

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043650.D
 Acq On : 10 May 2021 19:55
 Operator : SY/MD
 Sample : M2301-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:01:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

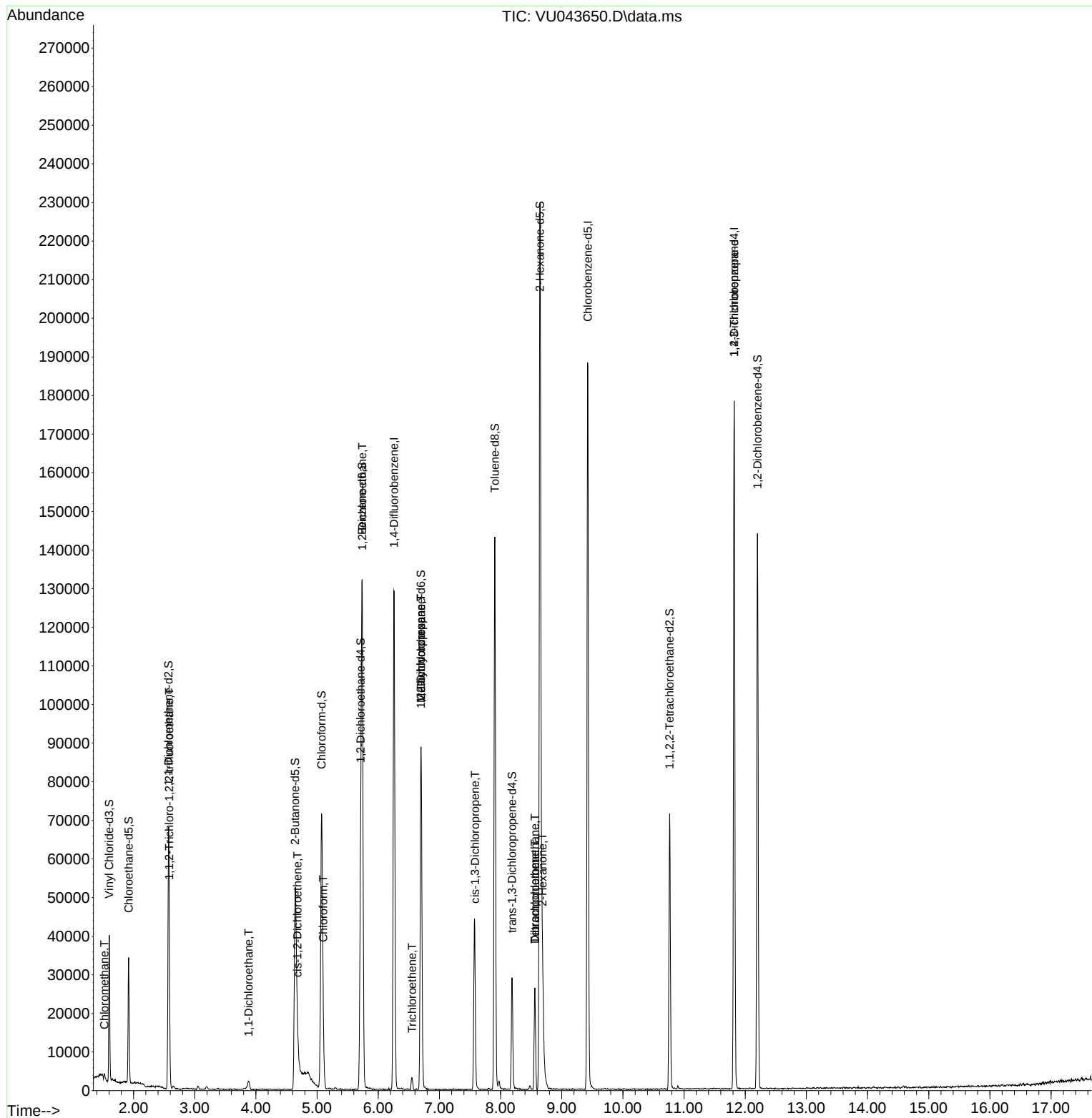
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	93656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	94533	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41926	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24977	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.919	69	21753	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.571	65	12947	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.642	46	104070	44.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	5.073	84	61271	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.713	65	38888	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.735	84	108884	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.700	67	40559	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.906	98	88124	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloroprop...	8.185	79	15679	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.642	63	84268	55.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34565	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	34780	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1037	0.16	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1069	0.18	ug/L #	61
19) 1,1-Dichloroethane	3.880	63	2852	0.22	ug/L	88
22) cis-1,2-Dichloroethene	4.681	96	1016	0.16	ug/L #	90
25) Chloroform	5.099	83	9386	0.68	ug/L	97
27) 1,2-Dichloroethane	5.739	62	747	0.08	ug/L #	78
34) Trichloroethene	6.552	95	1135	0.18	ug/L #	81
35) Methylcyclohexane	6.700	83	8826	1.07	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4571	0.62	ug/L #	90
39) cis-1,3-Dichloropropene	7.581	75	1114	0.11	ug/L #	75
47) Tetrachloroethene	8.562	164	5168	1.10	ug/L	94
48) 2-Hexanone	8.687	43	4496	1.00	ug/L #	54
49) Dibromochloromethane	8.562	129	5332	0.86	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5761	1.36	ug/L #	67

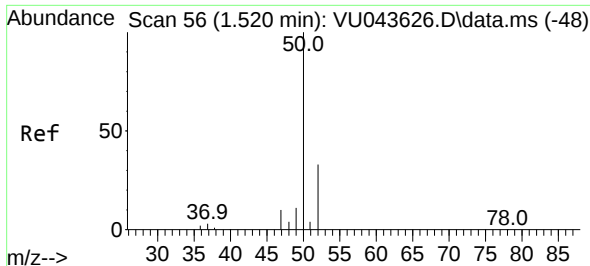
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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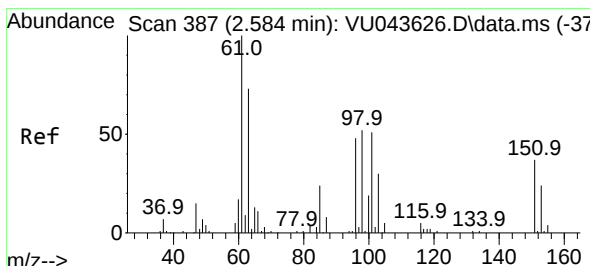
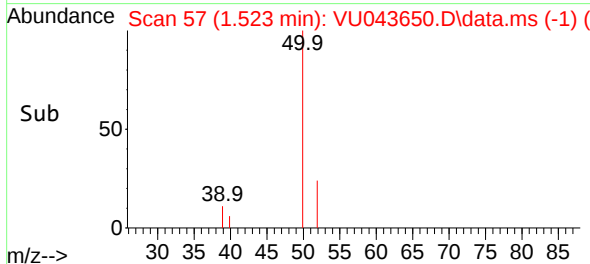
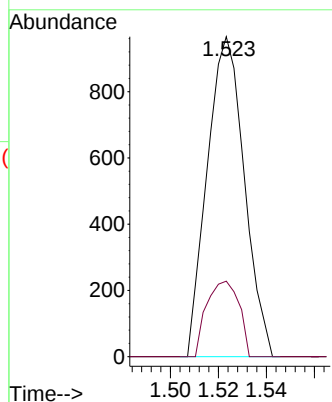
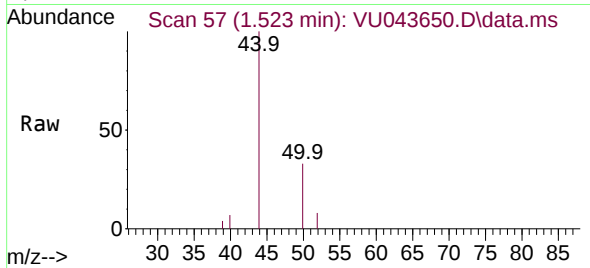




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043650.D
Acq: 10 May 2021 19:55

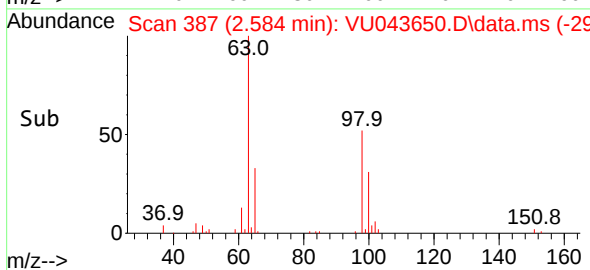
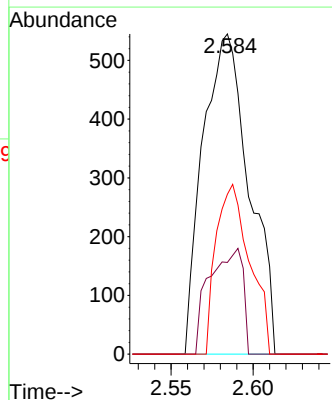
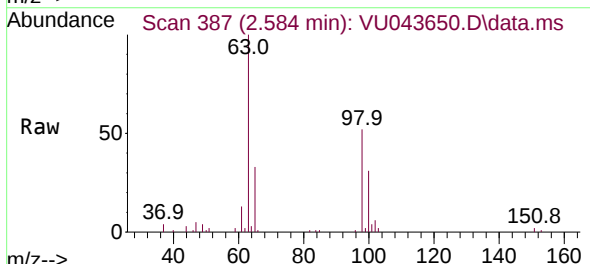
Instrument :
MSVOA_U
ClientSampled :

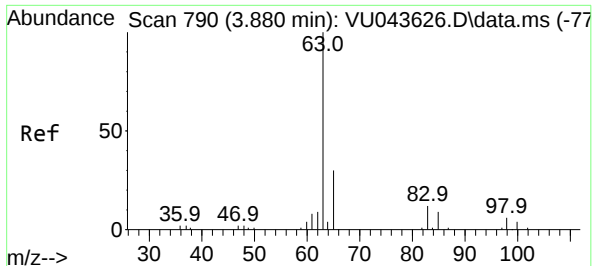
Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 23.6 22.1 41.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.18 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043650.D
Acq: 10 May 2021 19:55

Tgt Ion: 101 Resp: 1069
Ion Ratio Lower Upper
101 100
85 23.9 38.5 57.7#
151 38.4 58.5 87.7#





#19

1,1-Dichloroethane

Concen: 0.22 ug/L

RT: 3.880 min Scan# 790

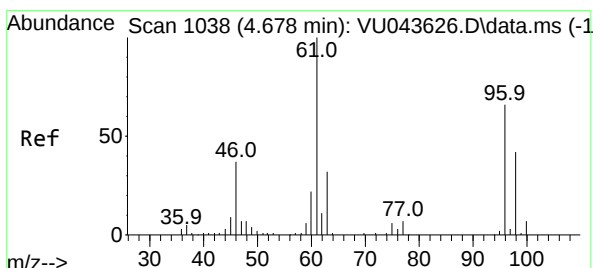
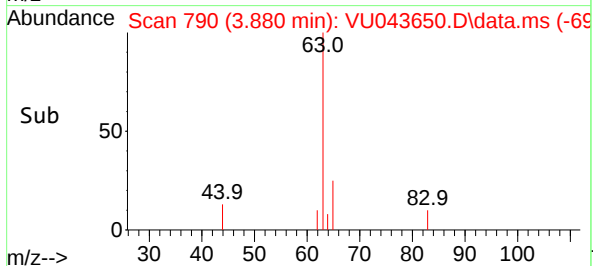
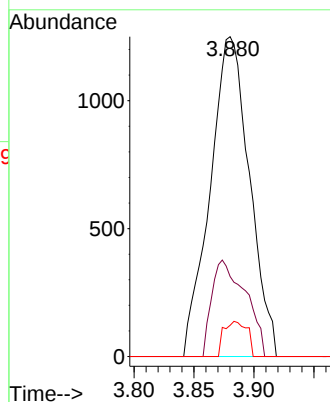
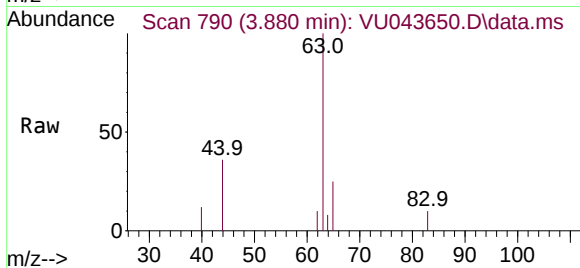
Delta R.T. -0.000 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

Tgt Ion: 63	Resp: 2852
Ion Ratio	Lower Upper
63 100	
65 25.0	22.7 42.1
83 9.8	9.4 17.4

Instrument :
MSVOA_U
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 0.16 ug/L

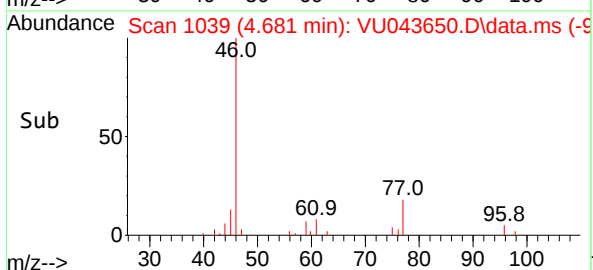
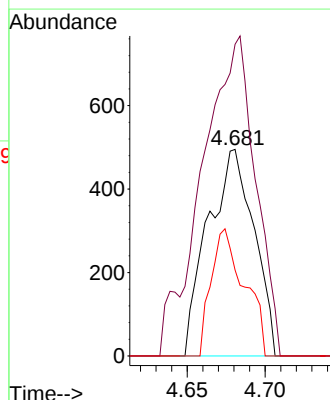
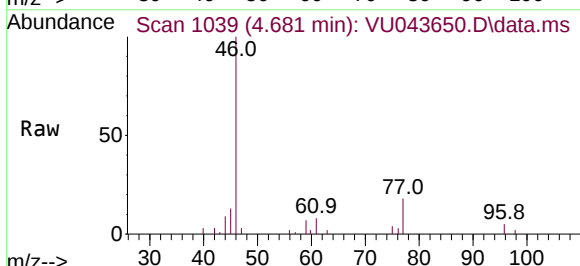
RT: 4.681 min Scan# 1039

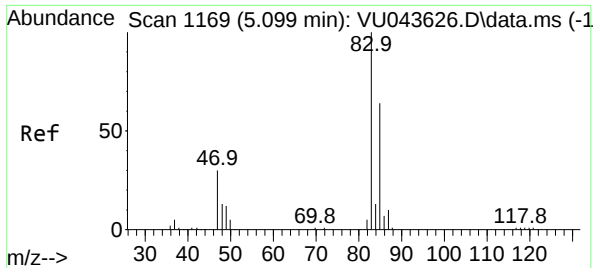
Delta R.T. 0.003 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

Tgt Ion: 96	Resp: 1016		
Ion Ratio	Lower	Upper	
96	100		
61	150.9	102.8	190.8
98	41.6	42.8	79.6#

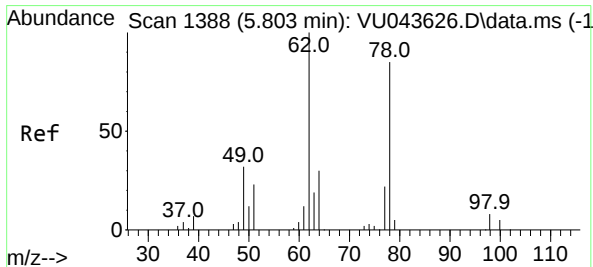
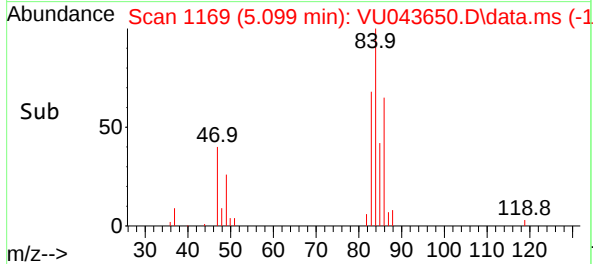
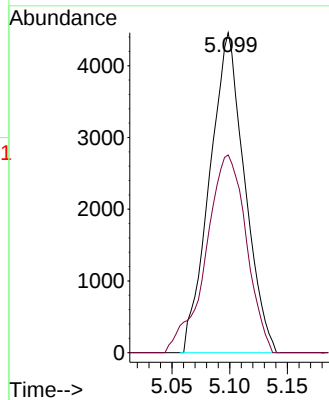
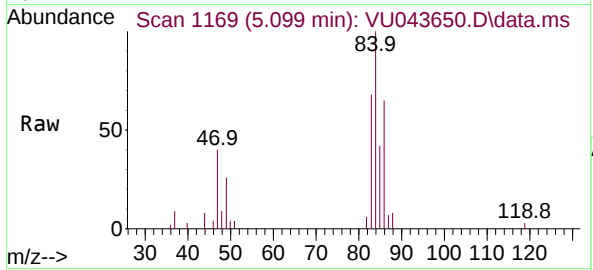




#25
Chloroform
Concen: 0.68 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043650.D
Acq: 10 May 2021 19:55

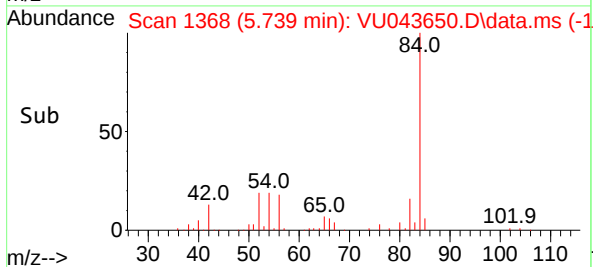
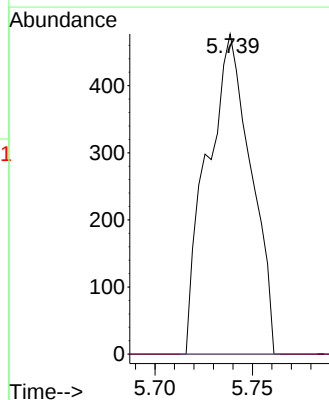
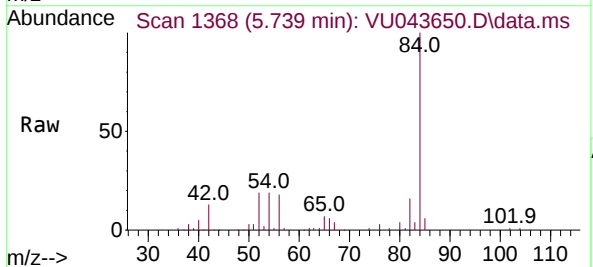
Instrument :
MSVOA_U
ClientSampled :

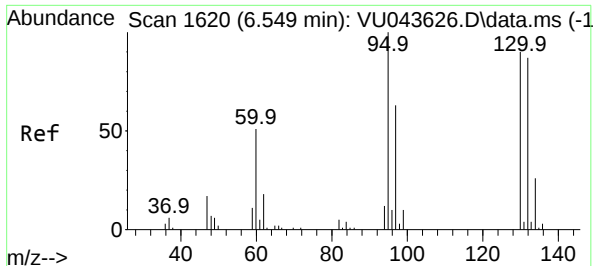
Tgt Ion: 83 Resp: 9386
Ion Ratio Lower Upper
83 100
85 61.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043650.D
Acq: 10 May 2021 19:55

Tgt Ion: 62 Resp: 747
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#





#34

Trichloroethene

Concen: 0.18 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

Tgt Ion: 95 Resp: 1135

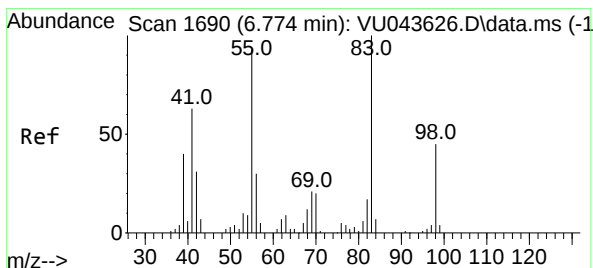
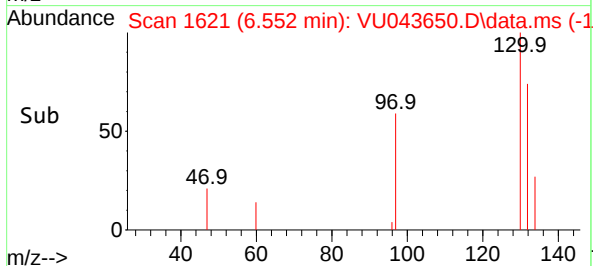
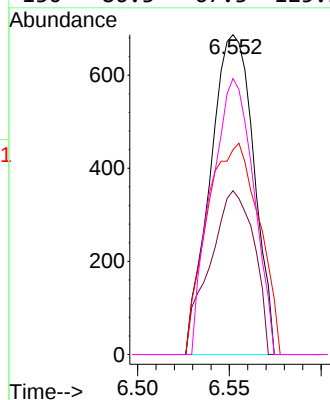
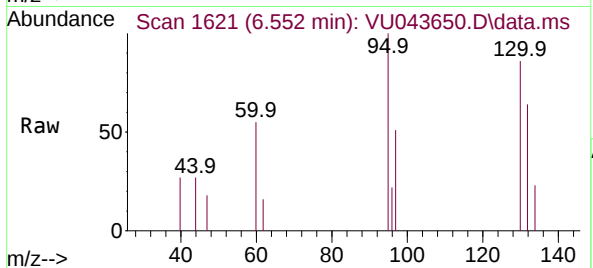
Ion Ratio Lower Upper

95 100

97 51.2 46.5 86.5

132 64.0 64.1 119.1#

130 86.3 67.3 125.1



#35

Methylcyclohexane

Concen: 1.07 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

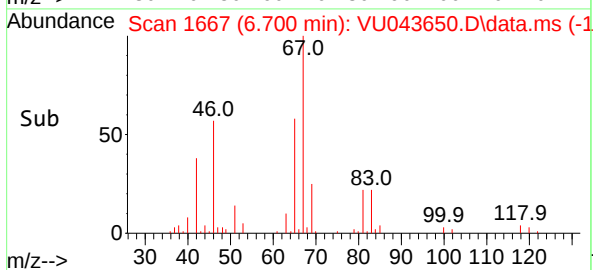
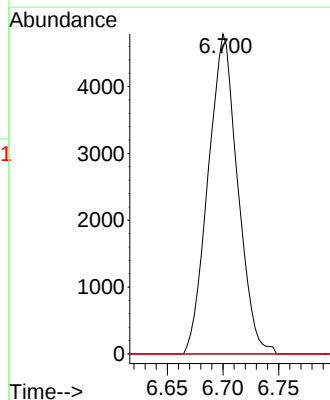
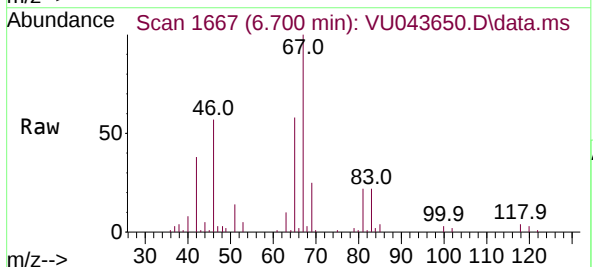
Tgt Ion: 83 Resp: 8826

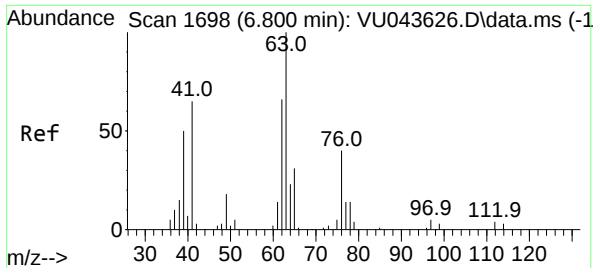
Ion Ratio Lower Upper

83 100

55 0.0 75.8 113.8#

98 0.0 35.5 53.3#



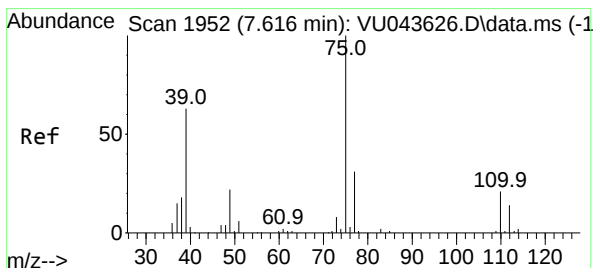
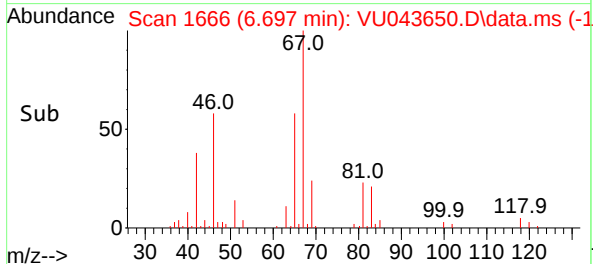
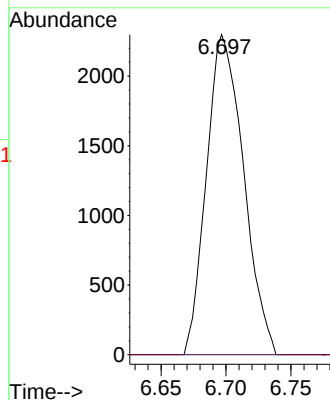
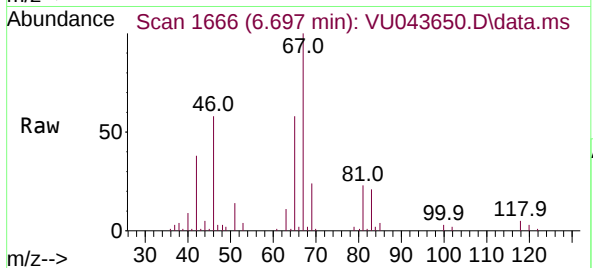


#37

1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043650.D
Acq: 10 May 2021 19:55

Instrument :
MSVOA_U
ClientSampleId :

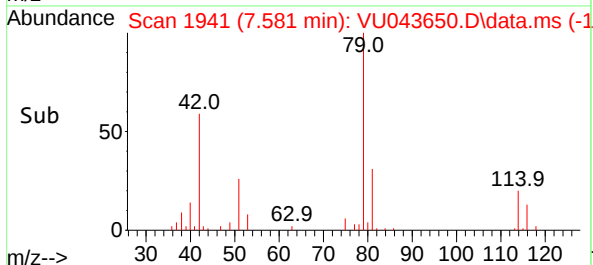
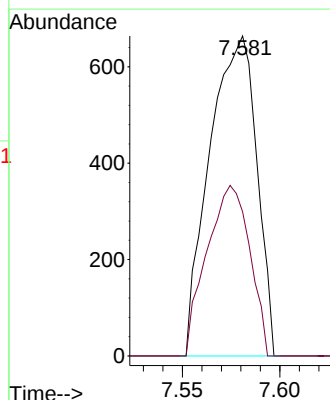
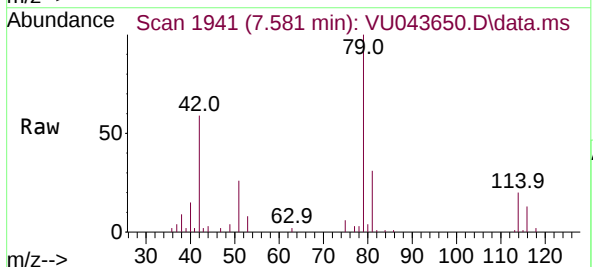
Tgt Ion: 63 Resp: 4571
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

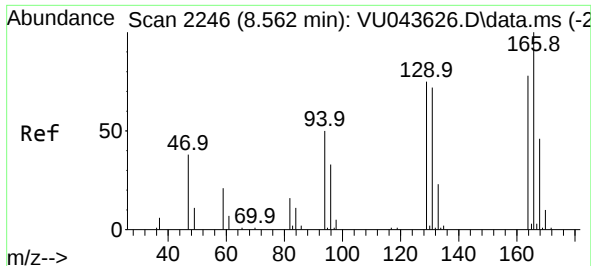


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.035 min
Lab File: VU043650.D
Acq: 10 May 2021 19:55

Tgt Ion: 75 Resp: 1114
Ion Ratio Lower Upper
75 100
77 45.0 21.9 40.7#





#47

Tetrachloroethene

Concen: 1.10 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

Tgt Ion:164 Resp: 5168

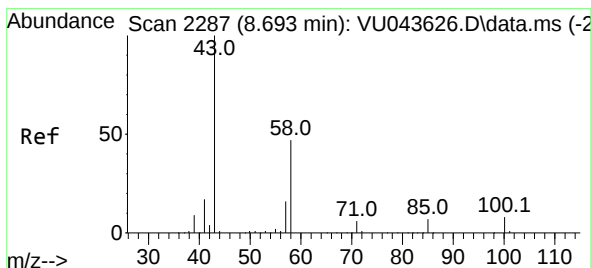
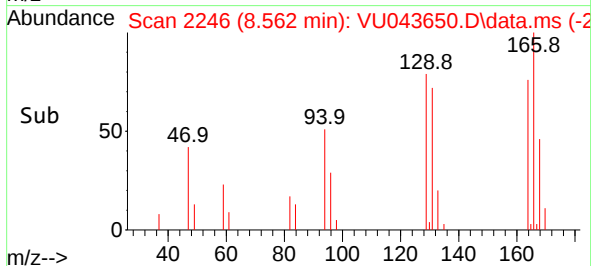
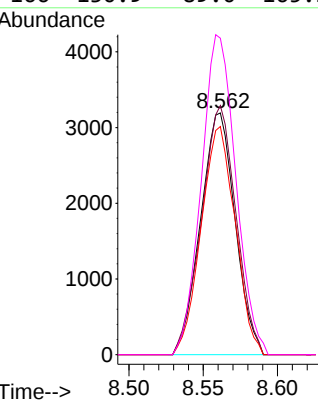
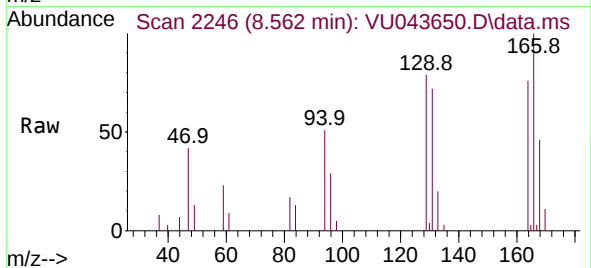
Ion Ratio Lower Upper

164 100

129 103.0 62.5 116.1

131 94.3 64.9 120.5

166 130.9 89.0 165.2



#48

2-Hexanone

Concen: 1.00 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.007 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

Tgt Ion: 43 Resp: 4496

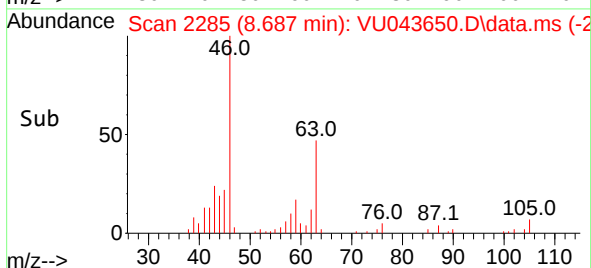
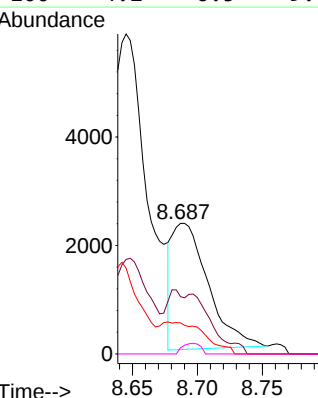
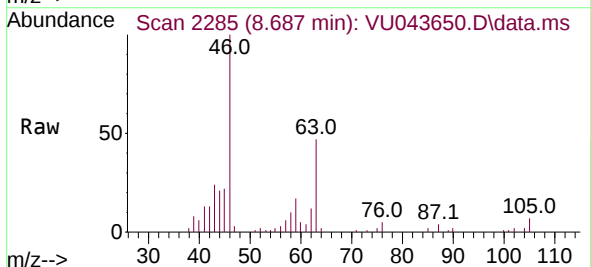
Ion Ratio Lower Upper

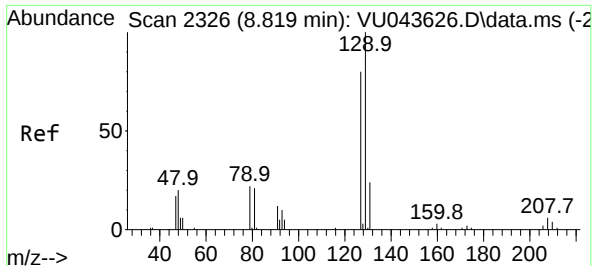
43 100

58 7.5 36.8 55.2#

57 28.8 13.2 19.8#

100 4.2 6.5 9.7#





#49

Dibromochloromethane

Concen: 0.86 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043650.D

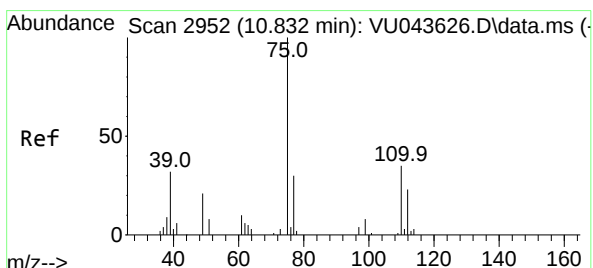
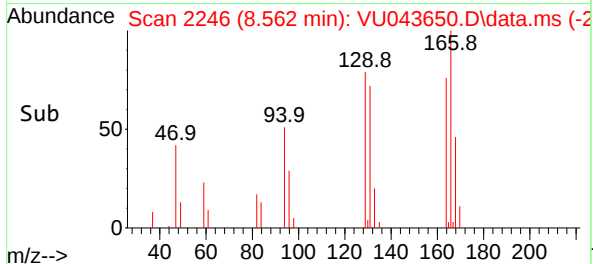
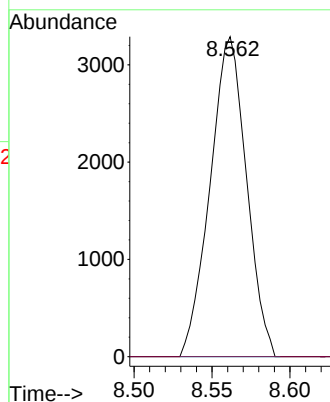
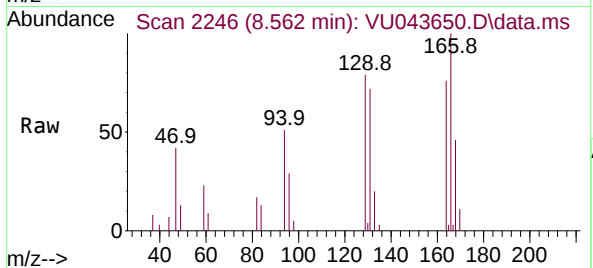
Acq: 10 May 2021 19:55

Tgt Ion:129 Resp: 5332

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.36 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043650.D

Acq: 10 May 2021 19:55

Tgt Ion: 75 Resp: 5761

Ion Ratio Lower Upper

75 100

110 0.0 28.6 42.8#

77 32.7 25.7 38.5

