

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050100.D
 Acq On : 05 Aug 2022 16:40
 Operator : SY/MD
 Sample : N4027-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH3

Quant Time: Aug 06 04:36:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

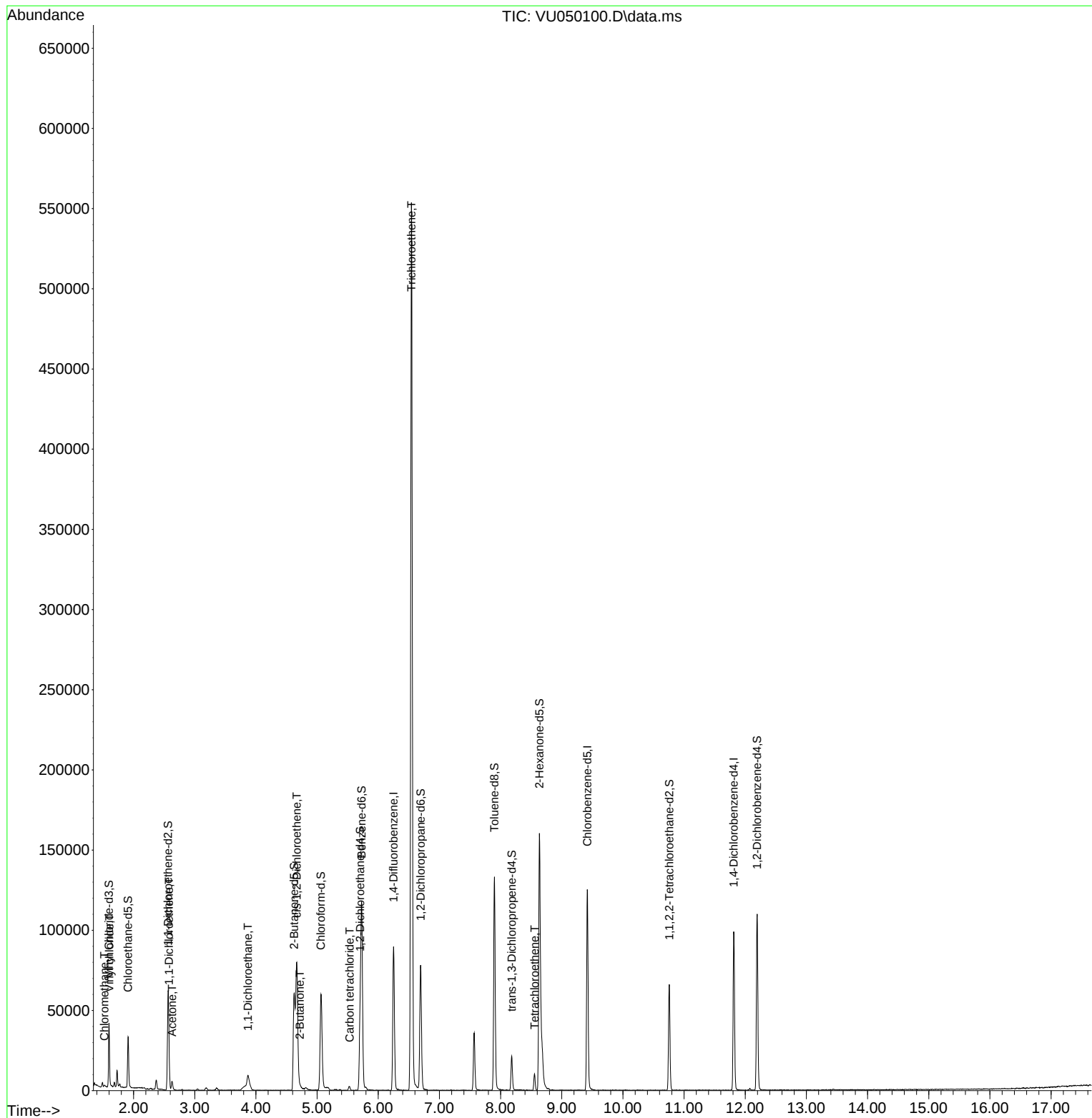
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75202	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	74309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27786	4.440	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.909	69	24208	4.794	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.565	65	11244	4.597	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	4.623	46	86521	56.692	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.380%	
24) Chloroform-d	5.063	84	56964	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.703	65	31116	5.206	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.729	84	113793	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.693	67	39800	5.212	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.899	98	92502	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.182	79	13631	4.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.600%	
46) 2-Hexanone-d5	8.636	63	52714	54.323	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35108	5.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31248	5.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1170	0.130	ug/L #	81
5) Vinyl chloride	1.604	62	1119	0.139	ug/L #	47
12) 1,1-Dichloroethene	2.578	96	3127	0.602	ug/L #	1
13) Acetone	2.629	43	6303	7.416	ug/L	89
19) 1,1-Dichloroethane	3.870	63	7984	0.724	ug/L	95
21) 2-Butanone	4.719	43	2147	1.405	ug/L	86
22) cis-1,2-Dichloroethene	4.668	96	40213	6.225	ug/L	96
31) Carbon tetrachloride	5.533	117	1844	0.247	ug/L	85
34) Trichloroethene	6.542	95	197413	31.351	ug/L	96
47) Tetrachloroethene	8.555	164	2139	0.474	ug/L	83

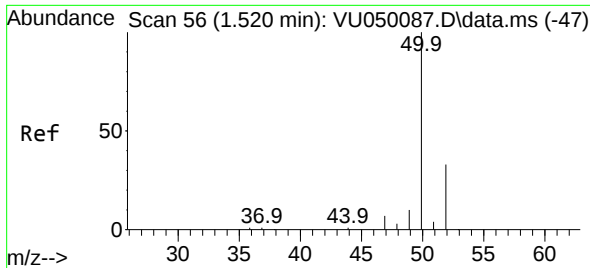
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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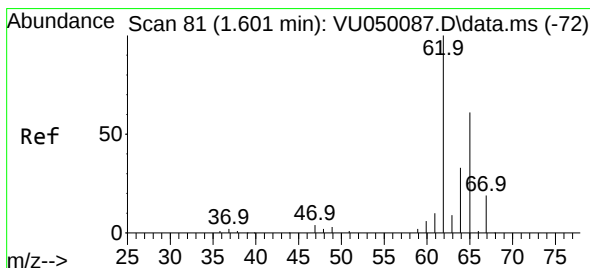
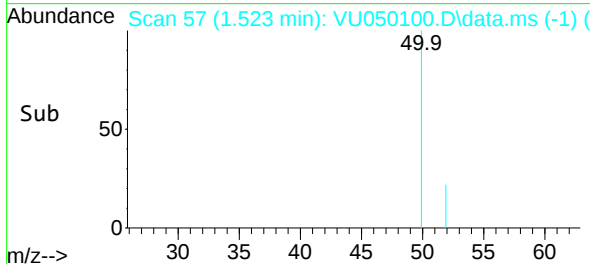
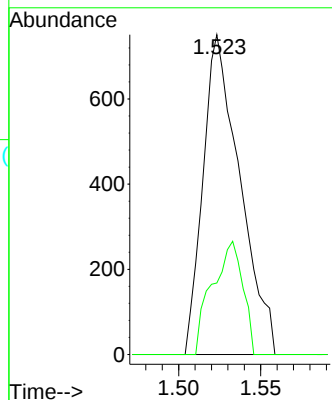
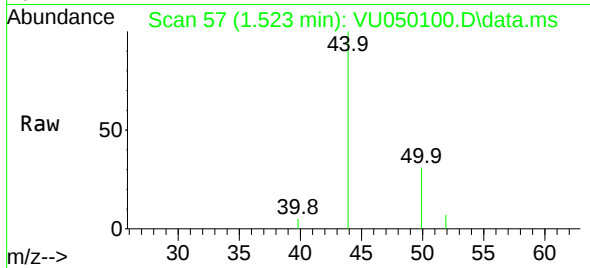




#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050100.D
Acq: 05 Aug 2022 16:40

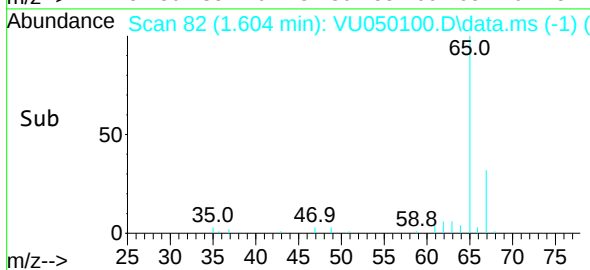
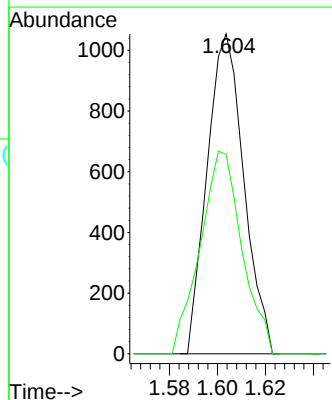
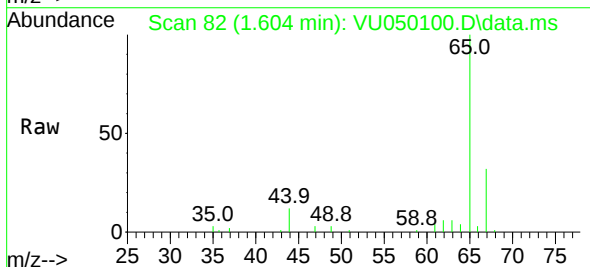
Instrument :
MSVOA_U
ClientSampleId :
GBJH3

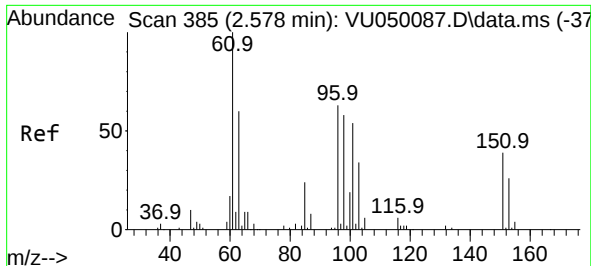
Tgt Ion: 50 Resp: 1170
Ion Ratio Lower Upper
50 100
52 22.4 23.2 43.2#



#5
Vinyl chloride
Concen: 0.139 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050100.D
Acq: 05 Aug 2022 16:40

Tgt Ion: 62 Resp: 1119
Ion Ratio Lower Upper
62 100
64 62.3 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.602 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050100.D

Acq: 05 Aug 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

GBJH3

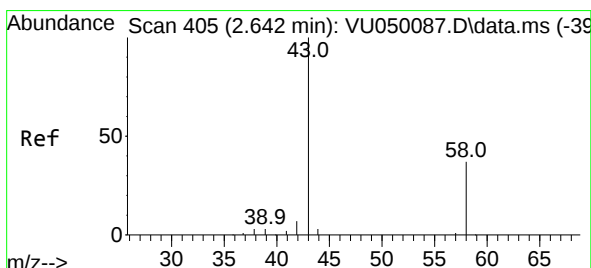
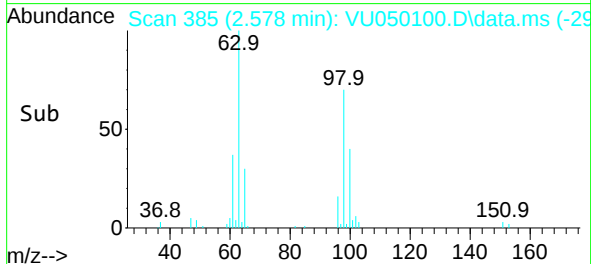
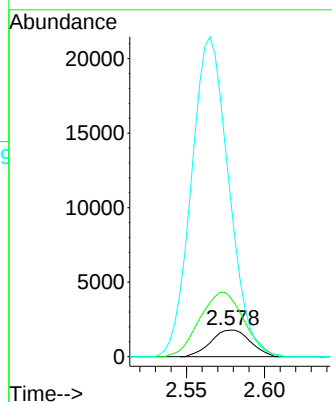
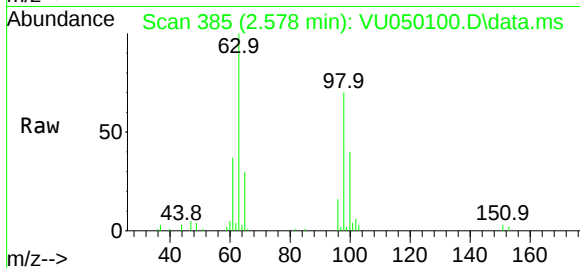
Tgt Ion: 96 Resp: 3127

Ion Ratio Lower Upper

96 100

61 224.8 122.7 227.9

63 613.1 85.1 158.1#



#13

Acetone

Concen: 7.416 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.013 min

Lab File: VU050100.D

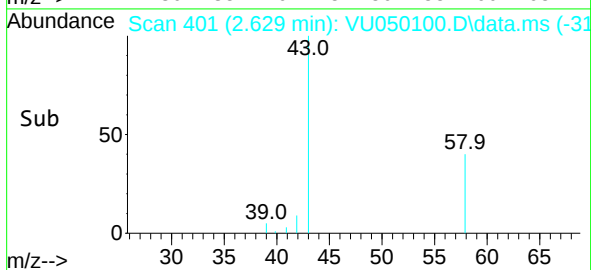
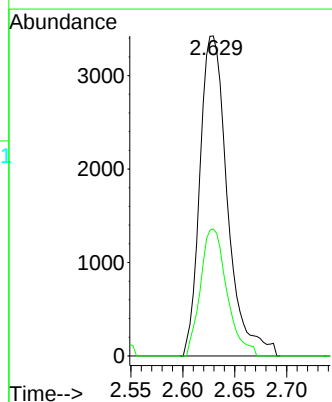
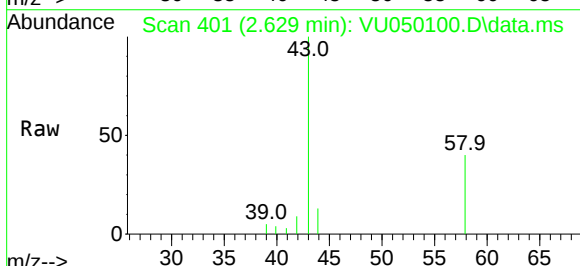
Acq: 05 Aug 2022 16:40

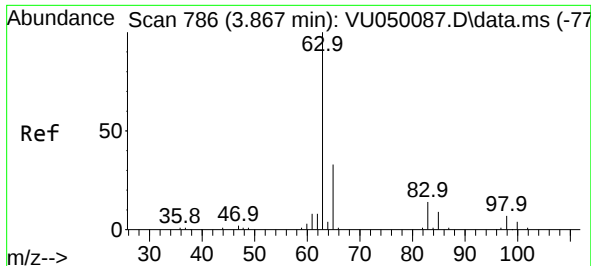
Tgt Ion: 43 Resp: 6303

Ion Ratio Lower Upper

43 100

58 38.1 0.0 64.0





#19

1,1-Dichloroethane

Concen: 0.724 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU050100.D

Acq: 05 Aug 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

GBJH3

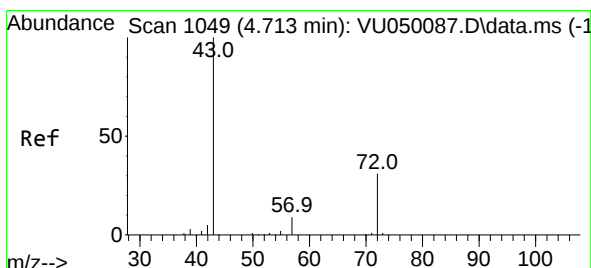
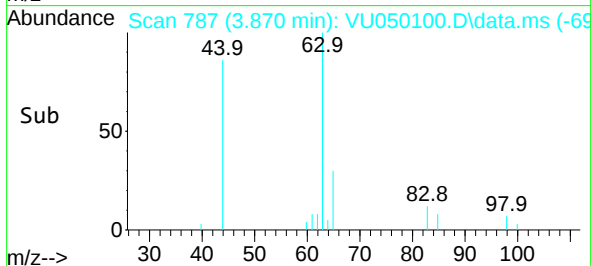
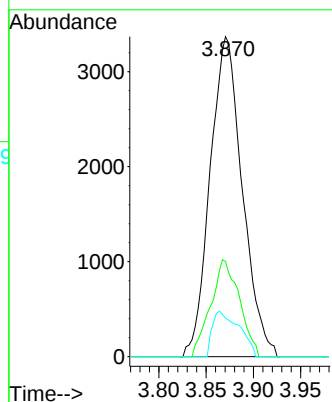
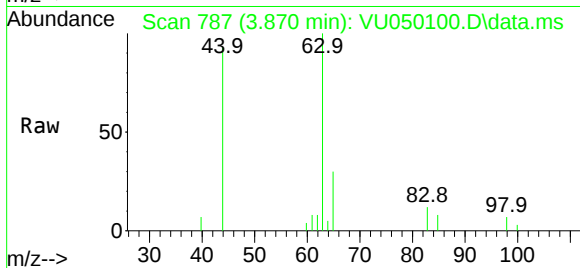
Tgt Ion: 63 Resp: 7984

Ion Ratio Lower Upper

63 100

65 29.8 22.7 42.3

83 12.1 9.8 18.2



#21

2-Butanone

Concen: 1.405 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VU050100.D

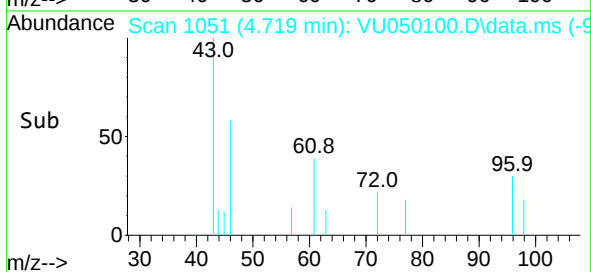
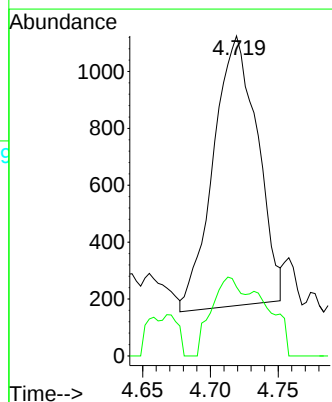
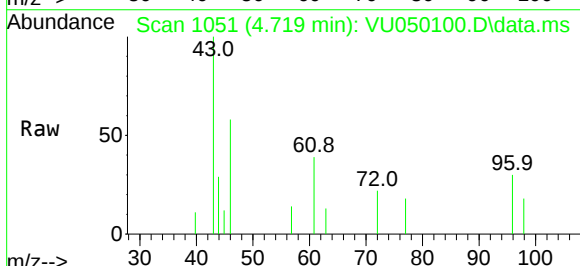
Acq: 05 Aug 2022 16:40

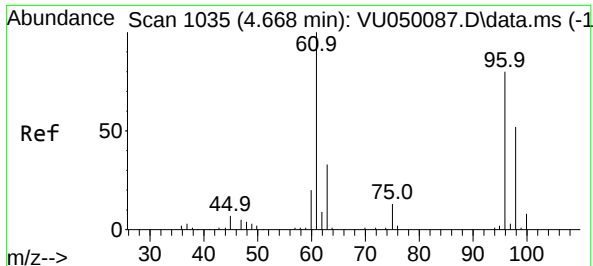
Tgt Ion: 43 Resp: 2147

Ion Ratio Lower Upper

43 100

72 20.7 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 6.225 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050100.D

Acq: 05 Aug 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

GBJH3

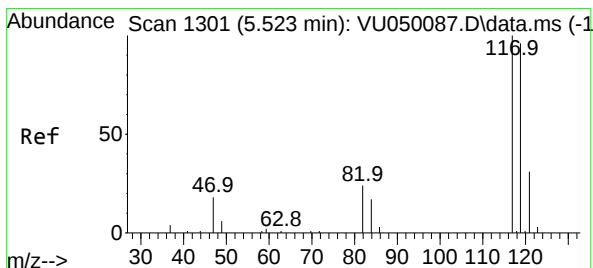
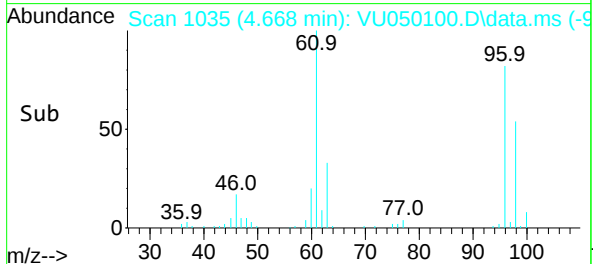
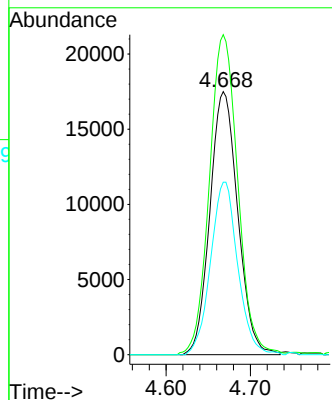
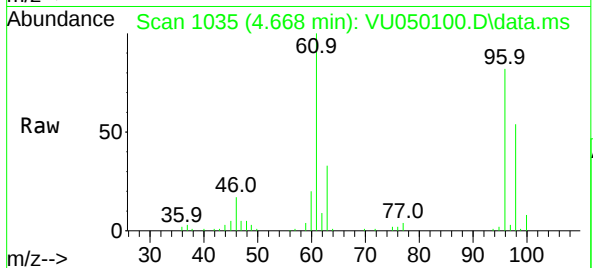
Tgt Ion: 96 Resp: 40213

Ion Ratio Lower Upper

96 100

61 121.6 89.0 165.4

98 65.5 45.2 84.0



#31

Carbon tetrachloride

Concen: 0.247 ug/L

RT: 5.533 min Scan# 1304

Delta R.T. 0.009 min

Lab File: VU050100.D

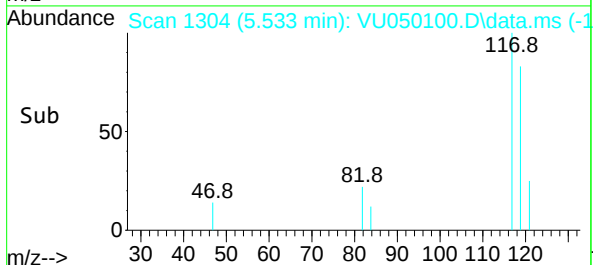
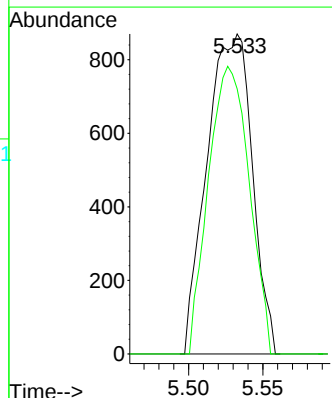
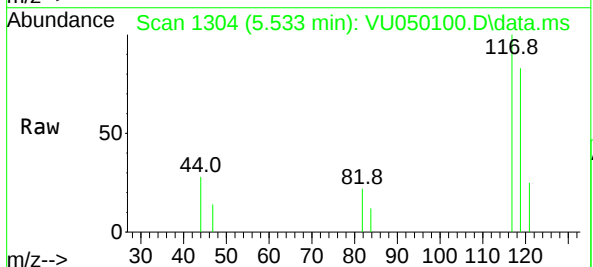
Acq: 05 Aug 2022 16:40

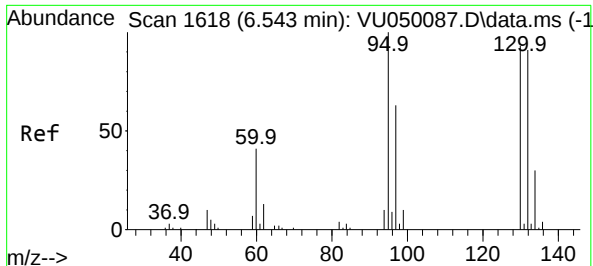
Tgt Ion: 117 Resp: 1844

Ion Ratio Lower Upper

117 100

119 80.9 76.0 114.0

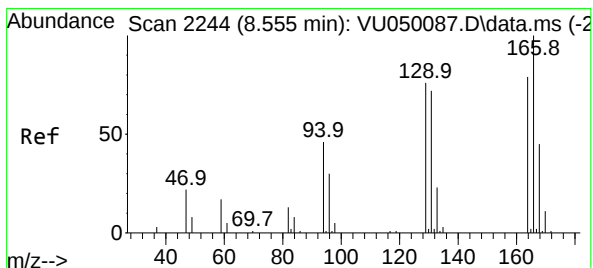
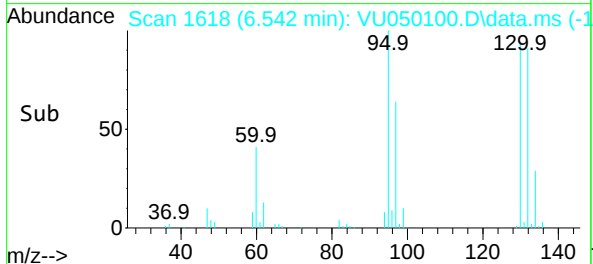
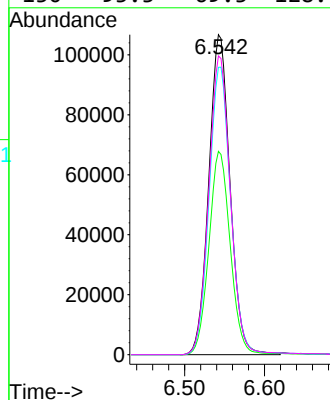
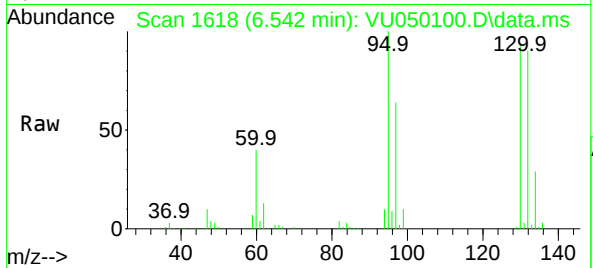




#34
Trichloroethene
Concen: 31.351 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 197413
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.8
132 89.8 65.0 120.6
130 93.3 69.3 128.7



#47
Tetrachloroethene
Concen: 0.474 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU050100.D
Acq: 05 Aug 2022 16:40

Tgt Ion: 164 Resp: 2139
Ion Ratio Lower Upper
164 100
129 105.5 69.0 128.1
131 116.7 65.8 122.2
166 144.5 86.1 159.9

