

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053058.D
 Acq On : 11 Feb 2023 19:18
 Operator : JC/MD
 Sample : 01533-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM18

Quant Time: Feb 12 22:50:55 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)

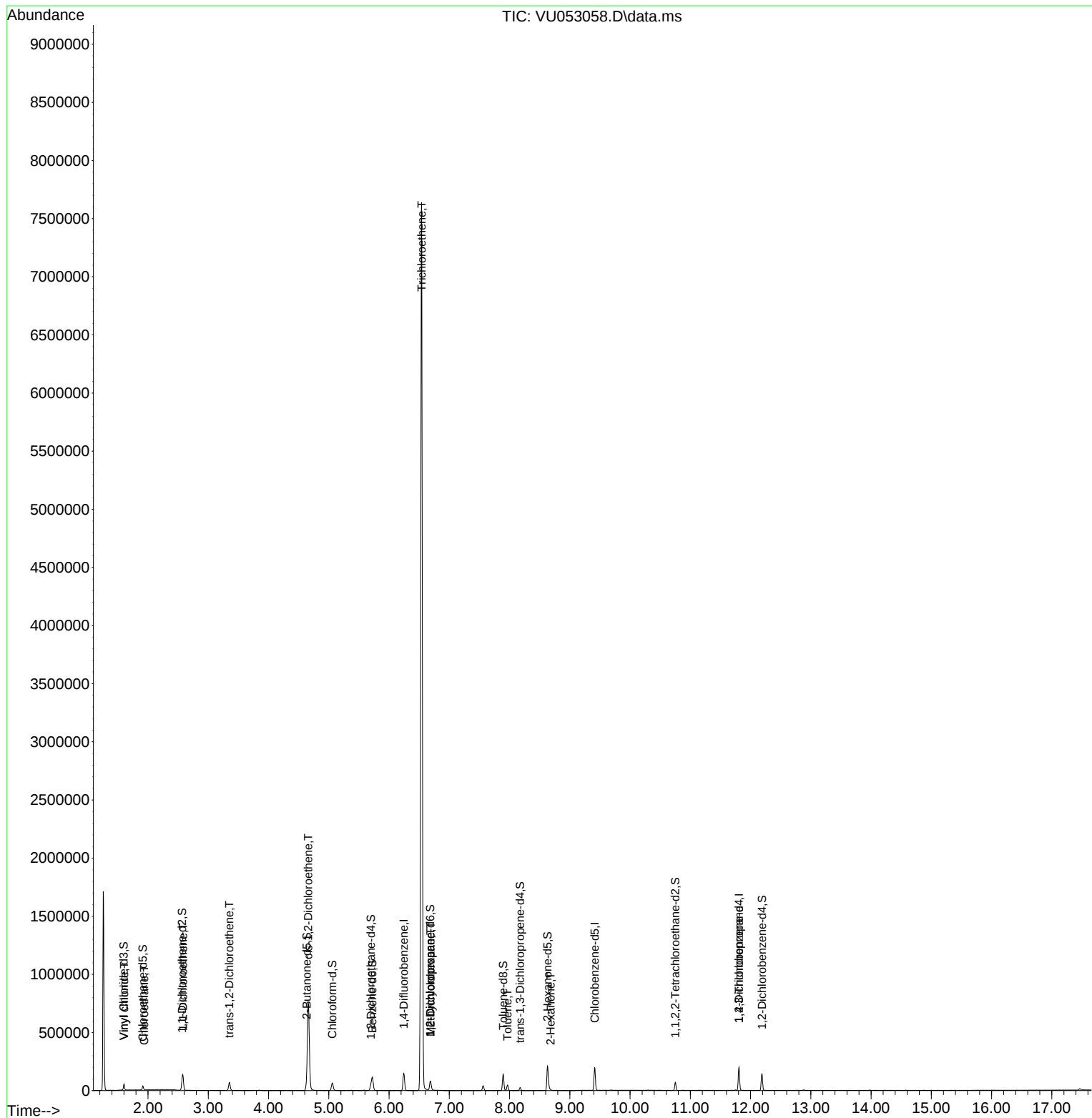
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	122390	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	106065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23187	3.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.913	69	24012	4.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.566	65	11146	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.637	46	94374	52.555	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.120%
24) Chloroform-d	5.058	84	58668	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.698	65	31239	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.723	84	112208	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	39398	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.894	98	95138	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.173	79	15386	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.630	63	77563	51.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34841	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	36732	4.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	14644	1.420	ug/L	94
8) Chloroethane	1.936	64	1220	0.201	ug/L	93
12) 1,1-Dichloroethene	2.579	96	35055	4.841	ug/L	90
18) trans-1,2-Dichloroethene	3.350	96	28531	3.724	ug/L	97
22) cis-1,2-Dichloroethene	4.659	96	373991	43.253	ug/L	99
34) Trichloroethene	6.540	95	2546316	296.084	ug/L	97
35) Methylcyclohexane	6.688	83	9217	0.662	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	3901	0.469	ug/L #	90
42) Toluene	7.968	91	35380	1.066	ug/L	100
48) 2-Hexanone	8.681	43	3055	0.958	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	6462	1.335	ug/L #	65

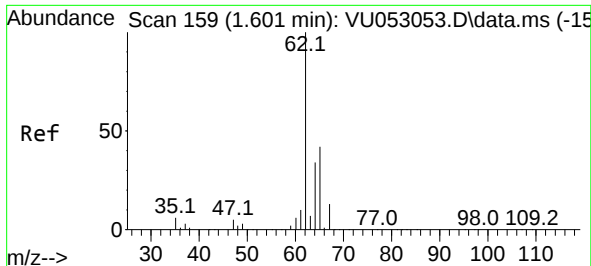
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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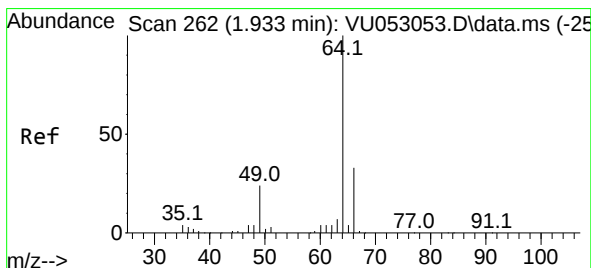
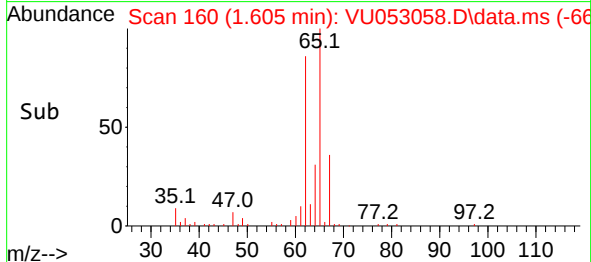
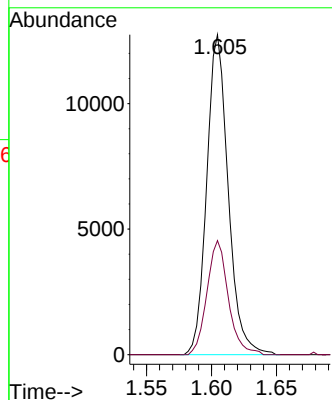
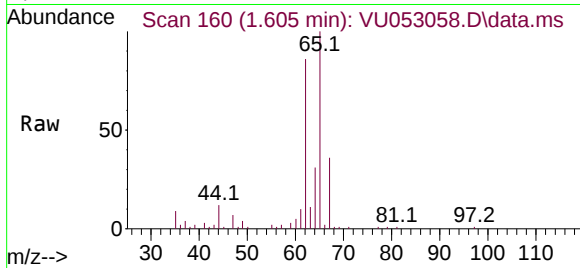




#5
 Vinyl chloride
 Concen: 1.420 ug/L
 RT: 1.605 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU053058.D
 Acq: 11 Feb 2023 19:18

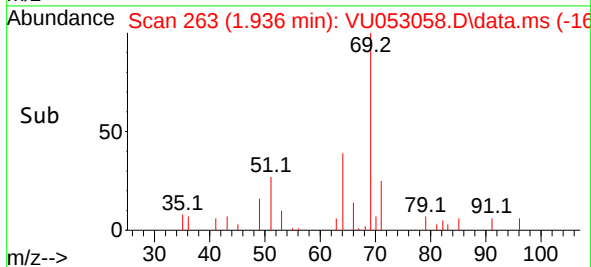
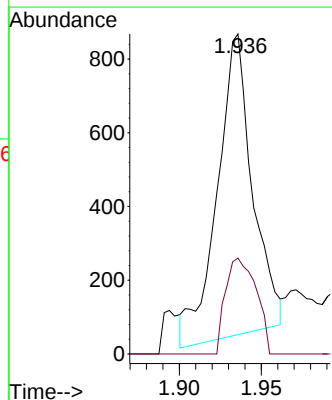
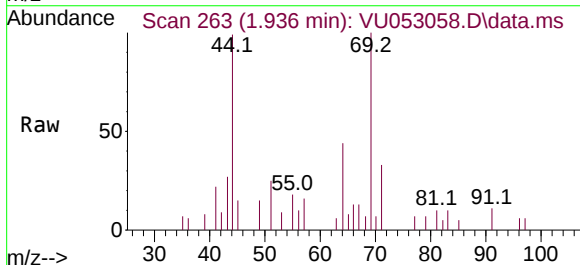
Instrument :
 MSVOA_U
 ClientSampleId :
 COM18

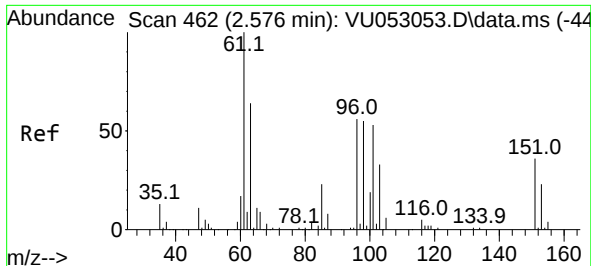
Tgt Ion: 62 Resp: 14644
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.5 41.9



#8
 Chloroethane
 Concen: 0.201 ug/L
 RT: 1.936 min Scan# 263
 Delta R.T. 0.003 min
 Lab File: VU053058.D
 Acq: 11 Feb 2023 19:18

Tgt Ion: 64 Resp: 1220
 Ion Ratio Lower Upper
 64 100
 66 30.0 23.9 44.3





#12

1,1-Dichloroethene

Concen: 4.841 ug/L

RT: 2.579 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU053058.D

Acq: 11 Feb 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :

COM18

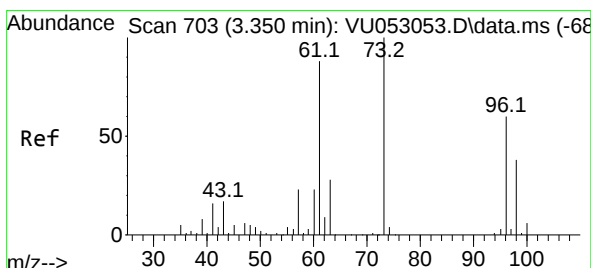
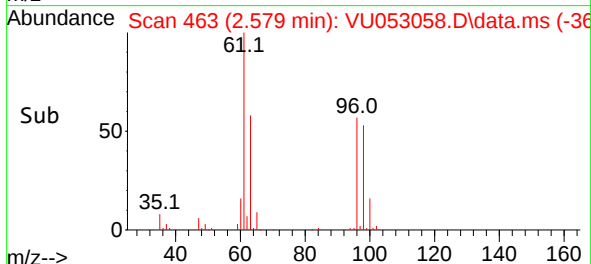
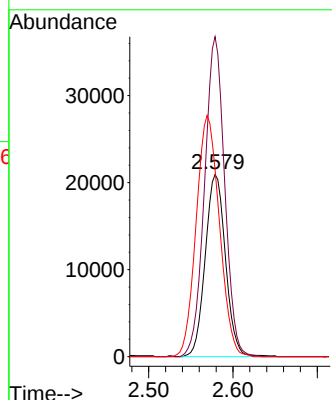
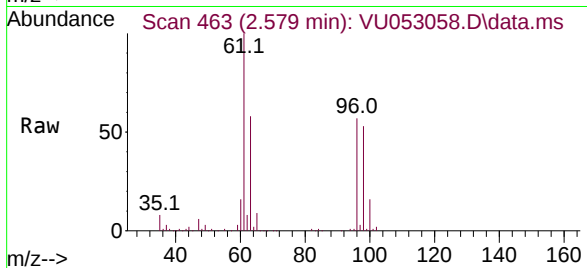
Tgt Ion: 96 Resp: 35055

Ion Ratio Lower Upper

96 100

61 175.6 115.1 213.7

63 102.6 63.6 118.0



#18

trans-1,2-Dichloroethene

Concen: 3.724 ug/L

RT: 3.350 min Scan# 703

Delta R.T. -0.000 min

Lab File: VU053058.D

Acq: 11 Feb 2023 19:18

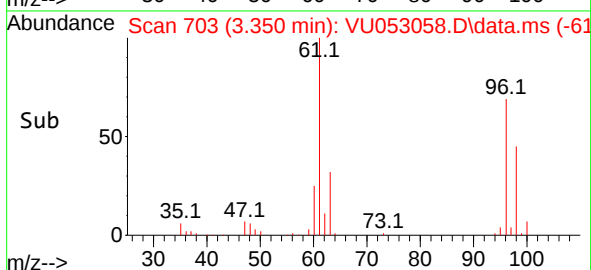
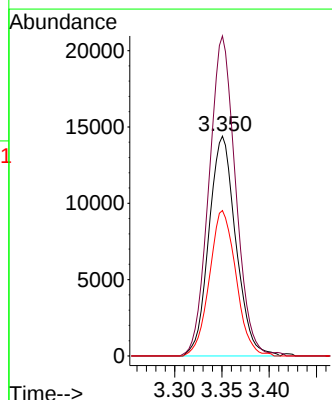
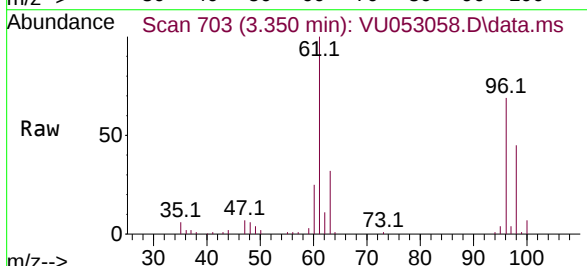
Tgt Ion: 96 Resp: 28531

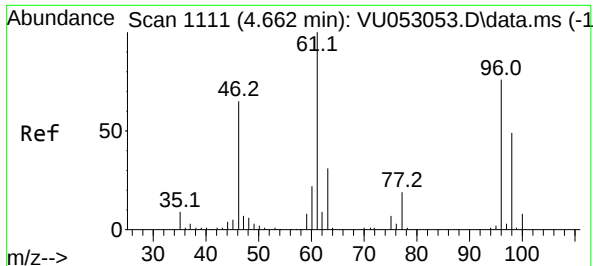
Ion Ratio Lower Upper

96 100

61 145.5 99.5 184.9

98 66.1 44.8 83.2





#22

cis-1,2-Dichloroethene

Concen: 43.253 ug/L

RT: 4.659 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VU053058.D

Acq: 11 Feb 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :

COM18

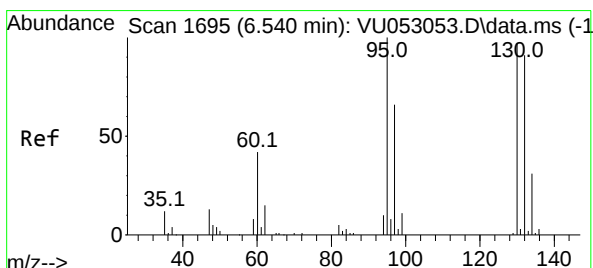
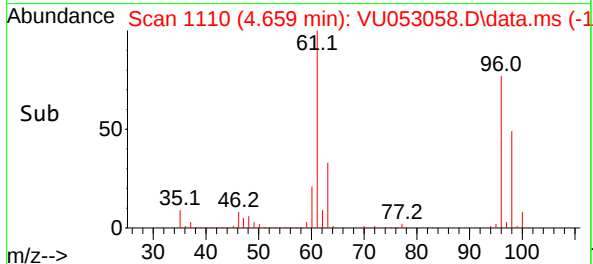
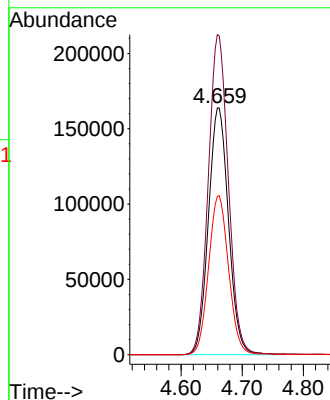
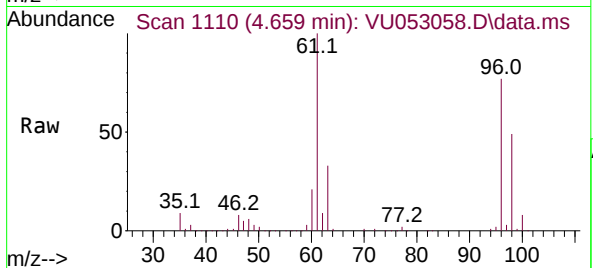
Tgt Ion: 96 Resp: 373991

Ion Ratio Lower Upper

96 100

61 129.7 90.9 168.9

98 64.2 47.0 87.4



#34

Trichloroethene

Concen: 296.084 ug/L

RT: 6.540 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU053058.D

Acq: 11 Feb 2023 19:18

Tgt Ion: 95 Resp: 2546316

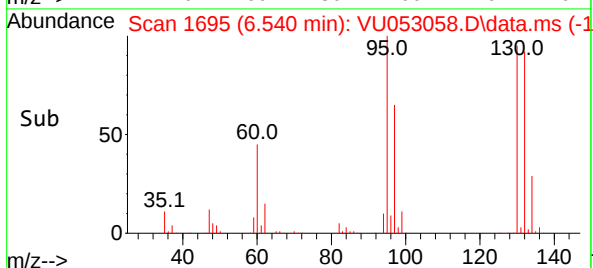
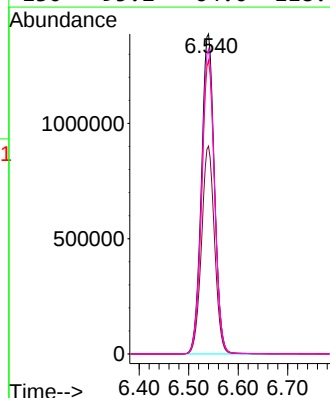
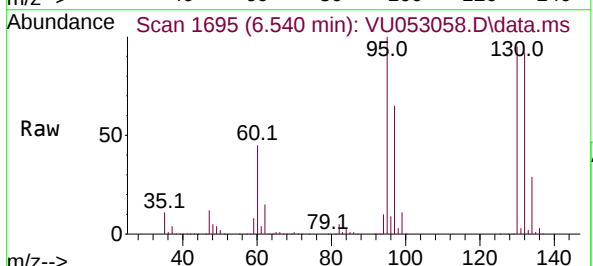
Ion Ratio Lower Upper

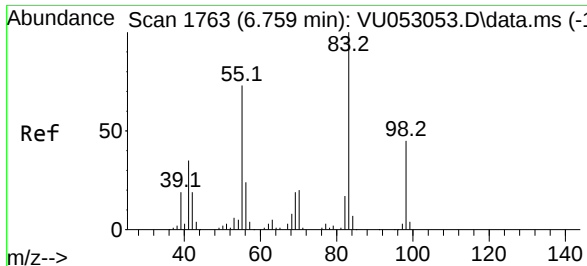
95 100

97 65.0 44.7 82.9

132 91.8 62.3 115.7

130 95.2 64.0 118.8

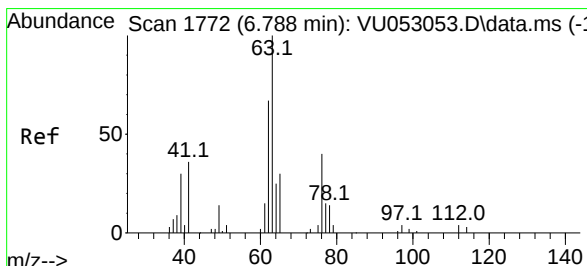
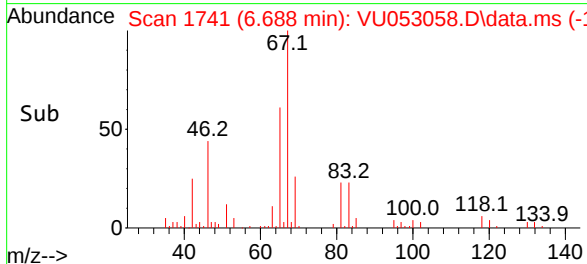
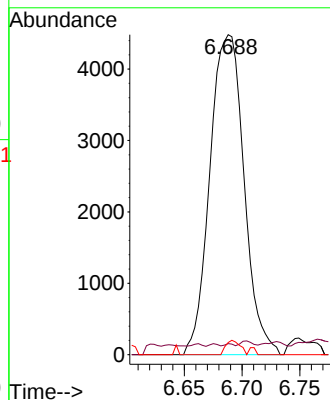
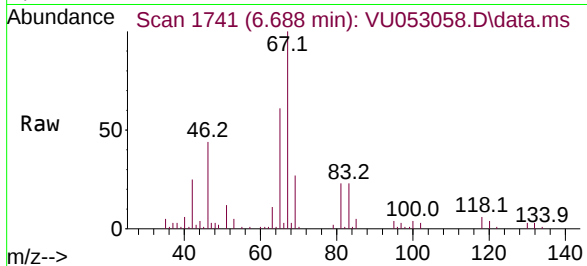




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053058.D
Acq: 11 Feb 2023 19:18

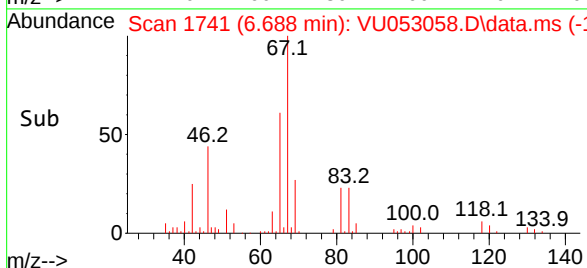
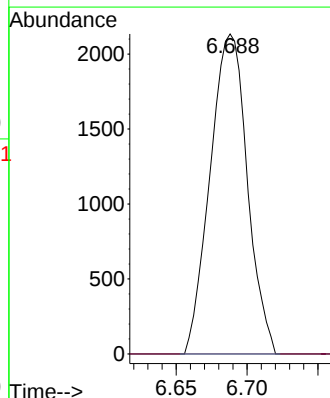
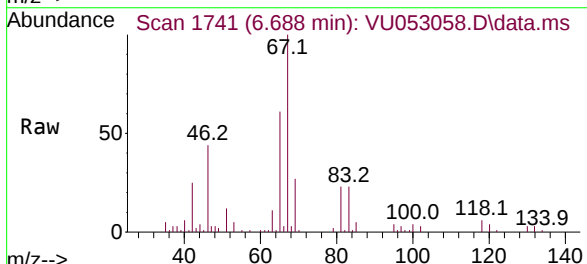
Instrument :
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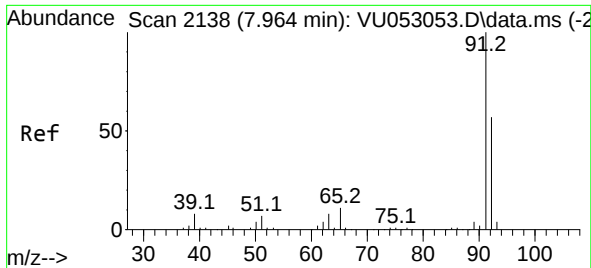
Tgt Ion: 83 Resp: 9217
Ion Ratio Lower Upper
83 100
55 0.2 57.9 86.9#
98 0.0 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.100 min
Lab File: VU053058.D
Acq: 11 Feb 2023 19:18

Tgt Ion: 63 Resp: 3901
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#42

Toluene

Concen: 1.066 ug/L

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053058.D

Acq: 11 Feb 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :

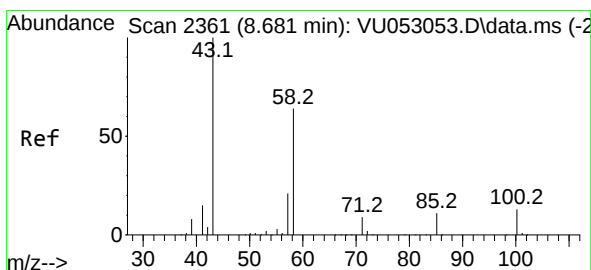
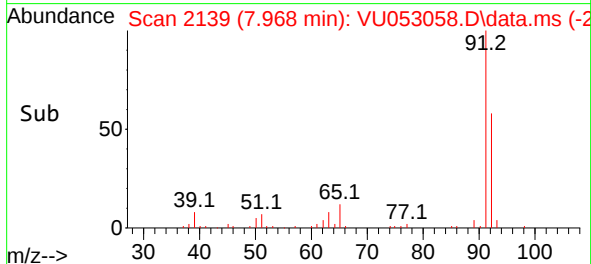
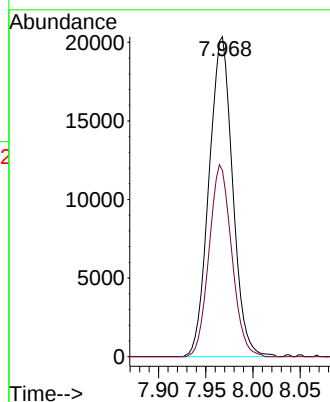
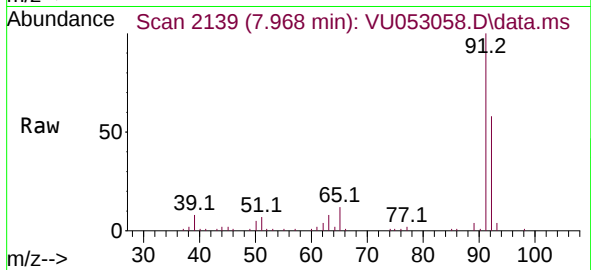
COM18

Tgt Ion: 91 Resp: 35380

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.3



#48

2-Hexanone

Concen: 0.958 ug/L

RT: 8.681 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU053058.D

Acq: 11 Feb 2023 19:18

Tgt Ion: 43 Resp: 3055

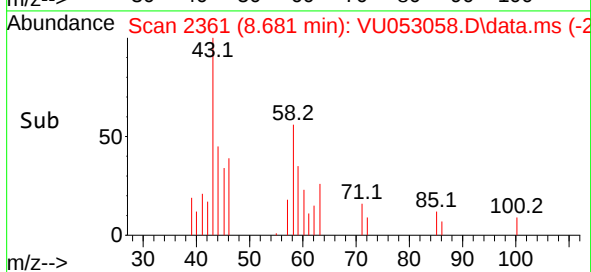
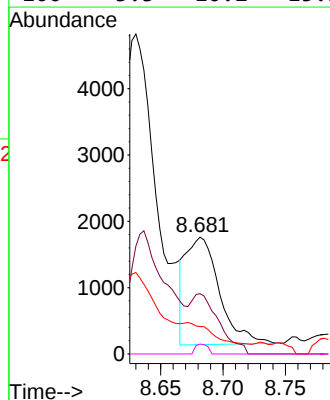
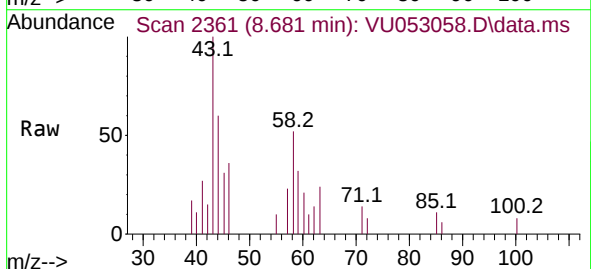
Ion Ratio Lower Upper

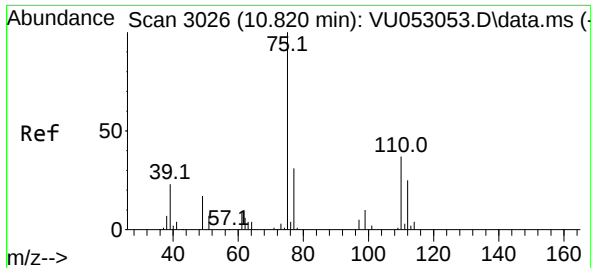
43 100

58 45.1 50.3 75.5#

57 4.4 17.4 26.0#

100 3.3 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.335 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053058.D

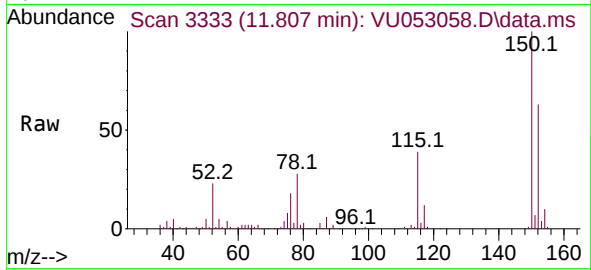
Acq: 11 Feb 2023 19:18

Instrument :

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Tgt Ion: 75 Resp: 6462

Ion Ratio Lower Upper

75 100

110 0.7 28.6 42.8#

77 39.9 27.6 41.4

