

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042660.D
 Acq On : 15 Mar 2021 13:22
 Operator : SY/MD
 Sample : M1676-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD9

Quant Time: Mar 16 01:35:38 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)

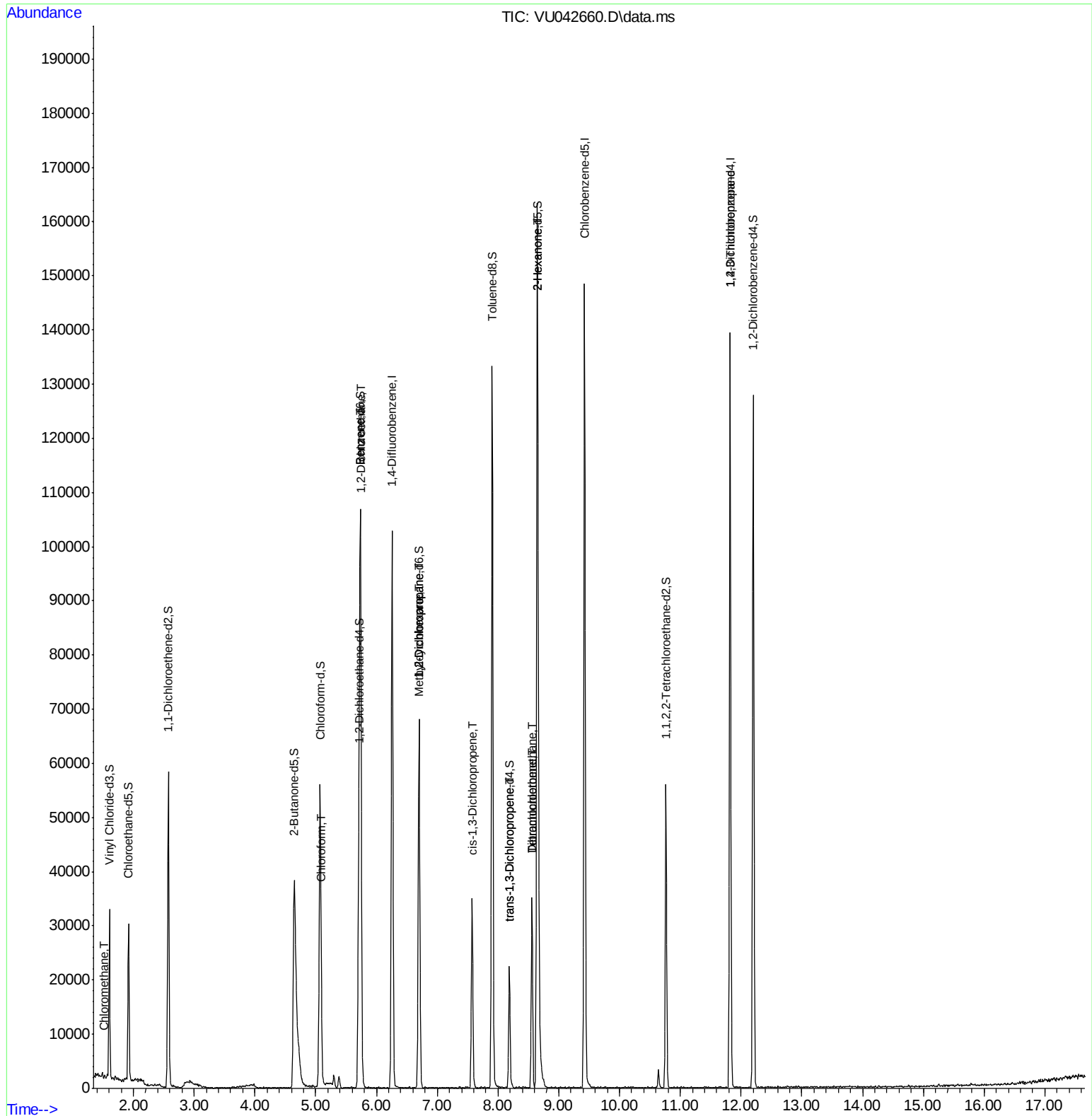
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	78021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	78745	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35224	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20397	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.919	69	18883	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.572	63	34735	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.646	46	91704	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	5.073	84	48716	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.710	65	33235	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.736	84	88261	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.697	67	28872	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	83266	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.186	79	11726	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.645	63	61116	43.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.74%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25207	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	32262	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						
3) Chloromethane	1.520	50	378	0.05	ug/L #	82
25) Chloroform	5.089	83	994	0.08	ug/L	90
27) 1,2-Dichloroethane	5.739	62	505	0.06	ug/L #	75
33) Benzene	5.736	78	853	0.03	ug/L	100
35) Methylcyclohexane	6.703	83	6927	0.67	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3697	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	999	0.10	ug/L #	74
44) trans-1,3-Dichloropropene	8.186	75	542	0.06	ug/L #	72
47) Tetrachloroethene	8.559	164	7123	1.28	ug/L	96
48) 2-Hexanone	8.645	43	9886	2.31	ug/L #	71
49) Dibromochloromethane	8.559	129	6603	1.08	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4724	0.95	ug/L	95

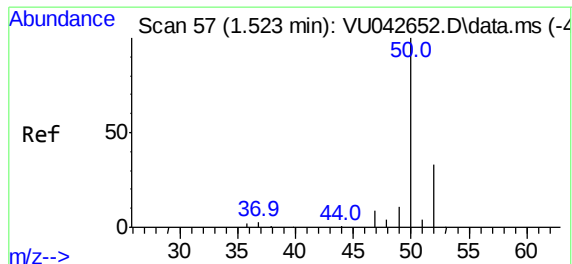
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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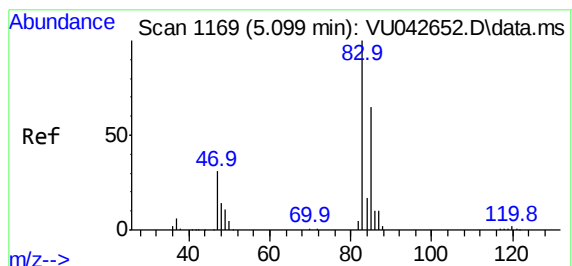
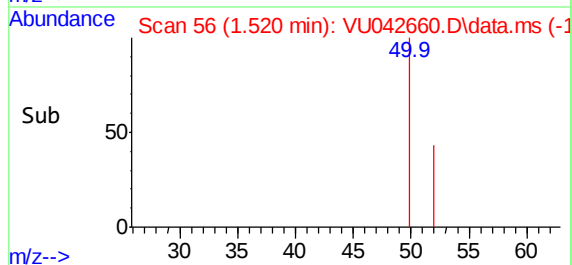
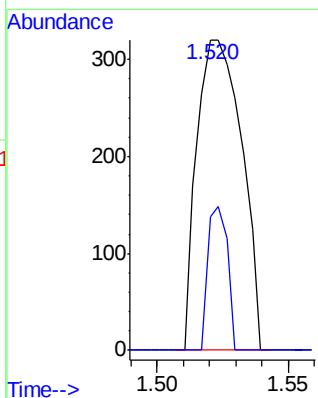
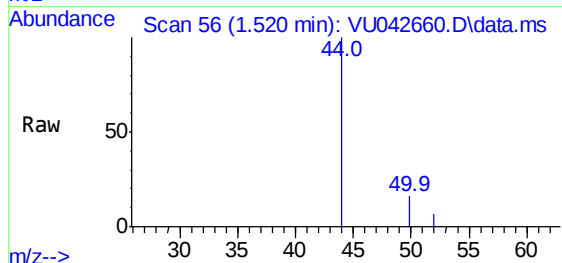




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

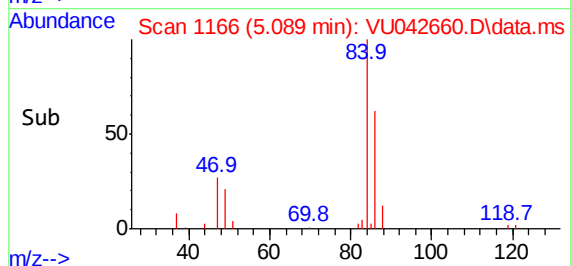
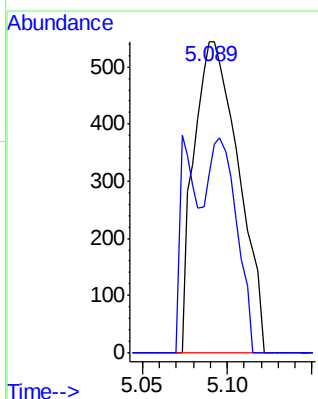
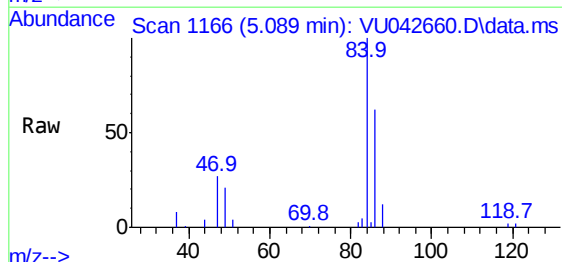
Instrument :
MSVOA_U
ClientSampleId :
C0AD9

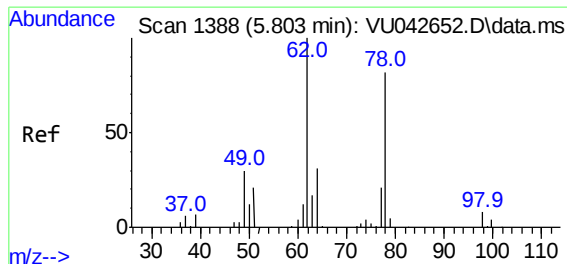
Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 43.1 23.0 42.8#



#25
Chloroform
Concen: 0.08 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 83 Resp: 994
Ion Ratio Lower Upper
83 100
85 57.7 45.7 84.9

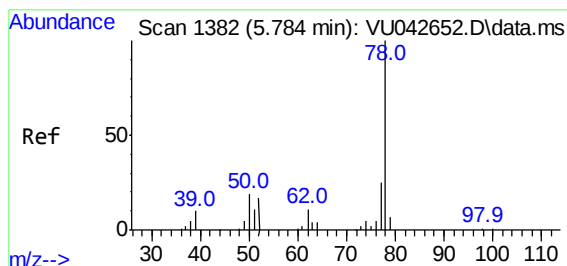
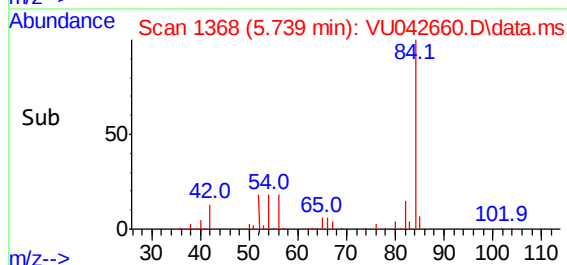
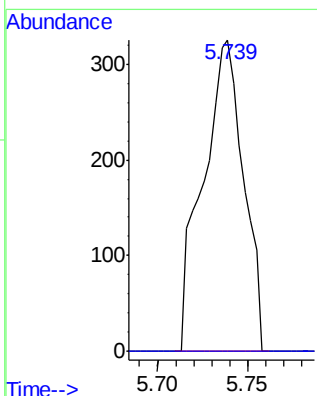
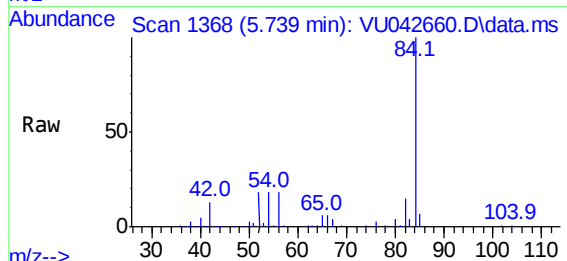




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

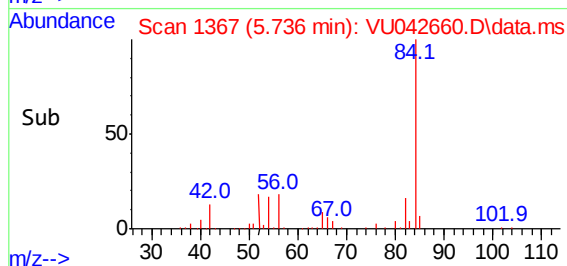
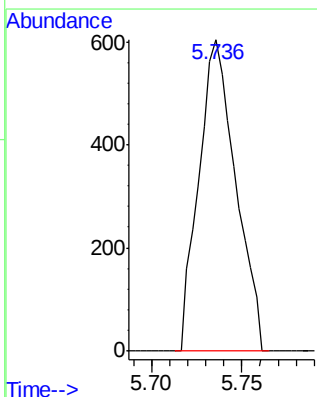
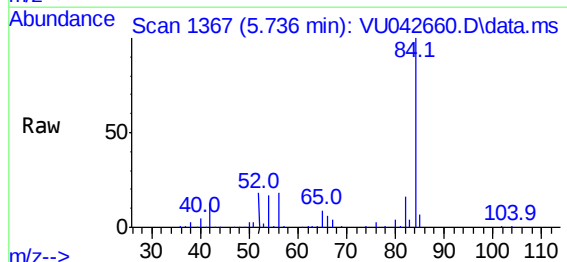
Instrument :
MSVOA_U
ClientSampled :
C0AD9

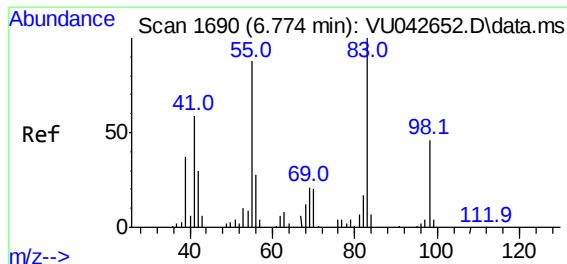
Tgt Ion: 62 Resp: 505
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 78 Resp: 853

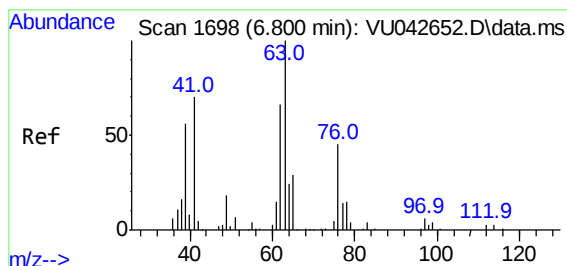
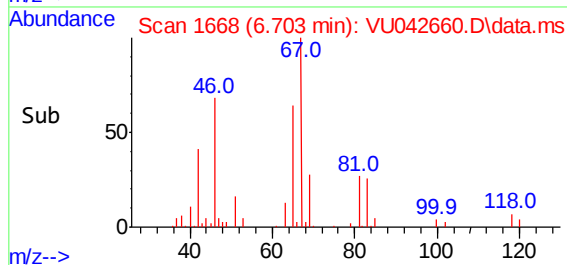
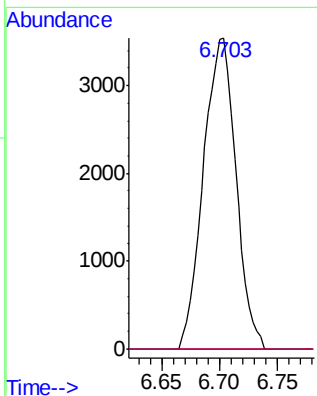
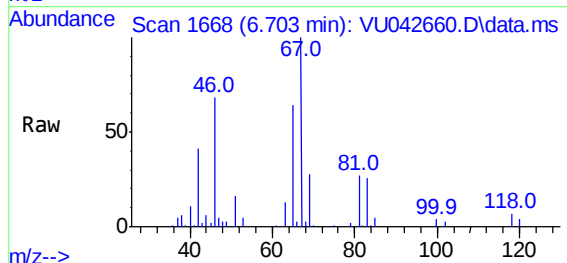




#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

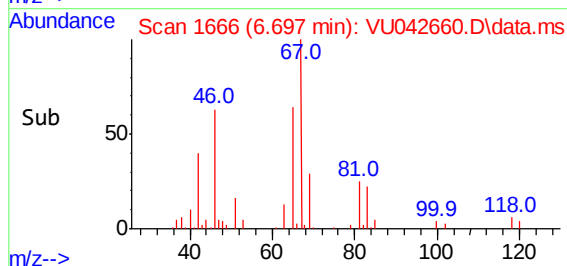
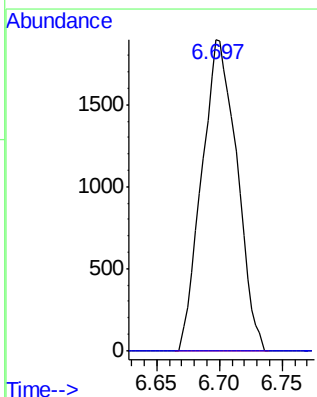
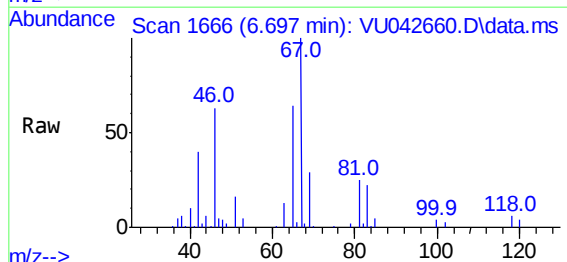
Instrument :
MSVOA_U
ClientSampleId :
C0AD9

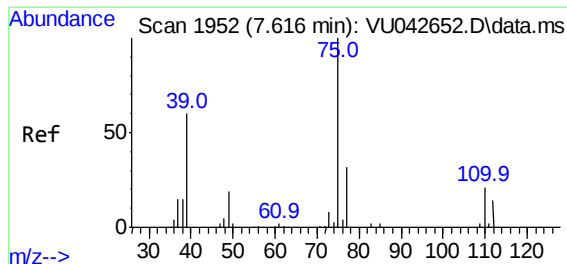
Tgt Ion: 83 Resp: 6927
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 63 Resp: 3697
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

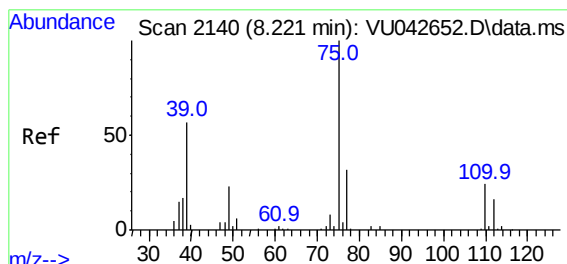
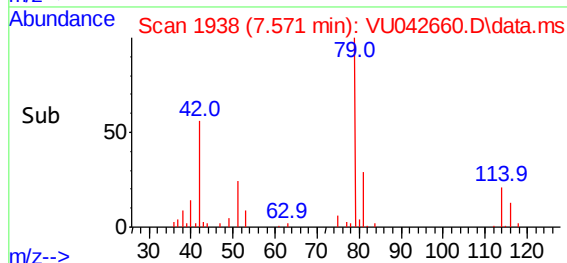
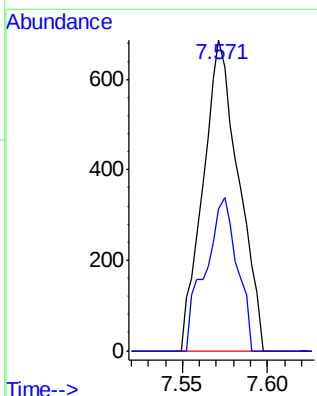
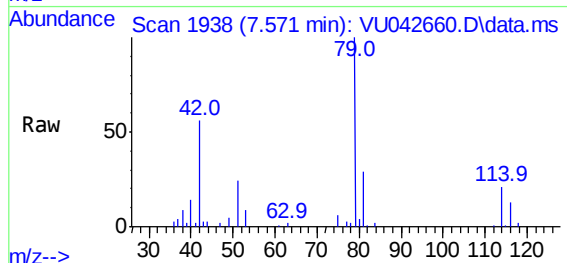




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

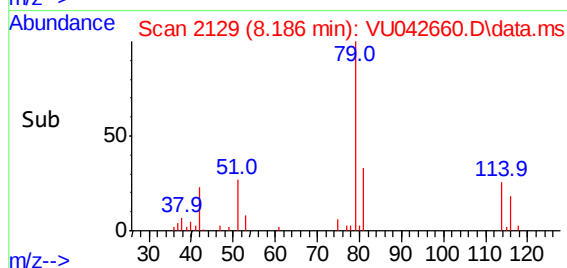
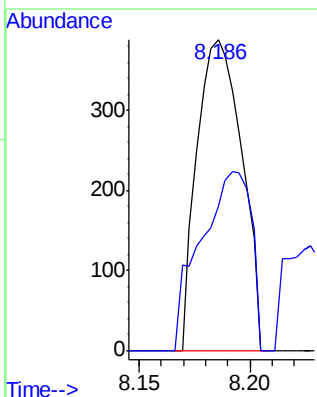
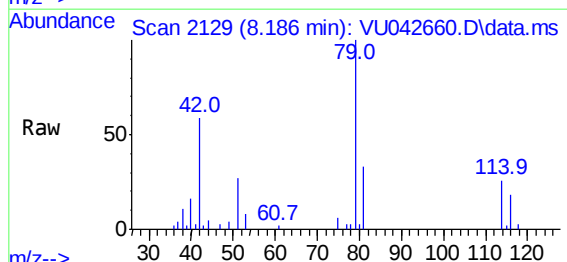
Instrument :
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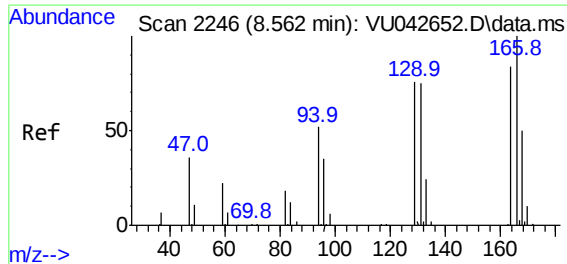
Tgt Ion: 75 Resp: 999
Ion Ratio Lower Upper
75 100
77 45.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 75 Resp: 542
Ion Ratio Lower Upper
75 100
77 46.4 21.8 40.4#

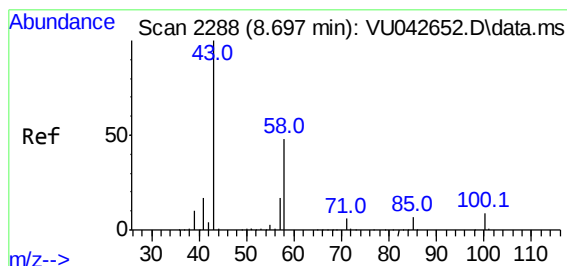
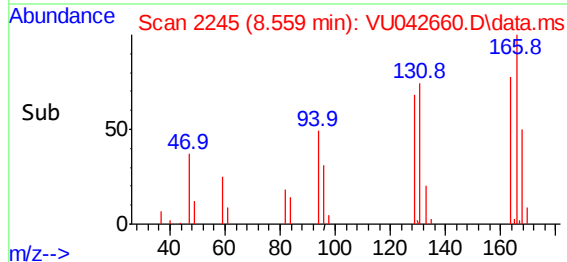
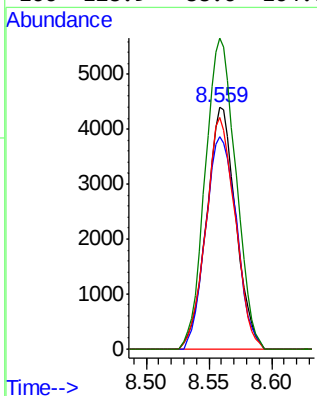
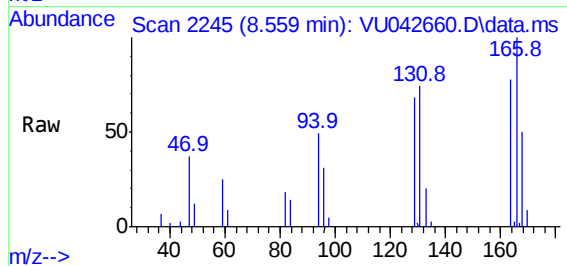




#47
Tetrachloroethene
Concen: 1.28 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

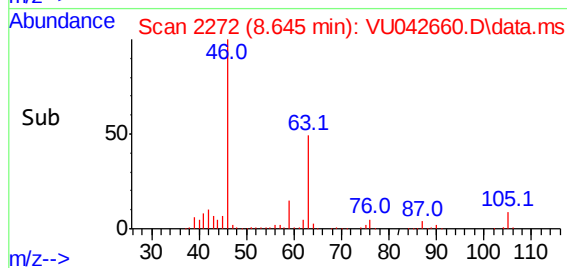
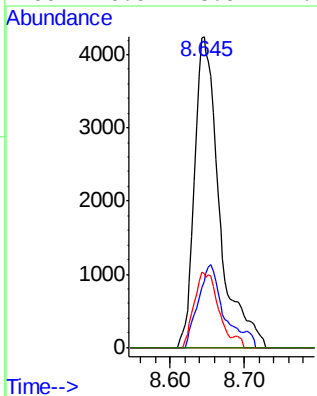
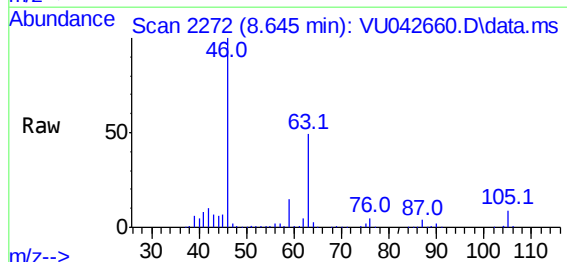
Instrument :
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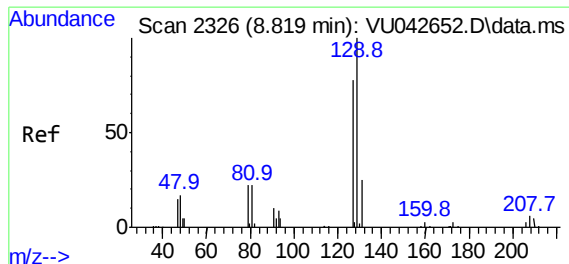
Tgt Ion:164 Resp: 7123
Ion Ratio Lower Upper
164 100
129 87.8 64.3 119.5
131 95.7 62.2 115.6
166 128.9 88.6 164.6



#48
2-Hexanone
Concen: 2.31 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 43 Resp: 9886
Ion Ratio Lower Upper
43 100
58 26.0 40.6 61.0#
57 23.1 14.9 22.3#
100 0.0 8.6 12.8#

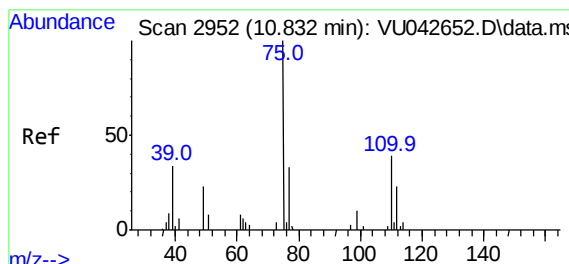
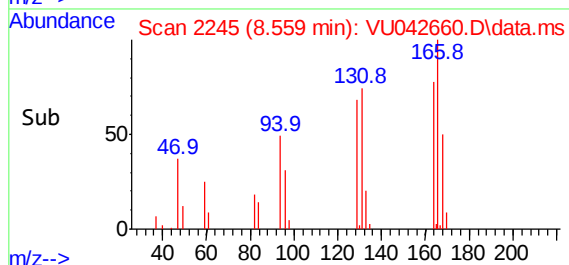
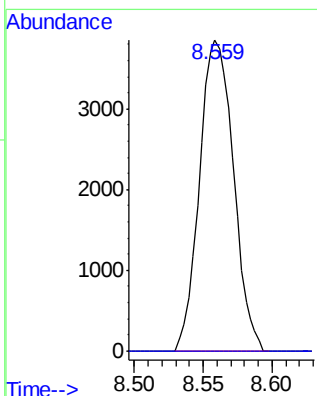
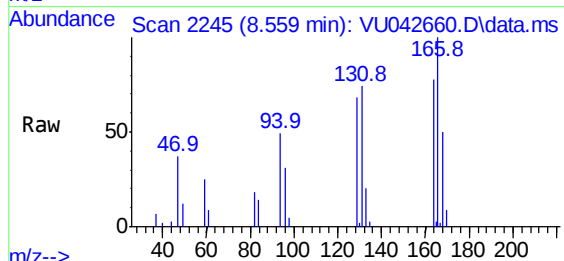




#49
Dibromochloromethane
Concen: 1.08 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Instrument :
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Tgt Ion:129 Resp: 6603
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.95 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042660.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 75 Resp: 4724
Ion Ratio Lower Upper
75 100
77 35.2 26.0 39.0

