

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042638.D
 Acq On : 13 Mar 2021 03:12
 Operator : SY/MD
 Sample : M1676-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8

Quant Time: Mar 13 06:45:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

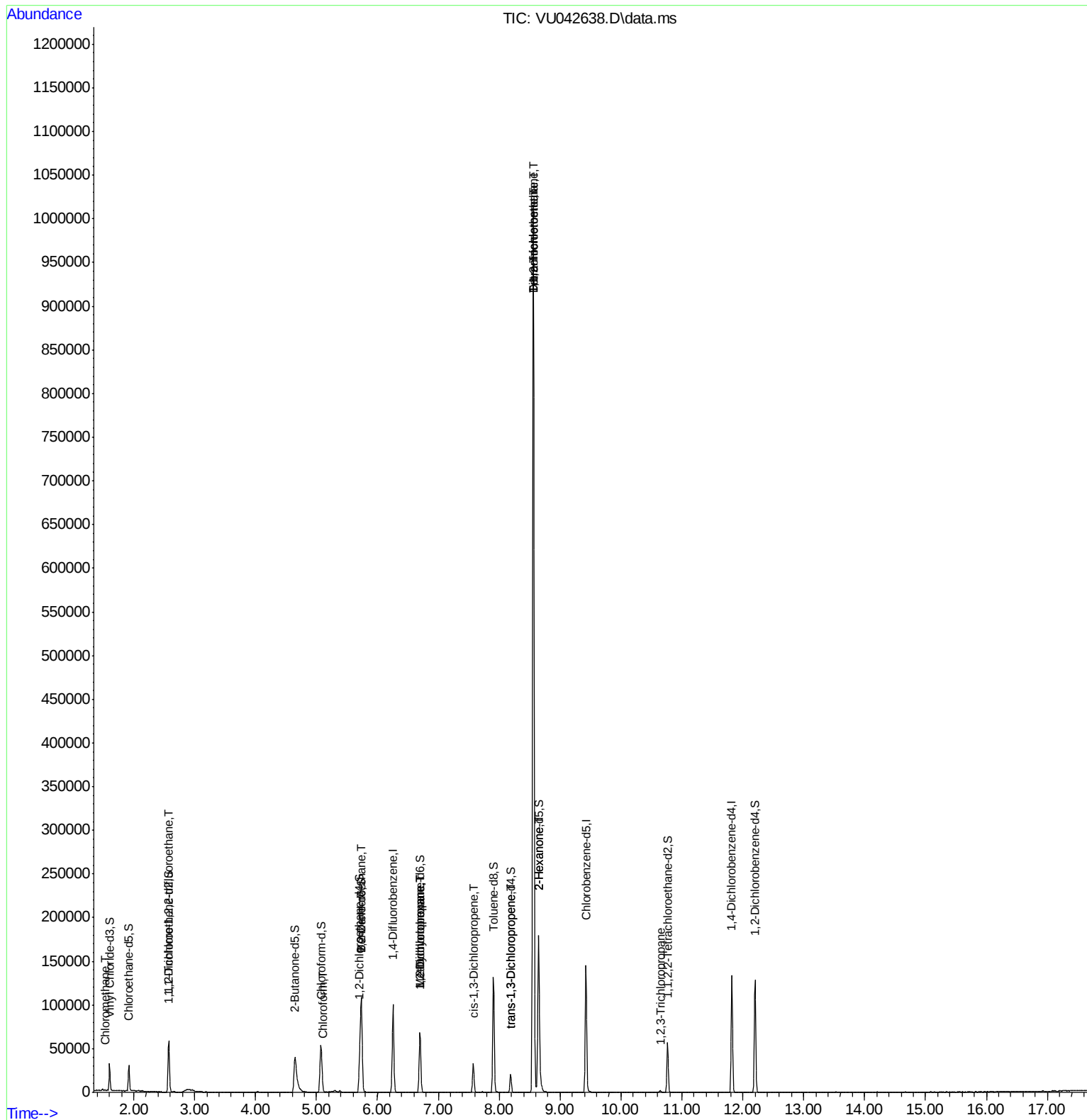
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	75666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33791	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21006	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.919	69	20065	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.575	63	35203	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.645	46	87054	52.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	5.073	84	49419	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.710	65	33069	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.735	84	88221	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	29406	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	83397	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.189	79	11122	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.645	63	61260	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25308	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	32212	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%
Target Compounds						
3) Chloromethane	1.523	50	382	0.06	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	260	0.05	ug/L #	18
25) Chloroform	5.102	83	984	0.09	ug/L	85
27) 1,2-Dichloroethane	5.732	62	533	0.06	ug/L #	75
35) Methylcyclohexane	6.697	83	6563	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3430	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	840	0.09	ug/L #	59
44) trans-1,3-Dichloropropene	8.185	75	510	0.06	ug/L #	63
45) 1,1,2-Trichloroethane	8.558	97	1977	0.42	ug/L #	5
47) Tetrachloroethene	8.562	164	216095	40.43	ug/L	99
48) 2-Hexanone	8.645	43	9722	2.37	ug/L #	68
49) Dibromochloromethane	8.562	129	193697	32.88	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	408	0.09	ug/L #	42

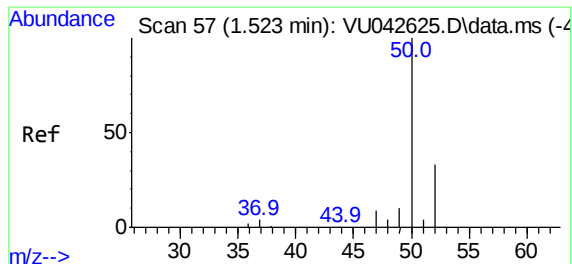
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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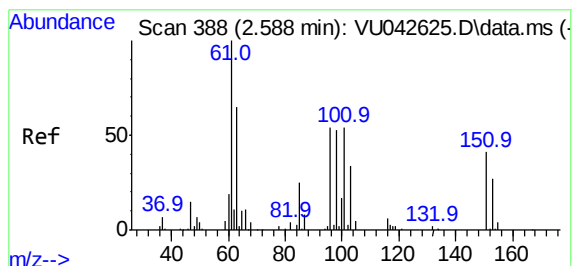
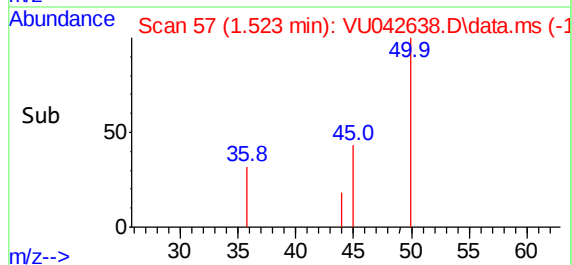
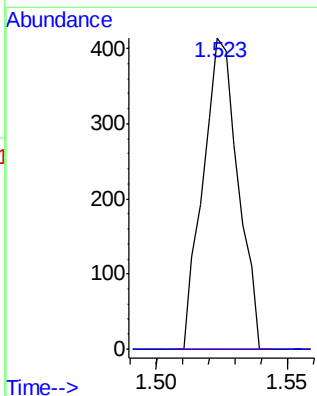
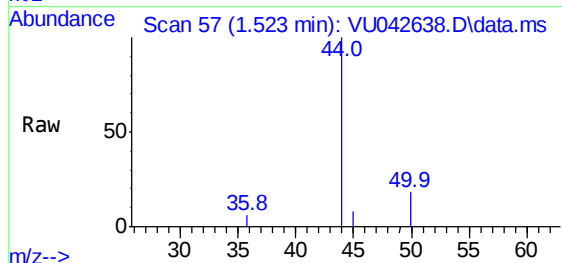




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

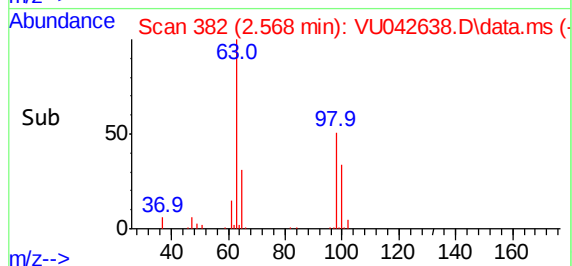
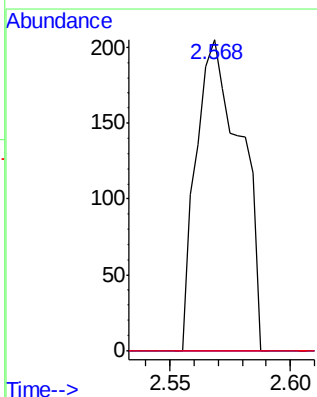
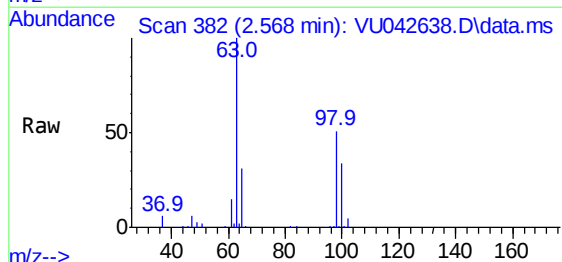
Instrument :
MSVOA_U
ClientSampleId :
C0AD8

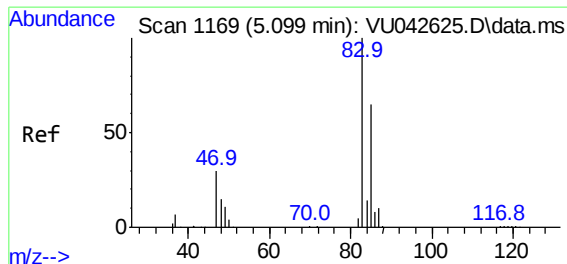
Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Tgt Ion:101 Resp: 260
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

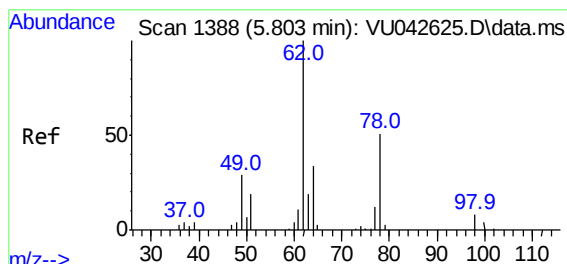
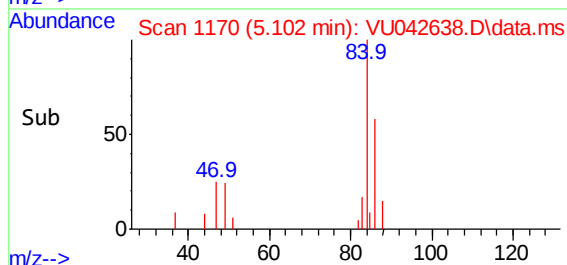
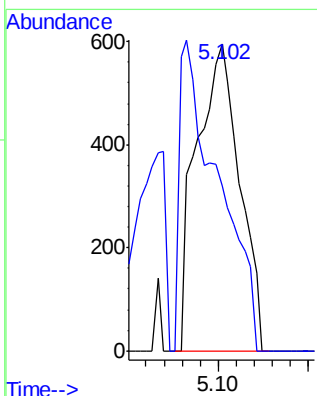
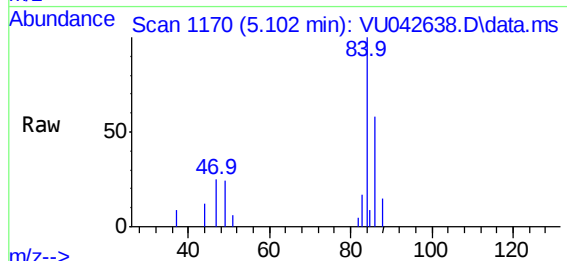




#25
Chloroform
Concen: 0.09 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

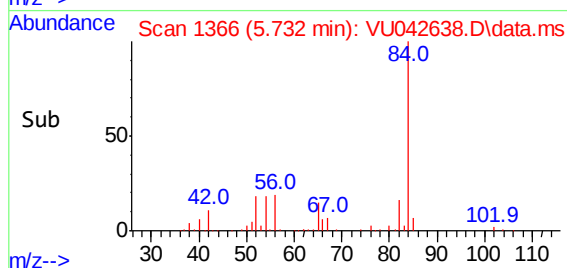
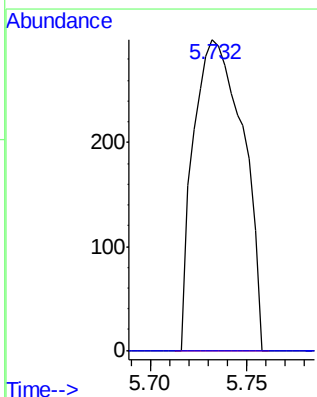
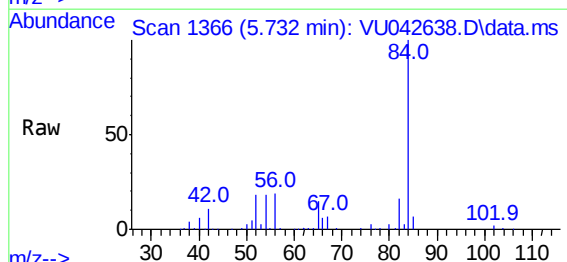
Instrument :
MSVOA_U
ClientSampled :
C0AD8

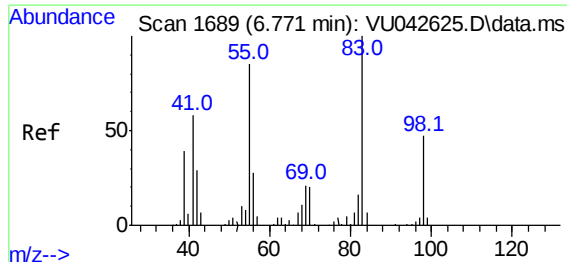
Tgt Ion: 83 Resp: 984
Ion Ratio Lower Upper
83 100
85 53.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Tgt Ion: 62 Resp: 533
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

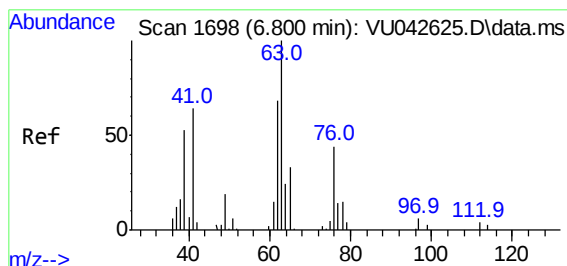
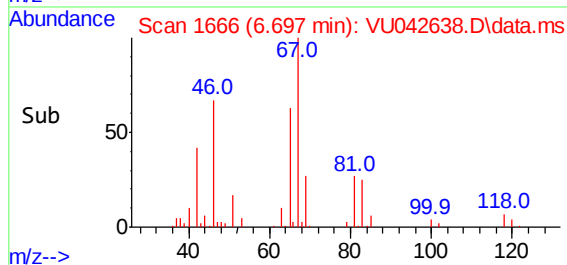
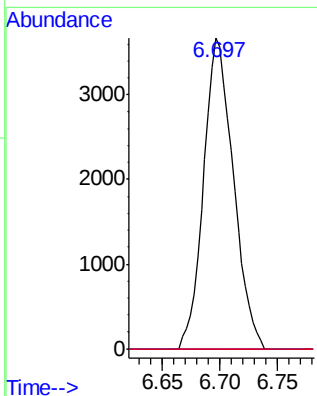
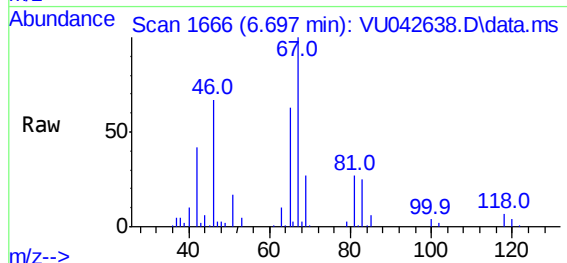




#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

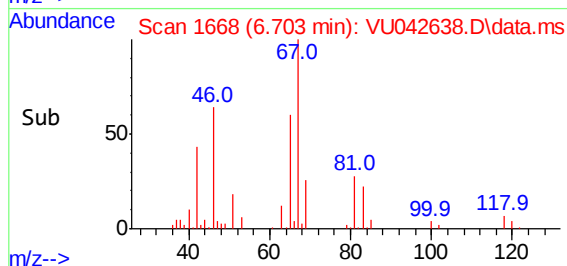
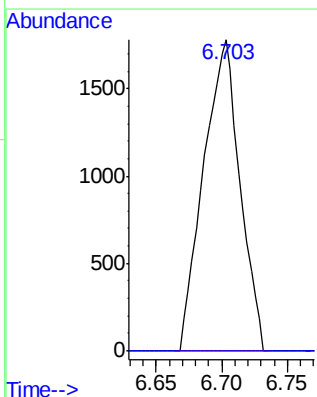
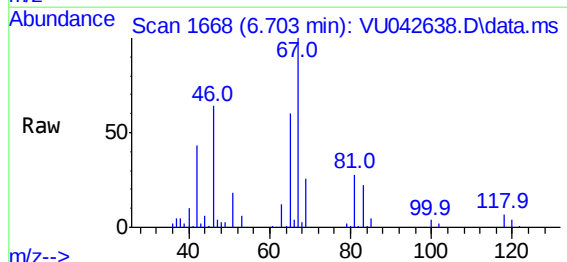
Instrument :
MSVOA_U
ClientSampleId :
C0AD8

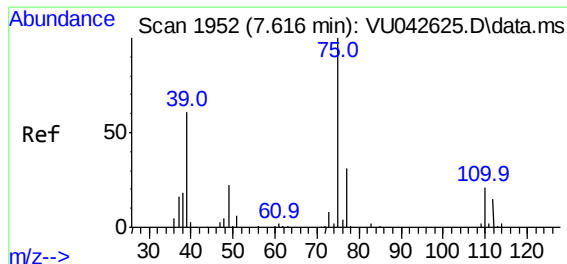
Tgt Ion: 83 Resp: 6563
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Tgt Ion: 63 Resp: 3430
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

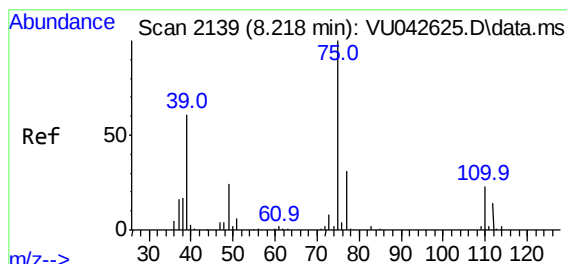
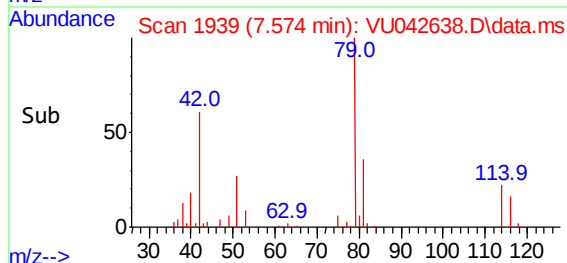
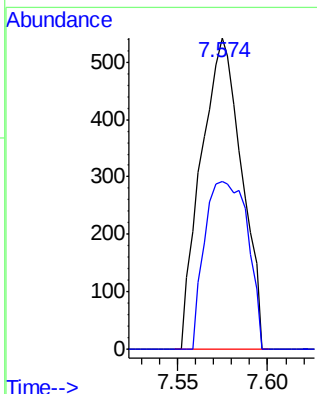
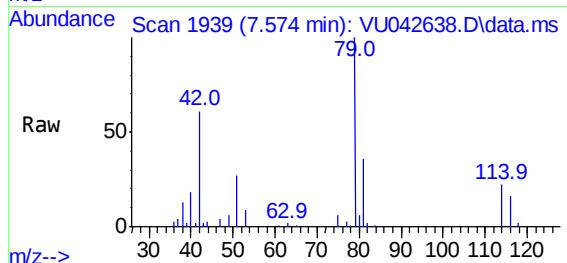




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

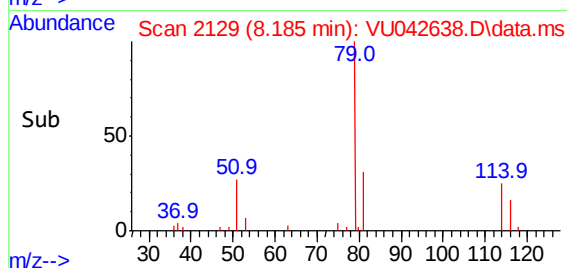
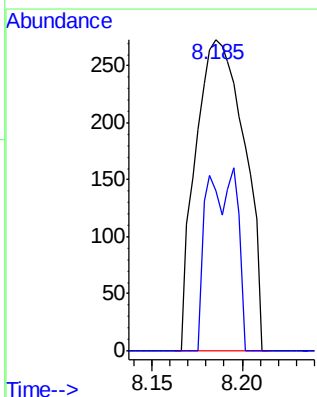
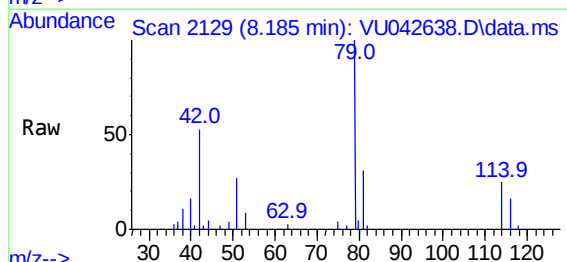
Instrument :
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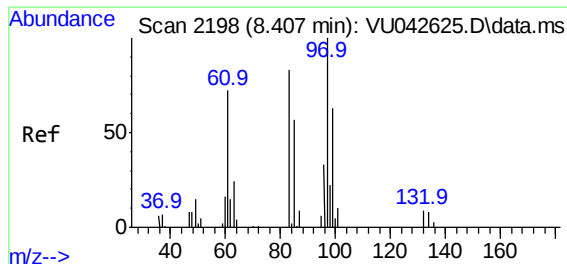
Tgt Ion: 75 Resp: 840
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

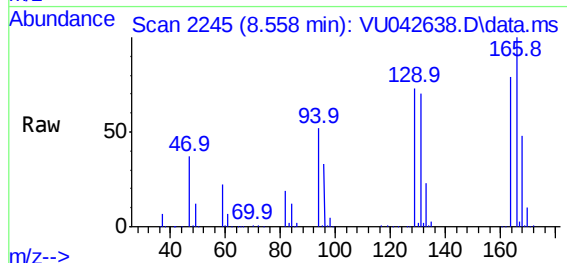
Tgt Ion: 75 Resp: 510
Ion Ratio Lower Upper
75 100
77 51.3 21.8 40.4#





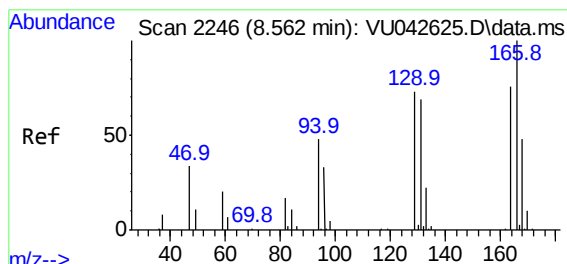
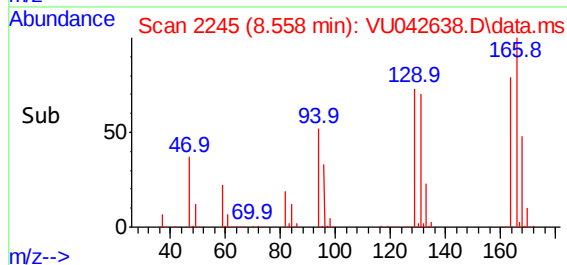
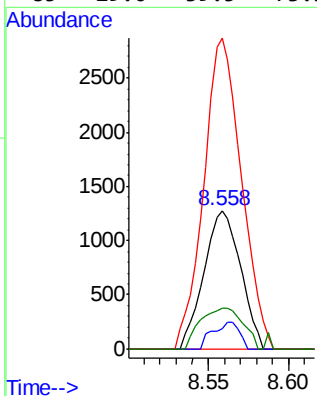
#45
1,1,2-Trichloroethane
Concen: 0.42 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Instrument :
MSVOA_U
ClientSampled :
C0AD8



Tgt Ion: 97 Resp: 1977

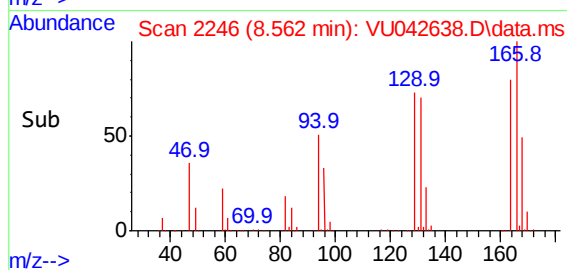
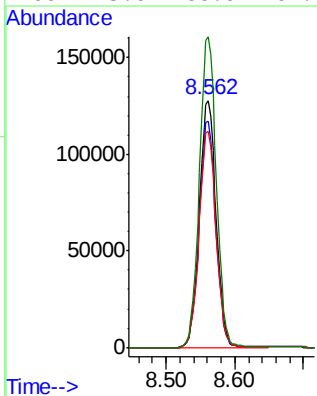
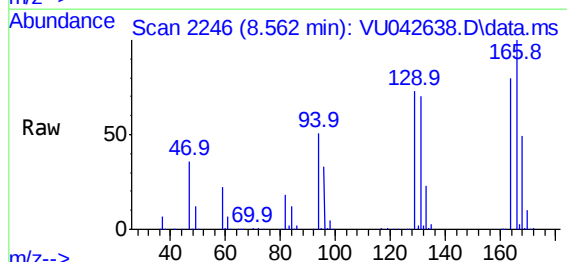
Ion	Ratio	Lower	Upper
97	100		
99	14.8	44.0	81.8#
83	224.3	57.6	107.0#
85	29.0	39.5	73.3#

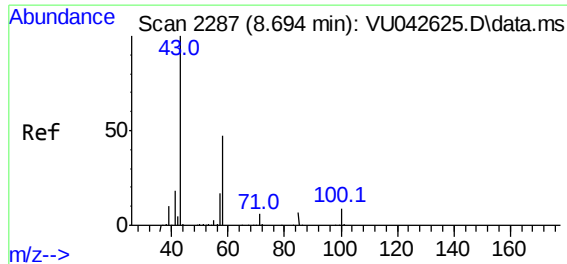


#47
Tetrachloroethene
Concen: 40.43 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Tgt Ion: 164 Resp: 216095

Ion	Ratio	Lower	Upper
164	100		
129	91.3	64.3	119.5
131	87.5	62.2	115.6
166	125.6	88.6	164.6



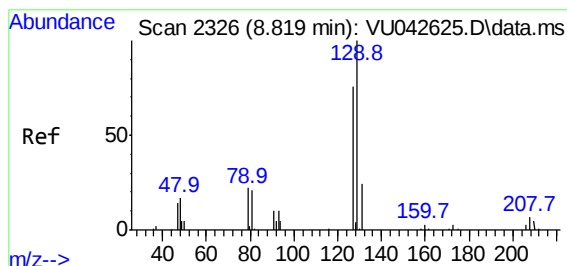
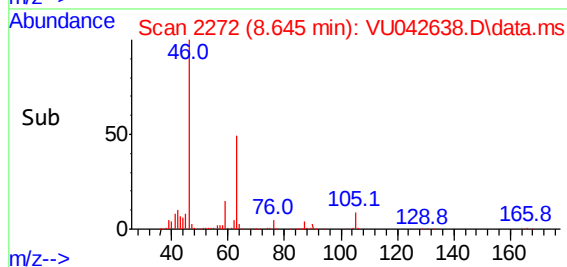
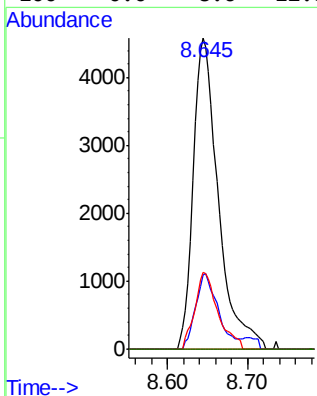
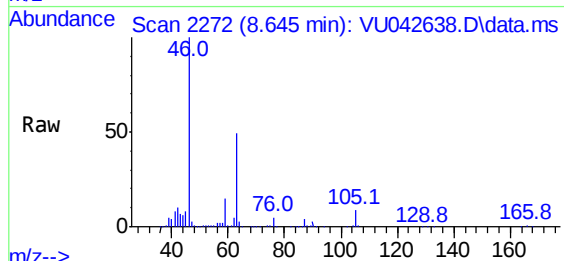


#48
2-Hexanone
Concen: 2.37 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Instrument :
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Tgt Ion: 43 Resp: 9722

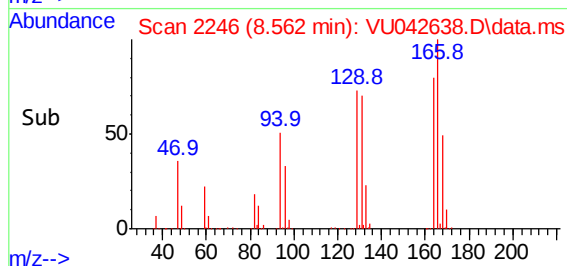
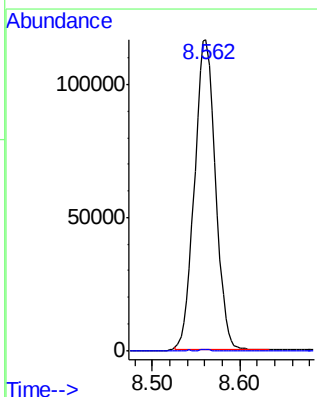
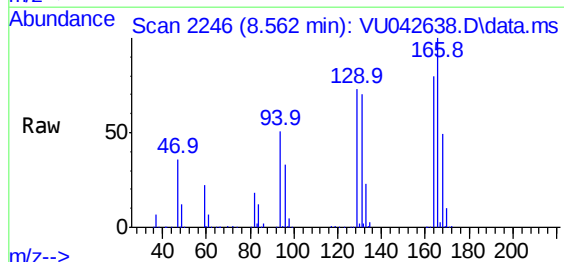
Ion	Ratio	Lower	Upper
43	100		
58	22.1	40.6	61.0#
57	22.6	14.9	22.3#
100	0.0	8.6	12.8#

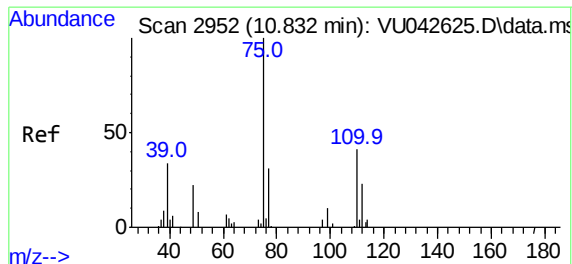


#49
Dibromochloromethane
Concen: 32.88 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042638.D
Acq: 13 Mar 2021 03:12

Tgt Ion: 129 Resp: 193697

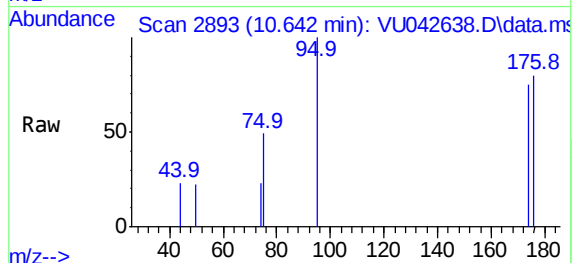
Ion	Ratio	Lower	Upper
129	100		
127	0.3	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.09 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042638.D
 Acq: 13 Mar 2021 03:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8



Tgt Ion: 75 Resp: 408
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

