

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049860.D
 Acq On : 22 Jul 2022 19:27
 Operator : SY/MD
 Sample : N3802-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY5

Quant Time: Jul 23 02:36:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

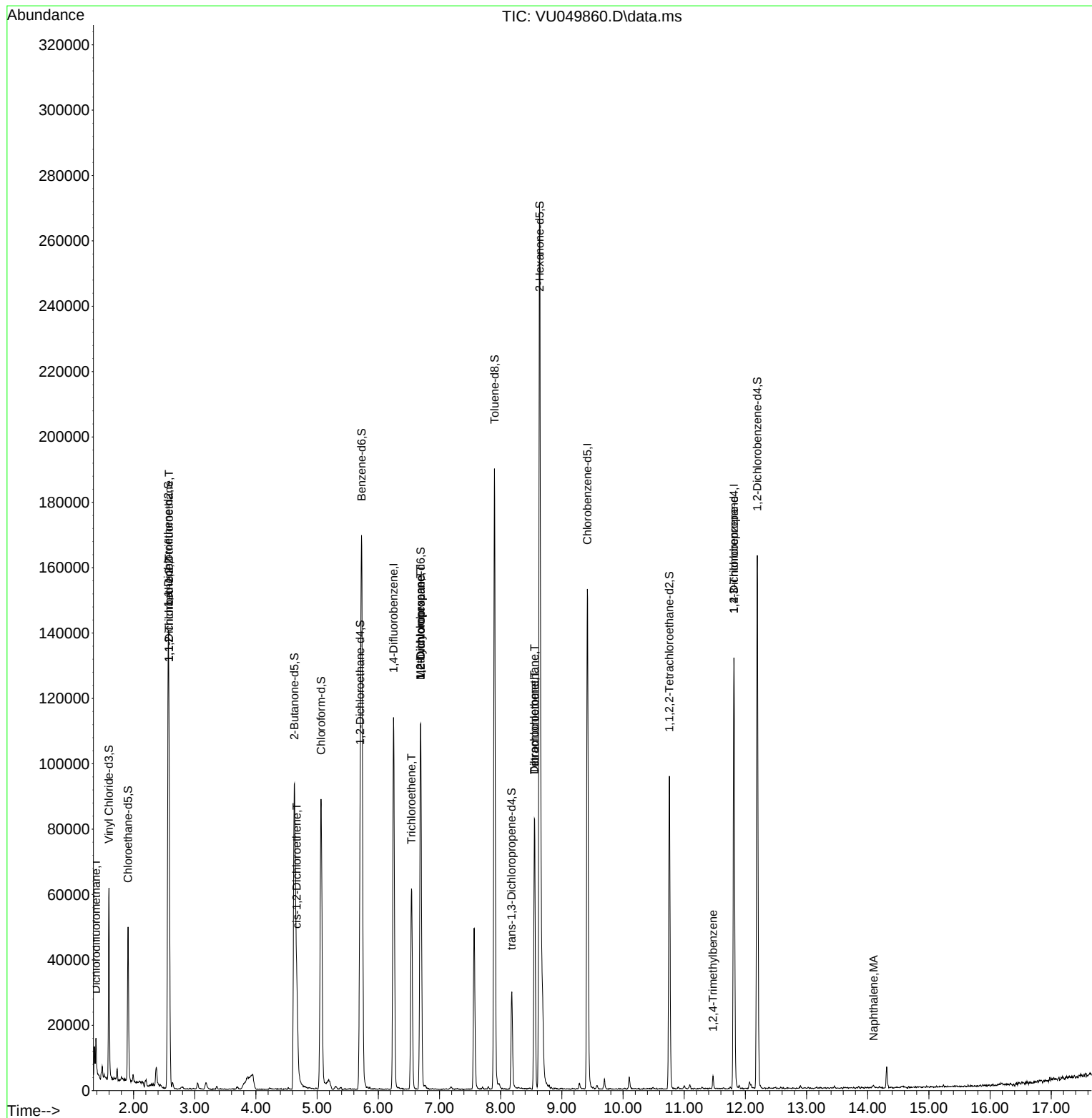
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37421	5.396	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.000%		
7) Chloroethane-d5	1.909	69	31951	5.504	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.000%		
11) 1,1-Dichloroethene-d2	2.565	65	16265	5.254	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.000%		
20) 2-Butanone-d5	4.626	46	145098	58.145	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.280%		
24) Chloroform-d	5.063	84	81834	5.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.000%		
26) 1,2-Dichloroethane-d4	5.703	65	47647	5.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
32) Benzene-d6	5.729	84	150271	5.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.800%		
36) 1,2-Dichloropropane-d6	6.693	67	54270	5.587	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.800%		
41) Toluene-d8	7.899	98	120082	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.800%		
43) trans-1,3-Dichloroprop...	8.179	79	17515	4.967	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.400%		
46) 2-Hexanone-d5	8.636	63	83108	59.472	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.940%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45637	5.595	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	40246	5.939	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	7285	0.806	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30438	5.441	ug/L	98
12) 1,1-Dichloroethene	2.578	96	2052	0.363	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	8791	1.160	ug/L	93
34) Trichloroethene	6.542	95	21861	3.011	ug/L	95
35) Methylcyclohexane	6.690	83	12092	1.350	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	6111	0.716	ug/L #	89
47) Tetrachloroethene	8.552	164	17775	3.557	ug/L	92
49) Dibromochloromethane	8.552	129	17623	2.589	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4776	1.092	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.471	105	2061	0.116	ug/L	90
71) Naphthalene	14.095	128	1304	0.100	ug/L #	80

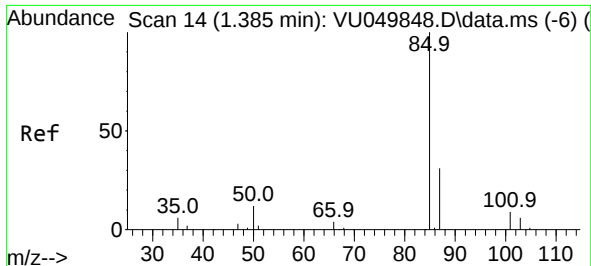
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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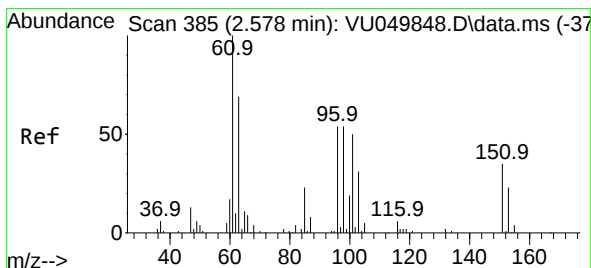
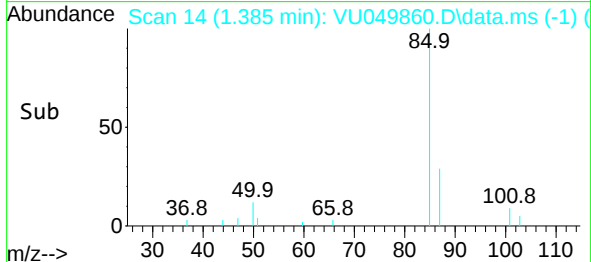
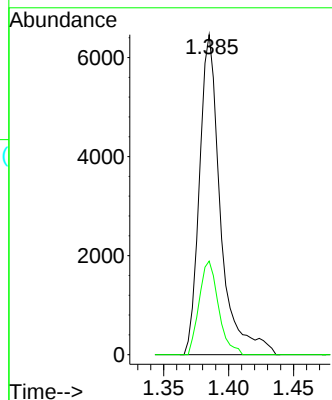
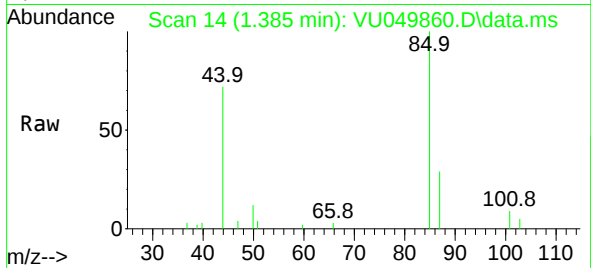




#2
Dichlorodifluoromethane
Concen: 0.806 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

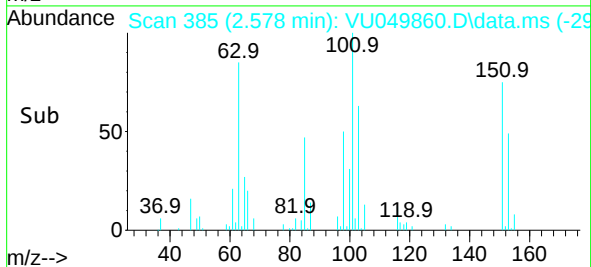
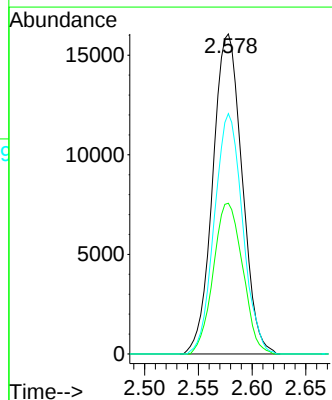
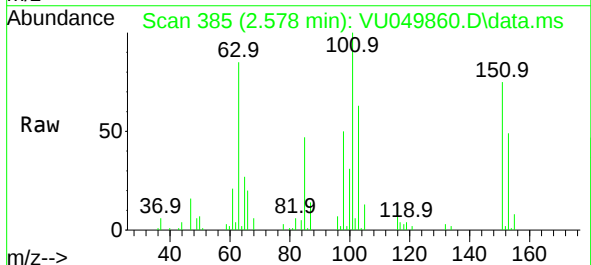
Instrument :
MSVOA_U
ClientSampleId :
GBHY5

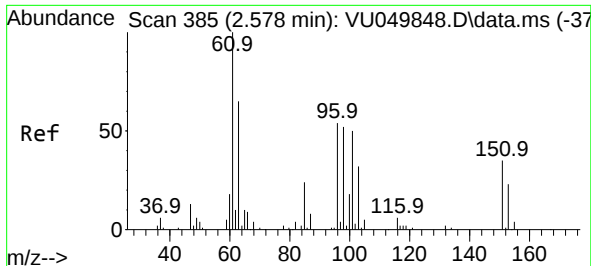
Tgt Ion: 85 Resp: 7285
Ion Ratio Lower Upper
85 100
87 26.8 25.4 38.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.441 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

Tgt Ion:101 Resp: 30438
Ion Ratio Lower Upper
101 100
85 47.1 37.2 55.8
151 72.6 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.363 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU049860.D

Acq: 22 Jul 2022 19:27

Instrument :

MSVOA_U

ClientSampleId :

GBHY5

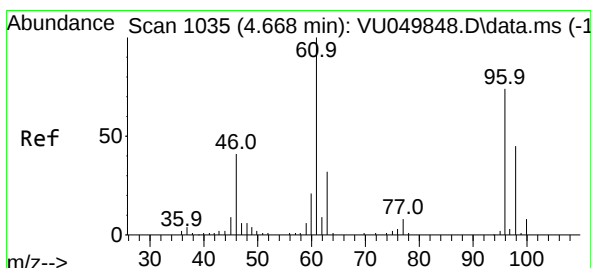
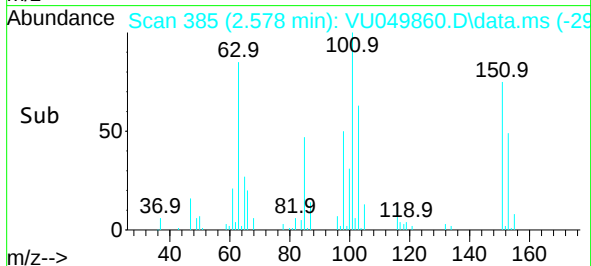
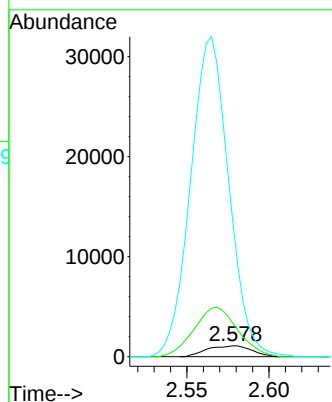
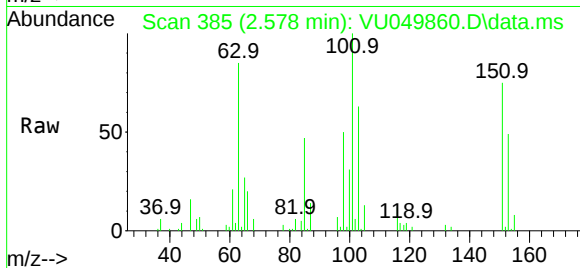
Tgt Ion: 96 Resp: 2052

Ion Ratio Lower Upper

96 100

61 309.3 131.6 244.4#

63 1244.6 100.0 185.6#



#22

cis-1,2-Dichloroethene

Concen: 1.160 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049860.D

Acq: 22 Jul 2022 19:27

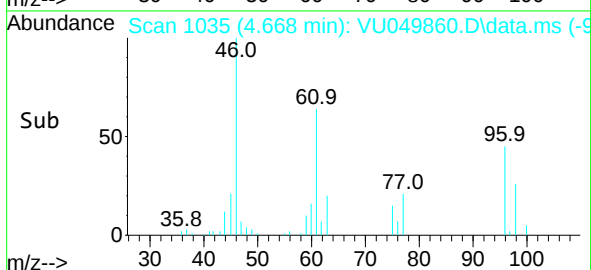
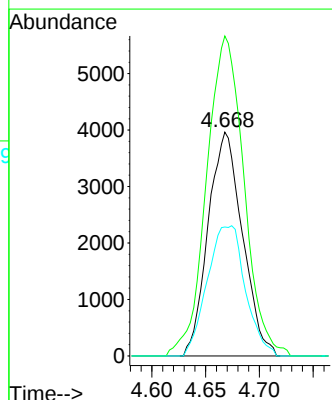
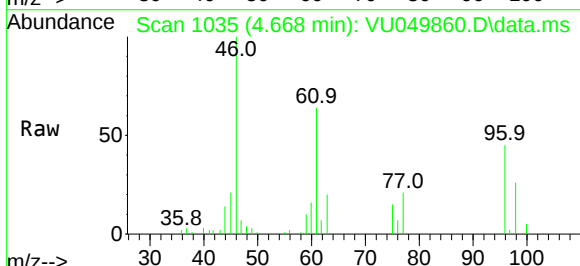
Tgt Ion: 96 Resp: 8791

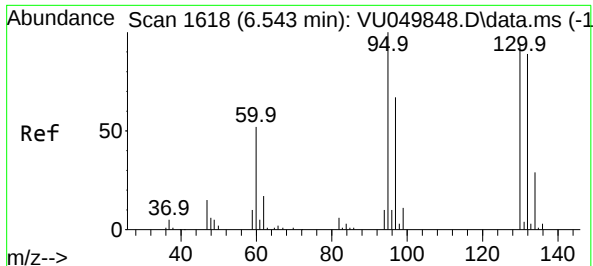
Ion Ratio Lower Upper

96 100

61 142.9 93.9 174.3

98 57.6 43.9 81.5

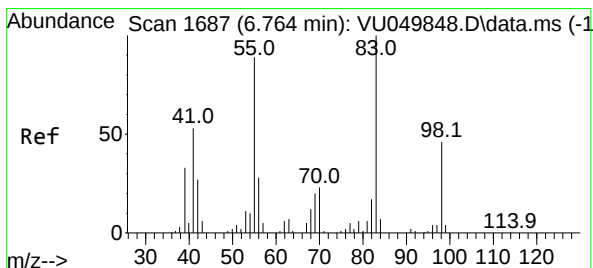
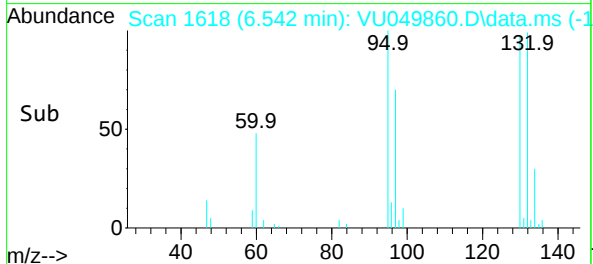
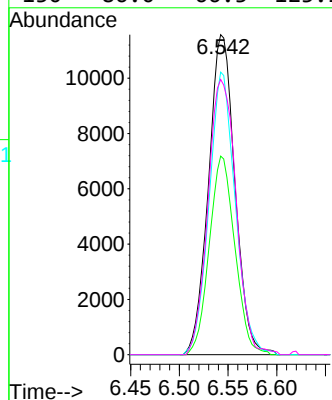
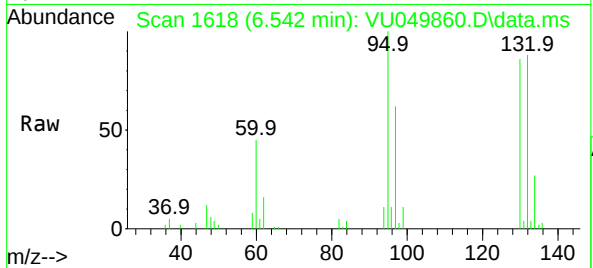




#34
Trichloroethene
Concen: 3.011 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

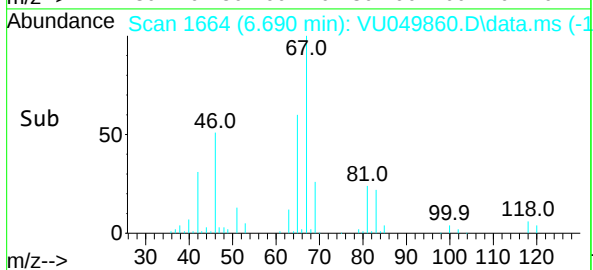
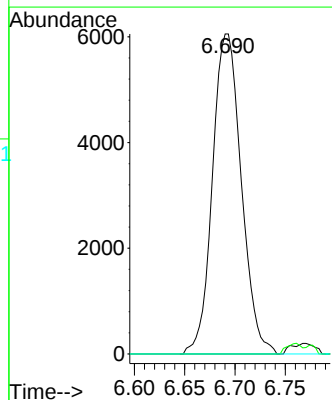
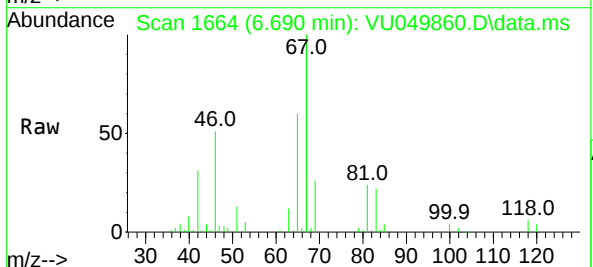
Instrument :
MSVOA_U
ClientSampleId :
GBHY5

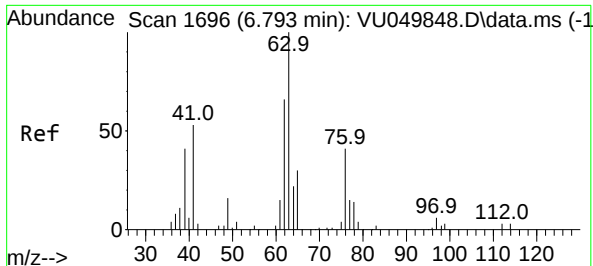
Tgt Ion: 95 Resp: 21861
Ion Ratio Lower Upper
95 100
97 62.1 46.8 86.8
132 88.3 61.8 114.8
130 86.0 66.3 123.1



#35
Methylcyclohexane
Concen: 1.350 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

Tgt Ion: 83 Resp: 12092
Ion Ratio Lower Upper
83 100
55 1.7 69.0 103.4#
98 6.0 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.716 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049860.D

Acq: 22 Jul 2022 19:27

Instrument :

MSVOA_U

ClientSampleId :

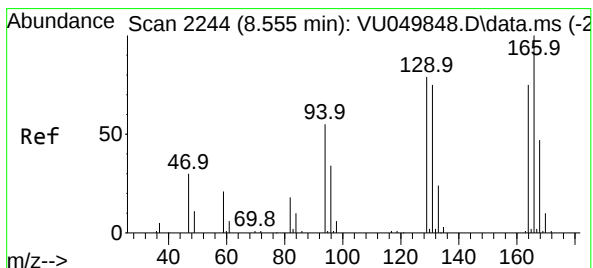
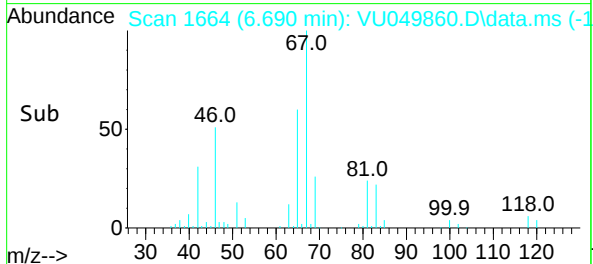
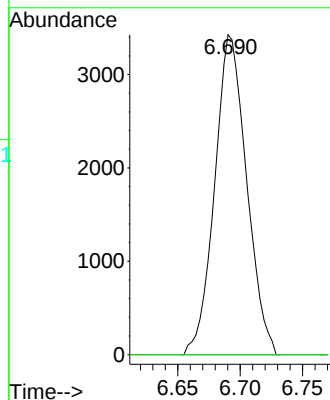
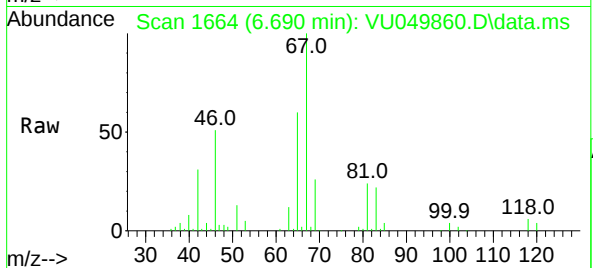
GBHY5

Tgt Ion: 63 Resp: 6111

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 3.557 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU049860.D

Acq: 22 Jul 2022 19:27

Tgt Ion: 164 Resp: 17775

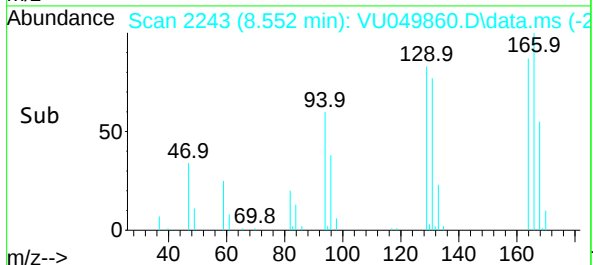
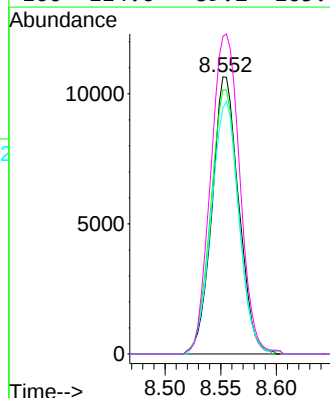
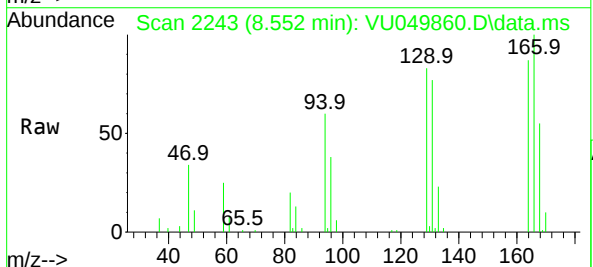
Ion Ratio Lower Upper

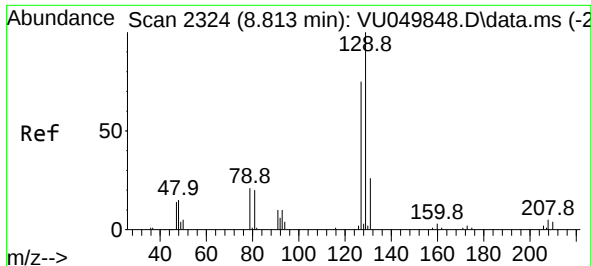
164 100

129 95.3 68.9 127.9

131 88.7 67.5 125.4

166 114.6 89.2 165.8

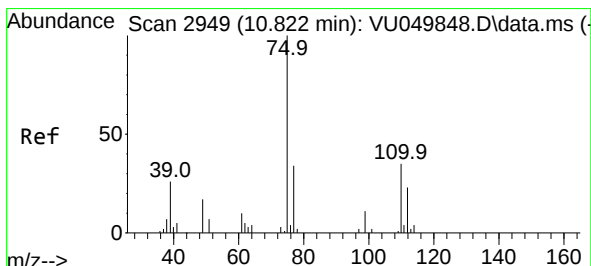
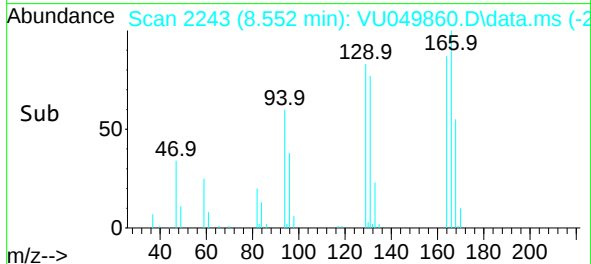
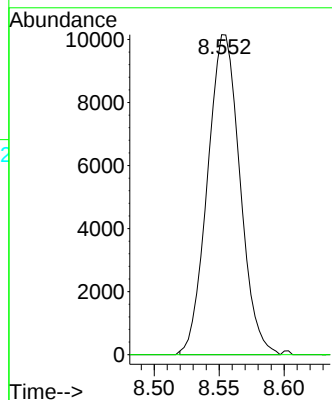
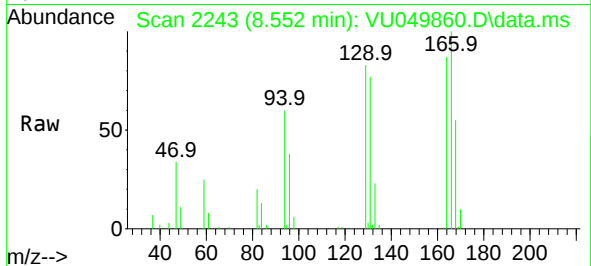




#49
Dibromochloromethane
Concen: 2.589 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.261 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

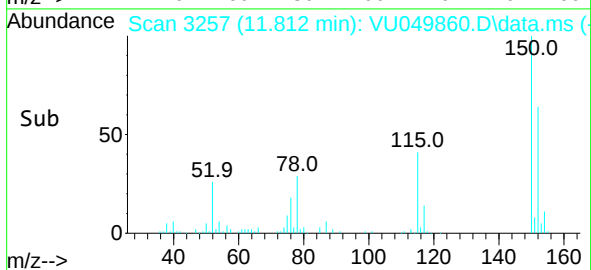
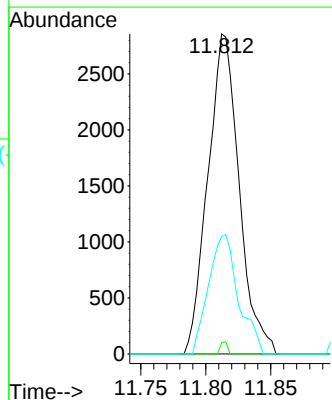
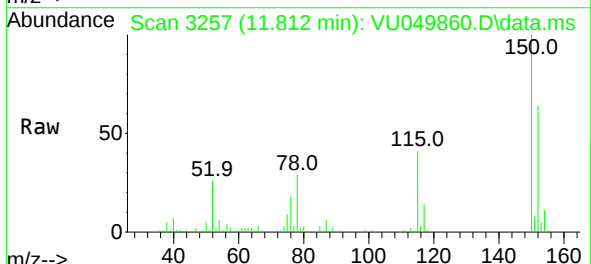
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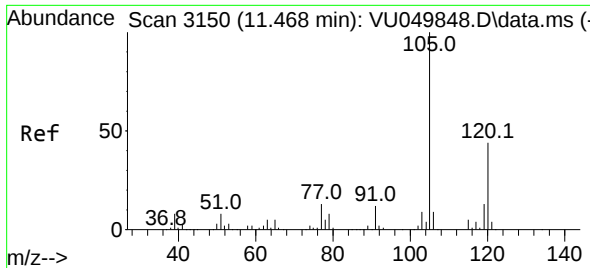
Tgt Ion:129 Resp: 17623
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#



#61
1,2,3-Trichloropropane
Concen: 1.092 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

Tgt Ion: 75 Resp: 4776
Ion Ratio Lower Upper
75 100
110 0.8 28.0 42.0#
77 35.5 25.4 38.2

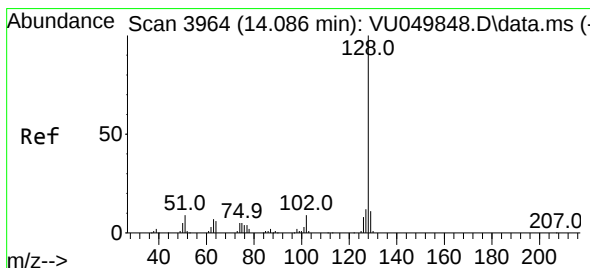
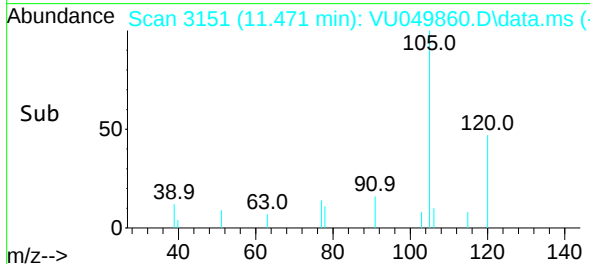
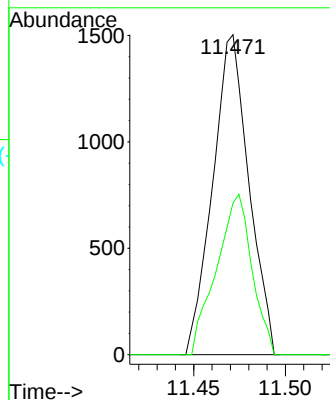
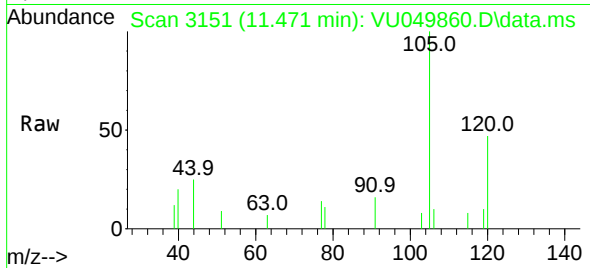




#63
1,2,4-Trimethylbenzene
Concen: 0.116 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

Instrument :
MSVOA_U
ClientSampleId :
GBHY5

Tgt Ion:105 Resp: 2061
Ion Ratio Lower Upper
105 100
120 49.2 34.2 51.4



#71
Naphthalene
Concen: 0.100 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU049860.D
Acq: 22 Jul 2022 19:27

Tgt Ion:128 Resp: 1304
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 0.0 11.1 16.7#

