

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050178.D
 Acq On : 09 Aug 2022 12:52
 Operator : SY/MD
 Sample : N4070-22RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:46:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

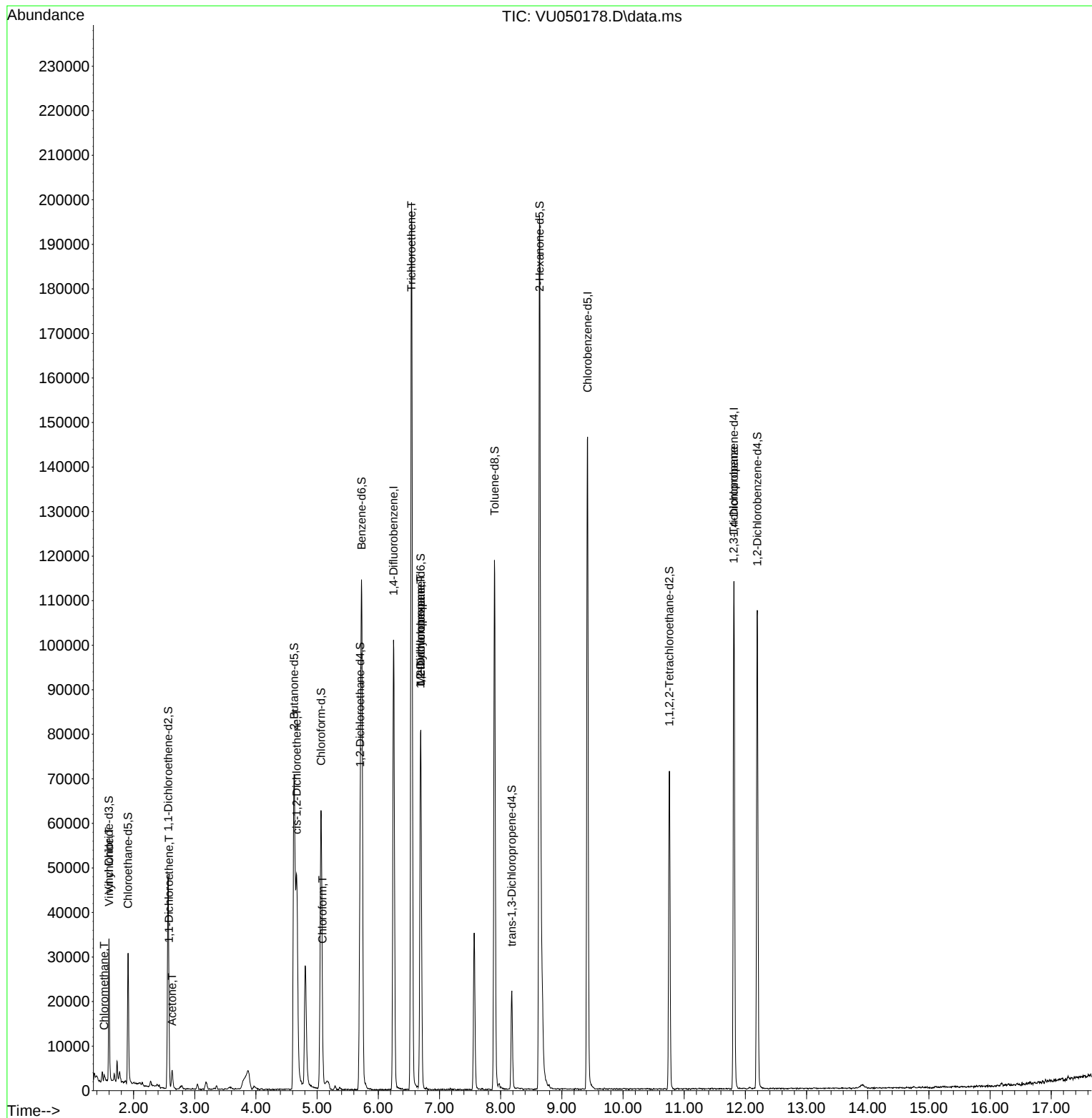
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82974	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	85763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21765	3.152	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.000%	
7) Chloroethane-d5	1.909	69	21290	3.822	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.400%	
11) 1,1-Dichloroethene-d2	2.565	65	8591	3.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.600%	
20) 2-Butanone-d5	4.623	46	103174	61.271	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.540%	
24) Chloroform-d	5.064	84	59904	4.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.703	65	33425	5.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.729	84	108173	4.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.694	67	41031	4.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.899	98	83048	3.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.200%	
43) trans-1,3-Dichloroprop...	8.182	79	13604	4.307	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.636	63	63146	56.382	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.760%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38638	4.992	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30144	4.735	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
3) Chloromethane	1.520	50	1774	0.178	ug/L	92
5) Vinyl chloride	1.601	62	1135	0.127	ug/L #	75
12) 1,1-Dichloroethene	2.578	96	1002	0.175	ug/L #	1
13) Acetone	2.630	43	4712	5.025	ug/L	86
22) cis-1,2-Dichloroethene	4.668	96	22035	3.091	ug/L	95
25) Chloroform	5.086	83	875	0.067	ug/L #	73
34) Trichloroethene	6.543	95	70273	9.670	ug/L	97
35) Methylcyclohexane	6.694	83	9161	0.977	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4189	0.523	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	3785	0.855	ug/L #	68

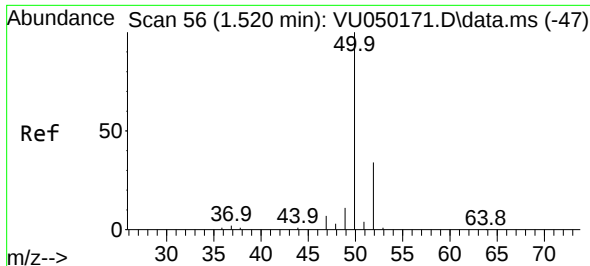
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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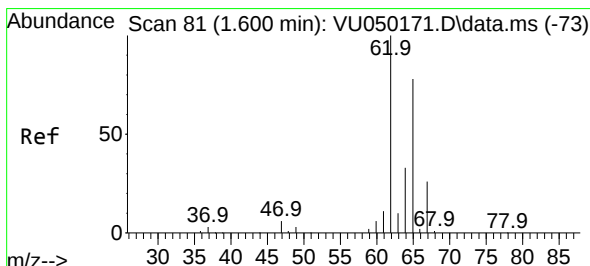
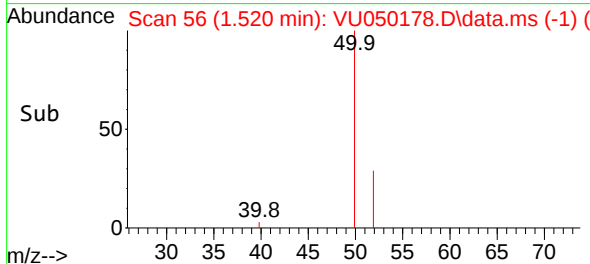
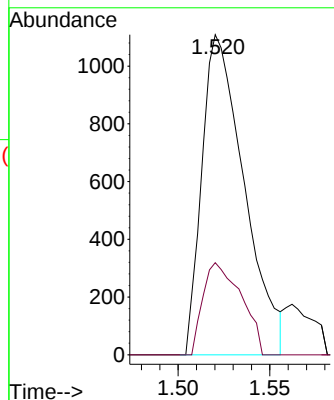
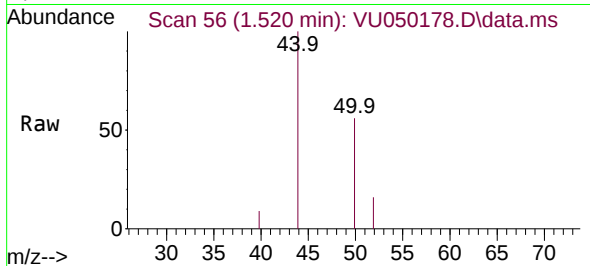




#3
Chloromethane
Concen: 0.178 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050178.D
Acq: 09 Aug 2022 12:52

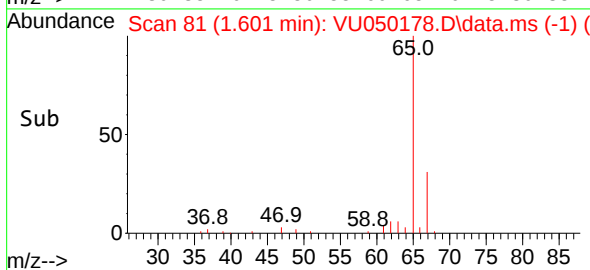
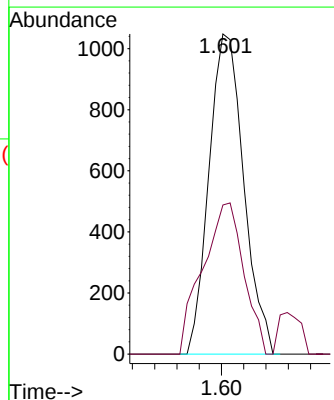
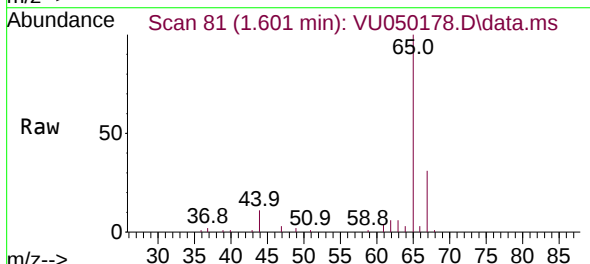
Instrument :
MSVOA_U
ClientSampleId :

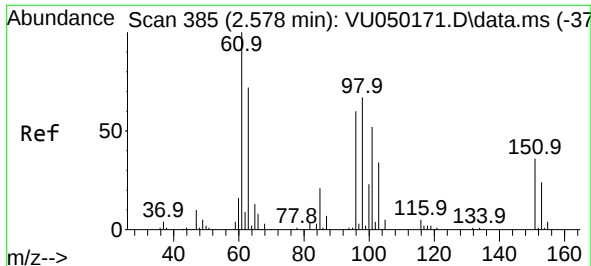
Tgt Ion: 50 Resp: 1774
Ion Ratio Lower Upper
50 100
52 28.8 23.2 43.2



#5
Vinyl chloride
Concen: 0.127 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050178.D
Acq: 09 Aug 2022 12:52

Tgt Ion: 62 Resp: 1135
Ion Ratio Lower Upper
62 100
64 46.6 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.175 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050178.D

Acq: 09 Aug 2022 12:52

Instrument :

MSVOA_U

ClientSampleId :

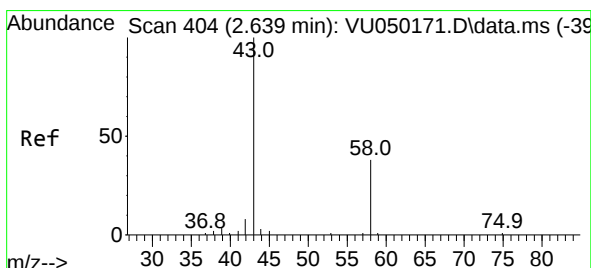
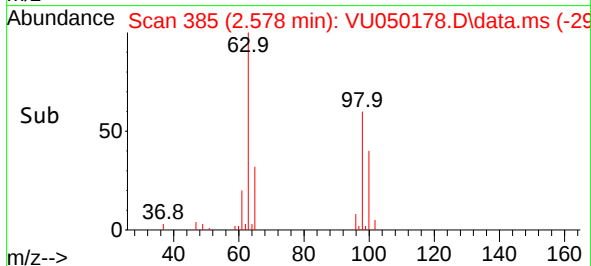
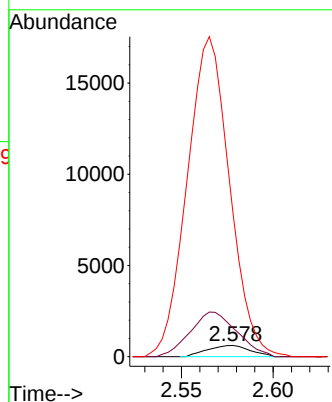
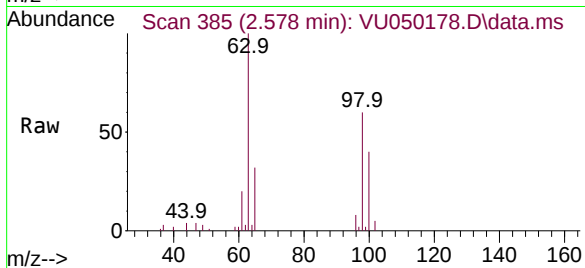
Tgt Ion: 96 Resp: 1002

Ion Ratio Lower Upper

96 100

61 256.3 122.7 227.9#

63 1284.0 85.1 158.1#



#13

Acetone

Concen: 5.025 ug/L

RT: 2.630 min Scan# 401

Delta R.T. -0.016 min

Lab File: VU050178.D

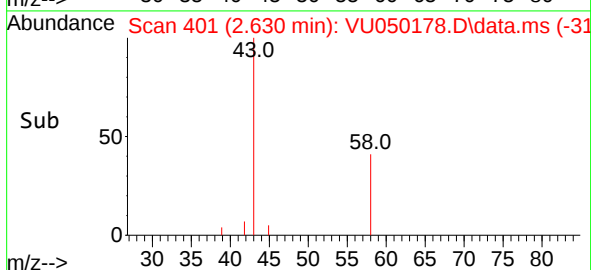
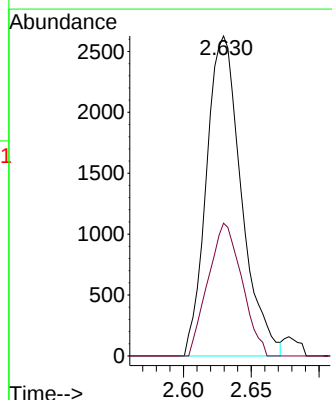
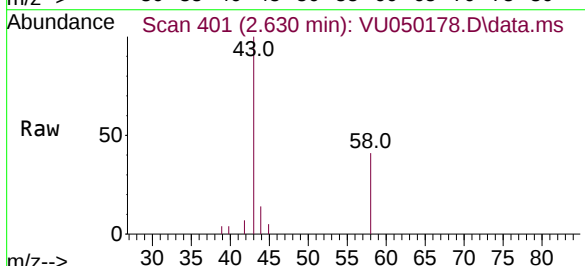
Acq: 09 Aug 2022 12:52

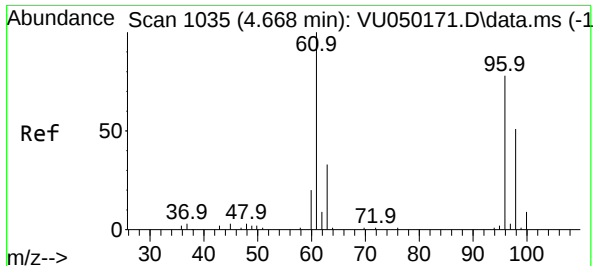
Tgt Ion: 43 Resp: 4712

Ion Ratio Lower Upper

43 100

58 40.0 0.0 64.0





#22

cis-1,2-Dichloroethene

Concen: 3.091 ug/L

RT: 4.668 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU050178.D

Acq: 09 Aug 2022 12:52

Instrument :

MSVOA_U

ClientSampleId :

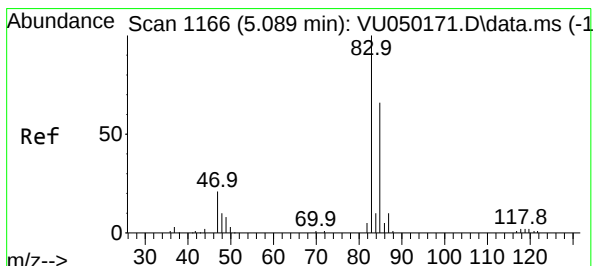
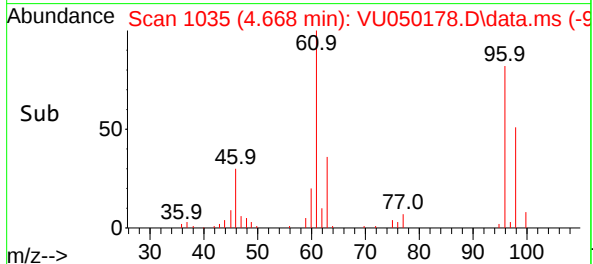
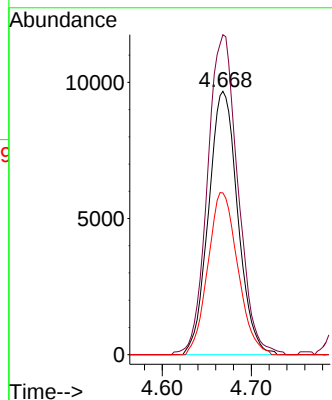
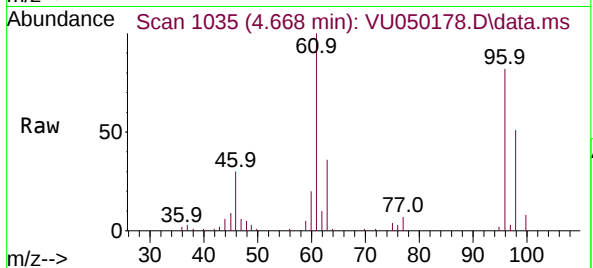
Tgt Ion: 96 Resp: 22035

Ion Ratio Lower Upper

96 100

61 121.5 89.0 165.4

98 61.5 45.2 84.0



#25

Chloroform

Concen: 0.067 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050178.D

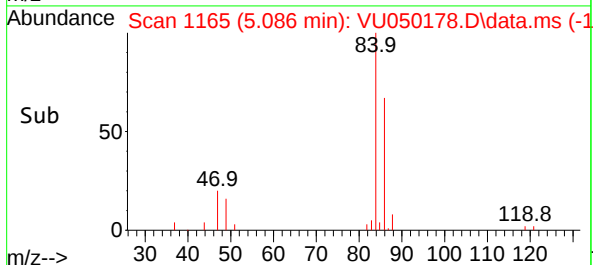
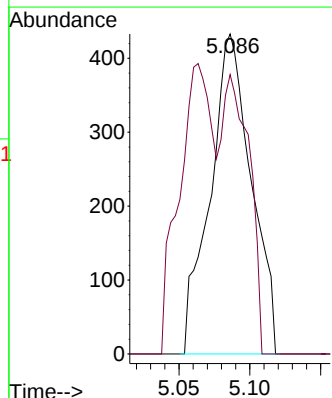
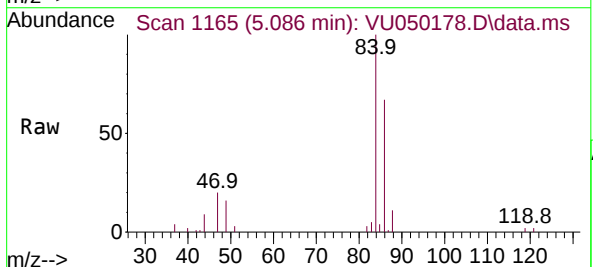
Acq: 09 Aug 2022 12:52

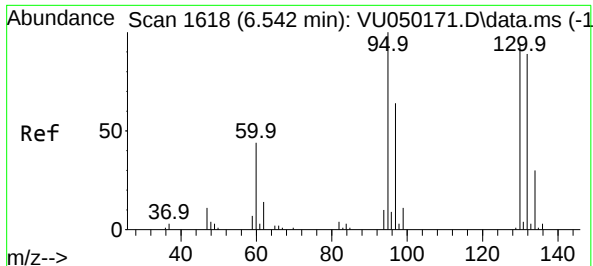
Tgt Ion: 83 Resp: 875

Ion Ratio Lower Upper

83 100

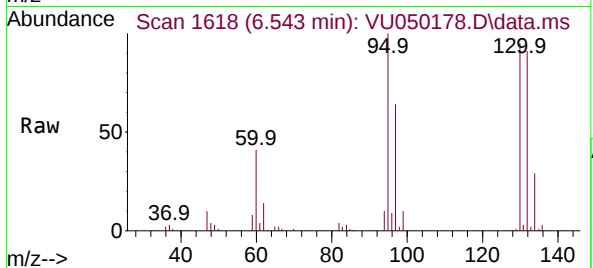
85 87.3 46.1 85.5#





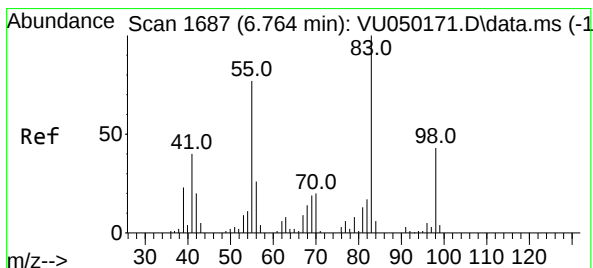
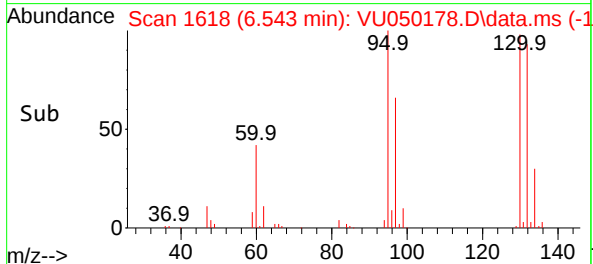
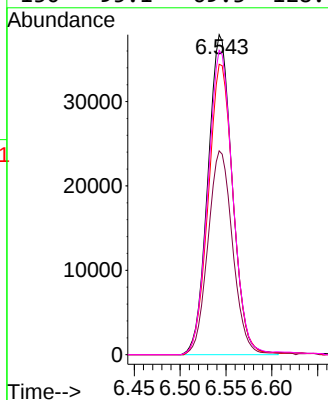
#34
Trichloroethene
Concen: 9.670 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050178.D
Acq: 09 Aug 2022 12:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 70273

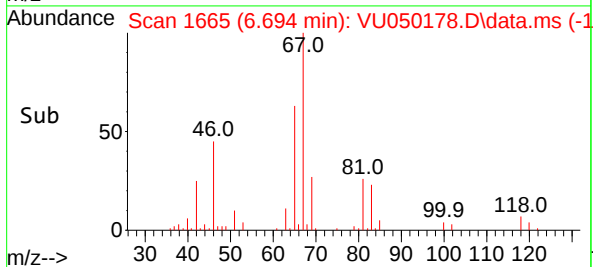
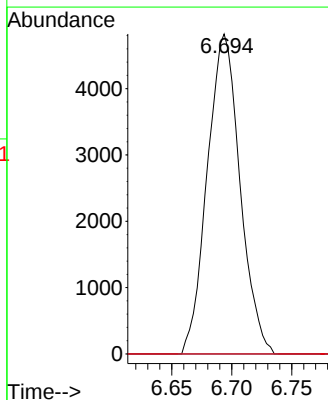
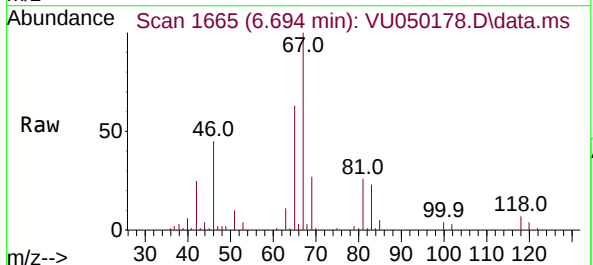
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.8
132	90.8	65.0	120.6
130	95.1	69.3	128.7

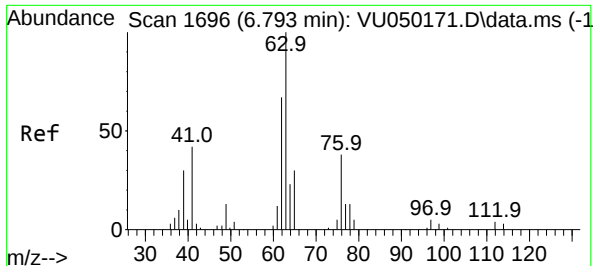


#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050178.D
Acq: 09 Aug 2022 12:52

Tgt Ion: 83 Resp: 9161

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





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050178.D

Acq: 09 Aug 2022 12:52

Instrument :

MSVOA_U

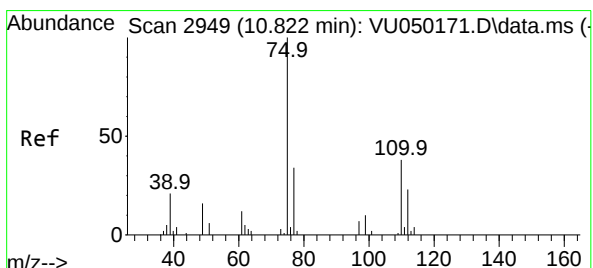
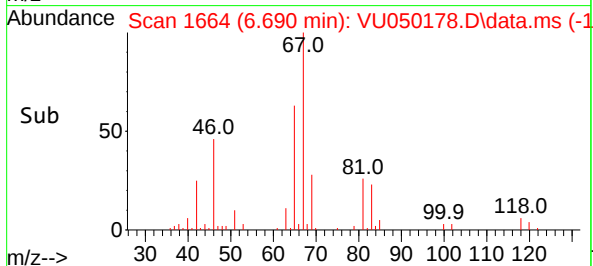
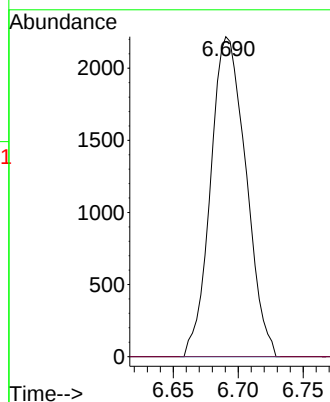
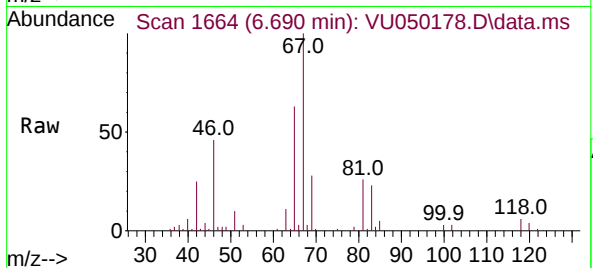
ClientSampleId :

Tgt Ion: 63 Resp: 4189

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.855 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU050178.D

Acq: 09 Aug 2022 12:52

Tgt Ion: 75 Resp: 3785

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.8 25.8 38.6

