

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043658.D
 Acq On : 11 May 2021 12:44
 Operator : SY/MD
 Sample : M2301-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:28:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

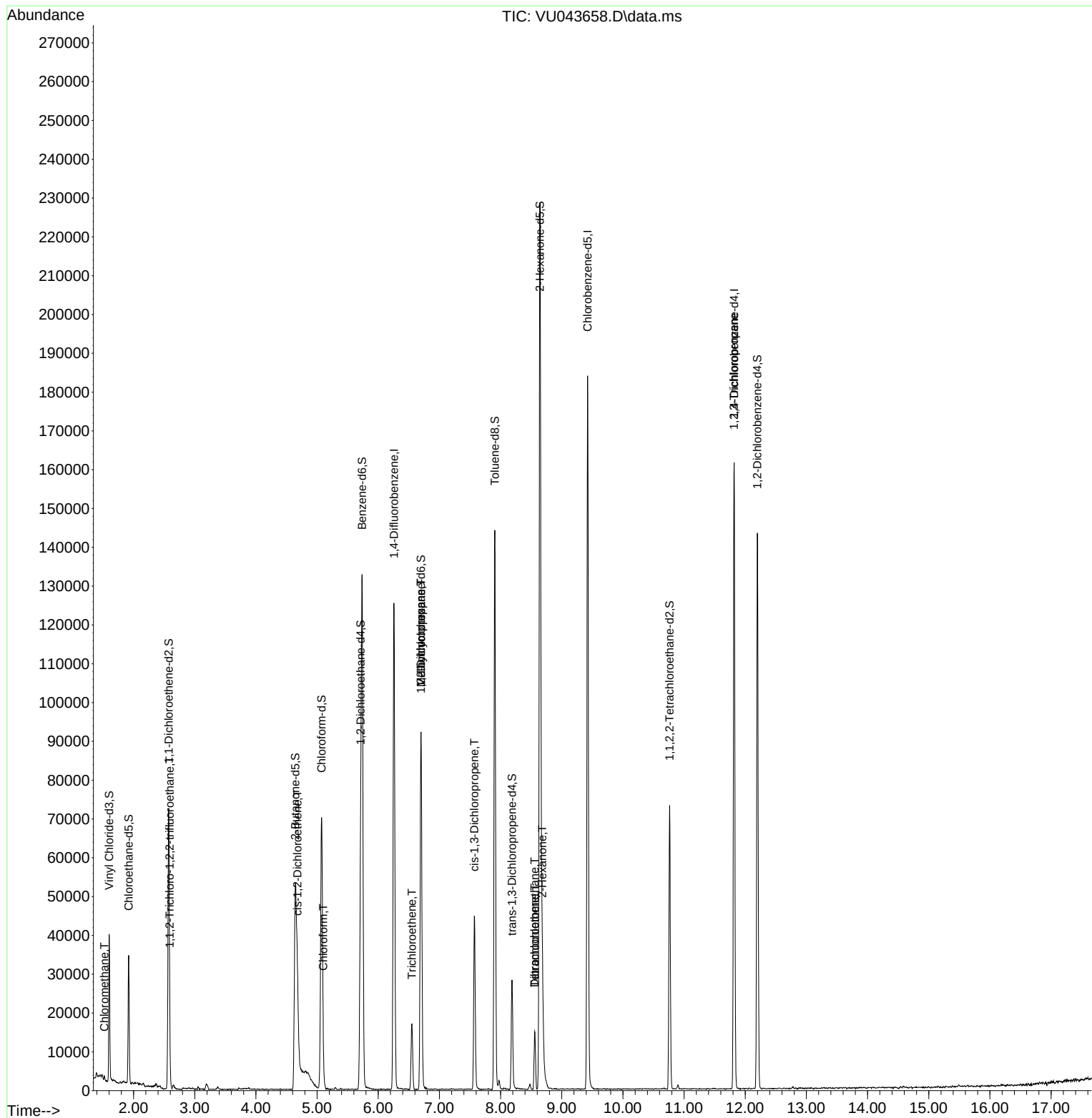
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91547	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40002	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	25947	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.919	69	22358	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.575	65	13825	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.645	46	107401	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	5.073	84	62116	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.713	65	39753	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	108388	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.700	67	41584	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	87610	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloroprop...	8.185	79	14605	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.642	63	82340	56.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35637	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	33711	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	717	0.11	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	1964	0.33	ug/L #	82
22) cis-1,2-Dichloroethene	4.678	96	5281	0.85	ug/L	97
25) Chloroform	5.099	83	2902	0.22	ug/L	94
34) Trichloroethene	6.549	95	5747	0.93	ug/L	97
35) Methylcyclohexane	6.700	83	8802	1.10	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4656	0.65	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1174	0.12	ug/L #	62
47) Tetrachloroethene	8.558	164	3027	0.67	ug/L	93
48) 2-Hexanone	8.684	43	4247	0.97	ug/L #	76
49) Dibromochloromethane	8.558	129	3190	0.53	ug/L #	12
61) 1,2,3-Trichloropropane	11.815	75	5562	1.37	ug/L #	66

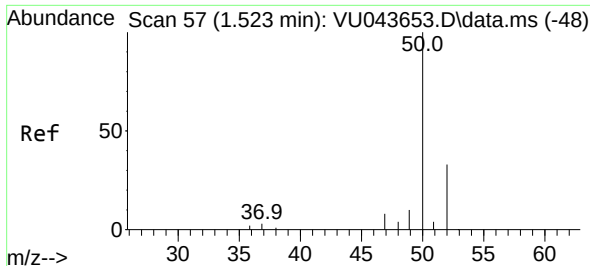
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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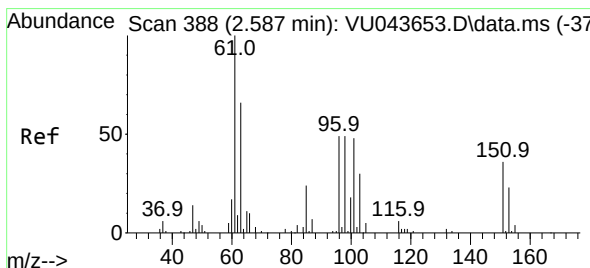
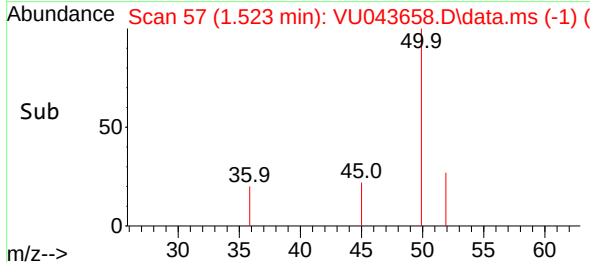
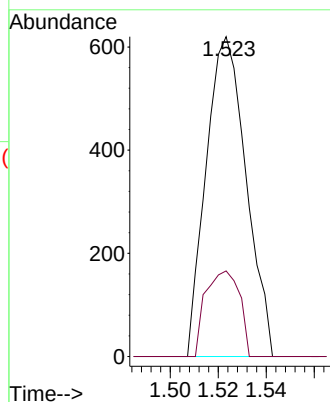
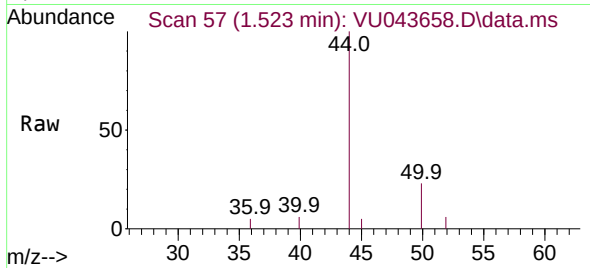




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

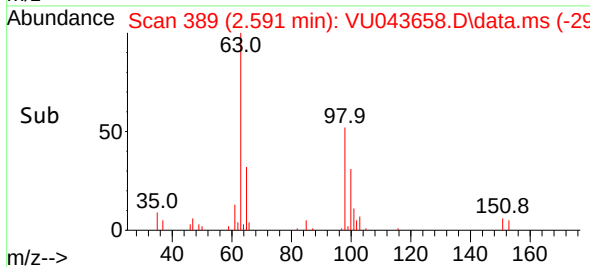
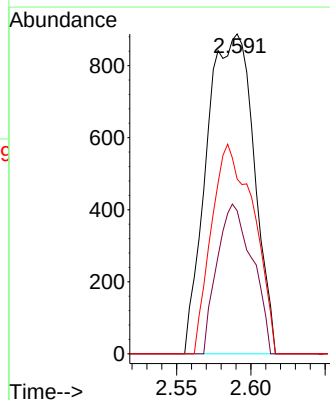
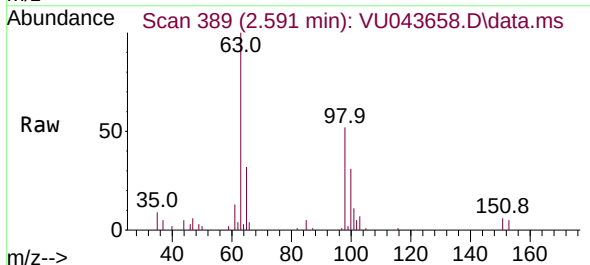
Instrument :
MSVOA_U
ClientSampled :

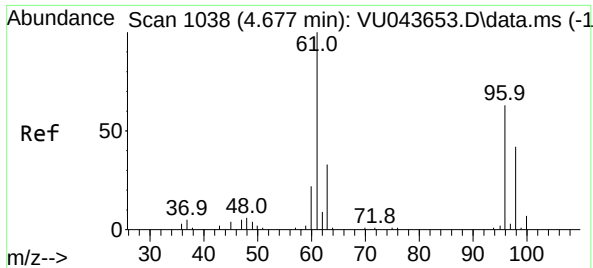
Tgt Ion: 50 Resp: 717
Ion Ratio Lower Upper
50 100
52 26.8 22.1 41.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.33 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Tgt Ion: 101 Resp: 1964
Ion Ratio Lower Upper
101 100
85 35.0 38.5 57.7#
151 58.7 58.5 87.7

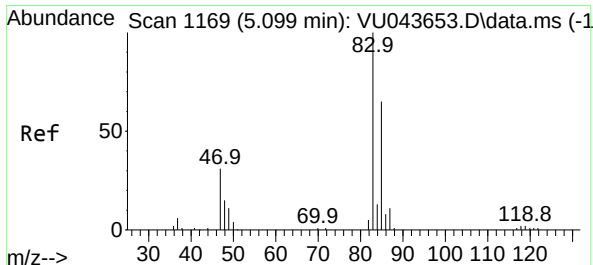
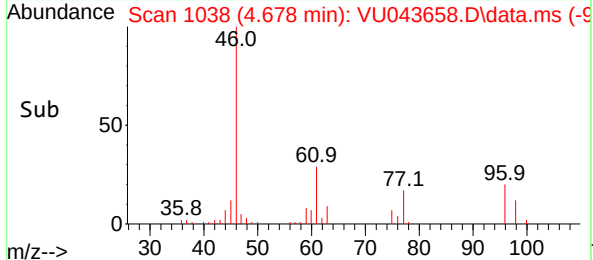
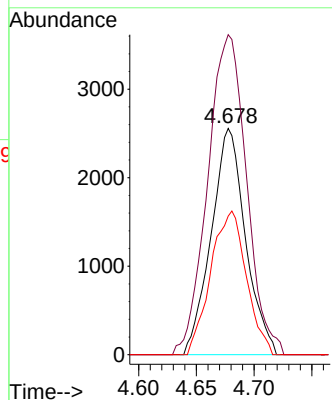
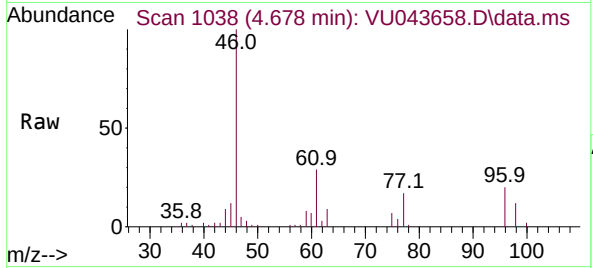




#22
 cis-1,2-Dichloroethene
 Concen: 0.85 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043658.D
 Acq: 11 May 2021 12:44

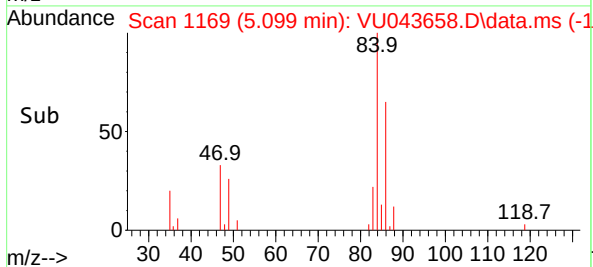
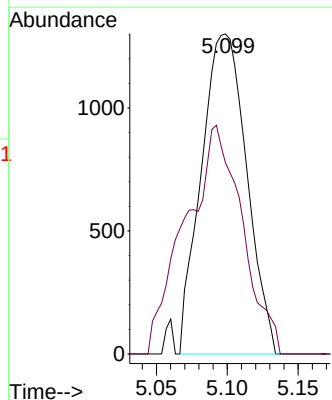
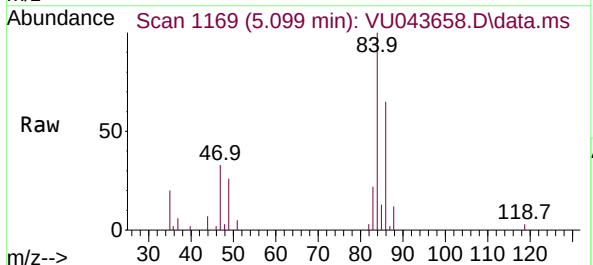
Instrument :
 MSVOA_U
 ClientSampled :

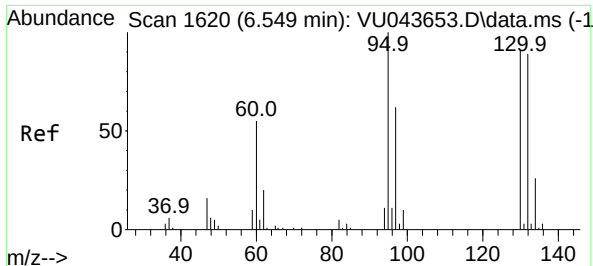
Tgt Ion: 96 Resp: 5281
 Ion Ratio Lower Upper
 96 100
 61 141.4 102.8 190.8
 98 61.2 42.8 79.6



#25
 Chloroform
 Concen: 0.22 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. 0.000 min
 Lab File: VU043658.D
 Acq: 11 May 2021 12:44

Tgt Ion: 83 Resp: 2902
 Ion Ratio Lower Upper
 83 100
 85 59.7 45.1 83.9



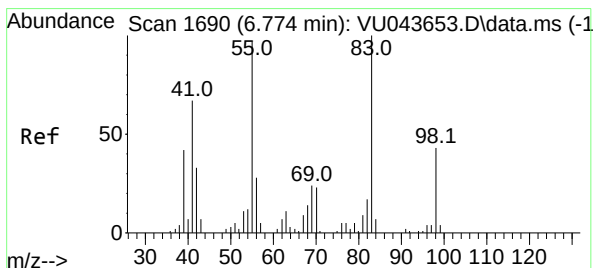
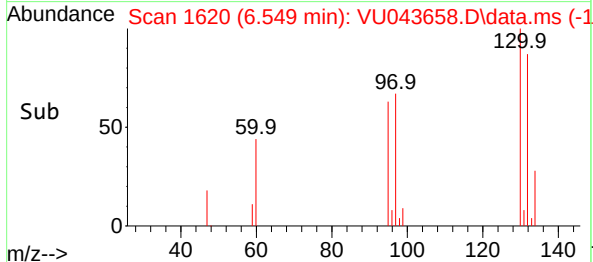
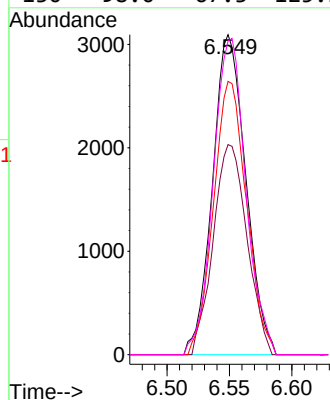
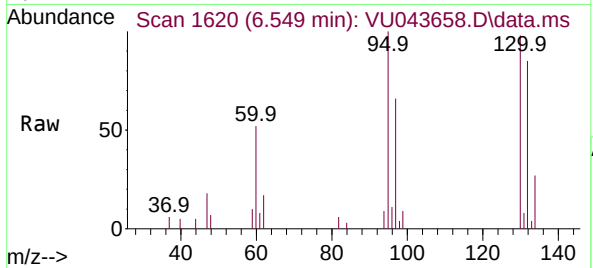


#34
Trichloroethene
Concen: 0.93 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 5747

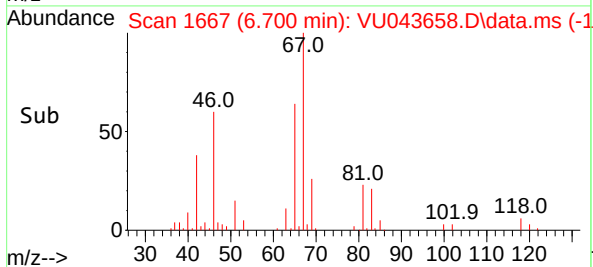
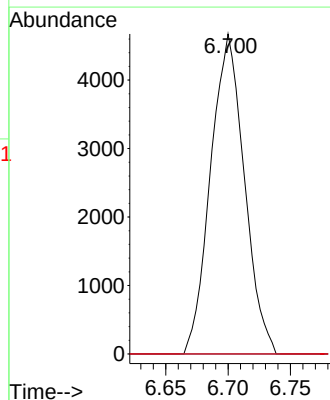
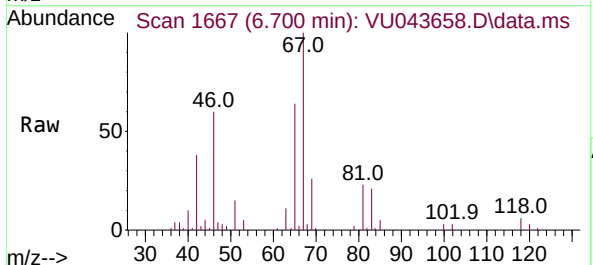
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.5	86.5
132	85.4	64.1	119.1
130	98.0	67.3	125.1

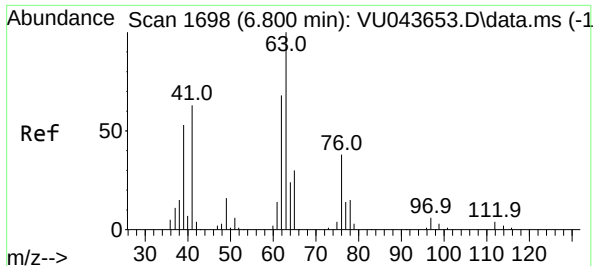


#35
Methylcyclohexane
Concen: 1.10 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Tgt Ion: 83 Resp: 8802

Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.8	35.5	53.3#



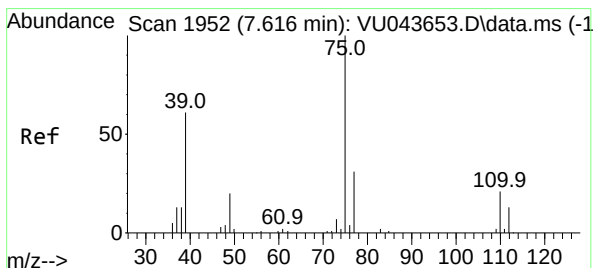
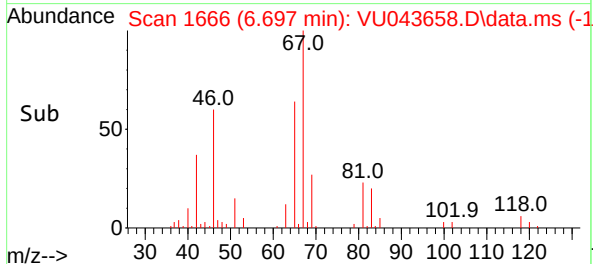
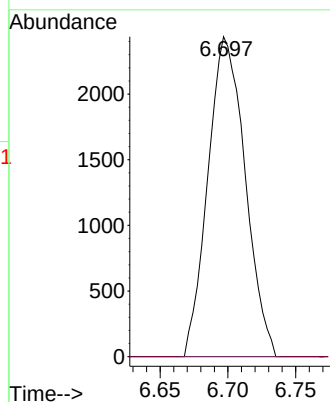
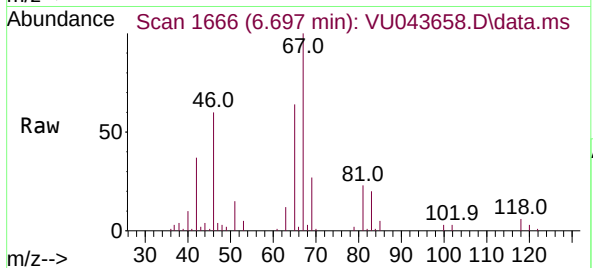


#37

1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Instrument :
MSVOA_U
ClientSampleId :

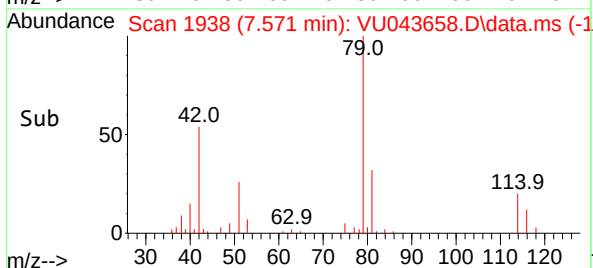
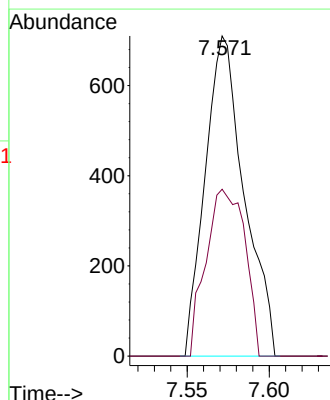
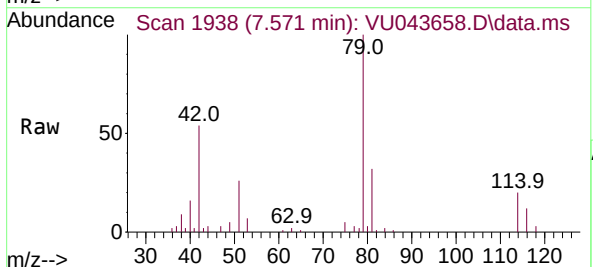
Tgt Ion: 63 Resp: 4656
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

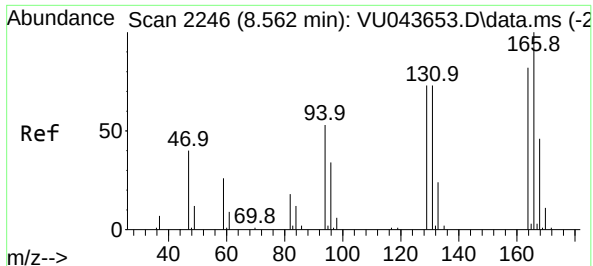


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Tgt Ion: 75 Resp: 1174
Ion Ratio Lower Upper
75 100
77 52.1 21.9 40.7#



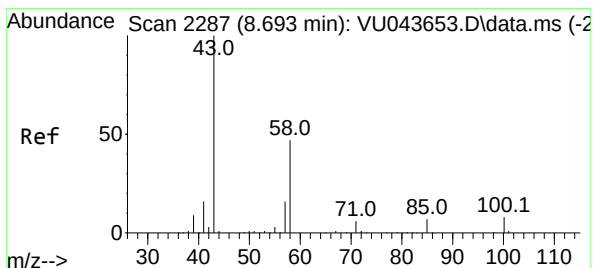
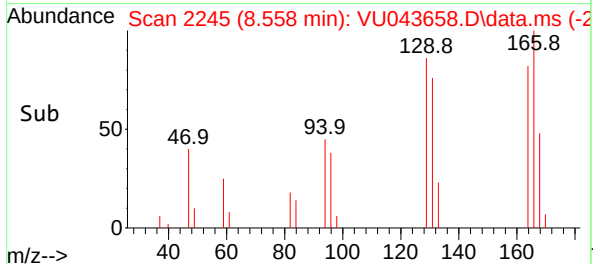
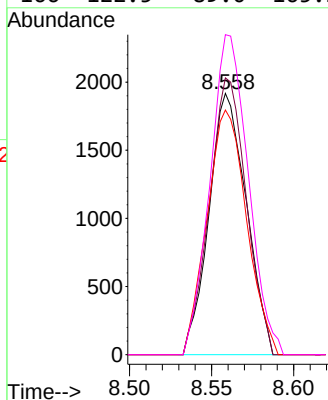
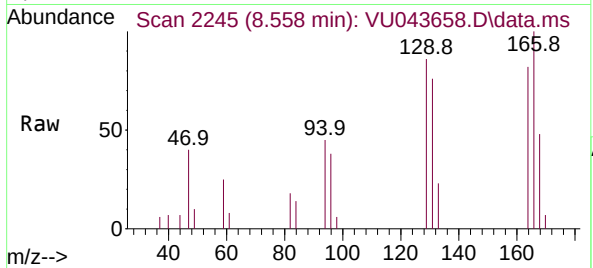


#47
Tetrachloroethene
Concen: 0.67 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 3027

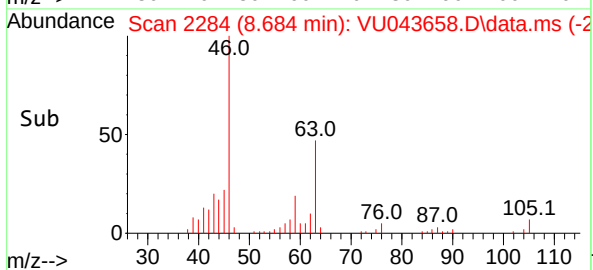
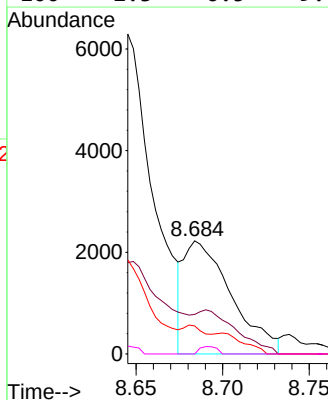
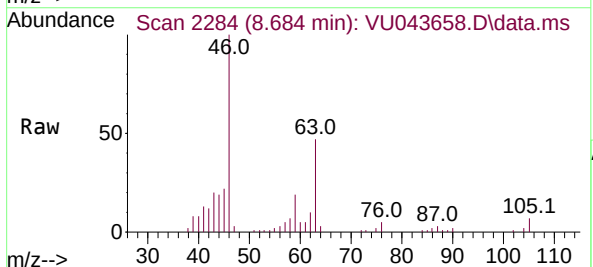
Ion	Ratio	Lower	Upper
164	100		
129	105.9	62.5	116.1
131	93.6	64.9	120.5
166	122.5	89.0	165.2

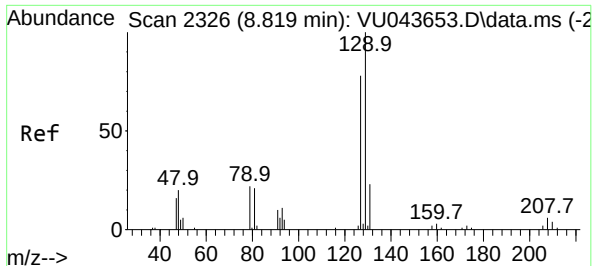


#48
2-Hexanone
Concen: 0.97 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.010 min
Lab File: VU043658.D
Acq: 11 May 2021 12:44

Tgt Ion: 43 Resp: 4247

Ion	Ratio	Lower	Upper
43	100		
58	30.9	36.8	55.2#
57	3.7	13.2	19.8#
100	2.3	6.5	9.7#





#49

Dibromochloromethane

Concen: 0.53 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043658.D

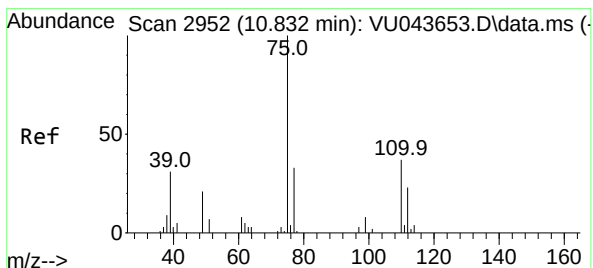
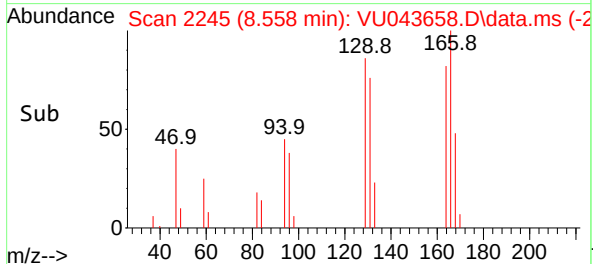
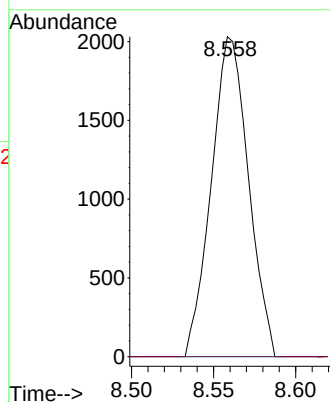
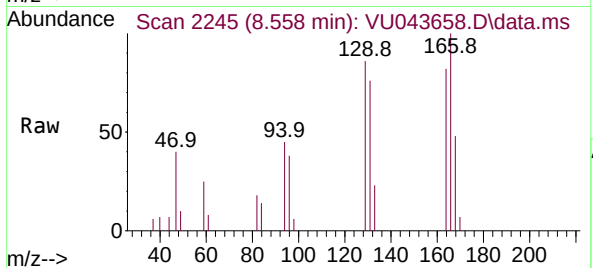
Acq: 11 May 2021 12:44

Tgt Ion:129 Resp: 3190

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.37 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.984 min

Lab File: VU043658.D

Acq: 11 May 2021 12:44

Tgt Ion: 75 Resp: 5562

Ion Ratio Lower Upper

75 100

110 0.0 28.6 42.8#

77 30.3 25.7 38.5

