

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042658.D
 Acq On : 15 Mar 2021 12:34
 Operator : SY/MD
 Sample : M1656-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW110

Quant Time: Mar 16 01:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	64402	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	63547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	28974	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20700	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.919	69	18986	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.575	63	36400	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.649	46	77876	55.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.48%
24) Chloroform-d	5.073	84	48888	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.713	65	32573	6.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.80%
32) Benzene-d6	5.735	84	87912	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.700	67	30077	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.60%
41) Toluene-d8	7.906	98	83212	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloroprop...	8.189	79	12102	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.648	63	62441	55.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.08%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25732	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	33417	6.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.20%#

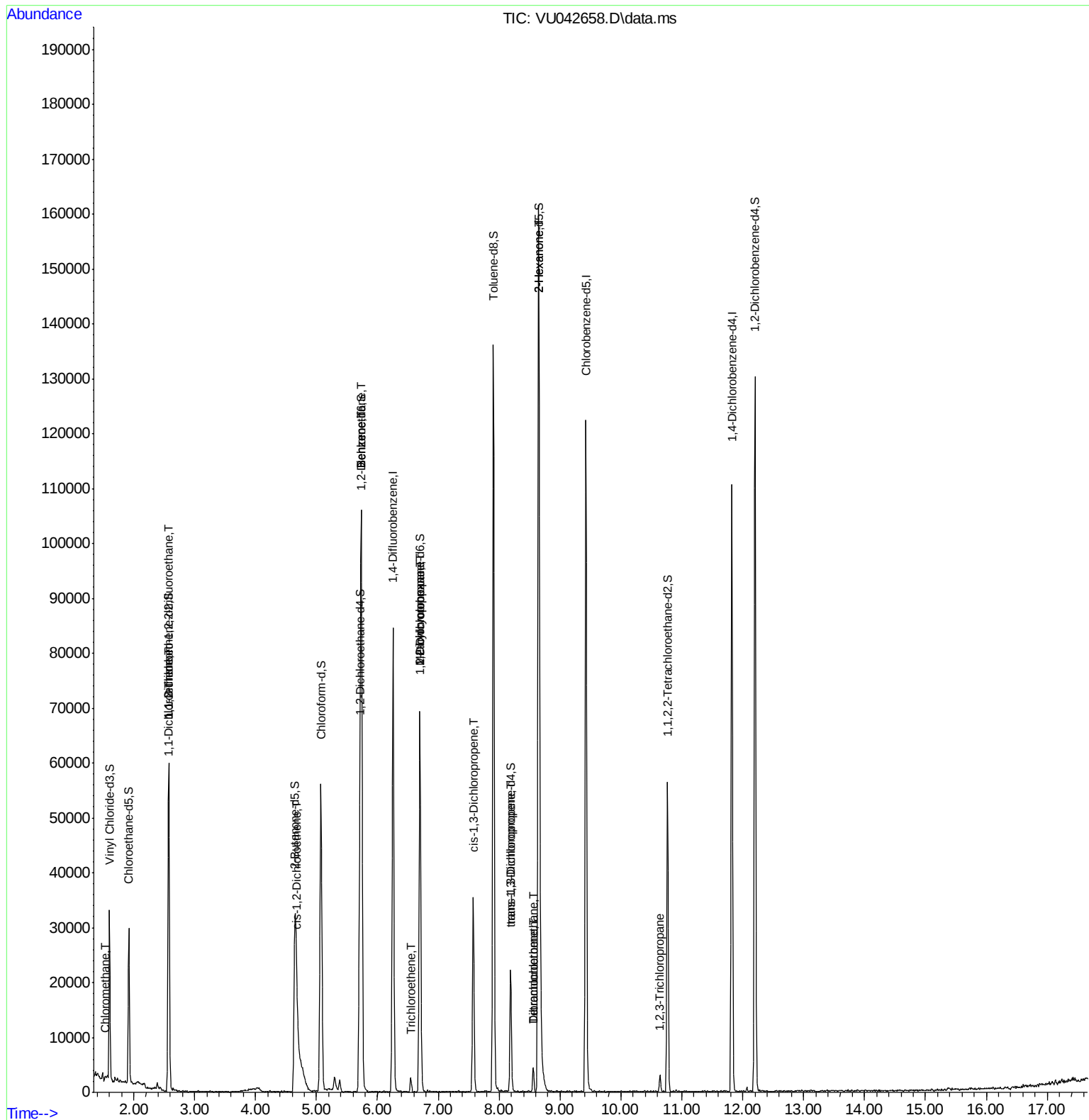
Target Compounds						Qvalue
3) Chloromethane	1.523	50	381	0.07	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	253	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	241	0.05	ug/L #	1
22) cis-1,2-Dichloroethene	4.677	96	2076	0.41	ug/L	98
27) 1,2-Dichloroethane	5.738	62	665	0.09	ug/L #	75
33) Benzene	5.735	78	747	0.04	ug/L	100
34) Trichloroethene	6.552	95	907	0.16	ug/L #	84
35) Methylcyclohexane	6.700	83	7063	0.84	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3753	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	787	0.10	ug/L #	43
44) trans-1,3-Dichloropropene	8.185	75	597	0.08	ug/L	95
47) Tetrachloroethene	8.562	164	1046	0.23	ug/L	94
48) 2-Hexanone	8.648	43	9656	2.80	ug/L #	69
49) Dibromochloromethane	8.562	129	901	0.18	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	538	0.13	ug/L #	42

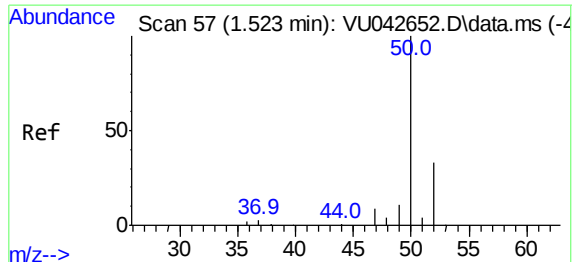
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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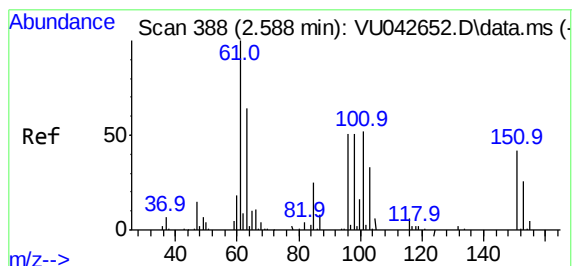
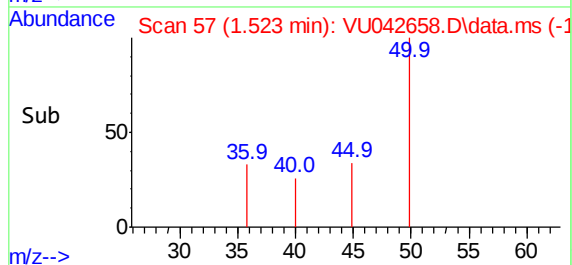
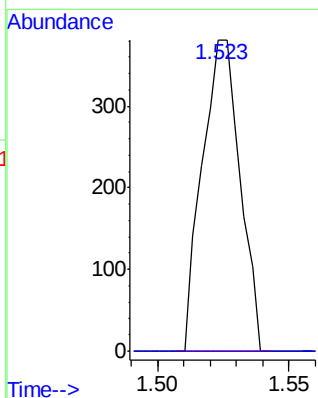
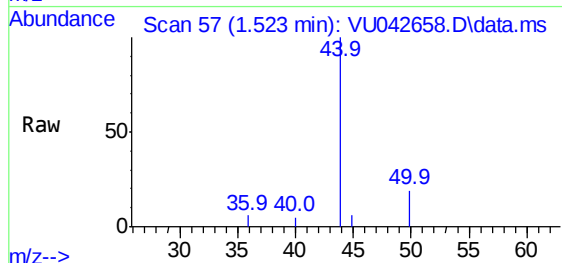




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

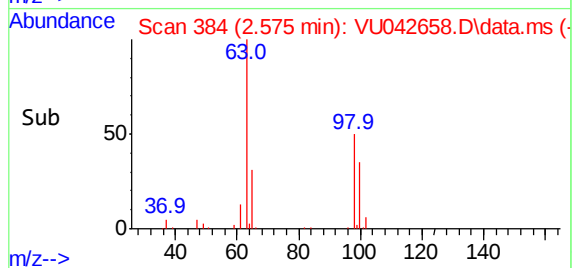
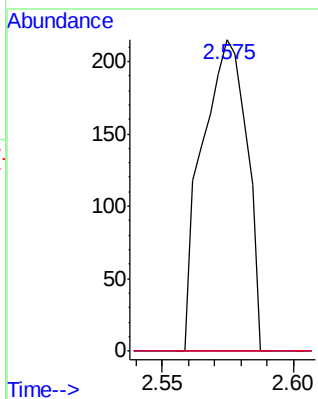
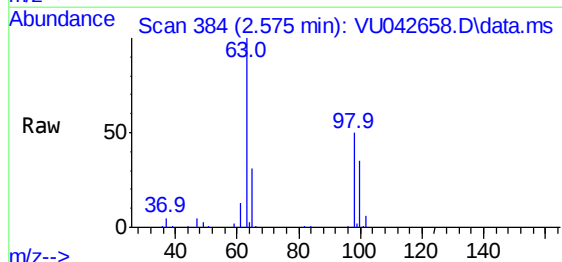
Instrument :
MSVOA_U
ClientSampleId :
EW110

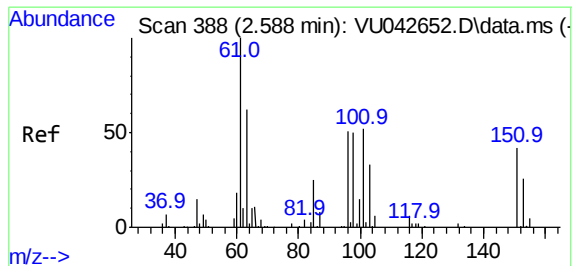
Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

Tgt Ion:101 Resp: 253
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

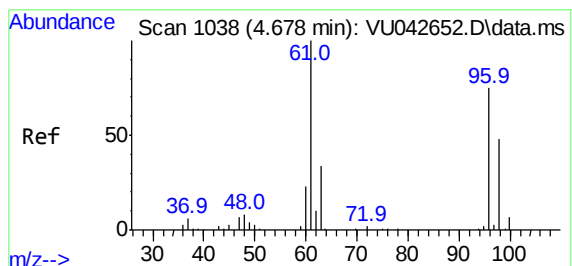
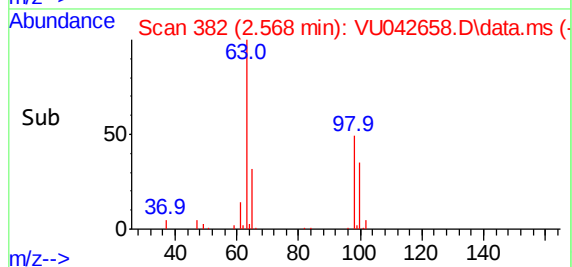
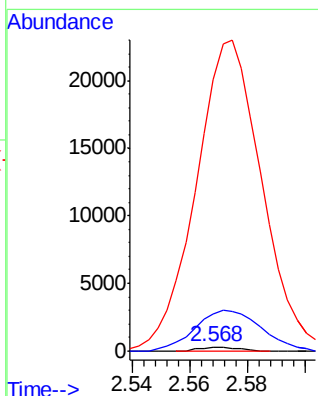
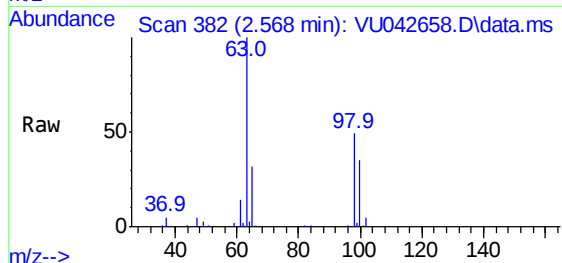




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

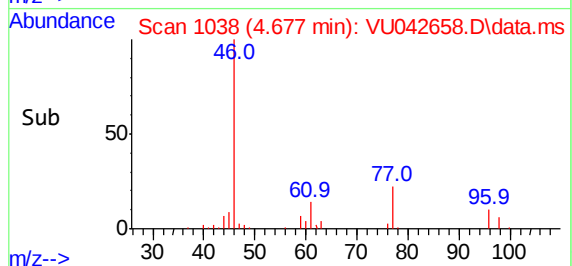
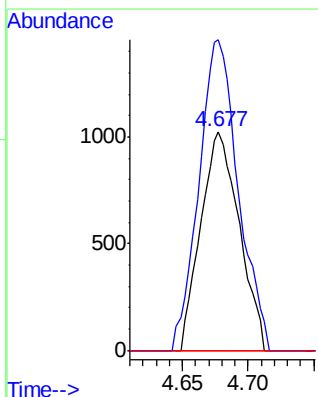
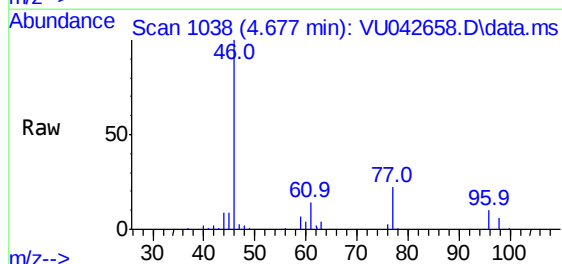
Instrument :
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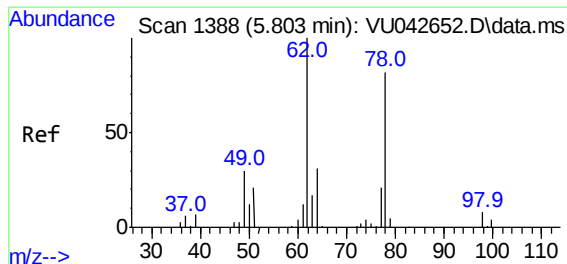
Tgt Ion: 96 Resp: 241
Ion Ratio Lower Upper
96 100
61 1039.8 126.2 234.4#
63 7593.9 77.8 144.4#



#22
cis-1,2-Dichloroethene
Concen: 0.41 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

Tgt Ion: 96 Resp: 2076
Ion Ratio Lower Upper
96 100
61 142.0 97.8 181.6
68 0.0 0.0 0.0

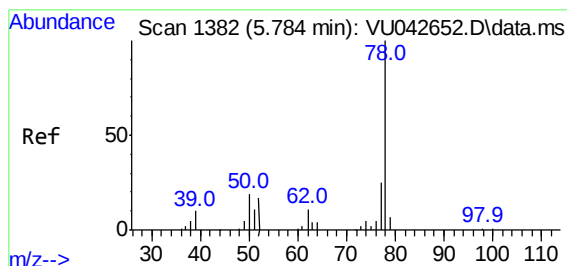
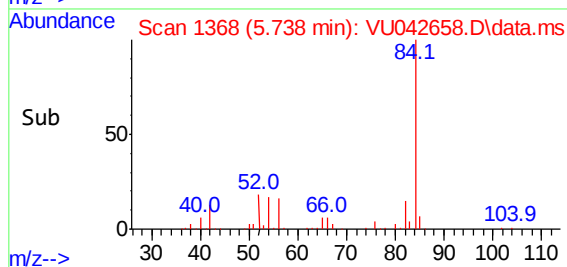
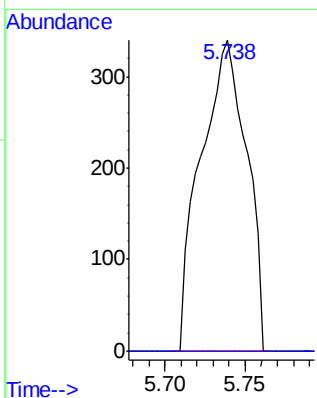
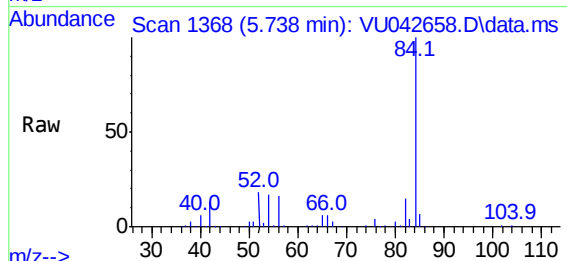




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

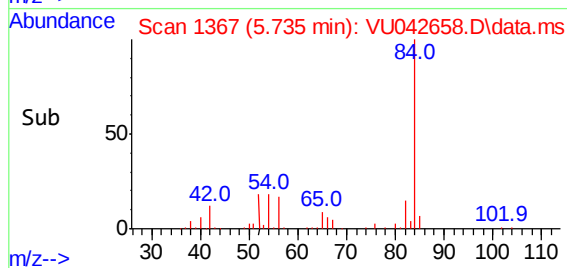
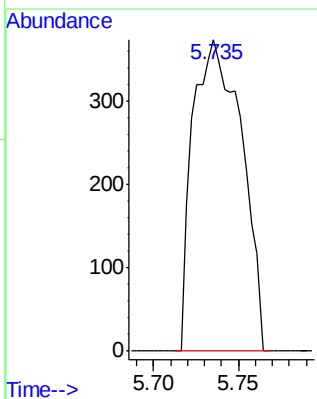
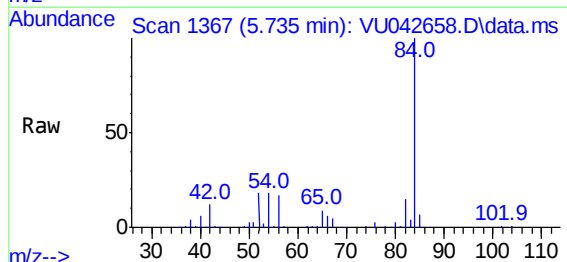
Instrument :
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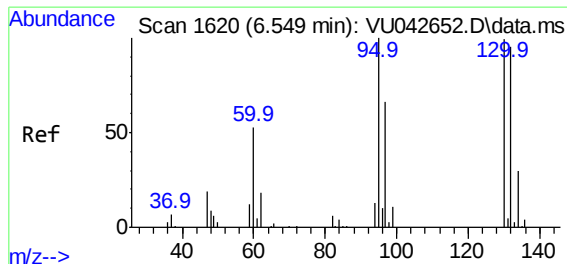
Tgt Ion: 62 Resp: 665
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

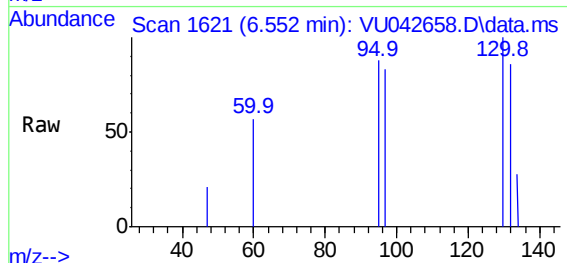
Tgt Ion: 78 Resp: 747





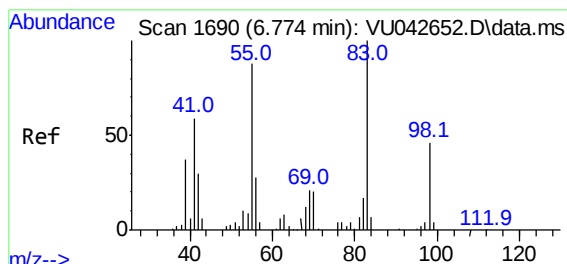
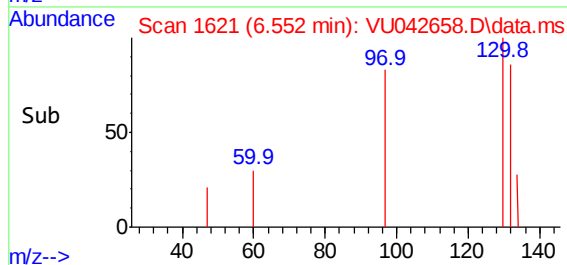
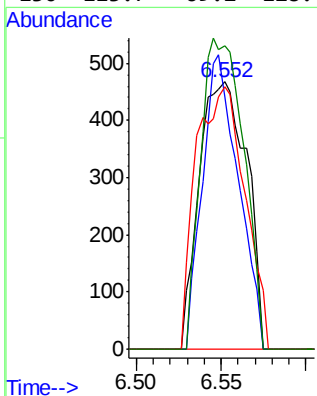
#34
Trichloroethene
Concen: 0.16 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
EW110



Tgt Ion: 95 Resp: 907

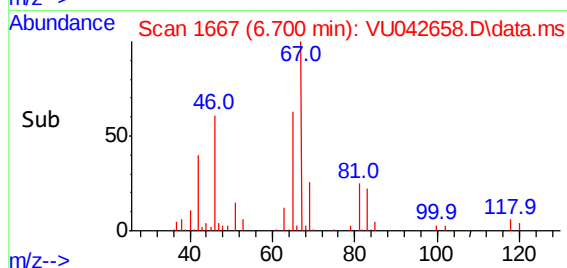
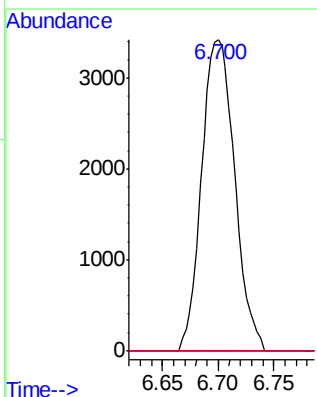
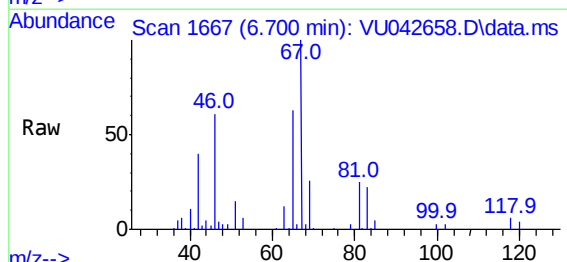
Ion	Ratio	Lower	Upper
95	100		
97	94.4	44.4	82.4#
132	98.3	68.0	126.4
130	113.7	69.2	128.4

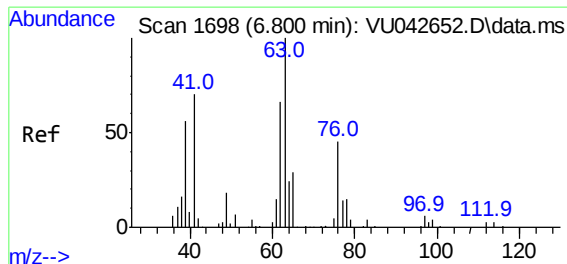


#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

Tgt Ion: 83 Resp: 7063

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

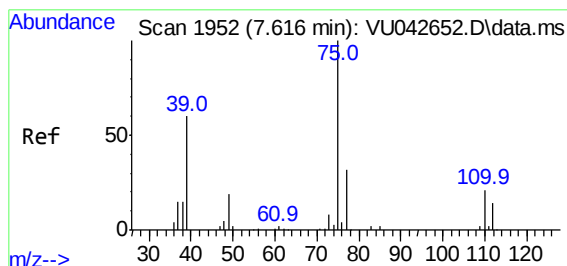
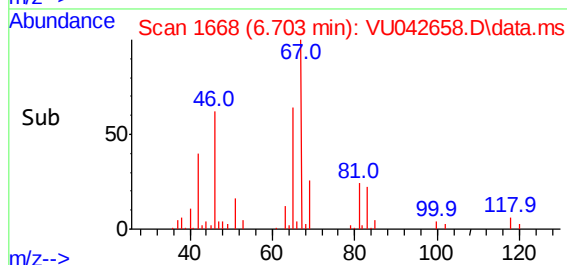
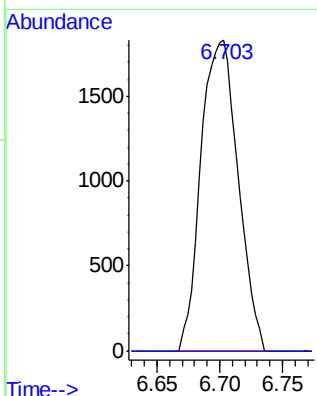
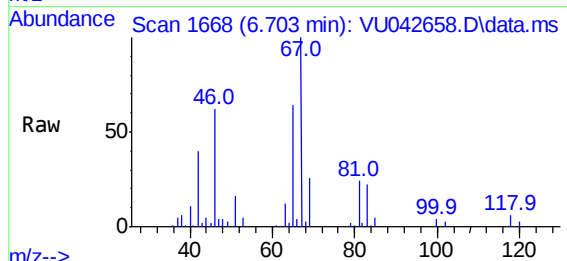




#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

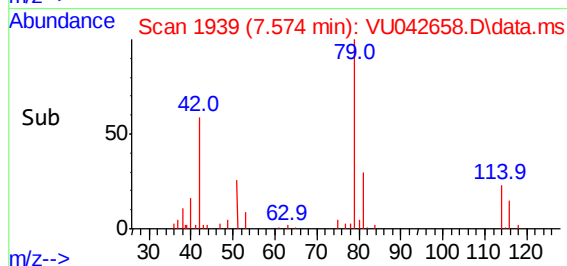
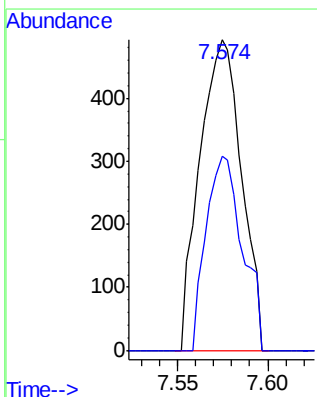
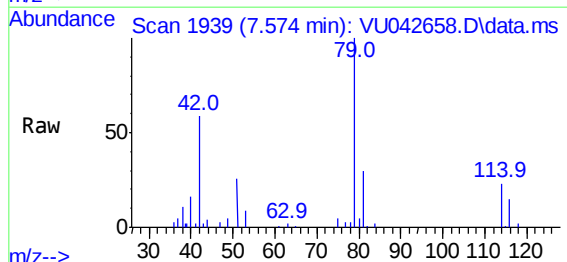
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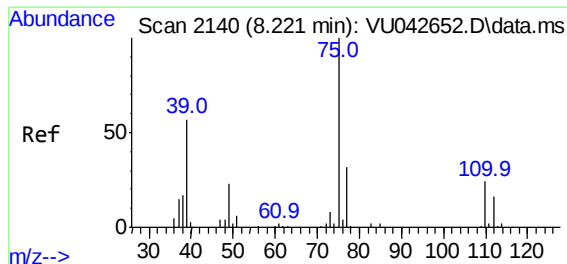
Tgt Ion: 63 Resp: 3753
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

Tgt Ion: 75 Resp: 787
Ion Ratio Lower Upper
75 100
77 62.7 22.0 40.8#

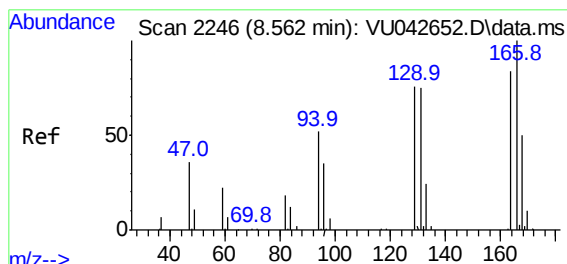
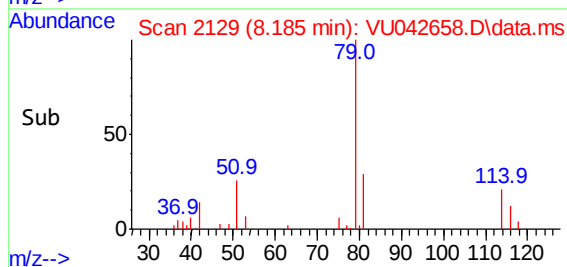
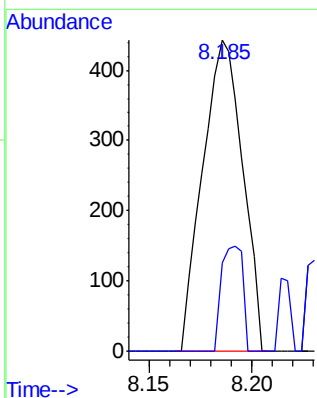
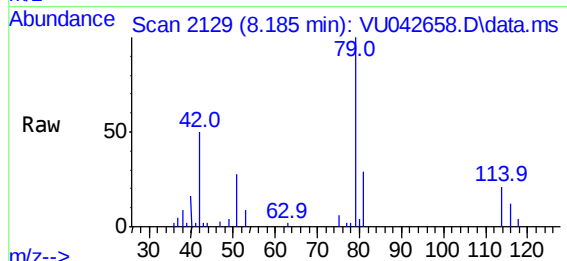




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.036 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

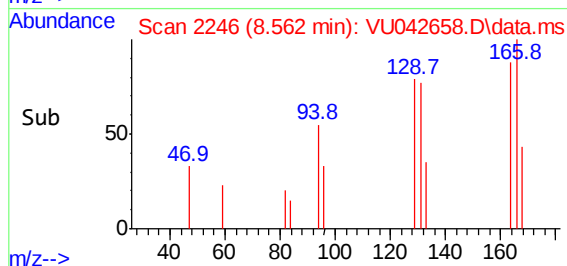
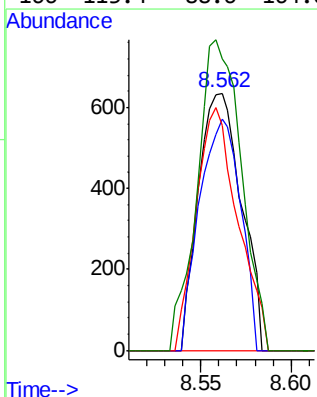
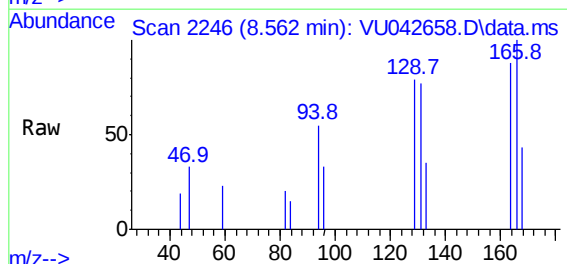
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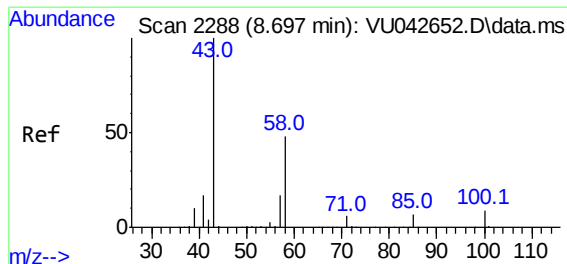
Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
77 28.4 21.8 40.4



#47
Tetrachloroethene
Concen: 0.23 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

Tgt Ion: 164 Resp: 1046
Ion Ratio Lower Upper
164 100
129 90.1 64.3 119.5
131 87.4 62.2 115.6
166 113.4 88.6 164.6

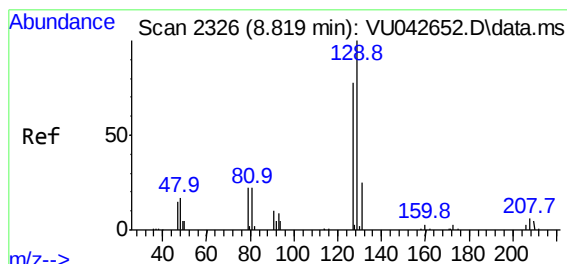
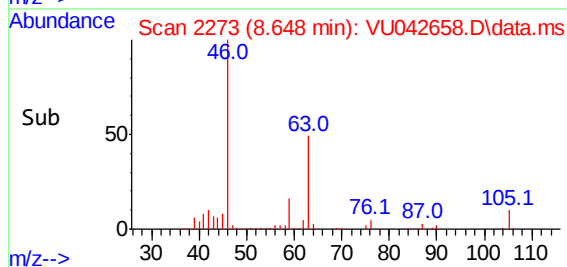
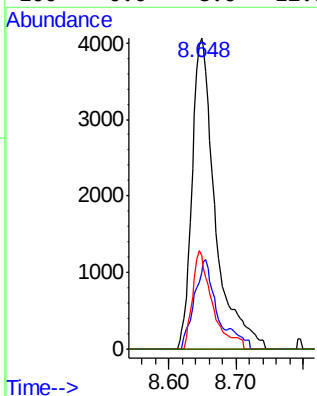
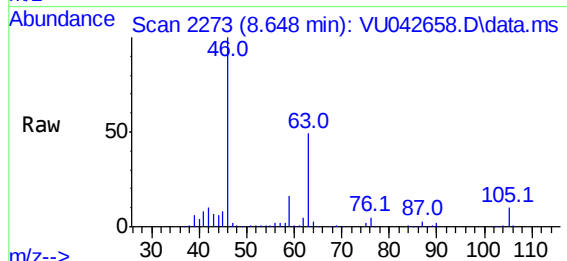




#48
2-Hexanone
Concen: 2.80 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

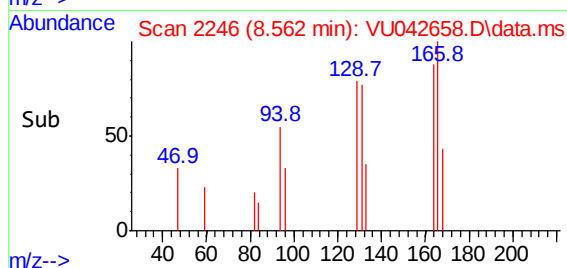
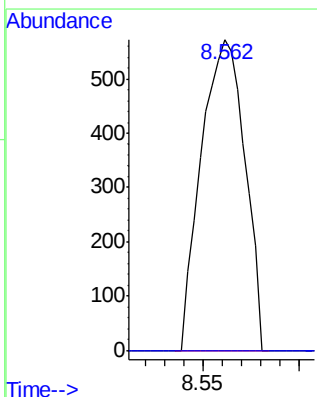
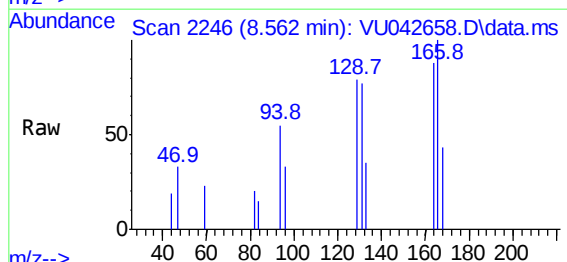
Instrument :
MSVOA_U
ClientSampleId :
EW110

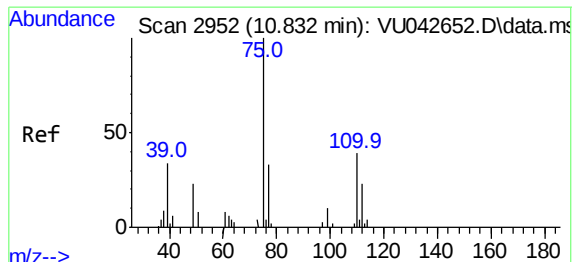
Tgt Ion: 43 Resp: 9656
Ion Ratio Lower Upper
43 100
58 25.3 40.6 61.0#
57 26.9 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.18 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042658.D
Acq: 15 Mar 2021 12:34

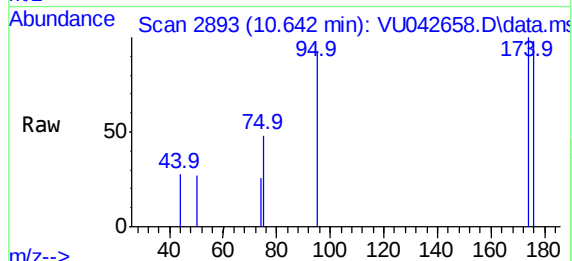
Tgt Ion: 129 Resp: 901
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.13 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042658.D
 Acq: 15 Mar 2021 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 EW110



Tgt Ion: 75 Resp: 538
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

