

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061985.D
 Acq On : 22 Nov 2024 21:22
 Operator : MD/SY
 Sample : P4904-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

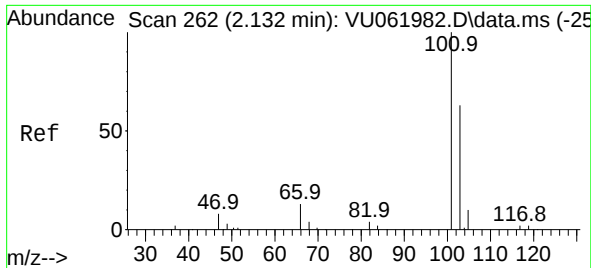
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:15:41 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	6.242	114	86524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34153	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28641	6.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 135.000%#	
7) Chloroethane-d5	1.907	69	23064	6.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 122.800%	
11) 1,1-Dichloroethene-d2	2.560	65	12668	7.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 149.400%#	
20) 2-Butanone-d5	4.621	46	70620	52.988	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 105.980%	
24) Chloroform-d	5.052	84	63218	6.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 122.200%	
26) 1,2-Dichloroethane-d4	5.692	65	33400	6.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 125.400%	
32) Benzene-d6	5.717	84	117139	7.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 152.400%#	
36) 1,2-Dichloropropane-d6	6.682	67	38334	7.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 146.600%#	
41) Toluene-d8	7.891	98	99191	7.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 154.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	12689	6.558	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 131.200%#	
46) 2-Hexanone-d5	8.627	63	48742	55.194	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.380%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29851	5.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	33989	6.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 134.600%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	80602	7.949	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	1391	0.223	ug/L	97
12) 1,1-Dichloroethene	2.573	96	1435	0.247	ug/L #	1
16) Methylene chloride	3.039	84	5083	0.730	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	11067	0.744	ug/L #	85
19) 1,1-Dichloroethane	3.862	63	9031	0.756	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	1183	0.171	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	4763	0.523	ug/L	95
34) Trichloroethene	6.534	95	10355	1.627	ug/L	95
35) Methylcyclohexane	6.682	83	9096	0.935	ug/L #	26
37) 1,2-Dichloropropane	6.679	63	4050	0.654	ug/L #	87
42) Toluene	7.968	91	2718	0.109	ug/L	96
47) Tetrachloroethene	8.544	164	4617	0.998	ug/L	95
49) Dibromochloromethane	8.547	129	4516	0.937	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3669	0.929	ug/L #	66

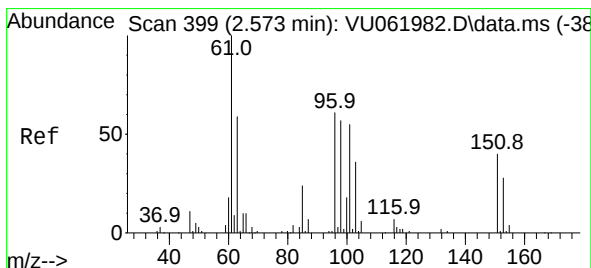
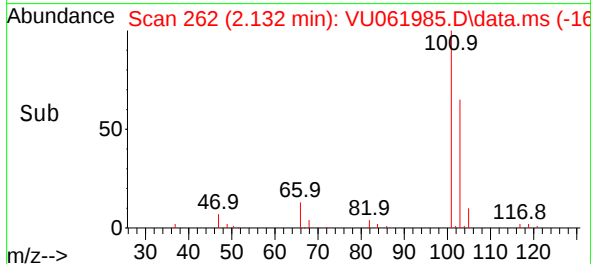
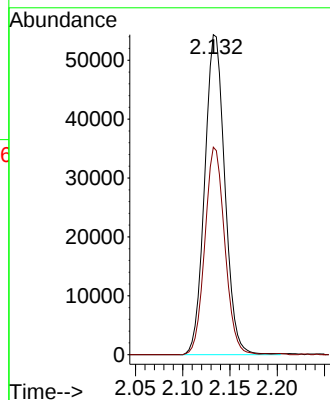
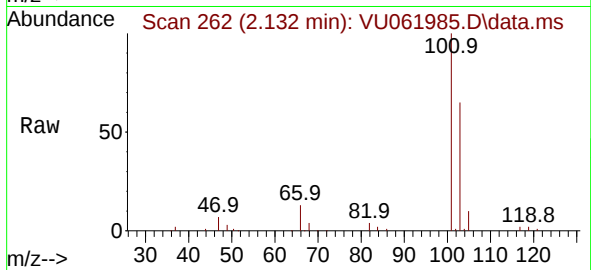
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
Trichlorofluoromethane
Concen: 7.949 ug/L
RT: 2.132 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

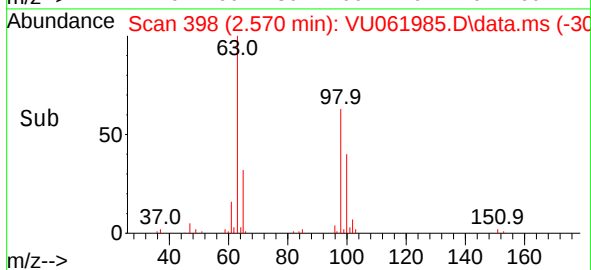
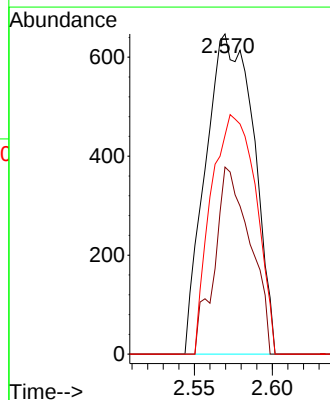
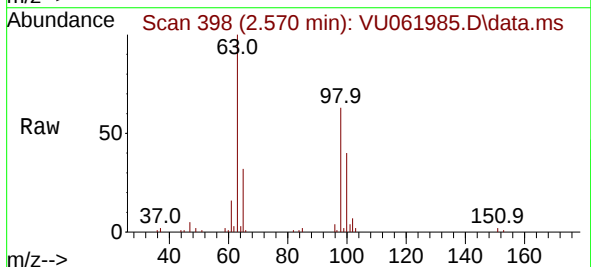
Instrument :
MSVOA_U
ClientSampleId :

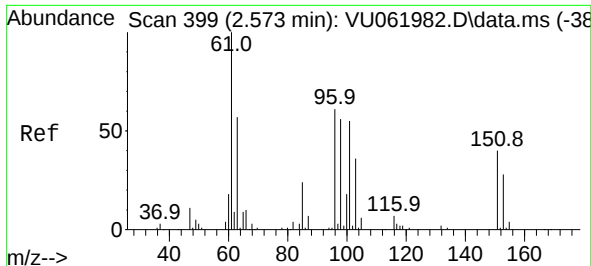
Tgt Ion:101 Resp: 80602
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.223 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Tgt Ion:101 Resp: 1391
Ion Ratio Lower Upper
101 100
85 43.3 38.0 57.0
151 69.9 55.3 82.9





#12

1,1-Dichloroethene

Concen: 0.247 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU061985.D

Acq: 22 Nov 2024 21:22

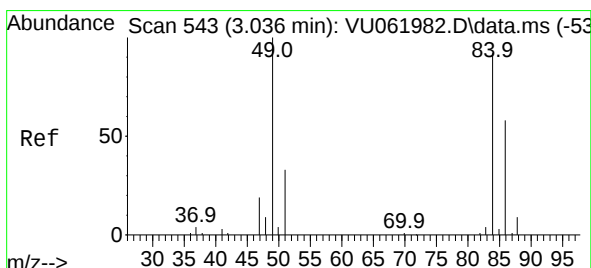
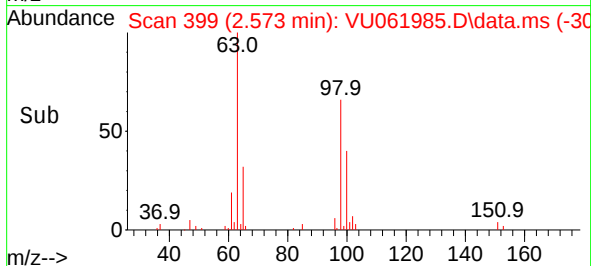
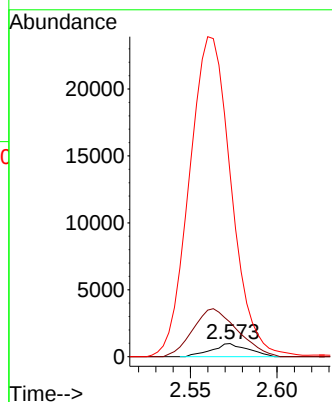
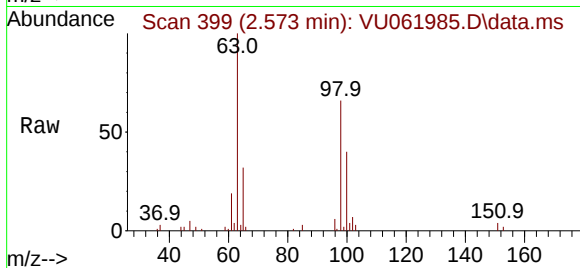
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1435

Ion	Ratio	Lower	Upper
96	100		
61	261.9	119.6	222.2#
63	1387.4	65.0	120.6#



#16

Methylene chloride

Concen: 0.730 ug/L

RT: 3.039 min Scan# 544

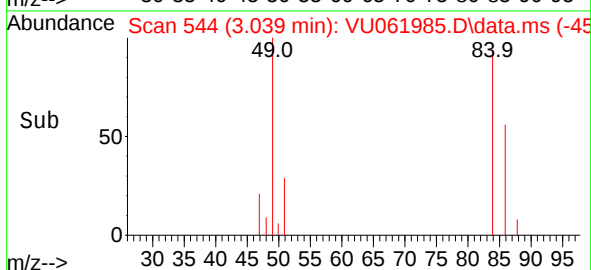
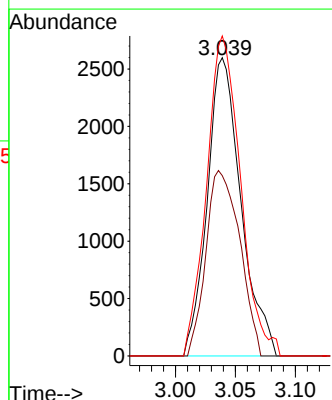
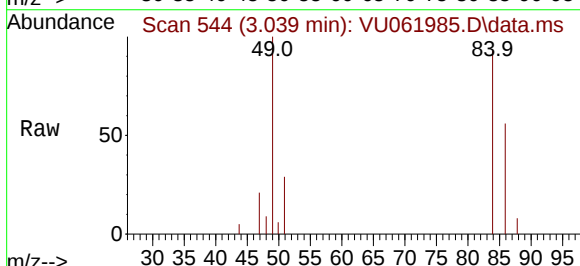
Delta R.T. 0.003 min

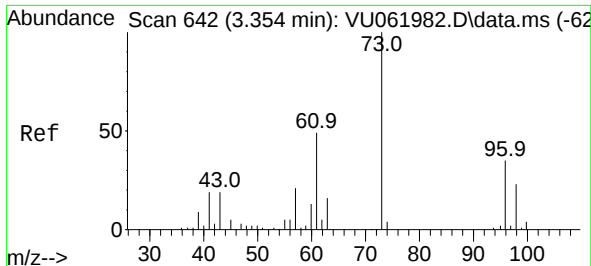
Lab File: VU061985.D

Acq: 22 Nov 2024 21:22

Tgt Ion: 84 Resp: 5083

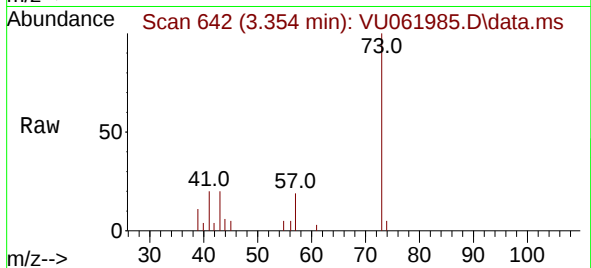
Ion	Ratio	Lower	Upper
84	100		
86	60.5	43.5	80.7
49	107.3	81.9	152.1



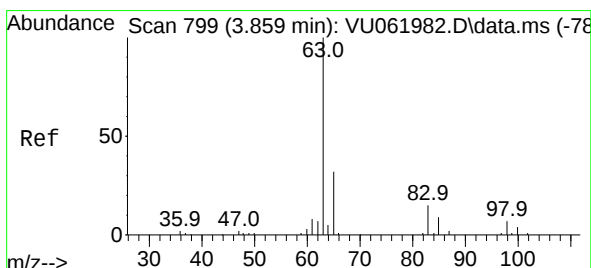
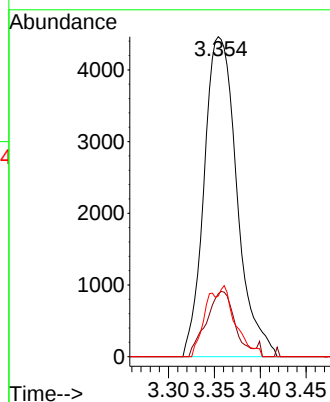
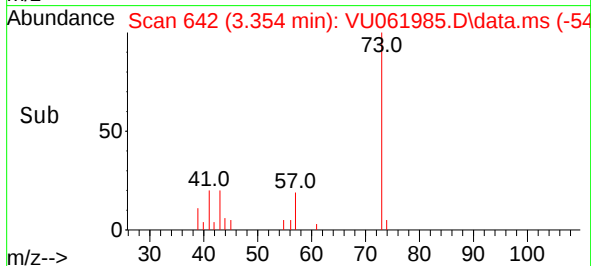


#17
Methyl tert-butyl Ether
Concen: 0.744 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :

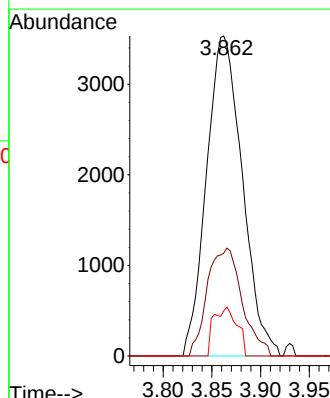
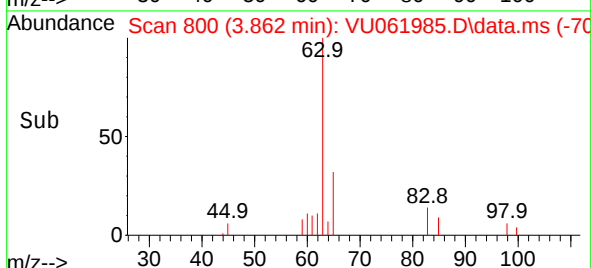
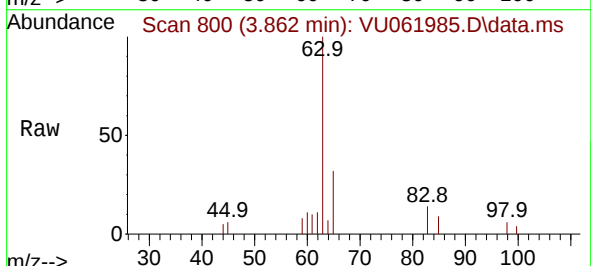


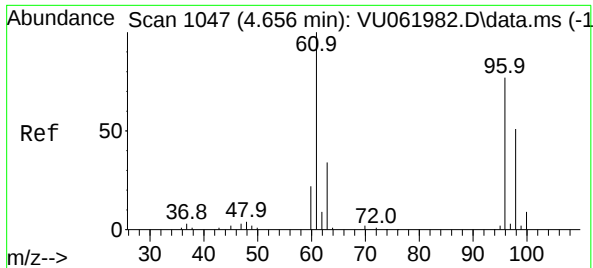
Tgt Ion: 73 Resp: 11067
Ion Ratio Lower Upper
73 100
43 17.8 16.3 24.5
57 10.5 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 0.756 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Tgt Ion: 63 Resp: 9031
Ion Ratio Lower Upper
63 100
65 32.1 22.7 42.3
83 14.1 9.9 18.3

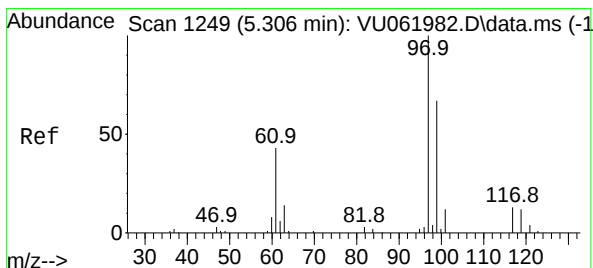
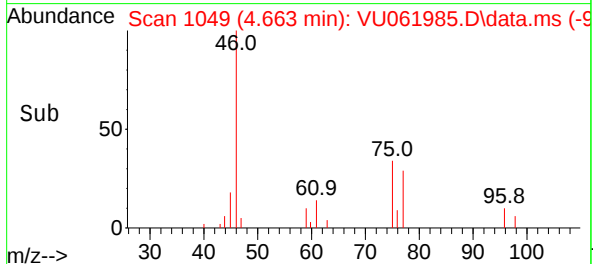
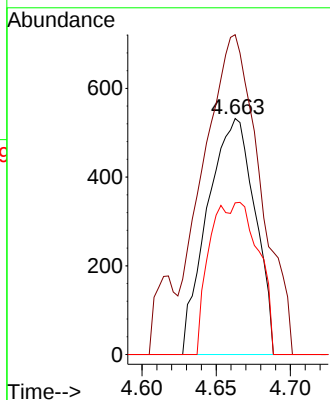
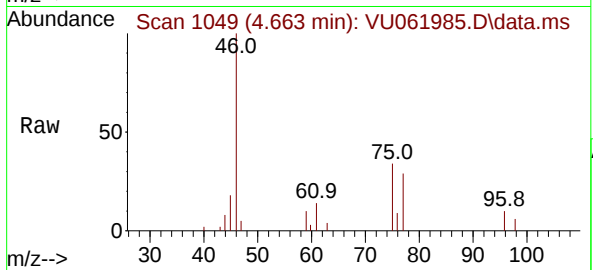




#22
 cis-1,2-Dichloroethene
 Concen: 0.171 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU061985.D
 Acq: 22 Nov 2024 21:22

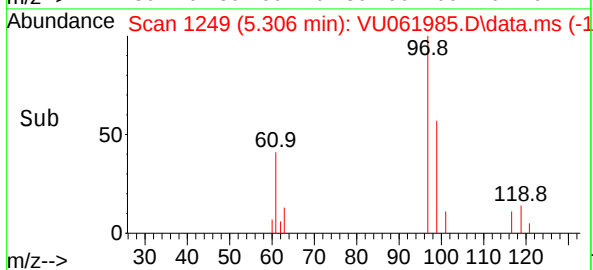
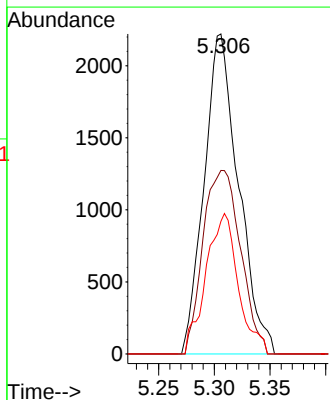
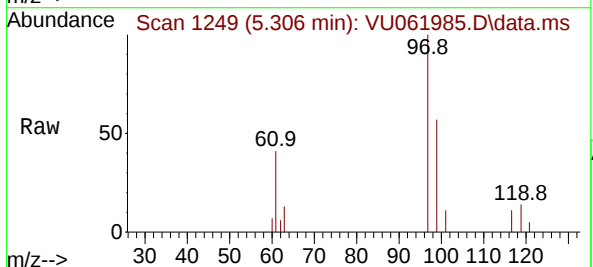
Instrument :
 MSVOA_U
 ClientSampleId :

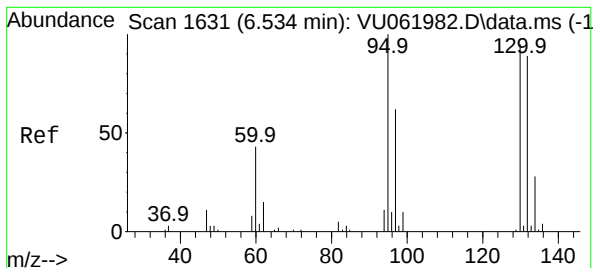
Tgt Ion: 96 Resp: 1183
 Ion Ratio Lower Upper
 96 100
 61 135.5 92.0 170.8
 98 64.3 44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.523 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU061985.D
 Acq: 22 Nov 2024 21:22

Tgt Ion: 97 Resp: 4763
 Ion Ratio Lower Upper
 97 100
 99 62.8 51.4 77.2
 61 41.2 37.8 56.6





#34

Trichloroethene

Concen: 1.627 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061985.D

Acq: 22 Nov 2024 21:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10355

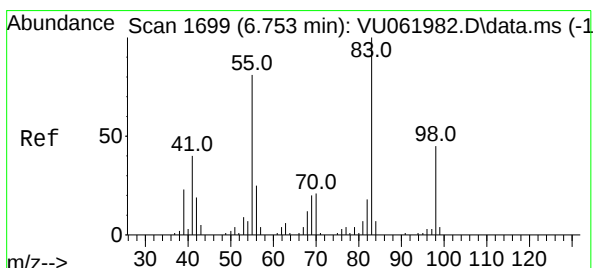
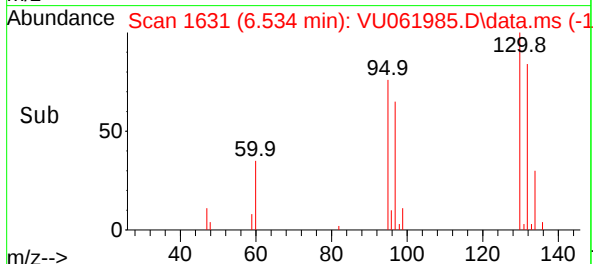
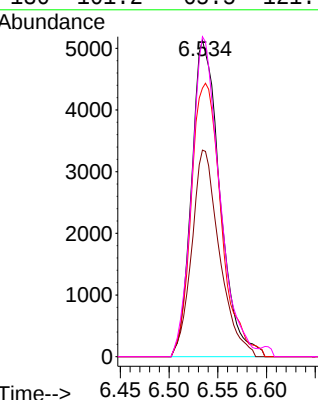
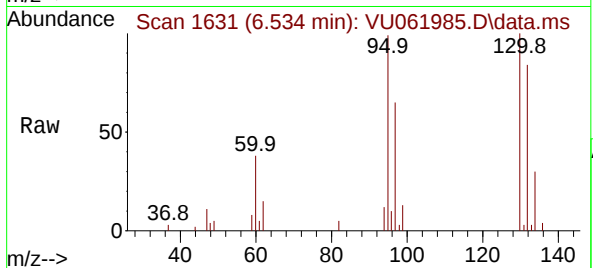
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 84.9 63.8 118.4

130 101.2 65.5 121.7



#35

Methylcyclohexane

Concen: 0.935 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061985.D

Acq: 22 Nov 2024 21:22

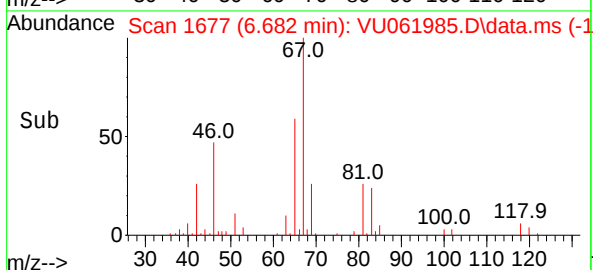
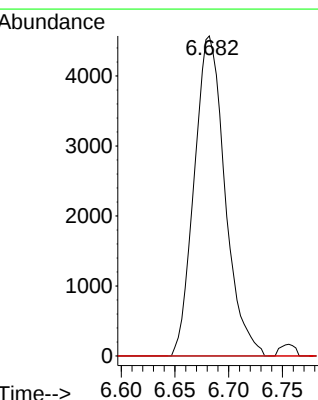
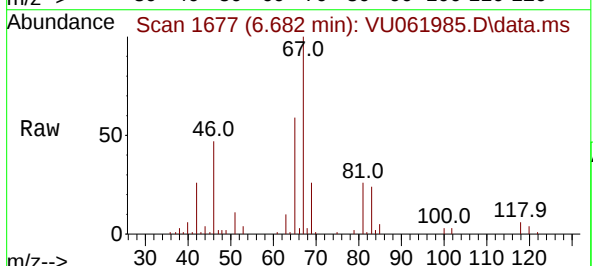
Tgt Ion: 83 Resp: 9096

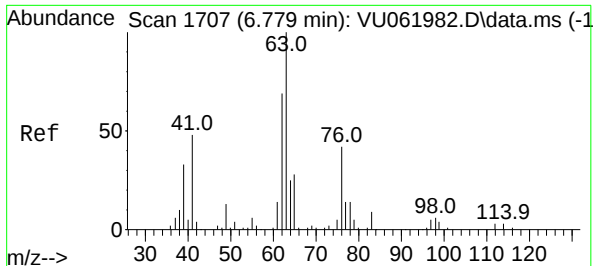
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 12.1 34.8 52.2#

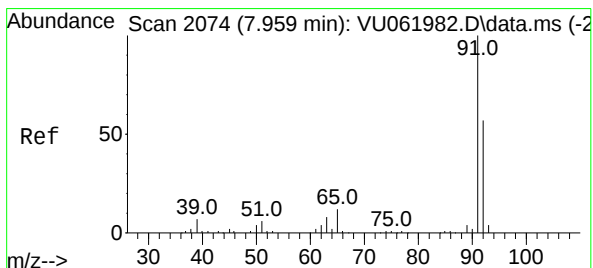
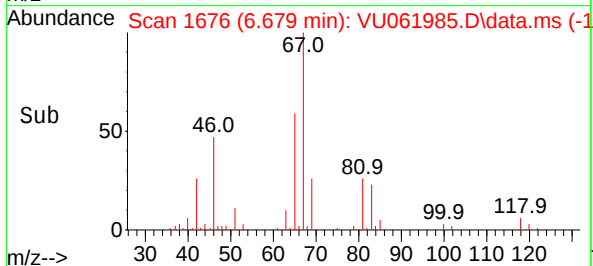
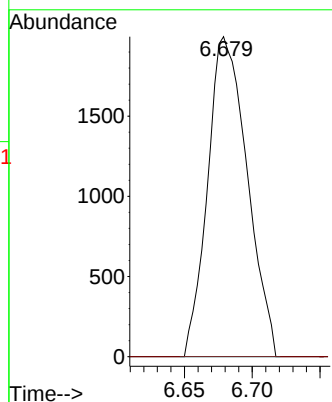
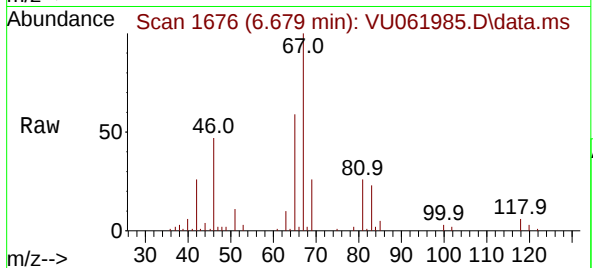




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

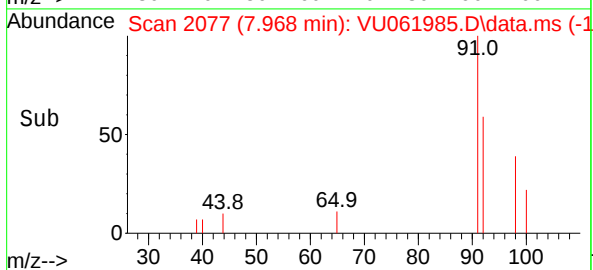
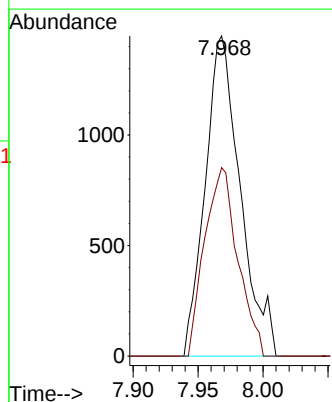
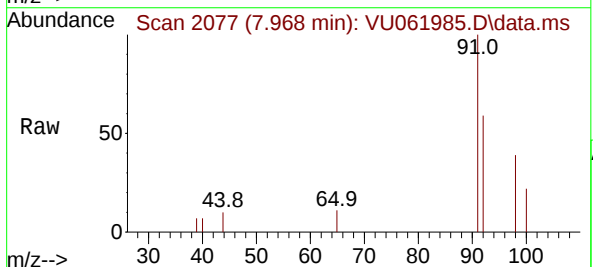
Instrument :
MSVOA_U
ClientSampleId :

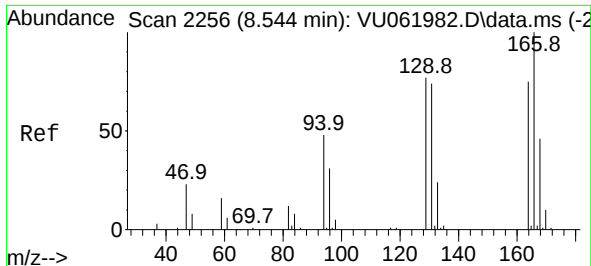
Tgt Ion: 63 Resp: 4050
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.109 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.010 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

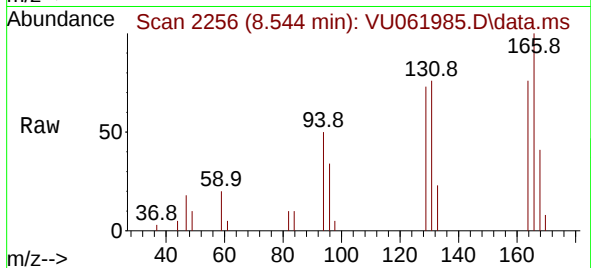
Tgt Ion: 91 Resp: 2718
Ion Ratio Lower Upper
91 100
92 58.8 39.0 72.4



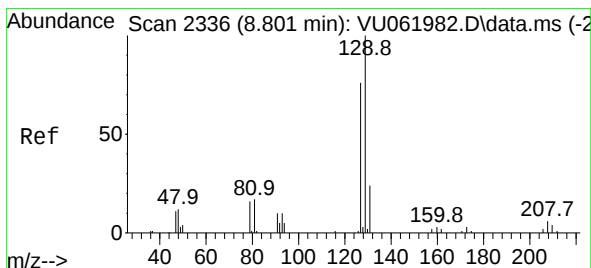
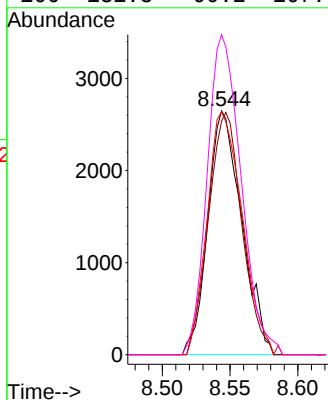
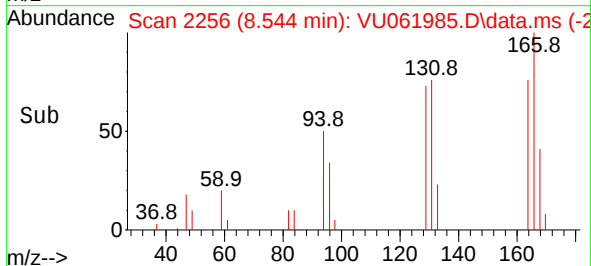


#47
Tetrachloroethene
Concen: 0.998 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

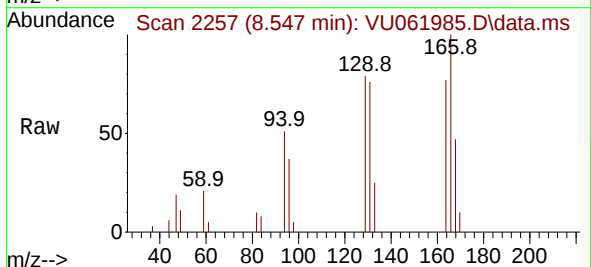
Instrument :
MSVOA_U
ClientSampleId :



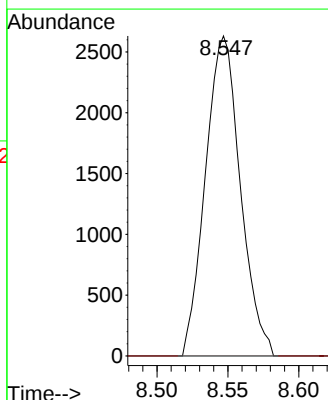
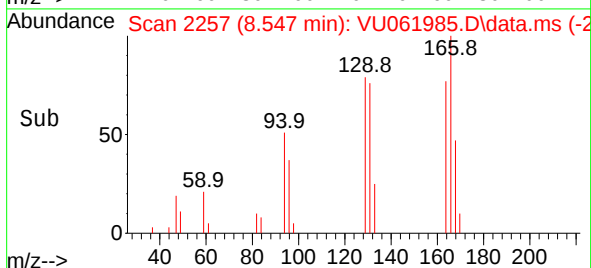
Tgt Ion:164 Resp: 4617
Ion Ratio Lower Upper
164 100
129 95.8 73.2 136.0
131 99.5 72.3 134.3
166 131.3 90.2 167.4

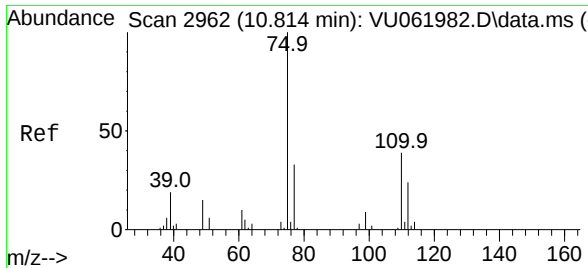


#49
Dibromochloromethane
Concen: 0.937 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22



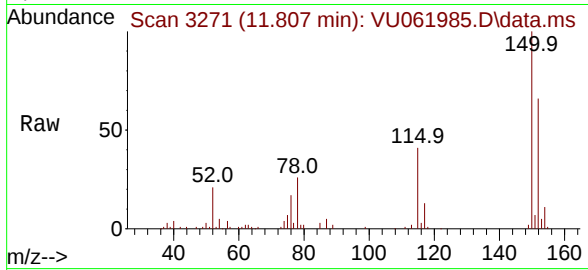
Tgt Ion:129 Resp: 4516
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 0.929 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	3669
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.9	43.3#
77	35.0	26.5	39.7

