

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054240.D
 Acq On : 22 May 2023 12:19
 Operator : JC/MD
 Sample : 02874-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONY7

Quant Time: May 22 13:06:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

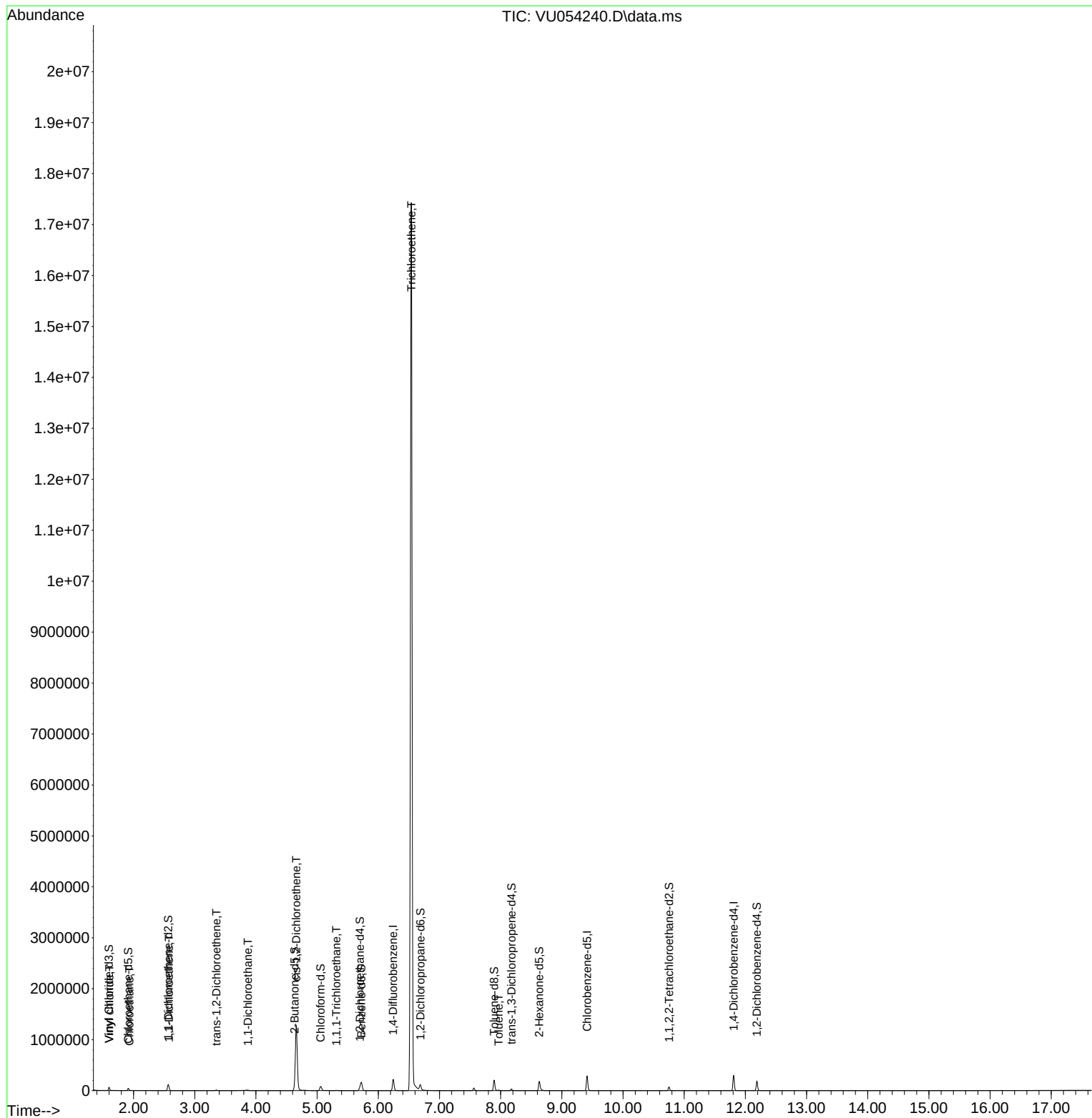
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	178899	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	170136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40674	4.217	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.913	69	33565	4.652	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.565	65	18969	4.355	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.633	46	97592	56.739	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.480%	
24) Chloroform-d	5.057	84	78040	4.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.700	65	38551	4.621	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.723	84	158624	4.578	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.687	67	48643	4.857	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.893	98	139888	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.176	79	18429	4.556	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.629	63	65368	54.277	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.560%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35618	4.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	51110	4.950	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
5) Vinyl chloride	1.604	62	10205	0.766	ug/L #	80
8) Chloroethane	1.932	64	2955	0.350	ug/L	100
12) 1,1-Dichloroethene	2.578	96	13461	1.229	ug/L #	51
18) trans-1,2-Dichloroethene	3.356	96	4645	0.417	ug/L	96
19) 1,1-Dichloroethane	3.867	63	7317	0.328	ug/L	99
22) cis-1,2-Dichloroethene	4.658	96	675945	51.906	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	4504	0.211	ug/L	90
34) Trichloroethene	6.539	95	6008834	463.972	ug/L	97
42) Toluene	7.967	91	8214	0.161	ug/L	92

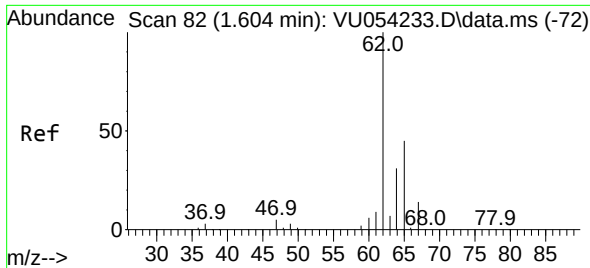
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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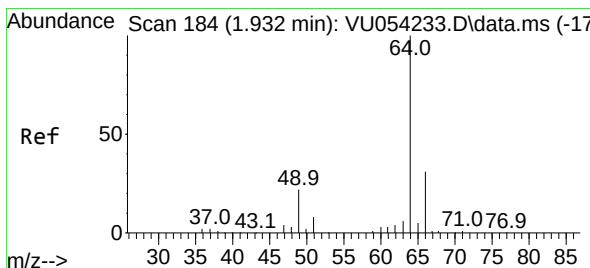
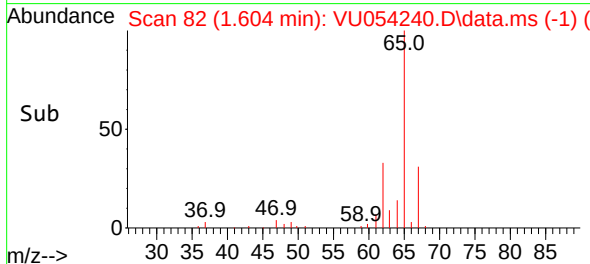
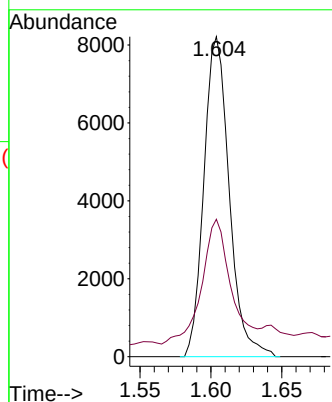
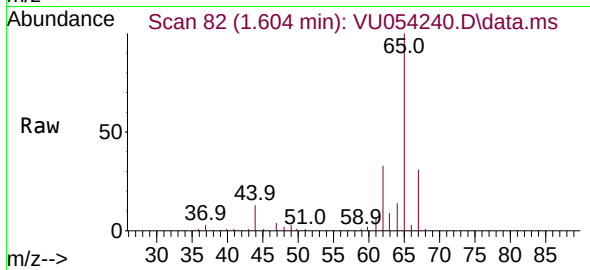




#5
 Vinyl chloride
 Concen: 0.766 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU054240.D
 Acq: 22 May 2023 12:19

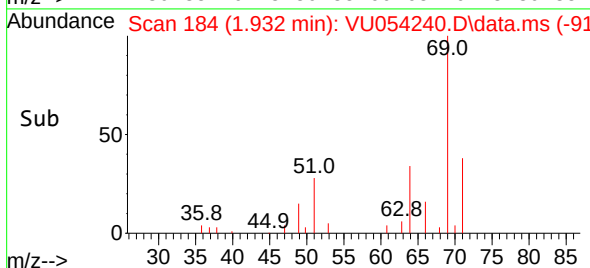
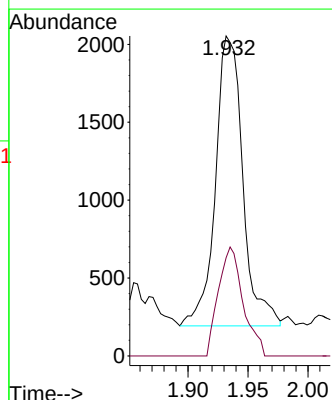
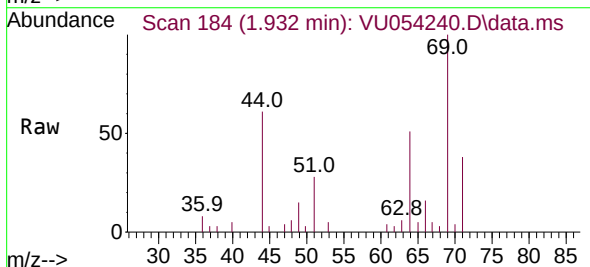
Instrument :
 MSVOA_U
 ClientSampleId :
 CONY7

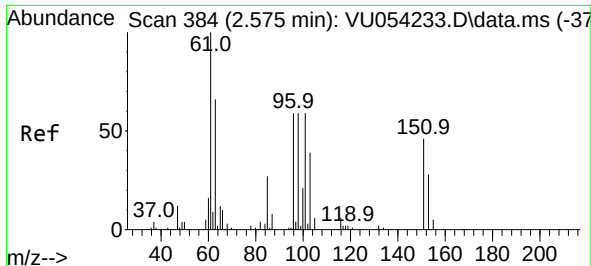
Tgt Ion: 62 Resp: 10205
 Ion Ratio Lower Upper
 62 100
 64 42.9 22.4 41.6#



#8
 Chloroethane
 Concen: 0.350 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. 0.000 min
 Lab File: VU054240.D
 Acq: 22 May 2023 12:19

Tgt Ion: 64 Resp: 2955
 Ion Ratio Lower Upper
 64 100
 66 30.7 21.6 40.0





#12

1,1-Dichloroethene

Concen: 1.229 ug/L

RT: 2.578 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

Instrument :

MSVOA_U

ClientSampleId :

CONY7

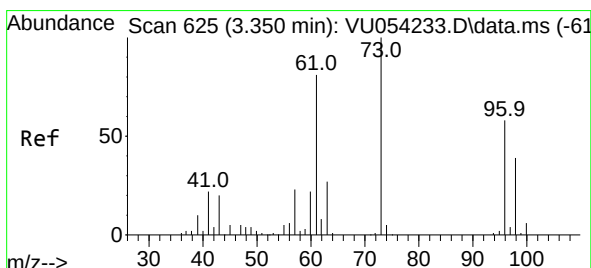
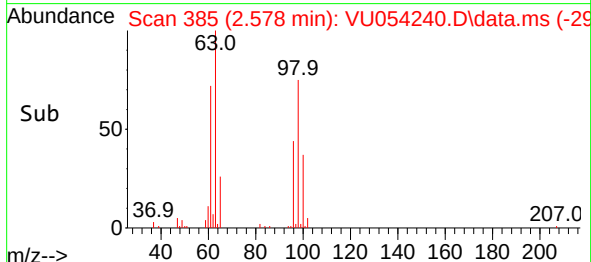
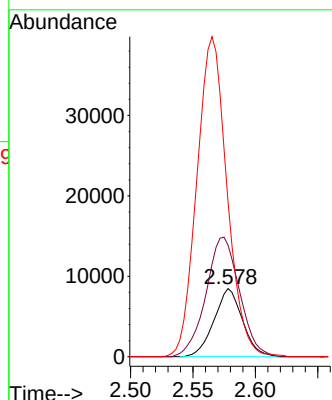
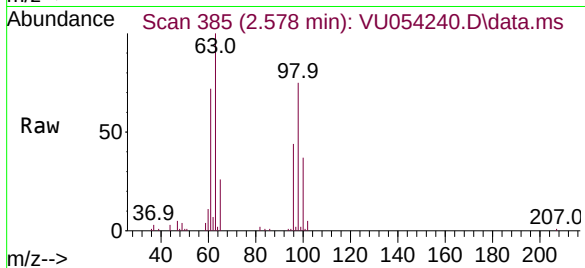
Tgt Ion: 96 Resp: 13461

Ion Ratio Lower Upper

96 100

61 163.7 114.7 212.9

63 227.3 68.6 127.4#



#18

trans-1,2-Dichloroethene

Concen: 0.417 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.006 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

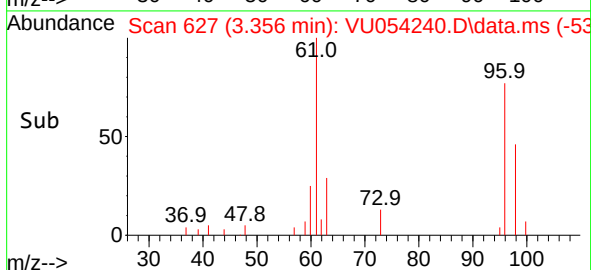
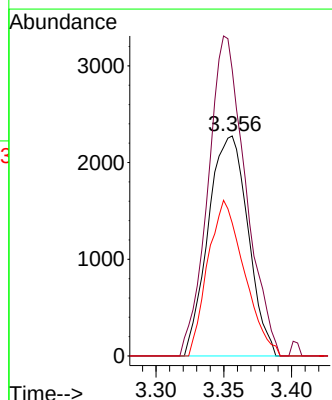
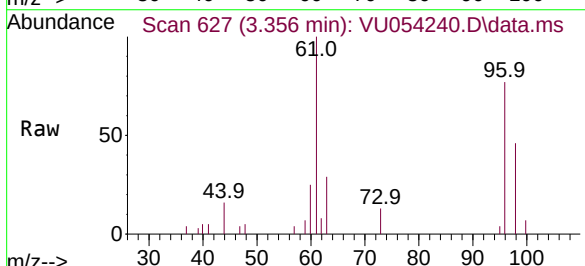
Tgt Ion: 96 Resp: 4645

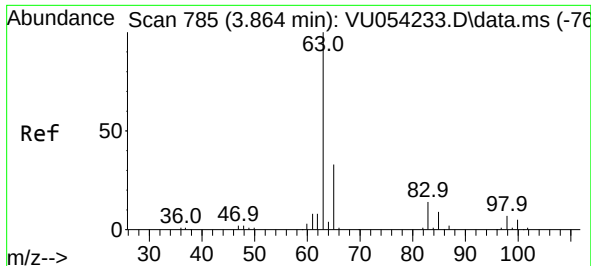
Ion Ratio Lower Upper

96 100

61 130.1 94.1 174.8

98 60.4 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.328 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

Instrument :

MSVOA_U

ClientSampleId :

CONY7

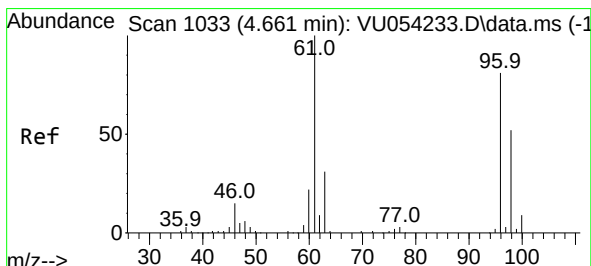
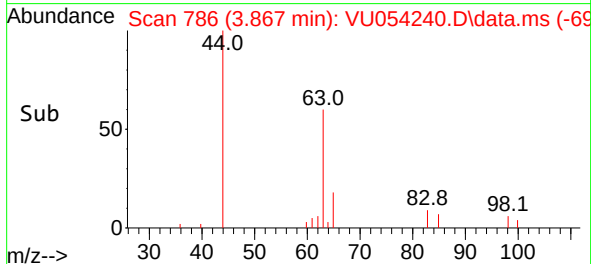
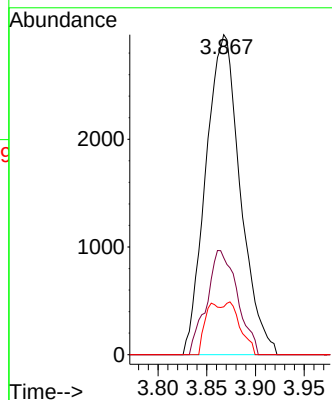
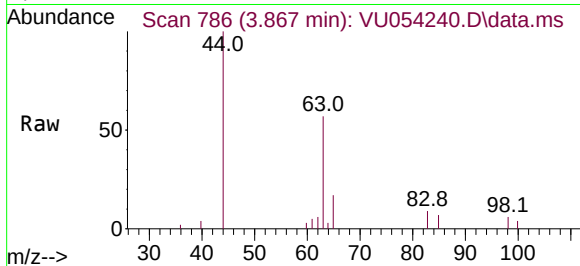
Tgt Ion: 63 Resp: 7317

Ion Ratio Lower Upper

63 100

65 30.3 20.7 38.5

83 14.9 10.1 18.7



#22

cis-1,2-Dichloroethene

Concen: 51.906 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

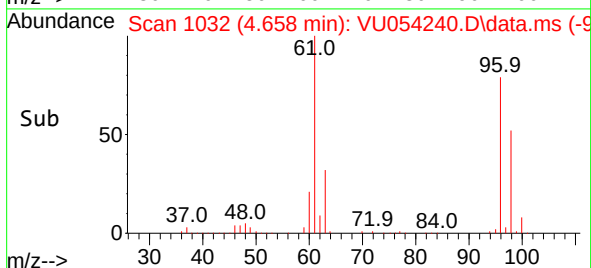
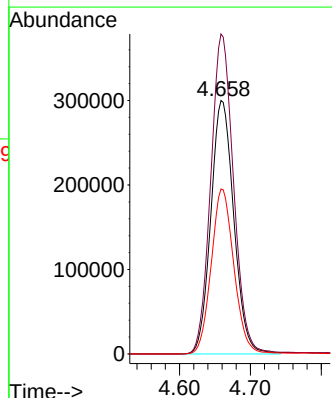
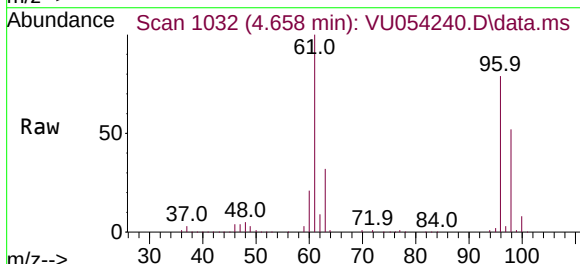
Tgt Ion: 96 Resp: 675945

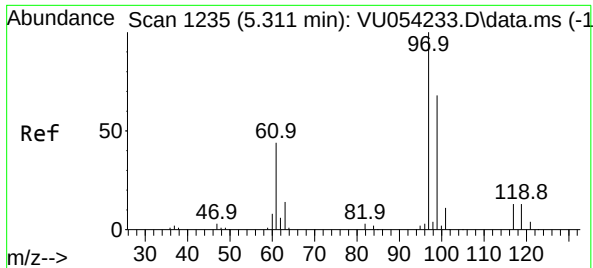
Ion Ratio Lower Upper

96 100

61 126.3 85.0 157.8

98 65.1 45.8 85.0





#29

1,1,1-Trichloroethane

Concen: 0.211 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

Instrument :

MSVOA_U

ClientSampleId :

CONY7

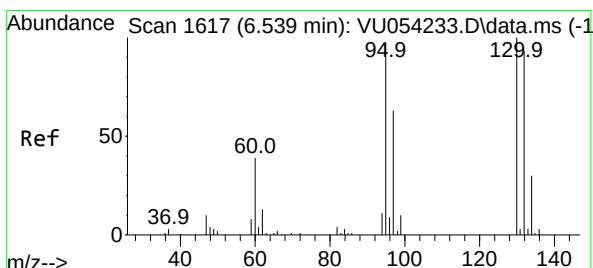
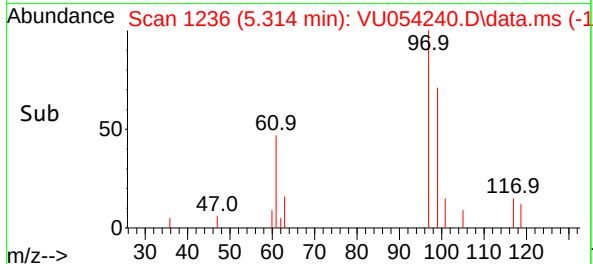
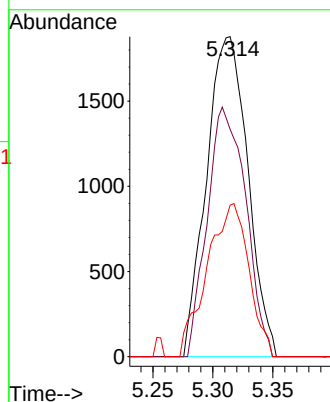
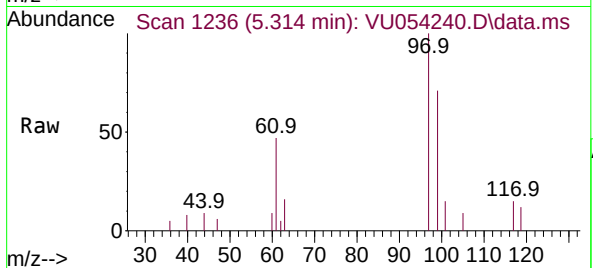
Tgt Ion: 97 Resp: 4504

Ion Ratio Lower Upper

97 100

99 72.7 51.8 77.6

61 48.3 33.4 50.2



#34

Trichloroethene

Concen: 463.972 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

Tgt Ion: 95 Resp: 6008834

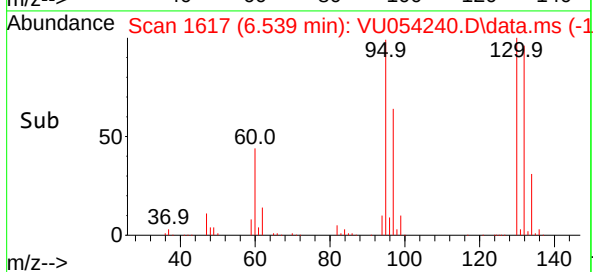
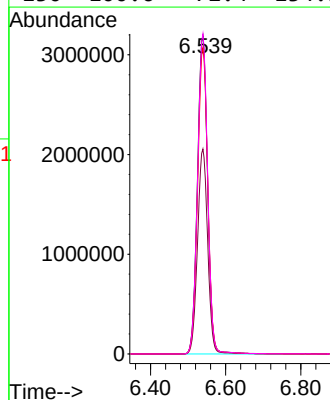
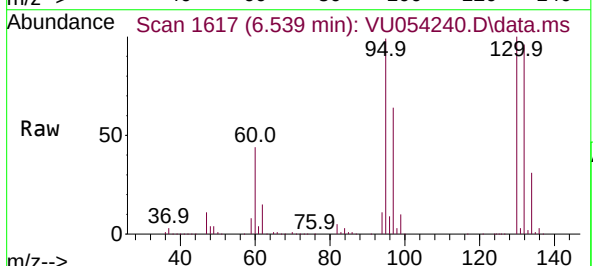
Ion Ratio Lower Upper

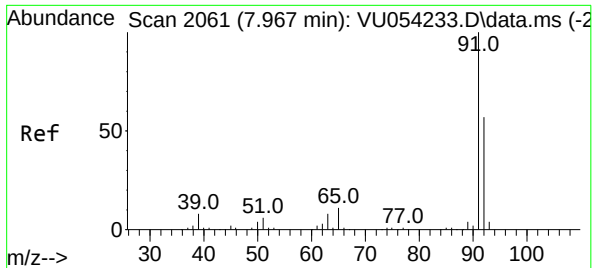
95 100

97 64.4 45.8 85.0

132 96.2 70.1 130.3

130 100.6 72.4 134.5





#42
Toluene
Concen: 0.161 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU054240.D
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Instrument :
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Tgt Ion: 91 Resp: 8214
Ion Ratio Lower Upper
91 100
92 54.2 42.1 78.1

