

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053061.D
 Acq On : 11 Feb 2023 20:31
 Operator : JC/MD
 Sample : 01533-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM76

Quant Time: Feb 12 22:51:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

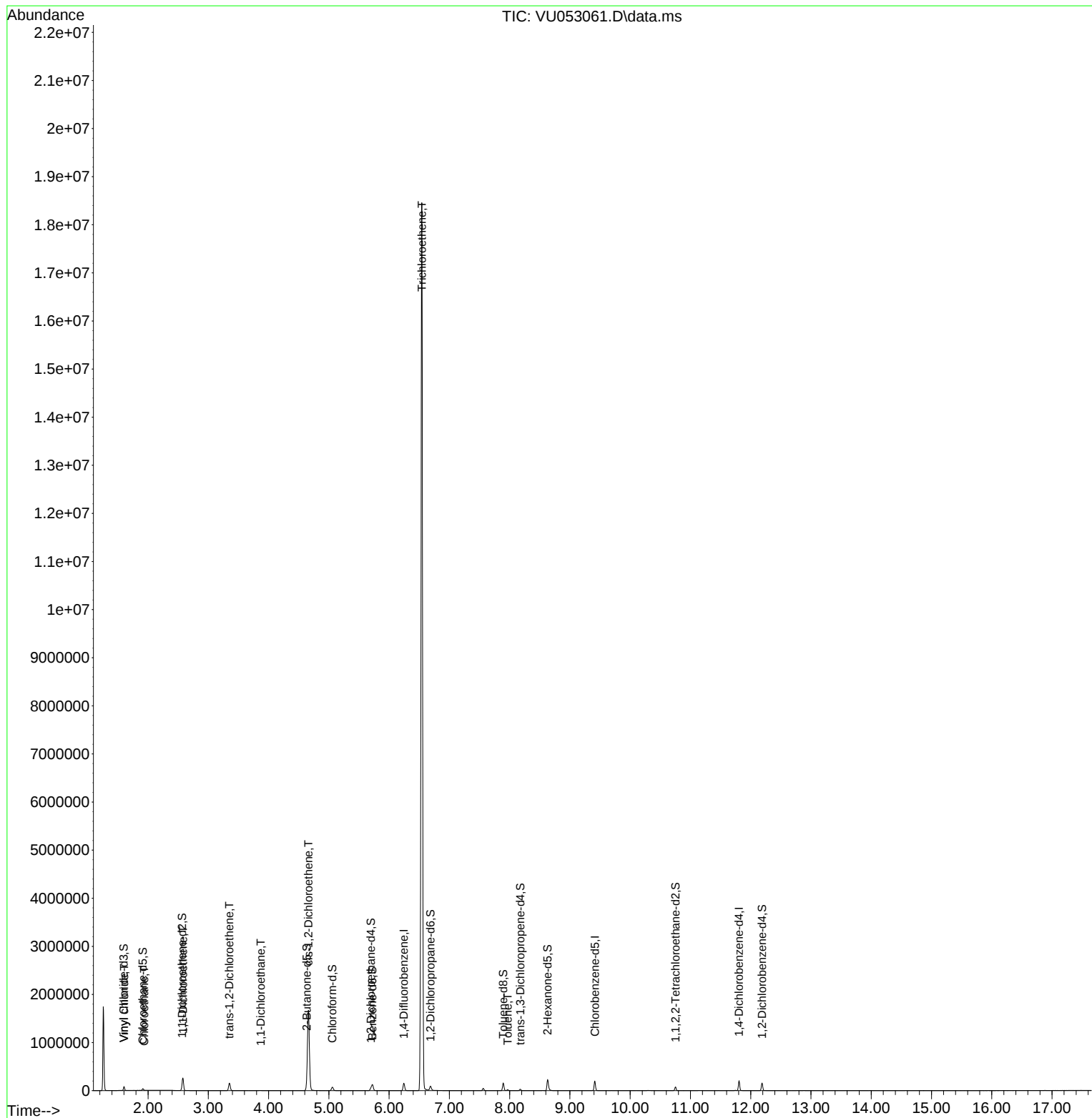
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	125405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	109323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	26007	4.329	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.913	69	26807	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.566	65	12064	4.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.633	46	100758	54.761	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.520%
24) Chloroform-d	5.058	84	63519	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.698	65	33957	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.723	84	121742	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.688	67	41726	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	106032	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.177	79	17339	5.006	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.630	63	83744	54.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	37323	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	40406	5.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	32262	3.053	ug/L	100
8) Chloroethane	1.936	64	2387	0.384	ug/L	98
12) 1,1-Dichloroethene	2.579	96	77186	10.404	ug/L	93
18) trans-1,2-Dichloroethene	3.350	96	64383	8.201	ug/L	98
19) 1,1-Dichloroethane	3.868	63	2025	0.137	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	847548	95.665	ug/L	98
34) Trichloroethene	6.543	95	6069100	684.681	ug/L	95
42) Toluene	7.968	91	13972	0.408	ug/L	100

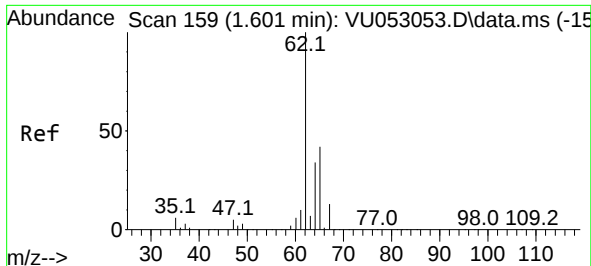
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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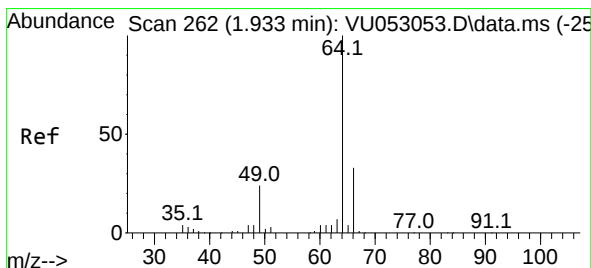
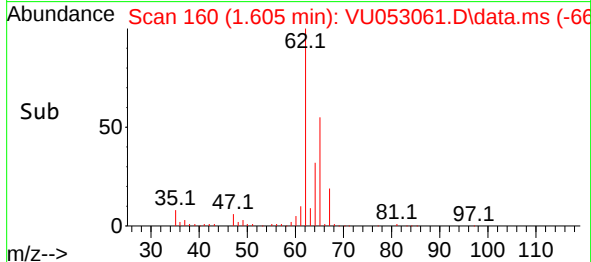
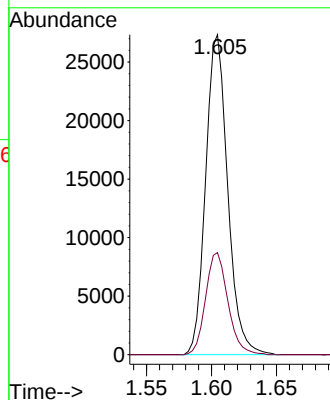
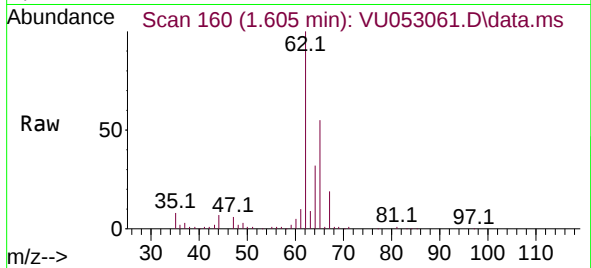




#5
 Vinyl chloride
 Concen: 3.053 ug/L
 RT: 1.605 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU053061.D
 Acq: 11 Feb 2023 20:31

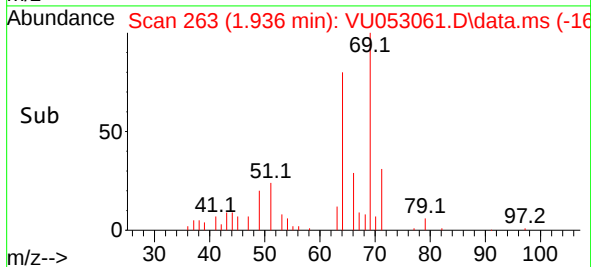
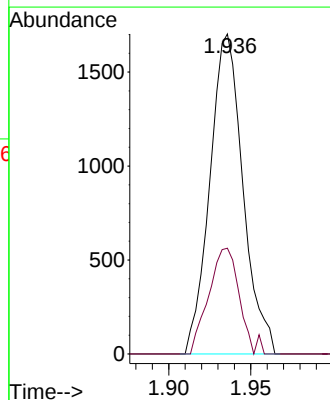
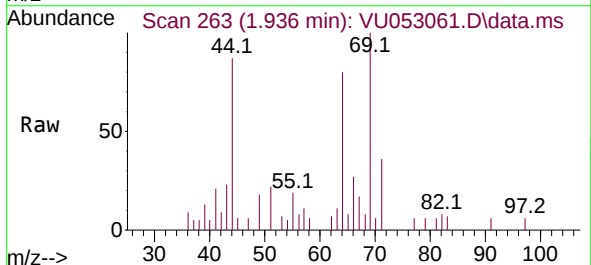
Instrument :
 MSVOA_U
 ClientSampleId :
 COM76

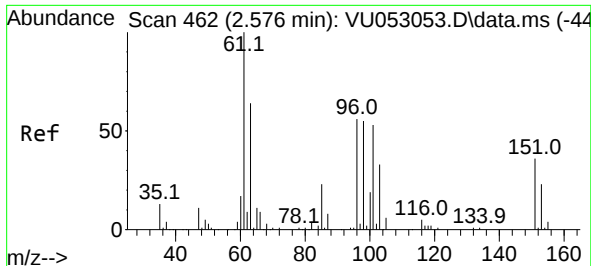
Tgt Ion: 62 Resp: 32262
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.5 41.9



#8
 Chloroethane
 Concen: 0.384 ug/L
 RT: 1.936 min Scan# 263
 Delta R.T. 0.003 min
 Lab File: VU053061.D
 Acq: 11 Feb 2023 20:31

Tgt Ion: 64 Resp: 2387
 Ion Ratio Lower Upper
 64 100
 66 33.1 23.9 44.3





#12

1,1-Dichloroethene

Concen: 10.404 ug/L

RT: 2.579 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU053061.D

Acq: 11 Feb 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

COM76

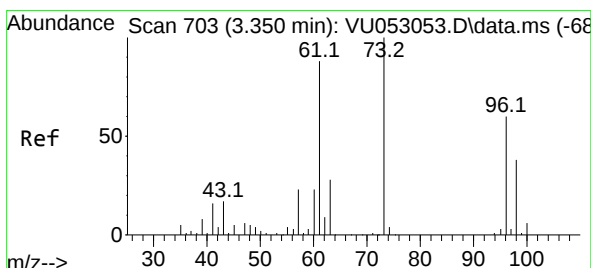
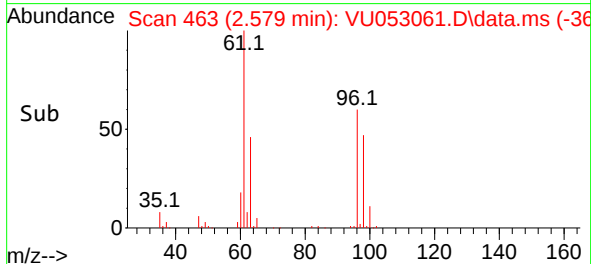
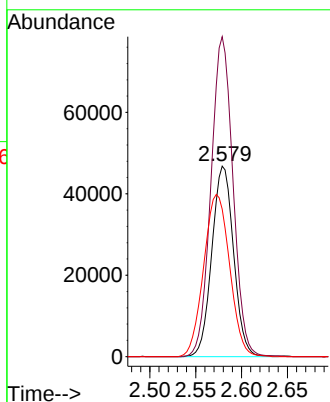
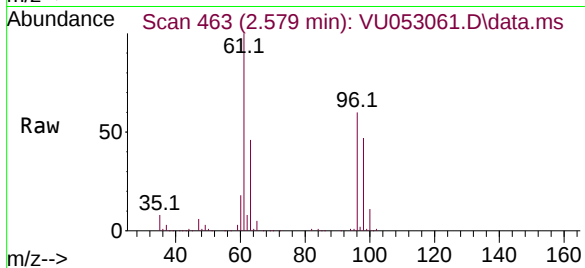
Tgt Ion: 96 Resp: 77186

Ion Ratio Lower Upper

96 100

61 167.9 115.1 213.7

63 77.4 63.6 118.0



#18

trans-1,2-Dichloroethene

Concen: 8.201 ug/L

RT: 3.350 min Scan# 703

Delta R.T. 0.000 min

Lab File: VU053061.D

Acq: 11 Feb 2023 20:31

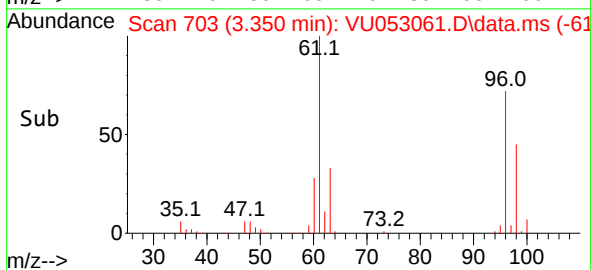
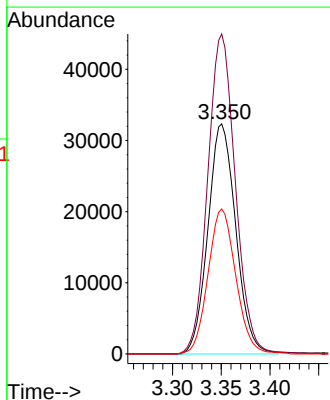
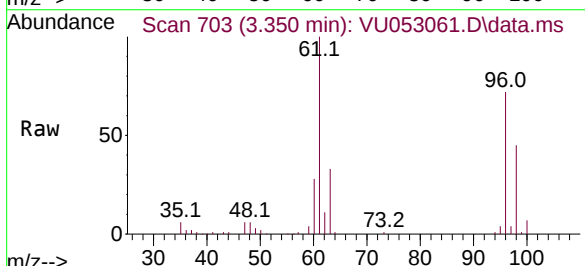
Tgt Ion: 96 Resp: 64383

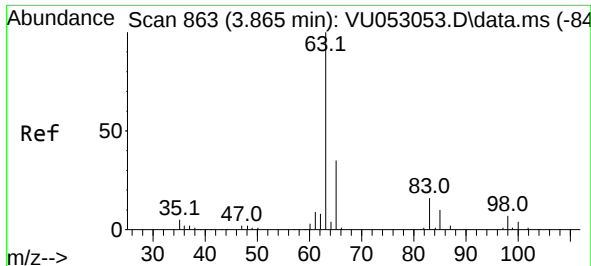
Ion Ratio Lower Upper

96 100

61 139.1 99.5 184.9

98 63.0 44.8 83.2





#19

1,1-Dichloroethane

Concen: 0.137 ug/L

RT: 3.868 min Scan# 864

Delta R.T. 0.003 min

Lab File: VU053061.D

Acq: 11 Feb 2023 20:31

Instrument :

MSVOA_U

ClientSampleId :

COM76

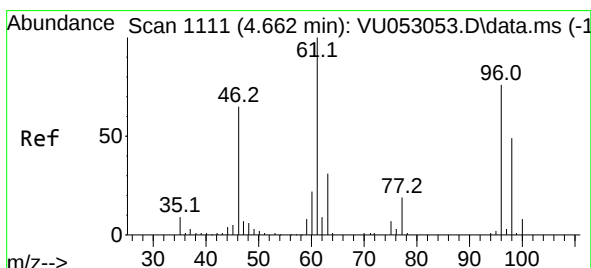
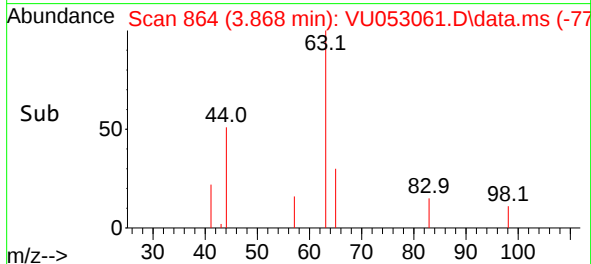
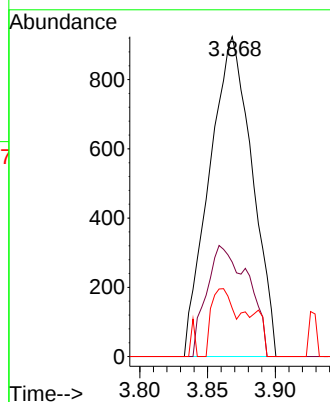
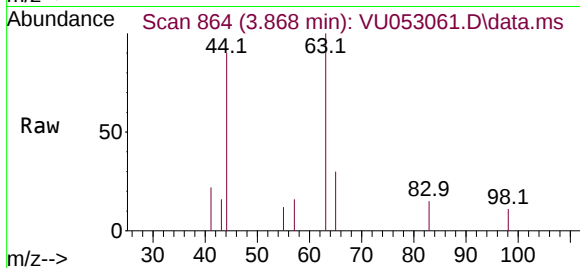
Tgt Ion: 63 Resp: 2025

Ion Ratio Lower Upper

63 100

65 29.5 22.3 41.3

83 15.2 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 95.665 ug/L

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053061.D

Acq: 11 Feb 2023 20:31

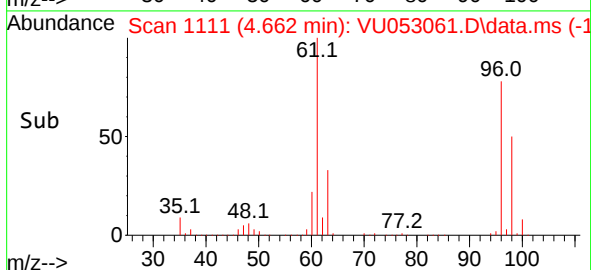
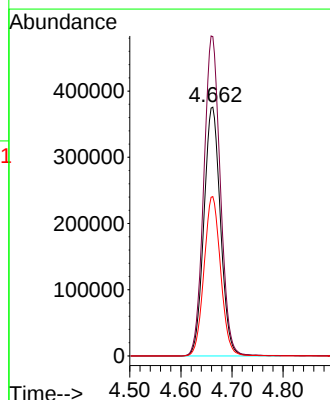
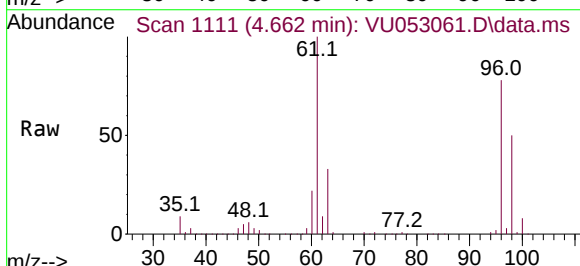
Tgt Ion: 96 Resp: 847548

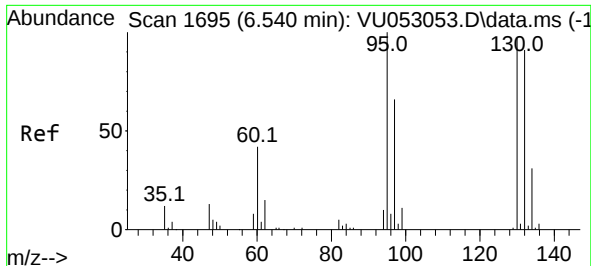
Ion Ratio Lower Upper

96 100

61 128.3 90.9 168.9

98 64.1 47.0 87.4

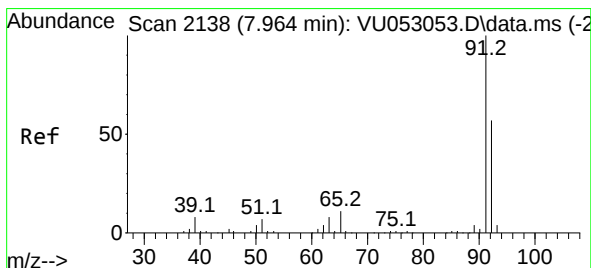
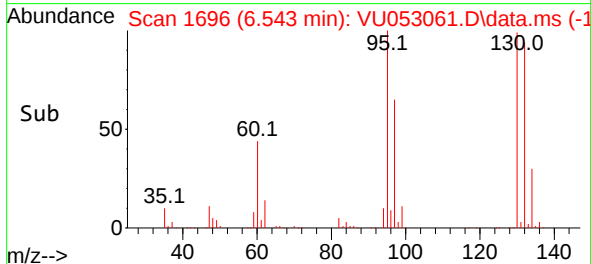
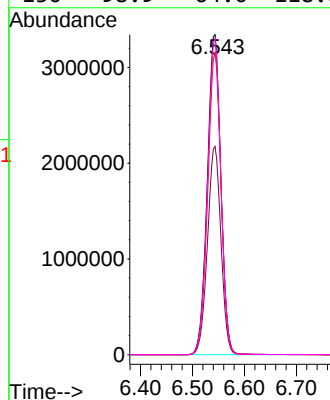
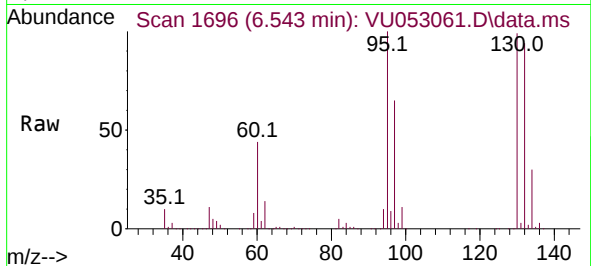




#34
Trichloroethene
Concen: 684.681 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053061.D
Acq: 11 Feb 2023 20:31

Instrument :
MSVOA_U
ClientSampleId :
COM76

Tgt Ion: 95 Resp: 6069100
Ion Ratio Lower Upper
95 100
97 65.0 44.7 82.9
132 94.3 62.3 115.7
130 98.9 64.0 118.8



#42
Toluene
Concen: 0.408 ug/L
RT: 7.968 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU053061.D
Acq: 11 Feb 2023 20:31

Tgt Ion: 91 Resp: 13972
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.3

