

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050194.D
 Acq On : 09 Aug 2022 21:30
 Operator : SY/MD
 Sample : N4115-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

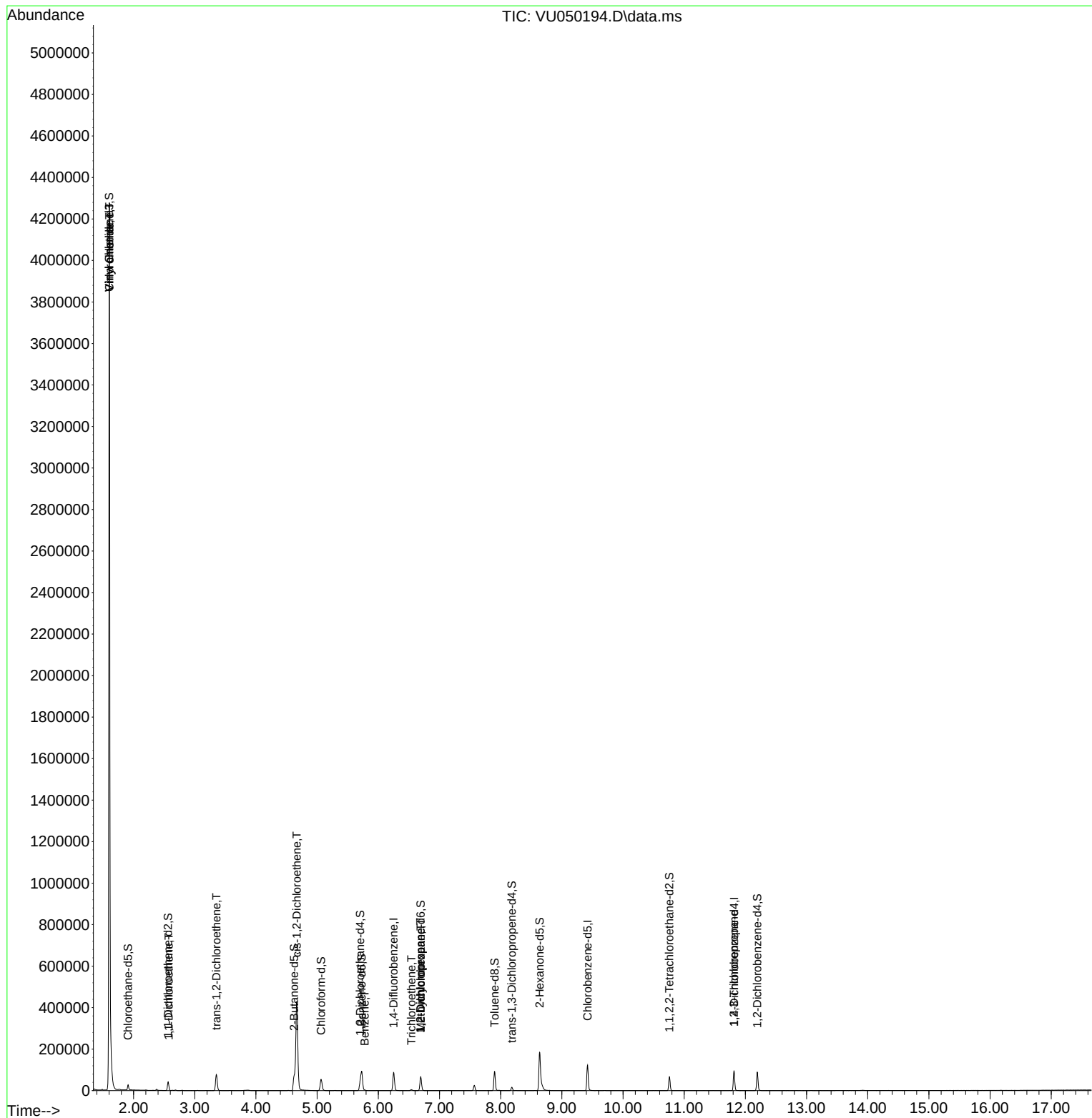
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72704	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	71480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	26972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41940	6.932	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 138.600%#		
7) Chloroethane-d5	1.909	69	18452	3.780	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 75.600%		
11) 1,1-Dichloroethene-d2	2.562	65	8010	3.387	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 67.800%		
20) 2-Butanone-d5	4.623	46	101412	68.732	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 137.460%#		
24) Chloroform-d	5.063	84	49088	4.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.200%		
26) 1,2-Dichloroethane-d4	5.703	65	29090	5.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.600%		
32) Benzene-d6	5.729	84	88319	3.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 79.200%		
36) 1,2-Dichloropropane-d6	6.694	67	33241	4.525	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.600%		
41) Toluene-d8	7.899	98	65036	3.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 66.000%#		
43) trans-1,3-Dichloroprop...	8.182	79	10043	3.815	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 76.400%		
46) 2-Hexanone-d5	8.636	63	61211	65.575	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 131.160%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35428	5.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	24421	4.621	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.604	50	18477	2.119	ug/L #	46
5) Vinyl chloride	1.604	62	3091600	395.816	ug/L	99
12) 1,1-Dichloroethene	2.575	96	1013	0.202	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	33134	5.889	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	227583	36.440	ug/L	99
33) Benzene	5.777	78	2266	0.090	ug/L	100
34) Trichloroethene	6.542	95	1413	0.233	ug/L	96
35) Methylcyclohexane	6.694	83	7750	0.991	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	3294	0.494	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3346	0.911	ug/L #	66

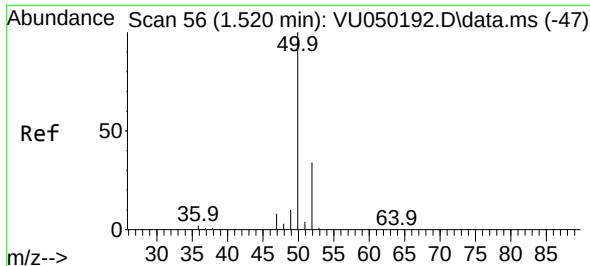
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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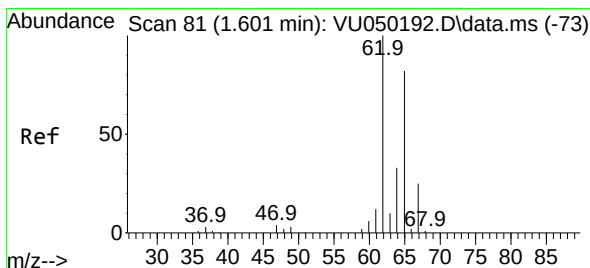
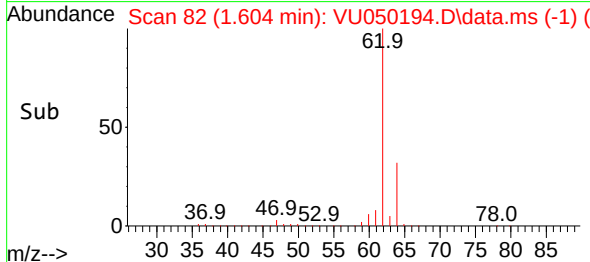
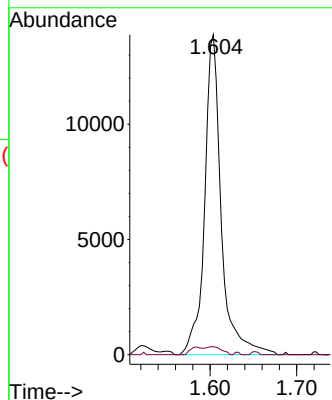
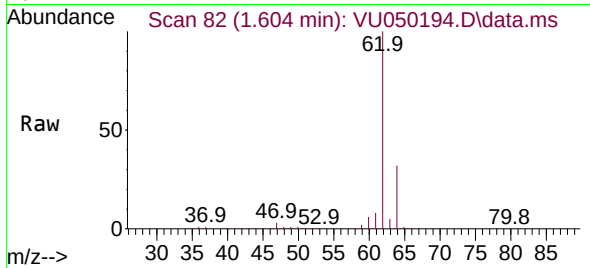




#3
Chloromethane
Concen: 2.119 ug/L
RT: 1.604 min Scan# 81
Delta R.T. 0.084 min
Lab File: VU050194.D
Acq: 09 Aug 2022 21:30

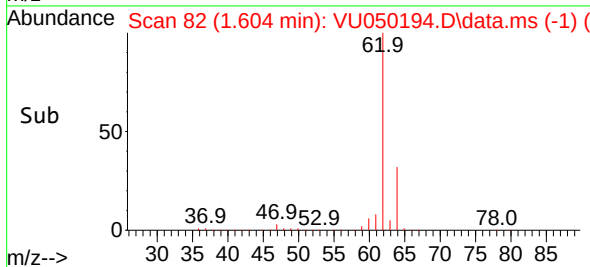
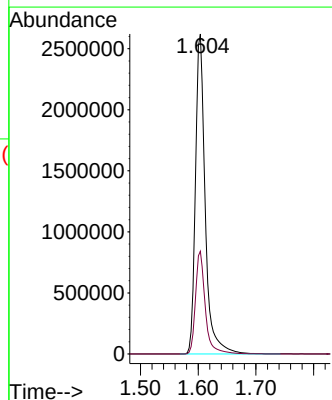
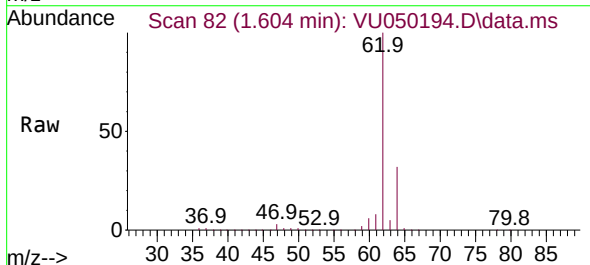
Instrument :
MSVOA_U
ClientSampleId :

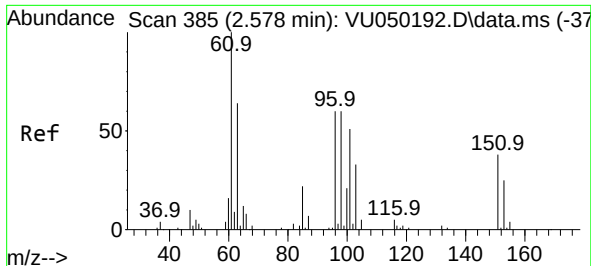
Tgt Ion: 50 Resp: 18477
Ion Ratio Lower Upper
50 100
52 2.5 23.2 43.2#



#5
Vinyl chloride
Concen: 395.816 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050194.D
Acq: 09 Aug 2022 21:30

Tgt Ion: 62 Resp: 3091600
Ion Ratio Lower Upper
62 100
64 32.1 22.8 42.4





#12

1,1-Dichloroethene

Concen: 0.202 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

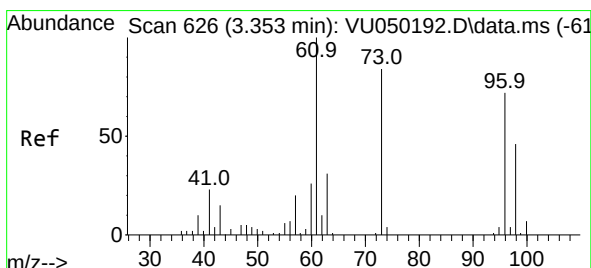
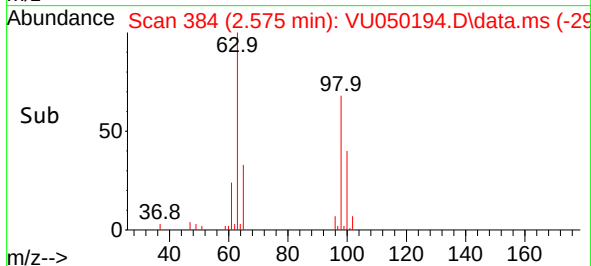
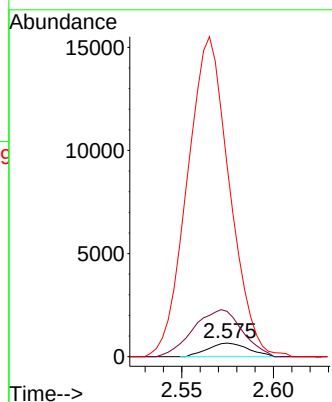
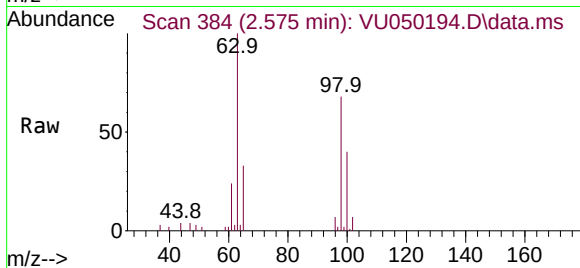
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1013

Ion	Ratio	Lower	Upper
96	100		
61	332.6	122.7	227.9#
63	1406.5	85.1	158.1#



#18

trans-1,2-Dichloroethene

Concen: 5.889 ug/L

RT: 3.353 min Scan# 626

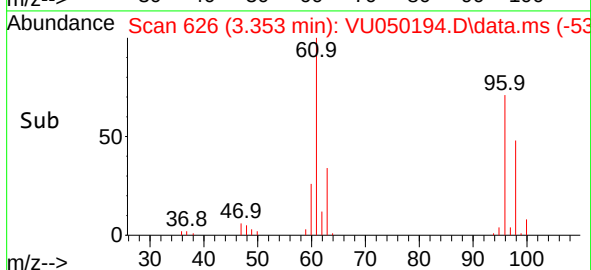
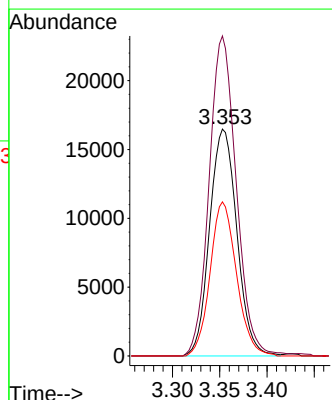
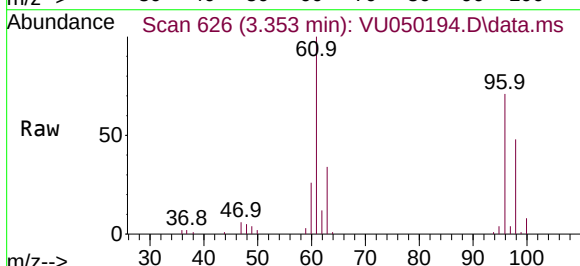
Delta R.T. -0.000 min

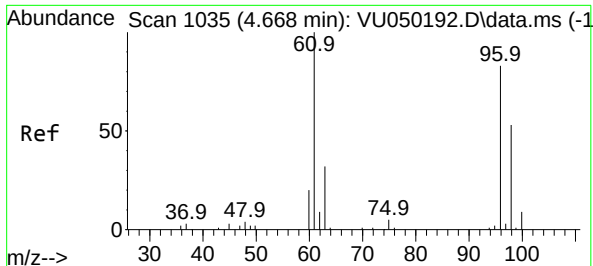
Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

Tgt Ion: 96 Resp: 33134

Ion	Ratio	Lower	Upper
96	100		
61	141.0	92.3	171.5
98	67.9	43.2	80.2





#22

cis-1,2-Dichloroethene

Concen: 36.440 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

Instrument :

MSVOA_U

ClientSampleId :

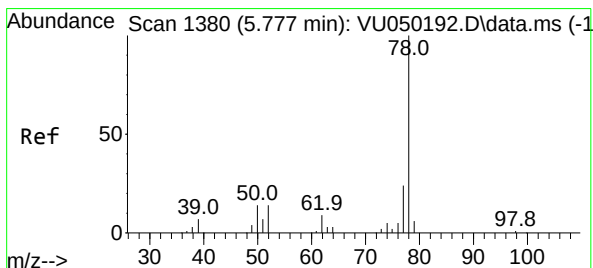
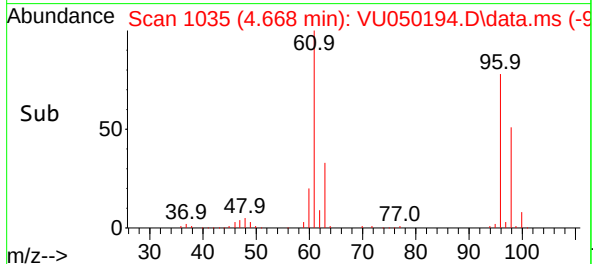
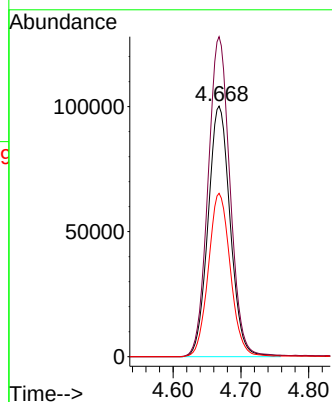
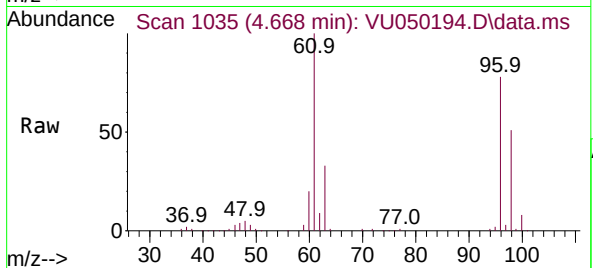
Tgt Ion: 96 Resp: 227583

Ion Ratio Lower Upper

96 100

61 127.7 89.0 165.4

98 65.2 45.2 84.0



#33

Benzene

Concen: 0.090 ug/L

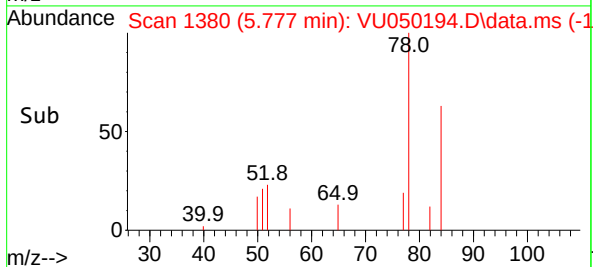
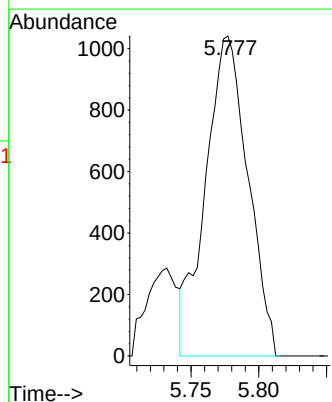
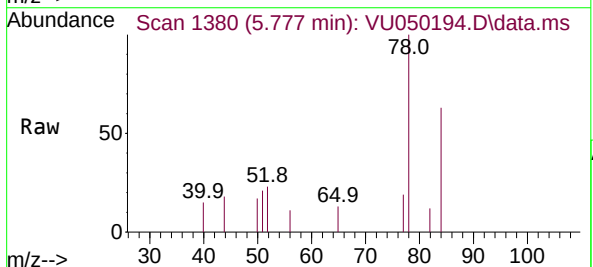
RT: 5.777 min Scan# 1380

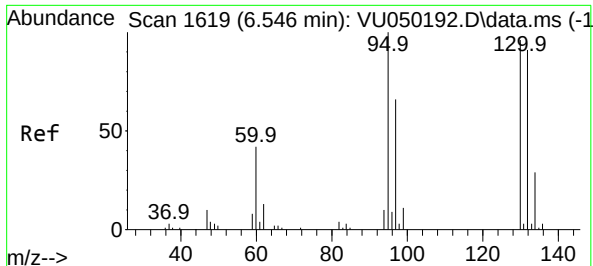
Delta R.T. -0.000 min

Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

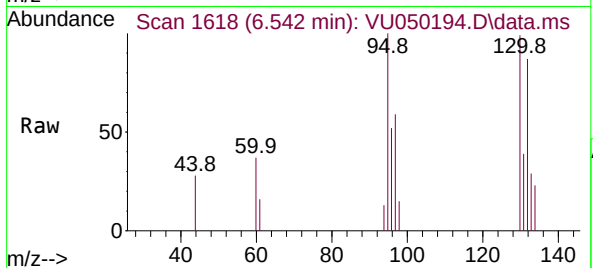
Tgt Ion: 78 Resp: 2266





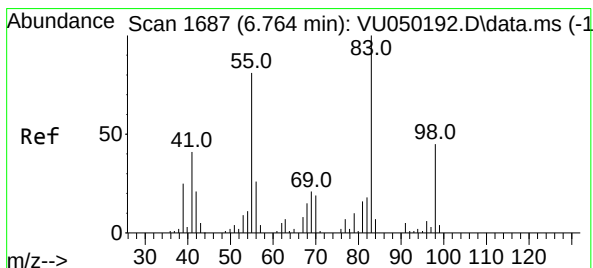
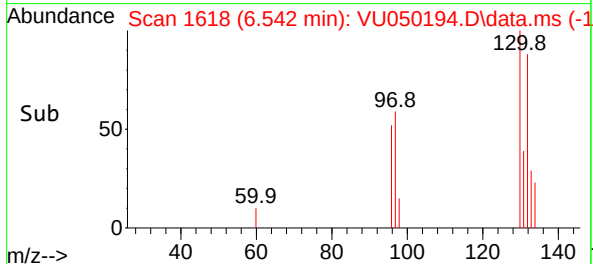
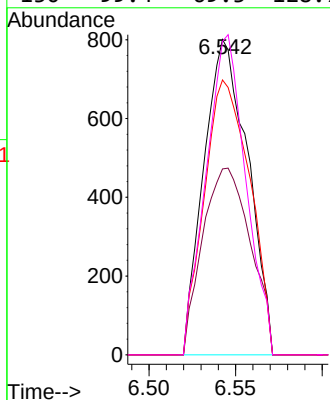
#34
Trichloroethene
Concen: 0.233 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.004 min
Lab File: VU050194.D
Acq: 09 Aug 2022 21:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 1413

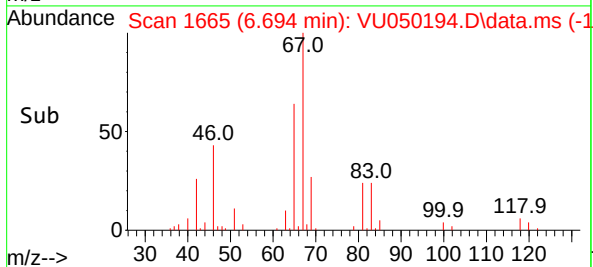
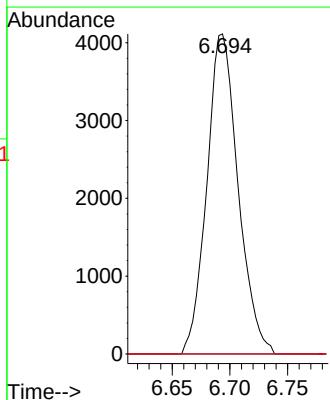
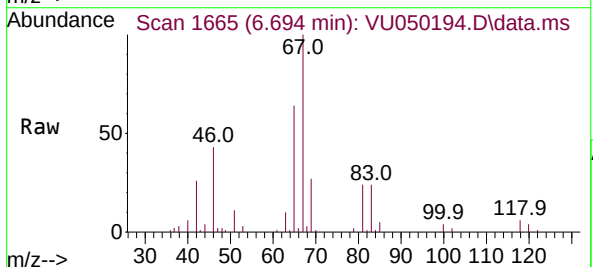
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.6	84.8
132	87.1	65.0	120.6
130	99.4	69.3	128.7

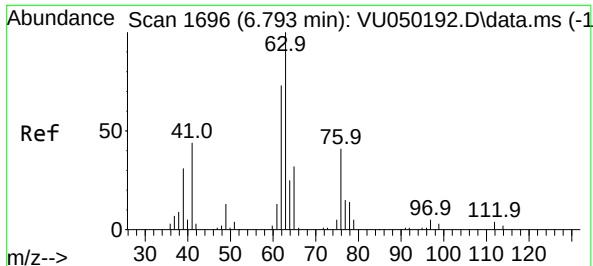


#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050194.D
Acq: 09 Aug 2022 21:30

Tgt Ion: 83 Resp: 7750

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.5	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.494 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

Instrument :

MSVOA_U

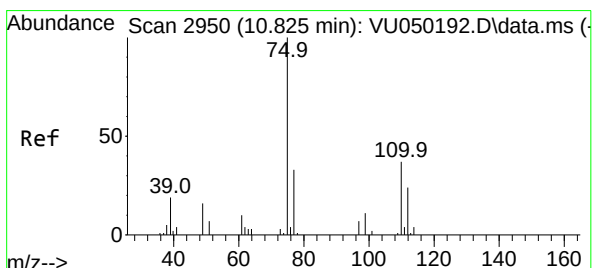
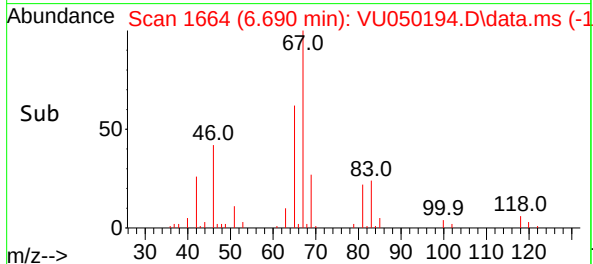
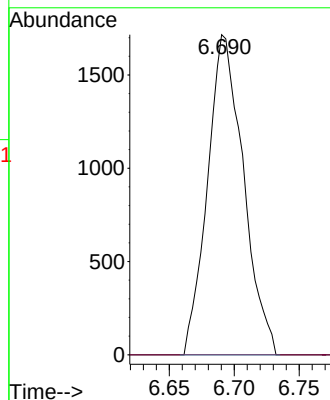
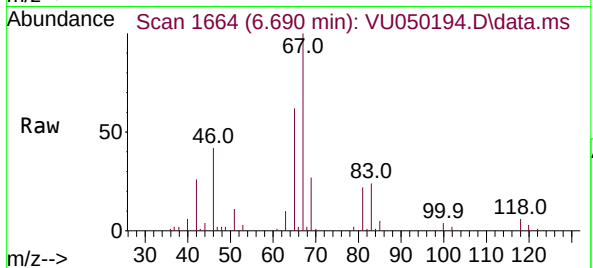
ClientSampleId :

Tgt Ion: 63 Resp: 3294

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.911 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

Tgt Ion: 75 Resp: 3346

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 29.3 25.8 38.6

