

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061930.D
 Acq On : 21 Nov 2024 20:19
 Operator : MD/SY
 Sample : P4903-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:12:48 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)

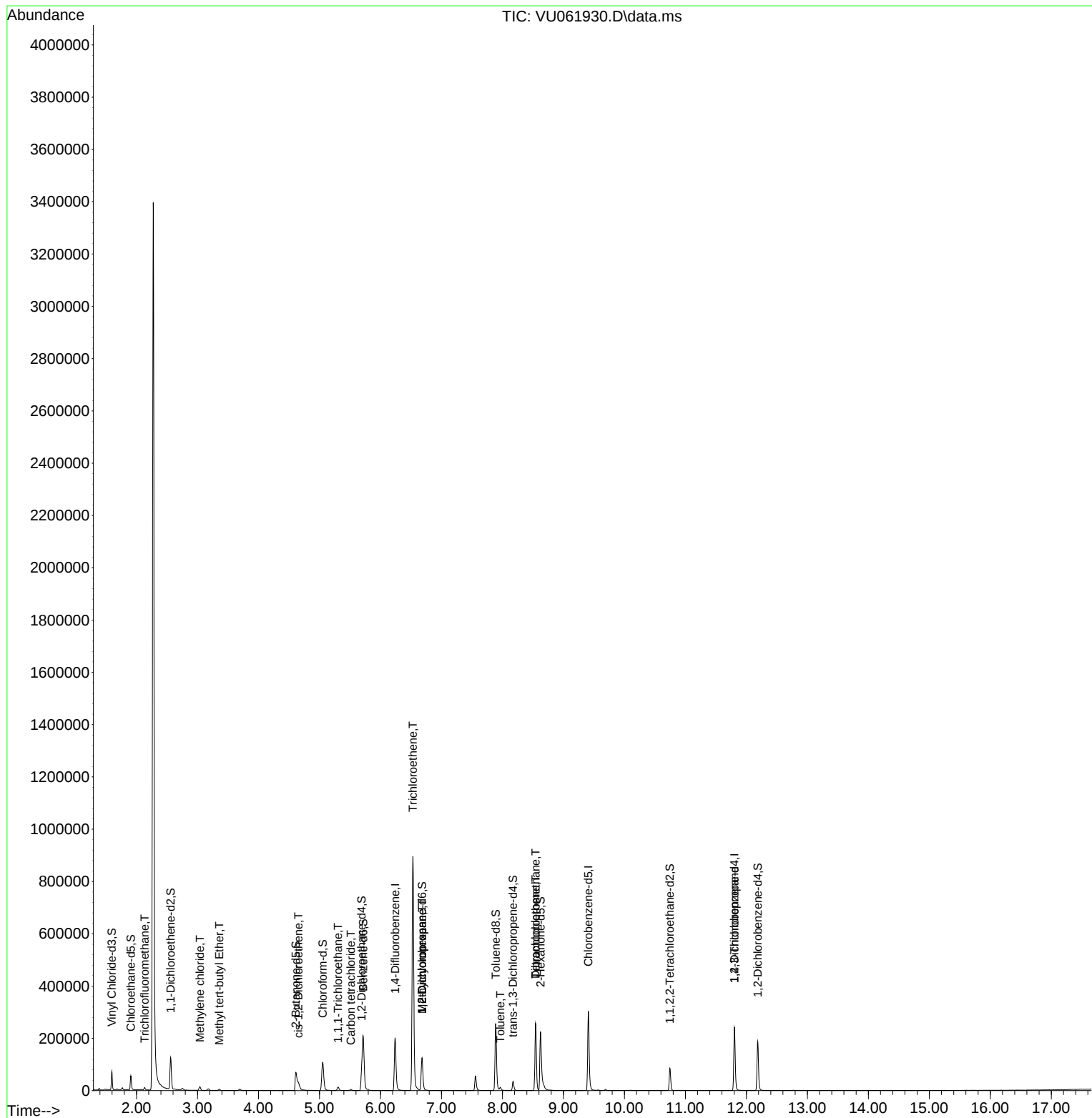
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166866	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48262	5.896	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.000%
7) Chloroethane-d5	1.907	69	40050	5.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	2.560	65	22983	7.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	140.600%#
20) 2-Butanone-d5	4.611	46	106867	41.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.052	84	106181	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.692	65	54731	5.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.717	84	202396	6.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.400%
36) 1,2-Dichloropropane-d6	6.682	67	60745	5.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.891	98	179731	6.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.200%
43) trans-1,3-Dichloroprop...	8.174	79	21598	5.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.624	63	79873	41.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44703	3.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	50631	5.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	5676	0.290	ug/L	87
16) Methylene chloride	3.039	84	7106	0.529	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	4872	0.170	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	9382	0.705	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	9787	0.492	ug/L	98
31) Carbon tetrachloride	5.515	117	2792	0.165	ug/L	92
34) Trichloroethene	6.531	95	318181	22.879	ug/L	98
35) Methylcyclohexane	6.682	83	13766	0.647	ug/L #	23
37) 1,2-Dichloropropane	6.682	63	6749	0.499	ug/L #	87
42) Toluene	7.965	91	8864	0.162	ug/L	98
47) Tetrachloroethene	8.544	164	56100	5.547	ug/L	96
49) Dibromochloromethane	8.544	129	57008	5.411	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	8737	1.148	ug/L #	69

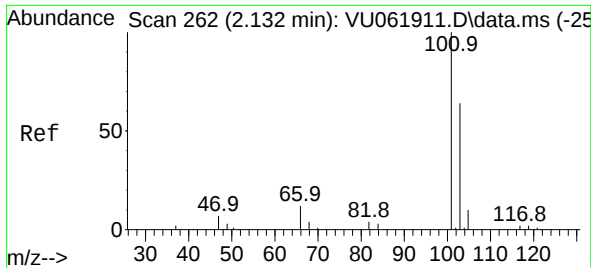
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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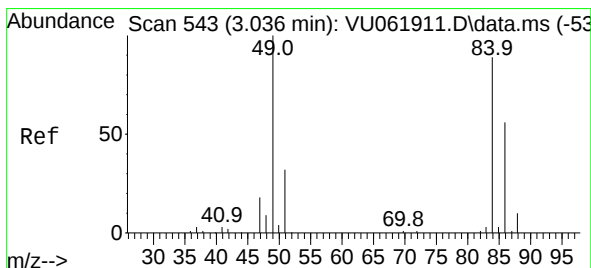
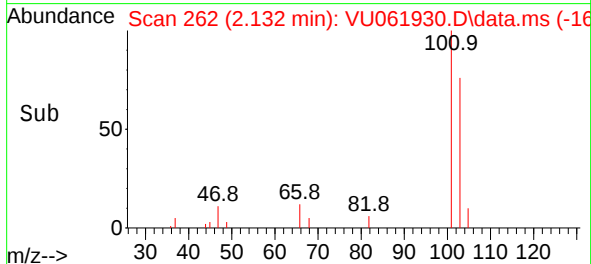
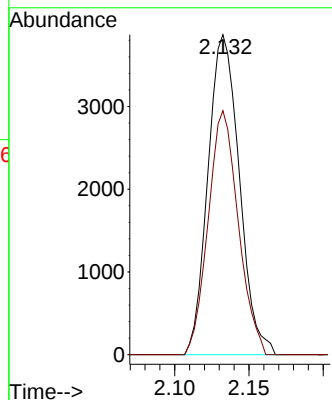
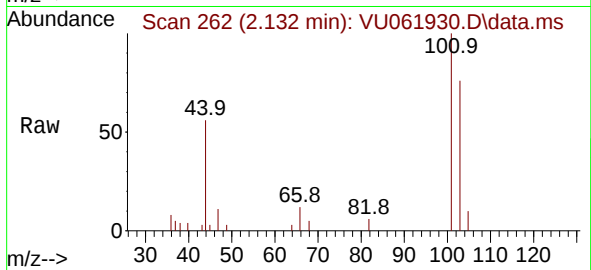




#9
 Trichlorofluoromethane
 Concen: 0.290 ug/L
 RT: 2.132 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061930.D
 Acq: 21 Nov 2024 20:19

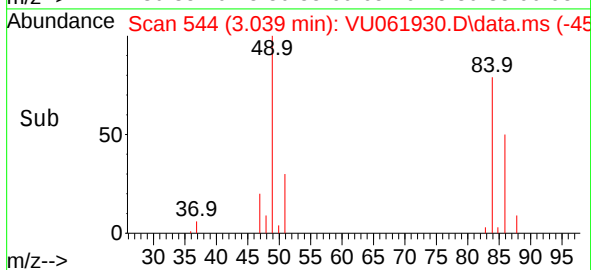
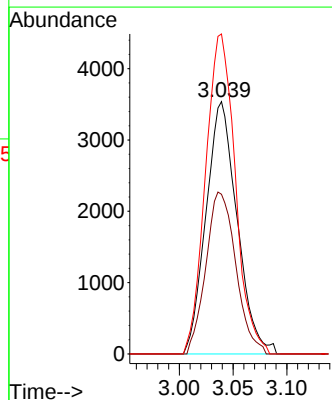
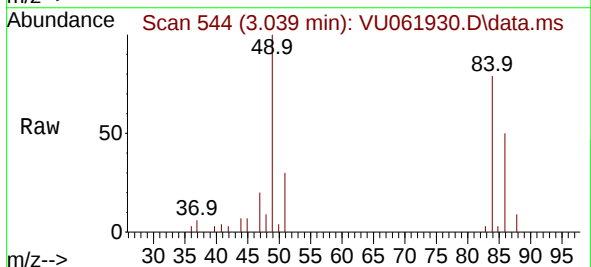
Instrument :
 MSVOA_U
 ClientSampleId :

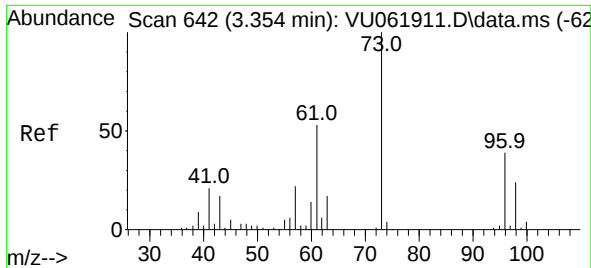
Tgt Ion:101 Resp: 5676
 Ion Ratio Lower Upper
 101 100
 103 73.4 50.6 75.8



#16
 Methylene chloride
 Concen: 0.529 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. 0.003 min
 Lab File: VU061930.D
 Acq: 21 Nov 2024 20:19

Tgt Ion: 84 Resp: 7106
 Ion Ratio Lower Upper
 84 100
 86 63.3 43.5 80.7
 49 126.8 81.9 152.1

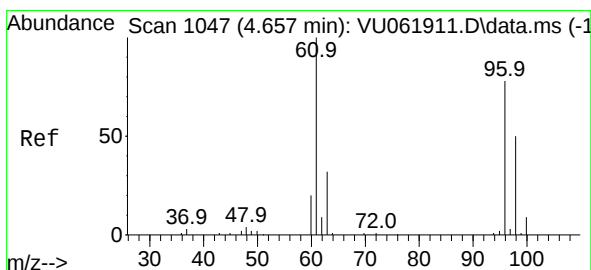
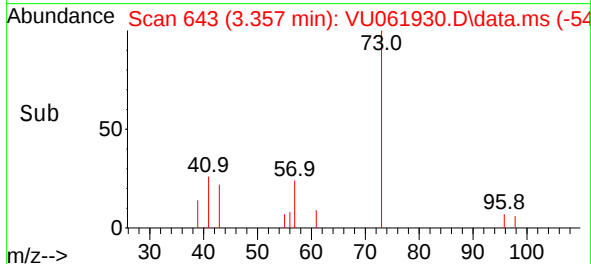
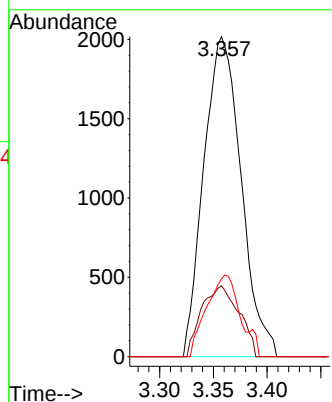
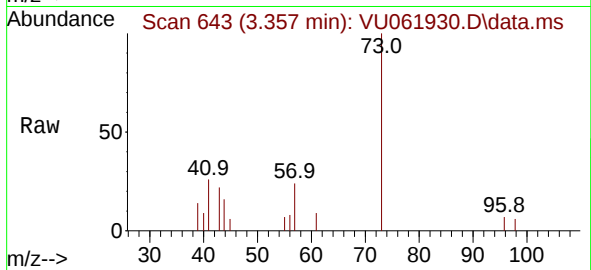




#17
Methyl tert-butyl Ether
Concen: 0.170 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

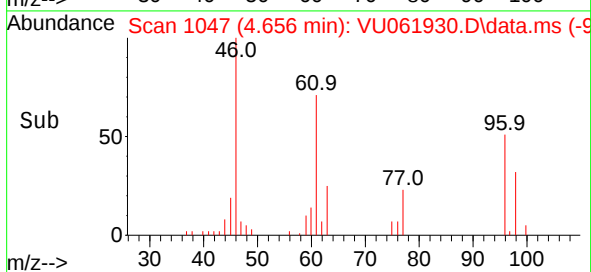
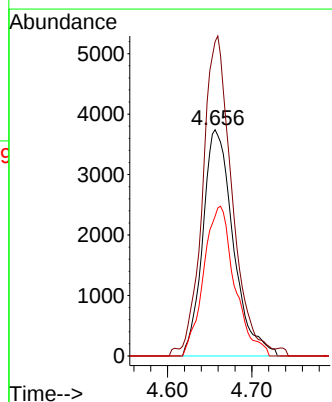
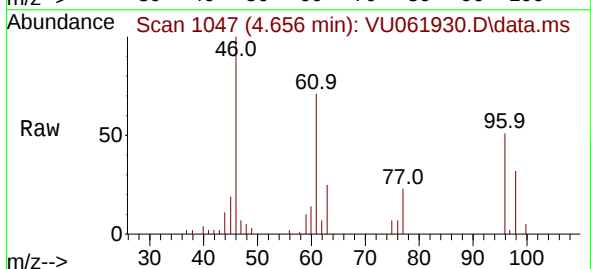
Instrument :
MSVOA_U
ClientSampleId :

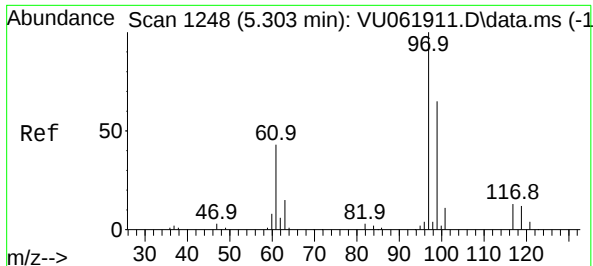
Tgt Ion: 73	Resp:	4872	
Ion	Ratio	Lower	Upper
73	100		
43	22.2	16.3	24.5
57	22.9	17.1	25.7



#22
cis-1,2-Dichloroethene
Concen: 0.705 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

Tgt Ion: 96	Resp:	9382	
Ion	Ratio	Lower	Upper
96	100		
61	138.9	92.0	170.8
98	61.7	44.5	82.7

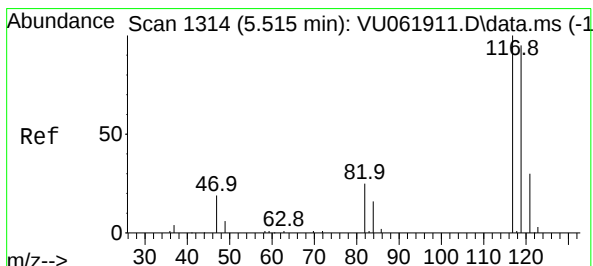
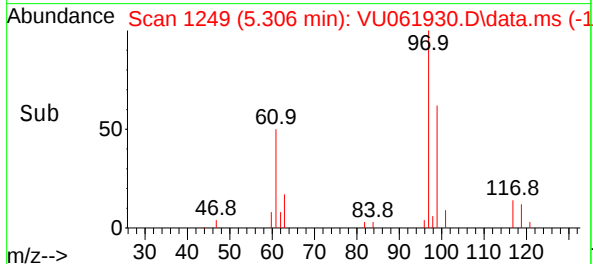
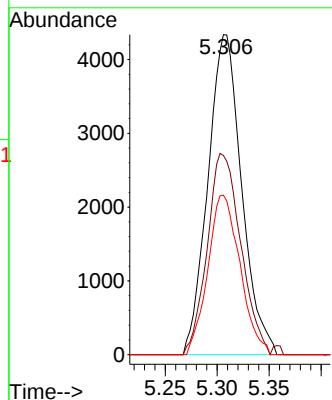
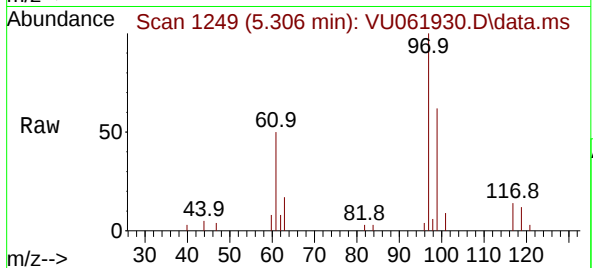




#29
1,1,1-Trichloroethane
Concen: 0.492 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

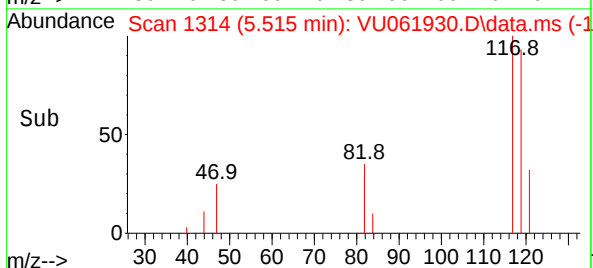
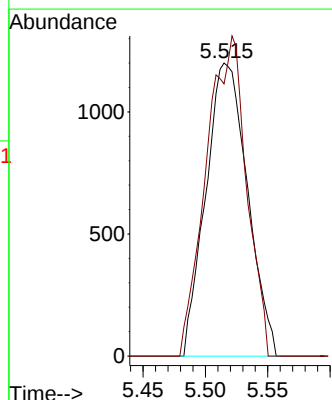
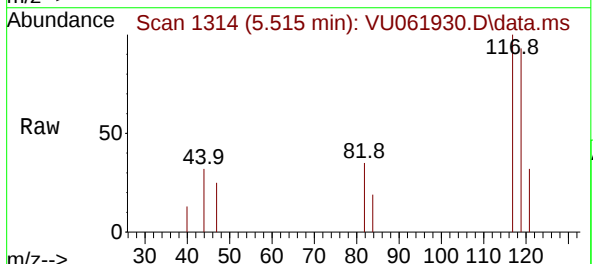
Instrument :
MSVOA_U
ClientSampleId :

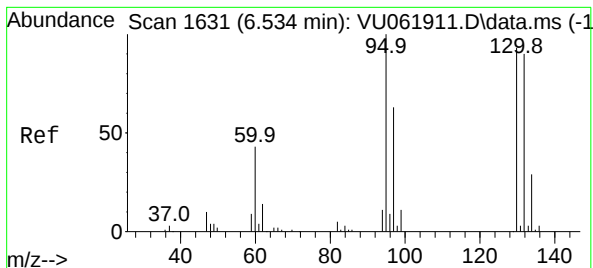
Tgt Ion: 97 Resp: 9787
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.2
61 47.6 37.8 56.6



#31
Carbon tetrachloride
Concen: 0.165 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

Tgt Ion:117 Resp: 2792
Ion Ratio Lower Upper
117 100
119 105.2 77.5 116.3





#34

Trichloroethene

Concen: 22.879 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061930.D

Acq: 21 Nov 2024 20:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 318181

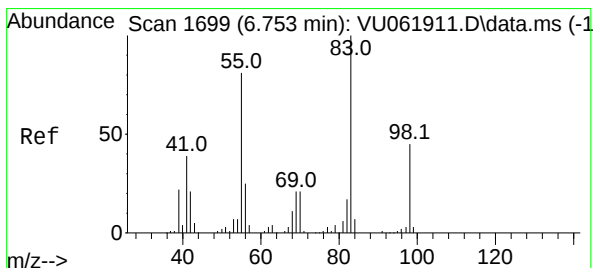
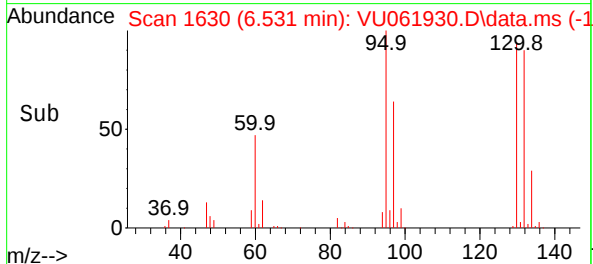
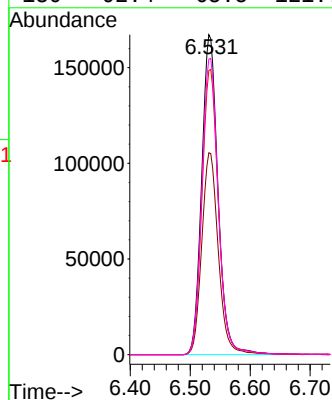
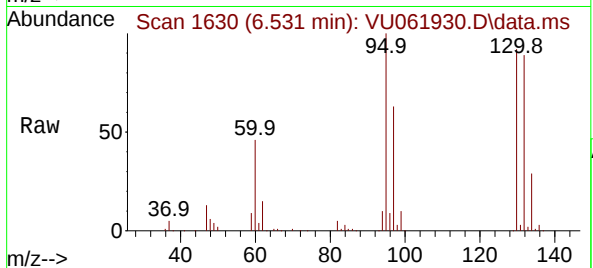
Ion Ratio Lower Upper

95 100

97 63.1 45.9 85.3

132 88.8 63.8 118.4

130 92.4 65.5 121.7



#35

Methylcyclohexane

Concen: 0.647 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061930.D

Acq: 21 Nov 2024 20:19

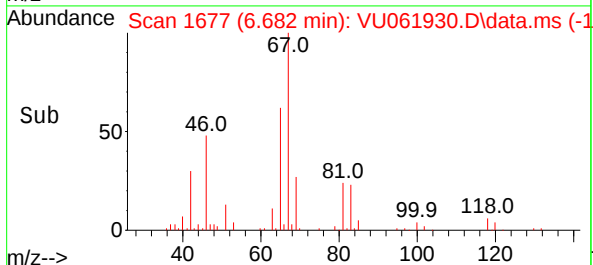
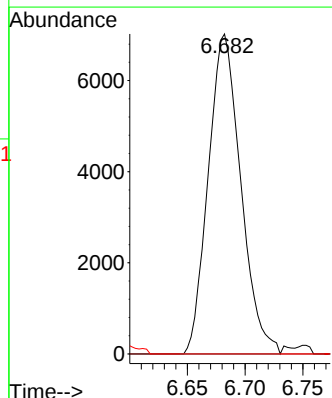
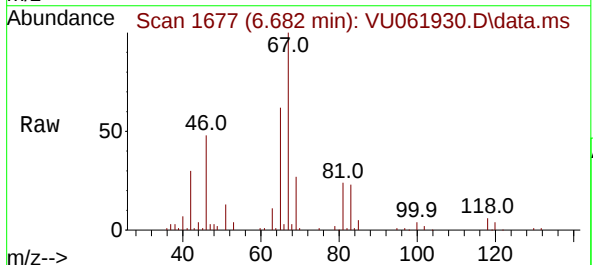
Tgt Ion: 83 Resp: 13766

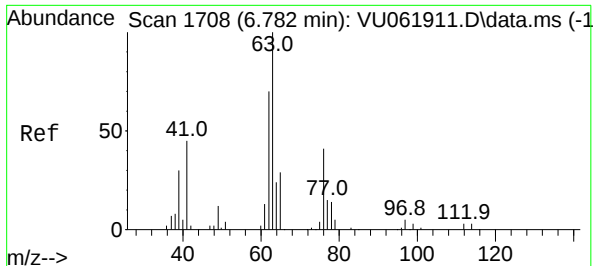
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 6.2 34.8 52.2#

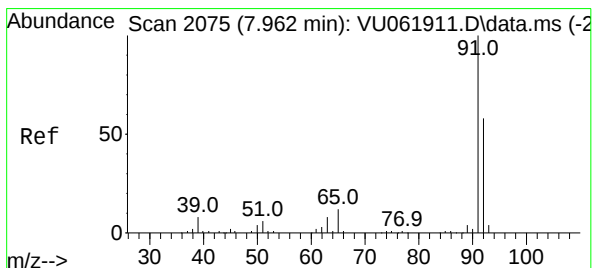
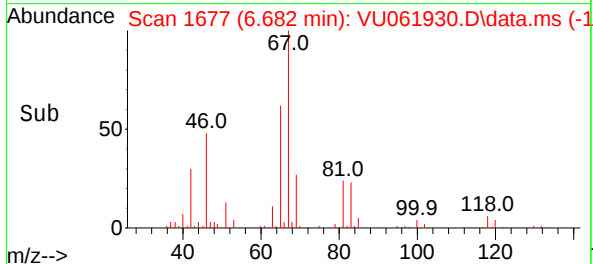
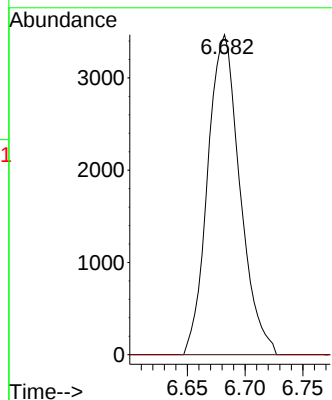
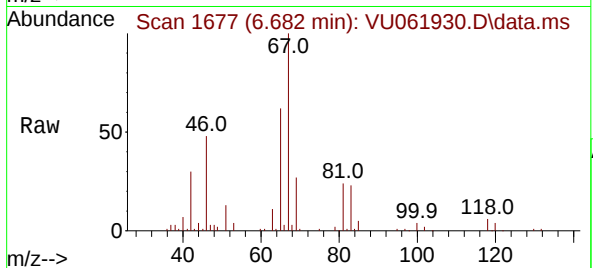




#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

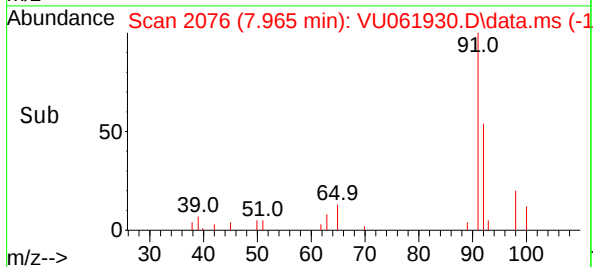
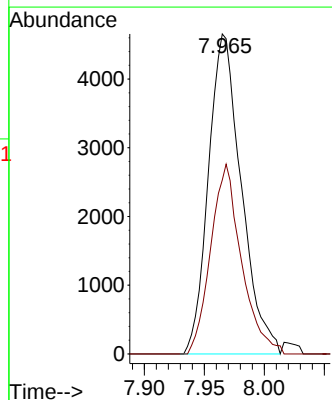
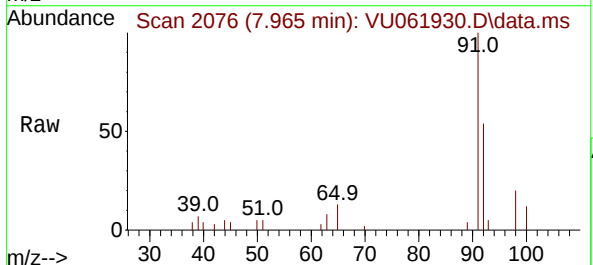
Instrument :
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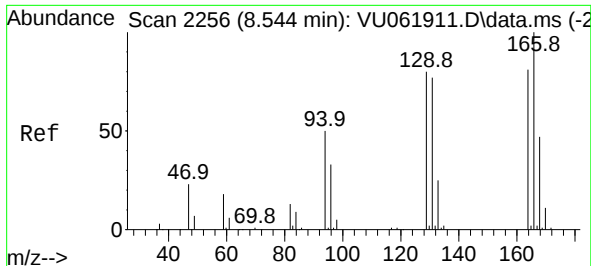
Tgt Ion: 63 Resp: 6749
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.162 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

Tgt Ion: 91 Resp: 8864
Ion Ratio Lower Upper
91 100
92 54.4 39.0 72.4





#47

Tetrachloroethene

Concen: 5.547 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061930.D

Acq: 21 Nov 2024 20:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 56100

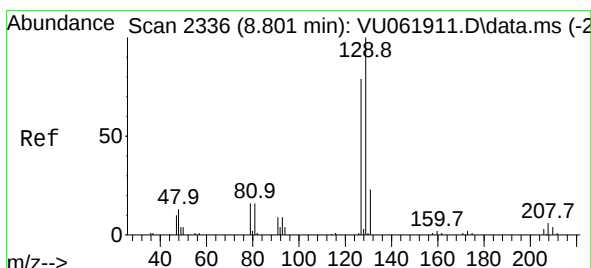
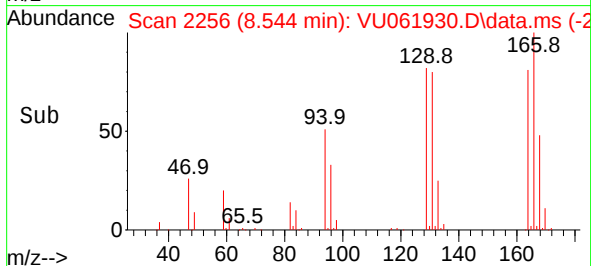
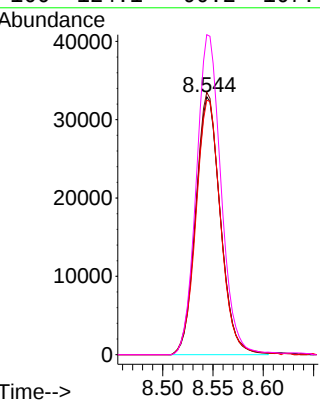
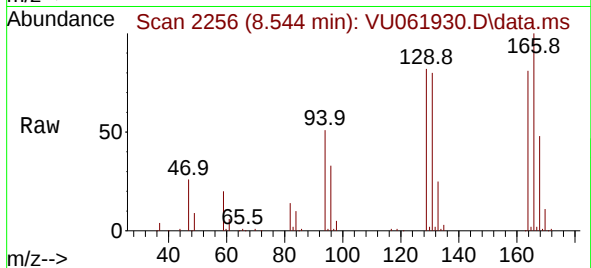
Ion Ratio Lower Upper

164 100

129 101.8 73.2 136.0

131 98.7 72.3 134.3

166 124.1 90.2 167.4



#49

Dibromochloromethane

Concen: 5.411 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061930.D

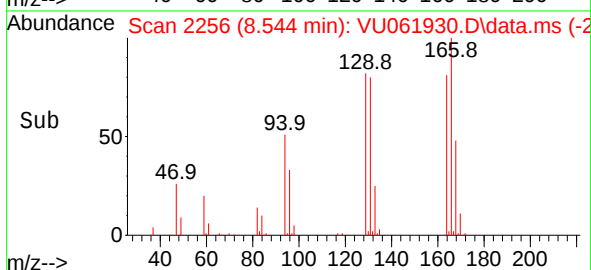
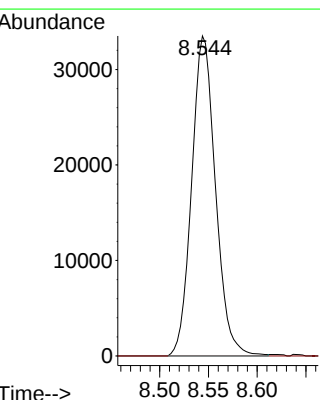
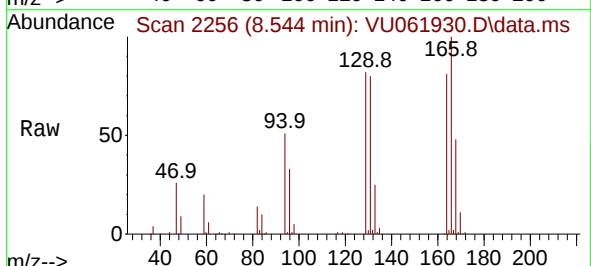
Acq: 21 Nov 2024 20:19

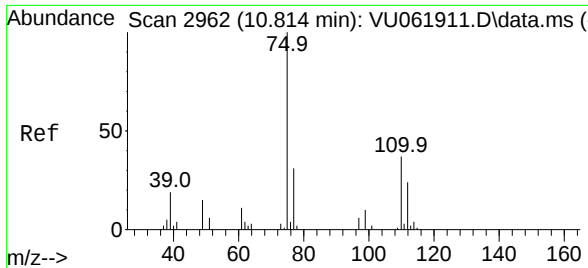
Tgt Ion:129 Resp: 57008

Ion Ratio Lower Upper

129 100

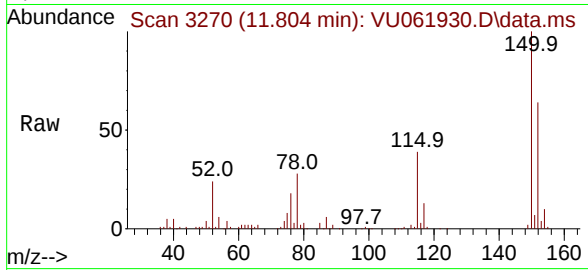
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.148 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061930.D
Acq: 21 Nov 2024 20:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	8737
Ion	Ratio	Lower	Upper
75	100		
110	1.8	28.9	43.3#
77	32.4	26.5	39.7

