

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049861.D
 Acq On : 22 Jul 2022 19:52
 Operator : SY/MD
 Sample : N3802-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY6

Quant Time: Jul 23 02:36:41 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)

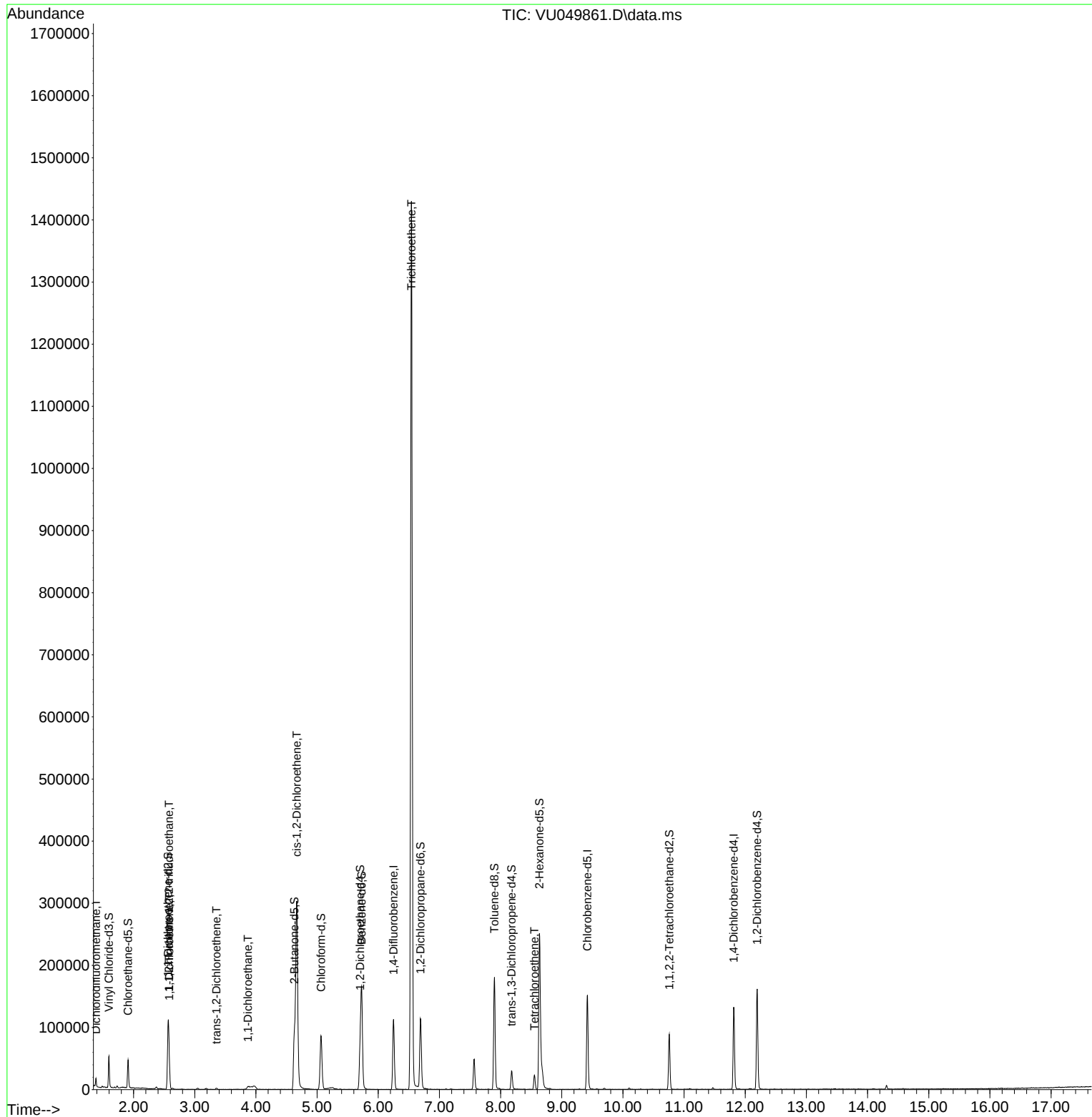
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85025	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35480	5.154	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.000%		
7) Chloroethane-d5	1.909	69	30966	5.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.600%		
11) 1,1-Dichloroethene-d2	2.565	65	15500	5.045	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.629	46	138614	55.966	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.940%		
24) Chloroform-d	5.067	84	79616	5.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.703	65	46728	5.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.000%		
32) Benzene-d6	5.729	84	148306	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
36) 1,2-Dichloropropane-d6	6.690	67	53423	5.505	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.000%		
41) Toluene-d8	7.899	98	117043	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.400%		
43) trans-1,3-Dichloroprop...	8.179	79	16900	4.797	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.000%		
46) 2-Hexanone-d5	8.636	63	77554	55.548	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 111.100%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43097	5.288	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	39282	5.509	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	8216	0.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	16983	3.059	ug/L	99
12) 1,1-Dichloroethene	2.581	96	2725	0.485	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	752	0.116	ug/L	95
19) 1,1-Dichloroethane	3.867	63	2753	0.196	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	142049	18.885	ug/L	97
34) Trichloroethene	6.542	95	483961	66.727	ug/L	98
47) Tetrachloroethene	8.552	164	5096	1.021	ug/L	88

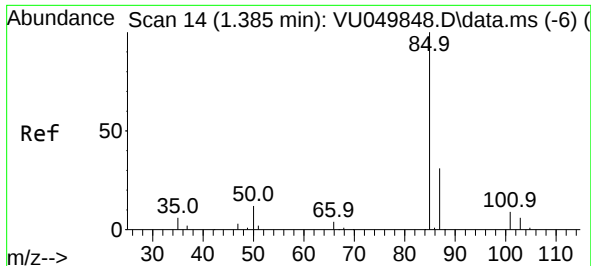
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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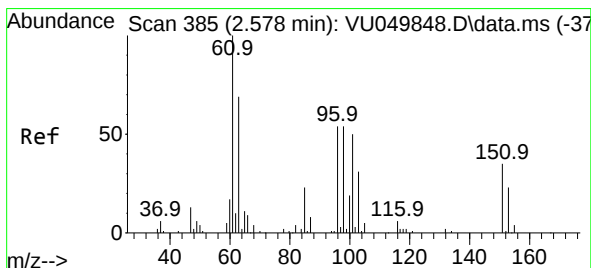
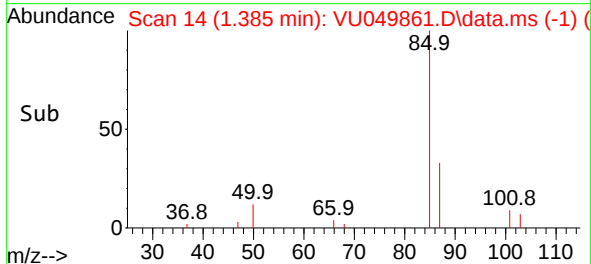
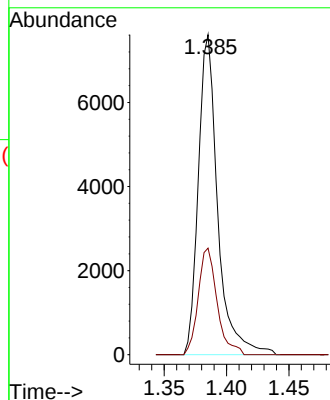
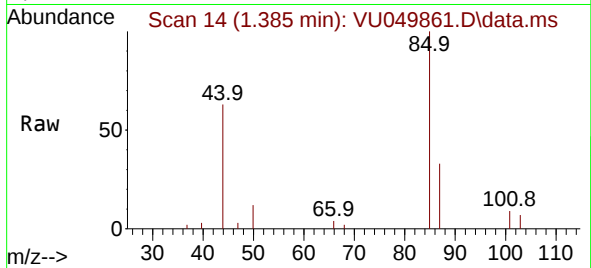




#2
Dichlorodifluoromethane
Concen: 0.915 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049861.D
Acq: 22 Jul 2022 19:52

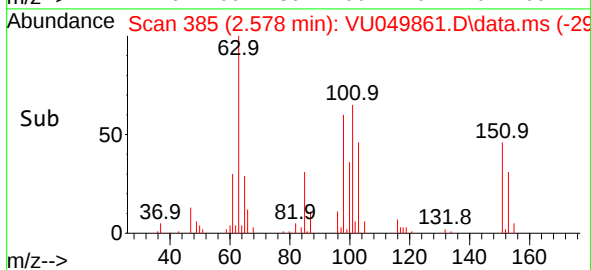
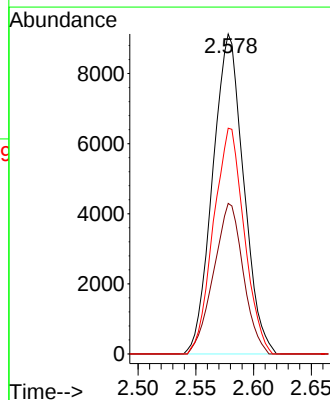
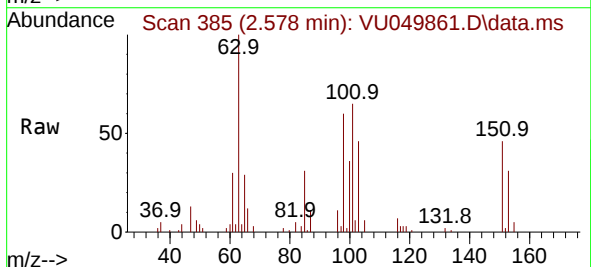
Instrument :
MSVOA_U
ClientSampleId :
GBHY6

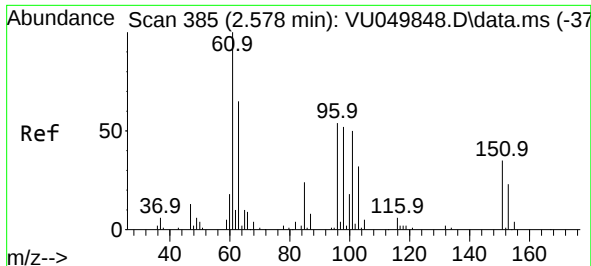
Tgt Ion: 85 Resp: 8216
Ion Ratio Lower Upper
85 100
87 32.4 25.4 38.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.059 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049861.D
Acq: 22 Jul 2022 19:52

Tgt Ion:101 Resp: 16983
Ion Ratio Lower Upper
101 100
85 45.1 37.2 55.8
151 70.1 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.485 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049861.D

Acq: 22 Jul 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

GBHY6

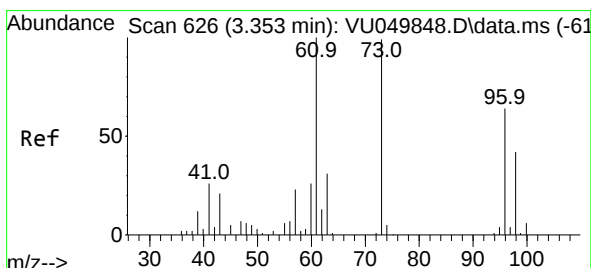
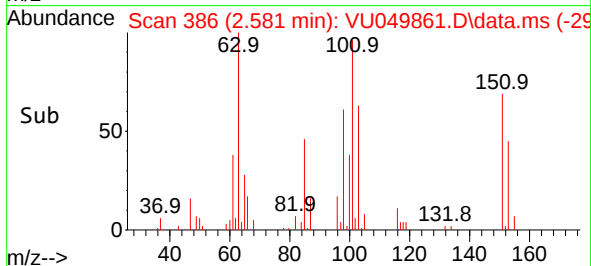
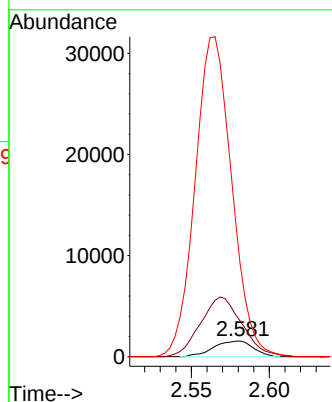
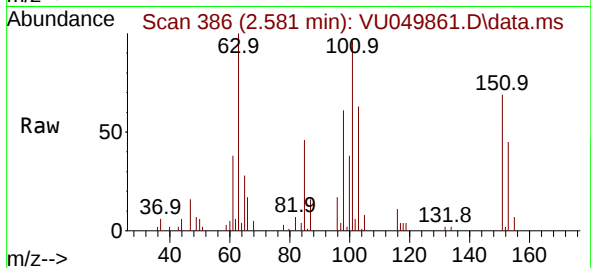
Tgt Ion: 96 Resp: 2725

Ion Ratio Lower Upper

96 100

61 228.0 131.6 244.4

63 593.2 100.0 185.6#



#18

trans-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049861.D

Acq: 22 Jul 2022 19:52

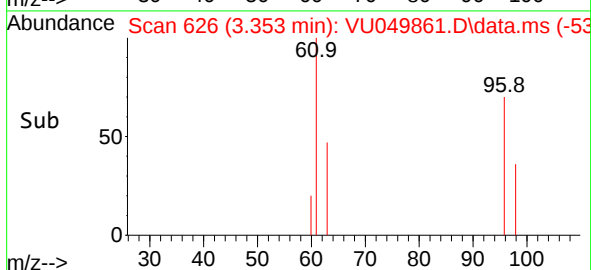
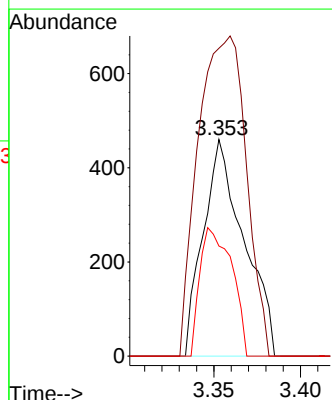
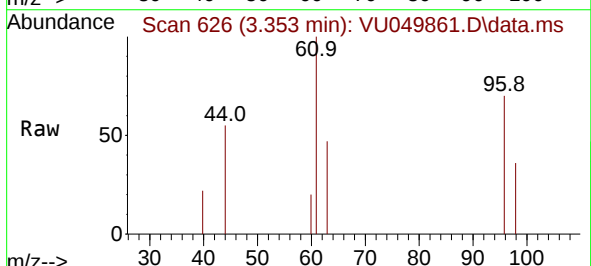
Tgt Ion: 96 Resp: 752

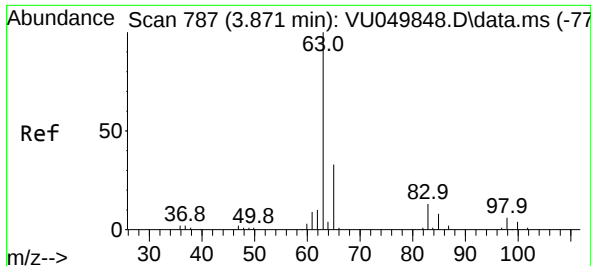
Ion Ratio Lower Upper

96 100

61 142.2 101.5 188.5

98 50.9 42.5 78.9





#19

1,1-Dichloroethane

Concen: 0.196 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU049861.D

Acq: 22 Jul 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

GBHY6

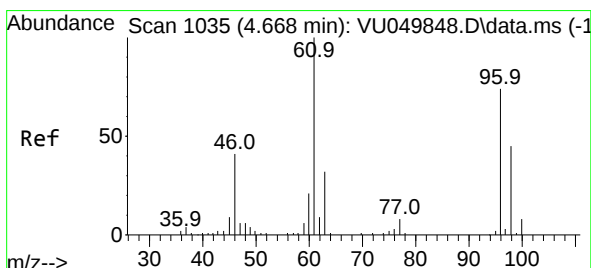
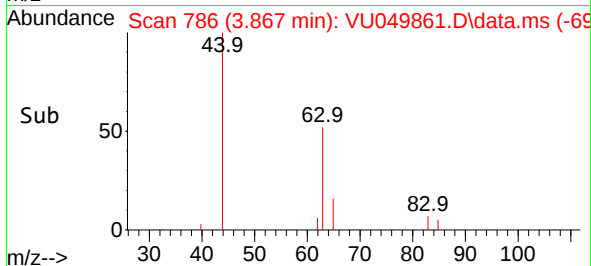
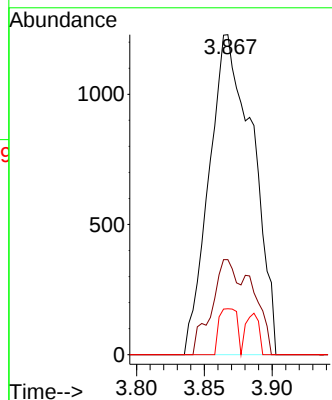
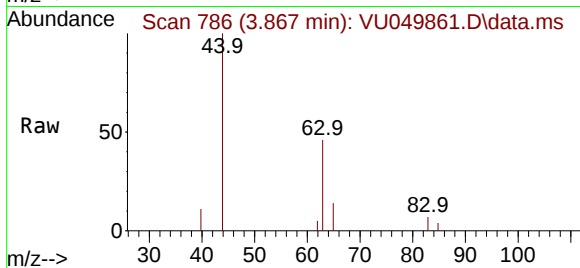
Tgt Ion: 63 Resp: 2753

Ion Ratio Lower Upper

63 100

65 29.7 22.5 41.9

83 14.3 8.3 15.5



#22

cis-1,2-Dichloroethene

Concen: 18.885 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049861.D

Acq: 22 Jul 2022 19:52

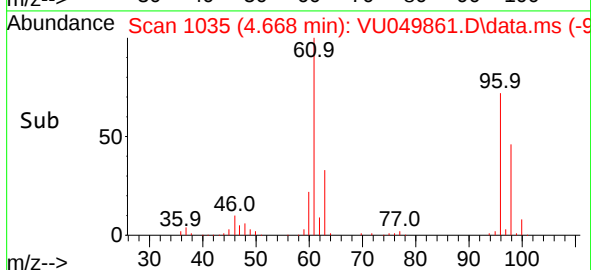
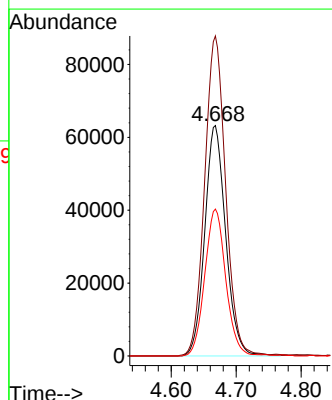
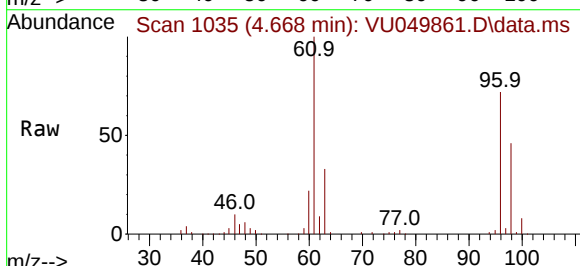
Tgt Ion: 96 Resp: 142049

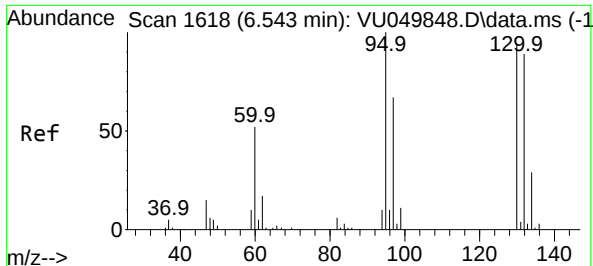
Ion Ratio Lower Upper

96 100

61 138.9 93.9 174.3

98 63.7 43.9 81.5





#34

Trichloroethene

Concen: 66.727 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049861.D

Acq: 22 Jul 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

GBHY6

Tgt Ion: 95 Resp: 483961

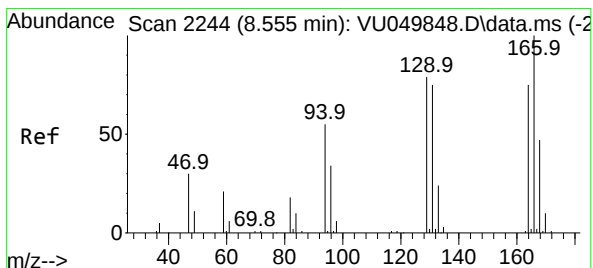
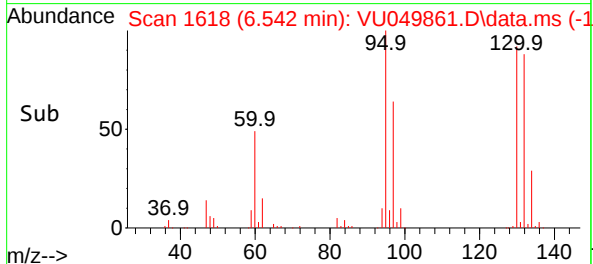
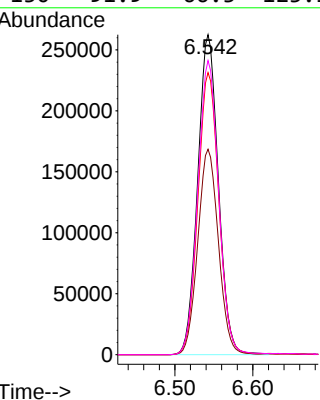
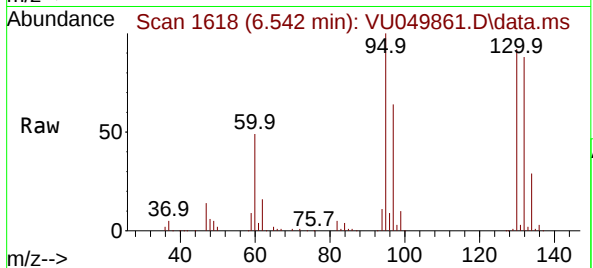
Ion Ratio Lower Upper

95 100

97 64.2 46.8 86.8

132 88.1 61.8 114.8

130 91.9 66.3 123.1



#47

Tetrachloroethene

Concen: 1.021 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU049861.D

Acq: 22 Jul 2022 19:52

Tgt Ion: 164 Resp: 5096

Ion Ratio Lower Upper

164 100

129 89.4 68.9 127.9

131 81.8 67.5 125.4

166 113.7 89.2 165.8

