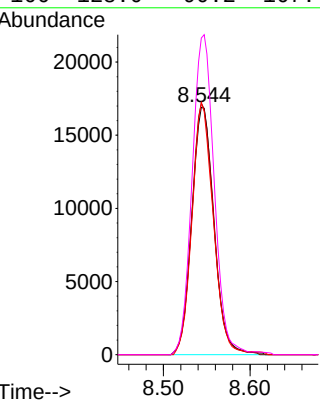
Ion Ratio Lower Upper

164 100

129 101.7 73.2 136.0

131 101.8 72.3 134.3

166 128.0 90.2 167.4



#49

Dibromochloromethane

Concen: 4.166 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061931.D

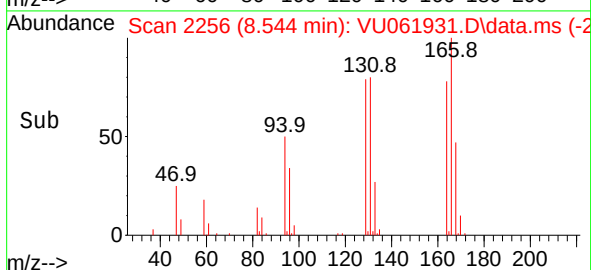
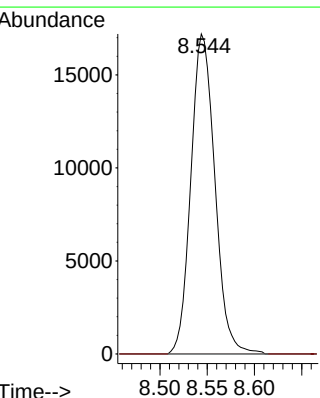
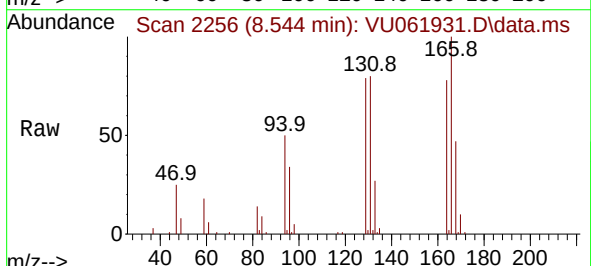
Acq: 21 Nov 2024 20:44

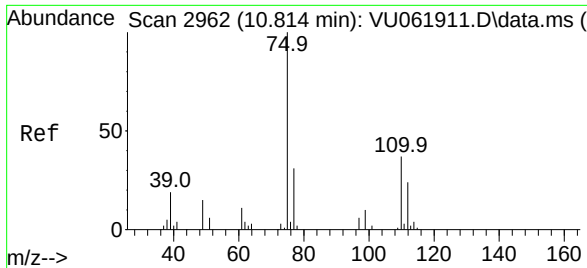
Tgt Ion:129 Resp: 30328

Ion Ratio Lower Upper

129 100

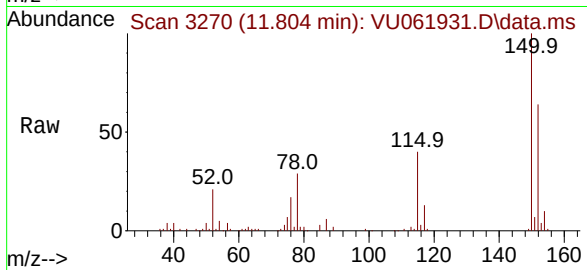
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.998 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061931.D
 Acq: 21 Nov 2024 20:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5672
 Ion Ratio Lower Upper
 75 100
 110 0.4 28.9 43.3#
 77 31.5 26.5 39.7

