

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042646.D
 Acq On : 13 Mar 2021 06:25
 Operator : SY/MD
 Sample : M1676-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6

Quant Time: Mar 13 06:47:57 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)

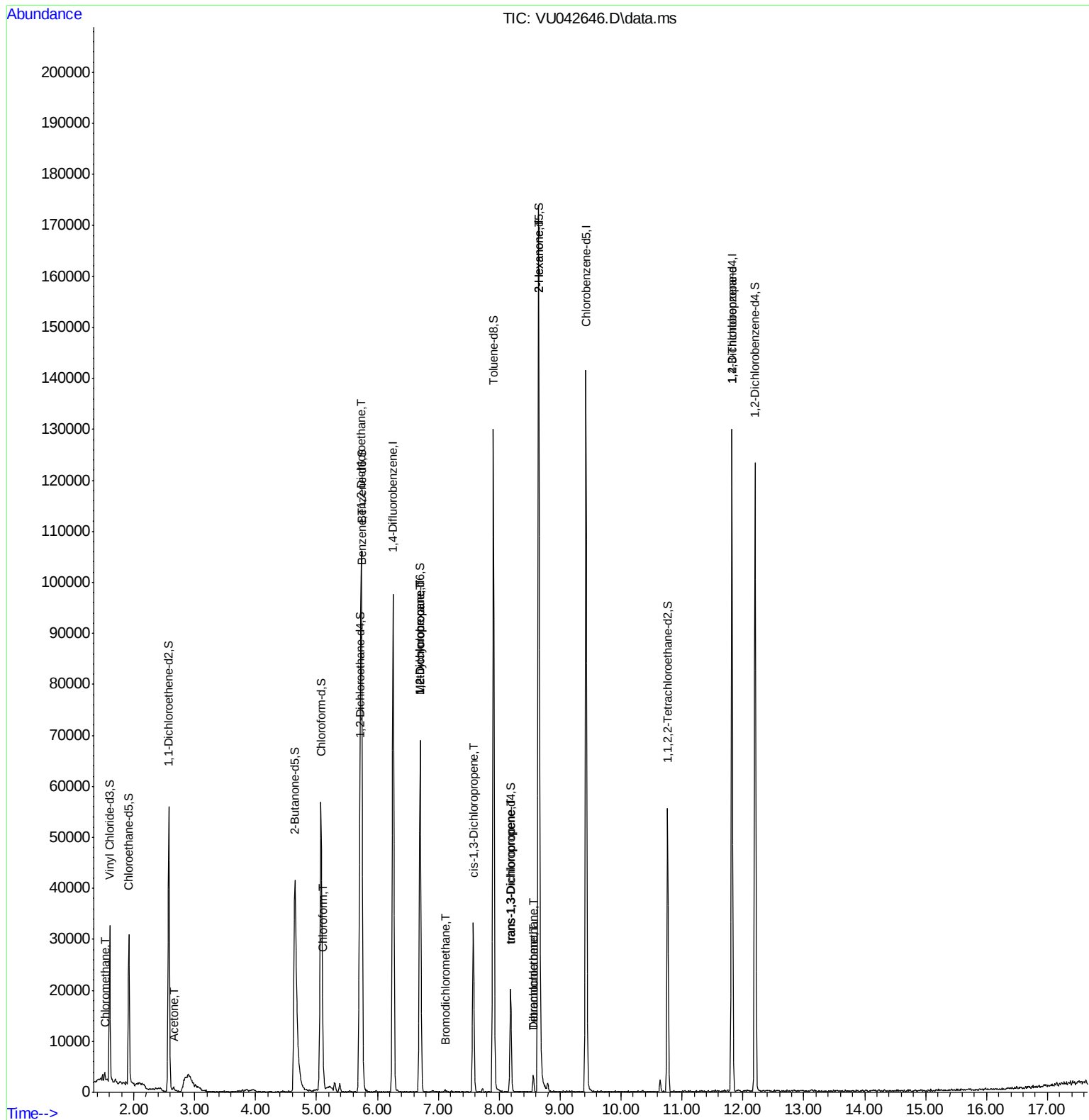
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	74517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	73388	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	32574	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20832	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	83.80%		
7) Chloroethane-d5	1.919	69	19640	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	104.40%		
11) 1,1-Dichloroethene-d2	2.572	63	34512	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.60%		
20) 2-Butanone-d5	4.645	46	88758	54.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	108.84%		
24) Chloroform-d	5.073	84	48389	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.60%		
26) 1,2-Dichloroethane-d4	5.713	65	32200	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	106.60%		
32) Benzene-d6	5.739	84	87474	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.20%		
36) 1,2-Dichloropropane-d6	6.700	67	28735	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.00%		
41) Toluene-d8	7.906	98	80079	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.20%		
43) trans-1,3-Dichloroprop...	8.189	79	10728	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	79.20%		
46) 2-Hexanone-d5	8.645	63	58897	45.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.72%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24820	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	96.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	30743	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	104.20%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1435	0.22	ug/L	96
13) Acetone	2.655	43	1145	0.91	ug/L	50
25) Chloroform	5.099	83	5031	0.45	ug/L	90
27) 1,2-Dichloroethane	5.732	62	642	0.08	ug/L #	75
33) Benzene	5.742	78	563	0.02	ug/L	100
35) Methylcyclohexane	6.700	83	7023	0.73	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3555	0.57	ug/L #	87
38) Bromodichloromethane	7.115	83	287	0.04	ug/L #	70
39) cis-1,3-Dichloropropene	7.575	75	931	0.10	ug/L #	62
44) trans-1,3-Dichloropropene	8.185	75	498	0.06	ug/L #	37
47) Tetrachloroethene	8.562	164	719	0.14	ug/L	84
48) 2-Hexanone	8.645	43	9330	2.34	ug/L #	74
49) Dibromochloromethane	8.562	129	620	0.11	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4302	0.92	ug/L	96

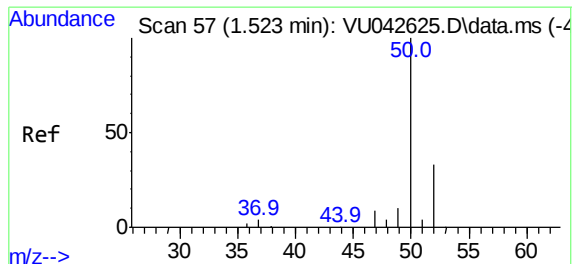
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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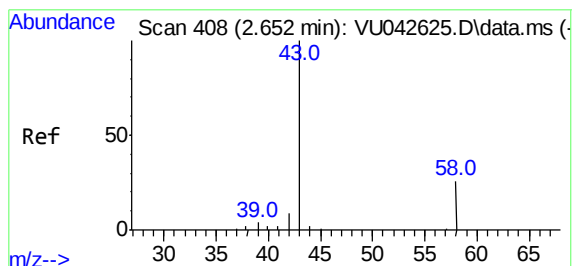
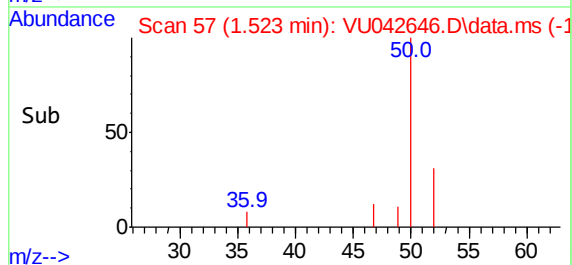
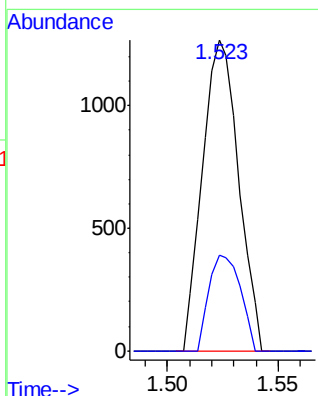
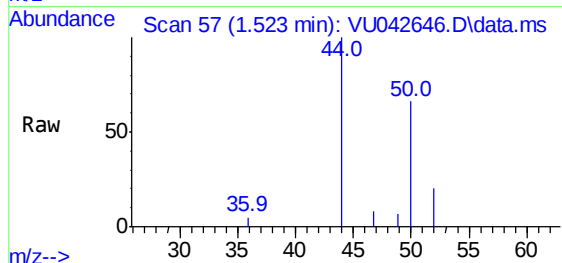




#3
Chloromethane
Concen: 0.22 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

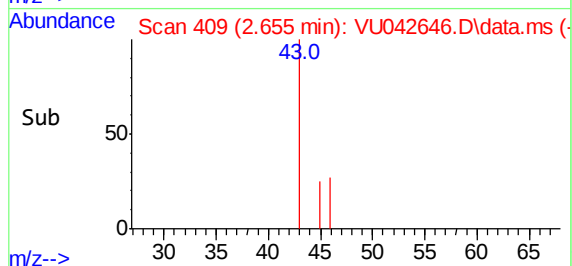
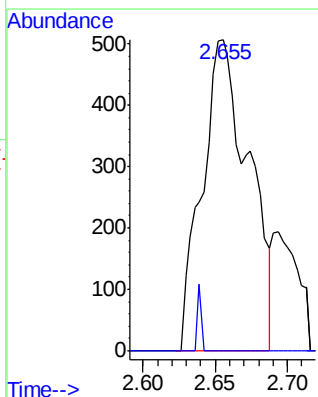
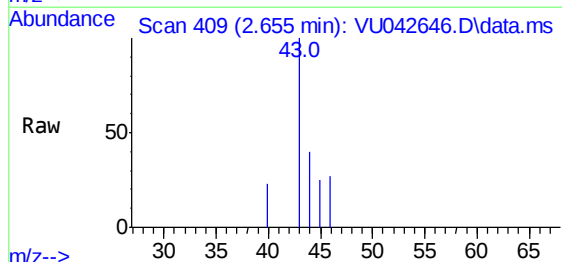
Instrument :
MSVOA_U
ClientSampleId :
C0AE6

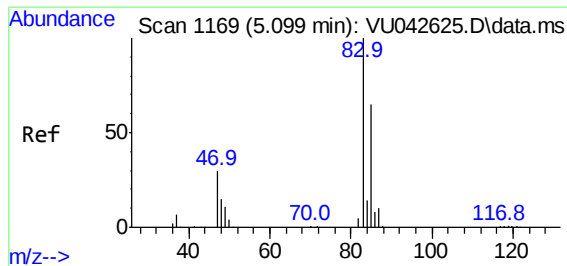
Tgt Ion: 50 Resp: 1435
Ion Ratio Lower Upper
50 100
52 30.6 23.0 42.8



#13
Acetone
Concen: 0.91 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 1.8 0.0 55.8

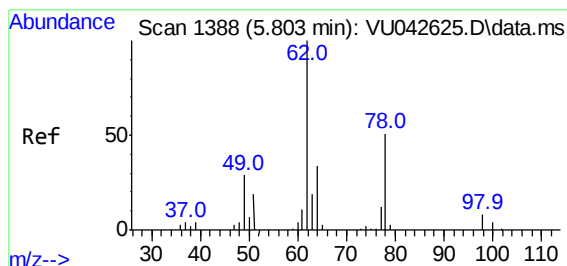
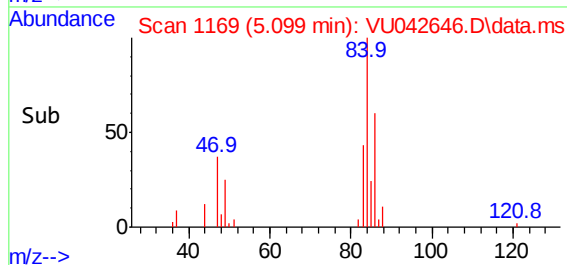
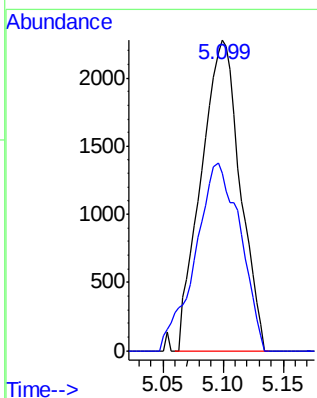
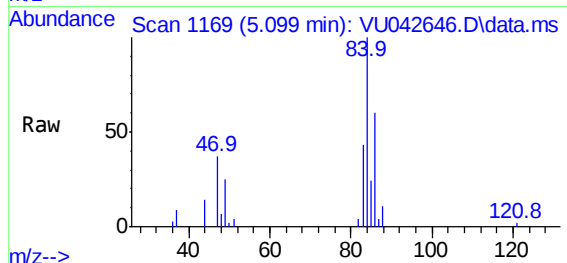




#25
Chloroform
Concen: 0.45 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

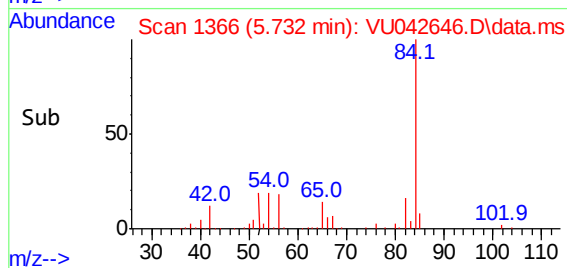
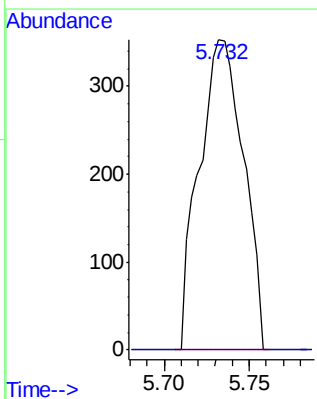
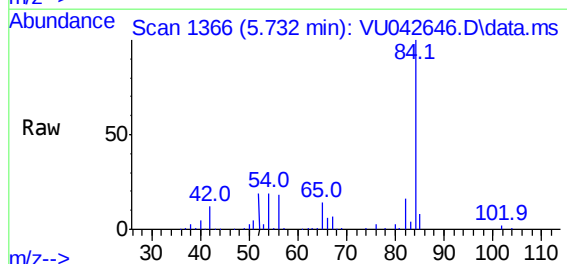
Instrument :
MSVOA_U
ClientSampleId :
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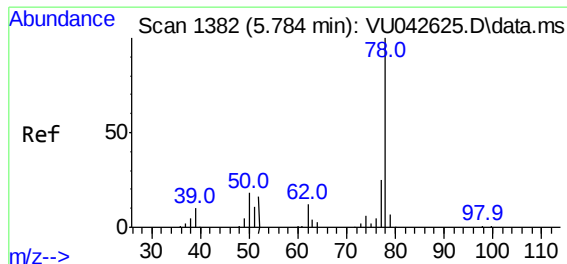
Tgt Ion: 83 Resp: 5031
Ion Ratio Lower Upper
83 100
85 57.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 62 Resp: 642
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

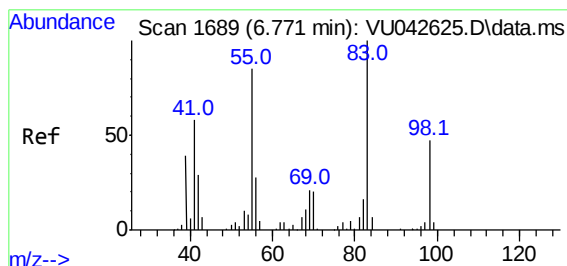
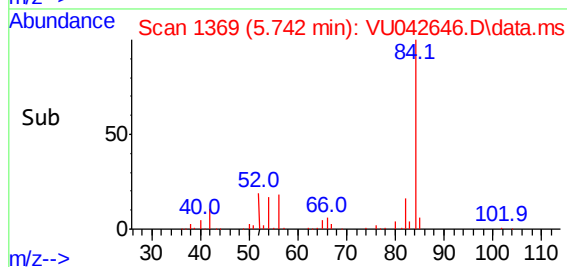
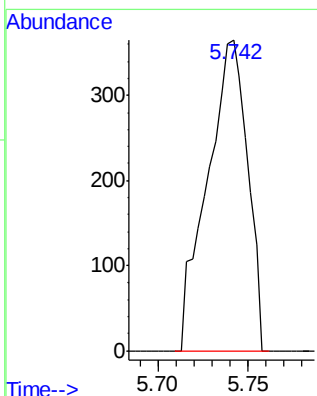
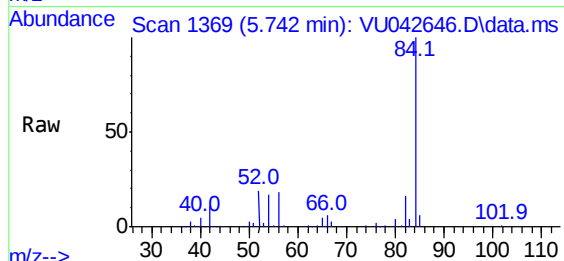




#33
Benzene
Concen: 0.02 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Instrument :
MSVOA_U
ClientSampleId :
C0AE6

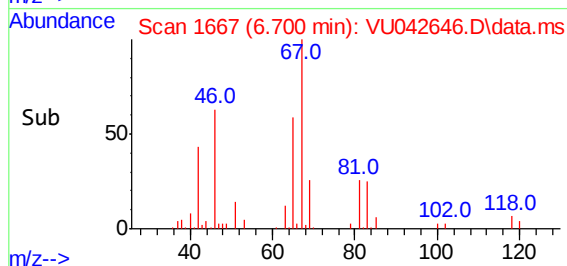
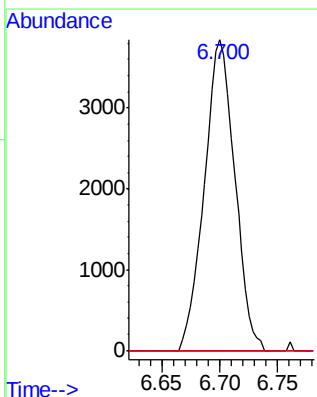
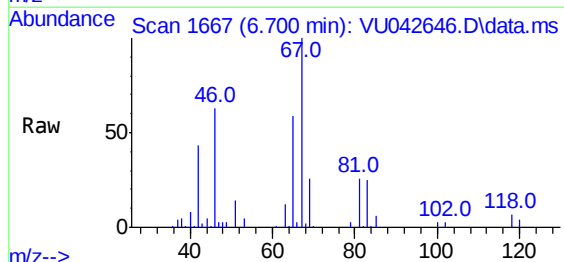
Tgt Ion: 78 Resp: 563

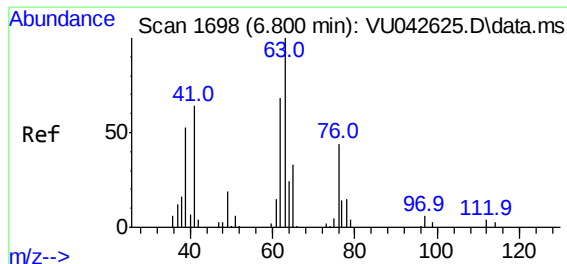


#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 83 Resp: 7023

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

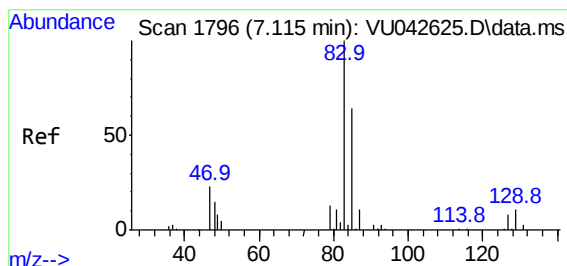
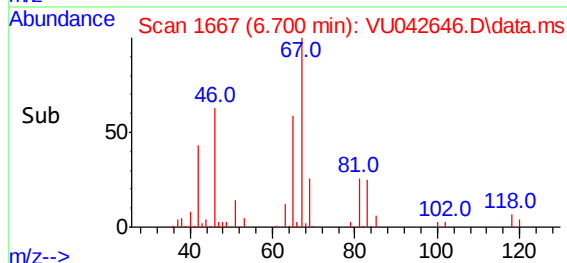
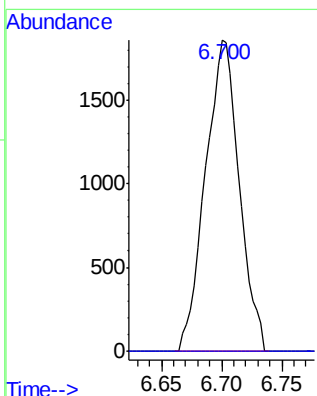
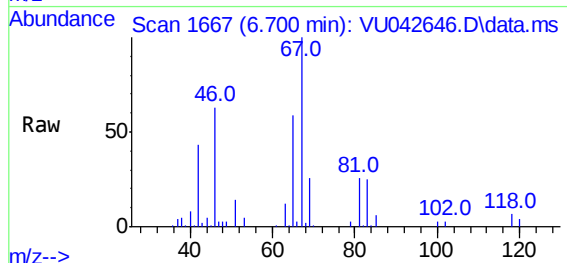




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

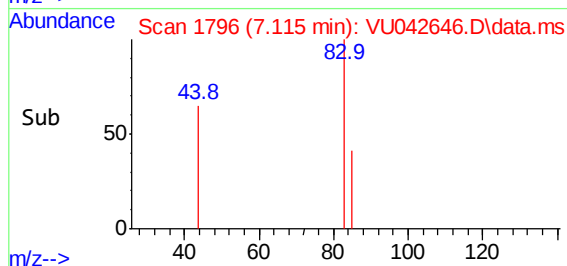
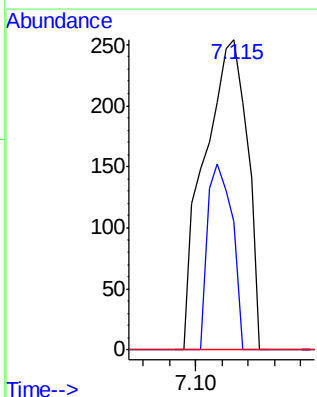
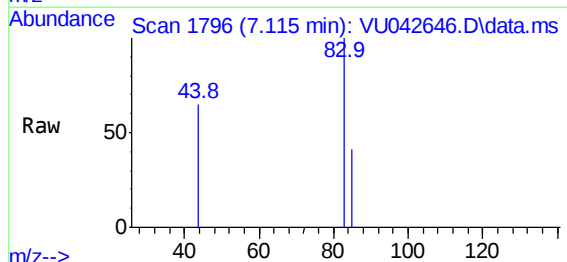
Instrument :
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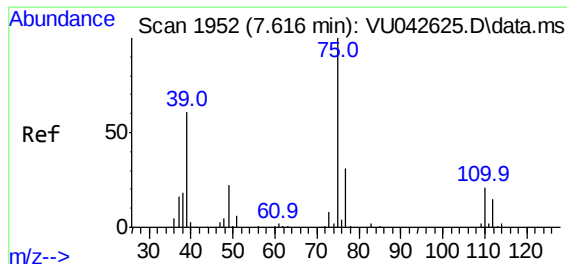
Tgt Ion: 63 Resp: 3555
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.04 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 83 Resp: 287
Ion Ratio Lower Upper
83 100
85 41.3 46.0 85.4#
127 0.0 6.8 10.2#

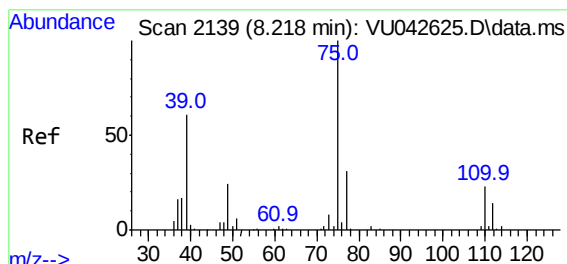
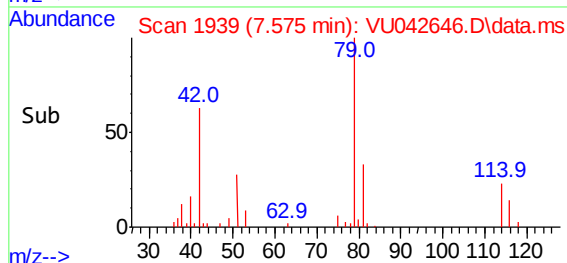
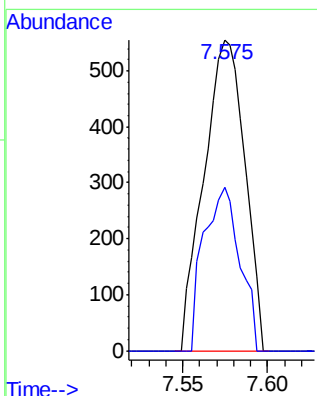
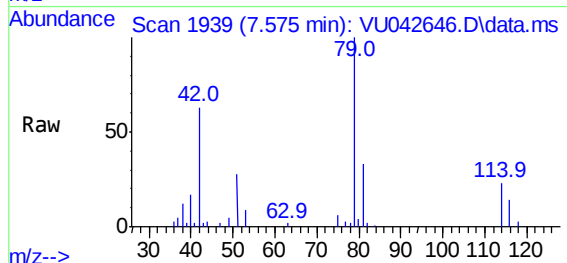




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

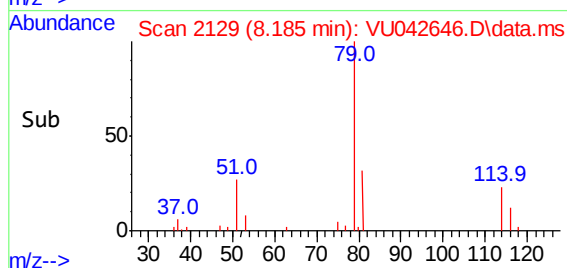
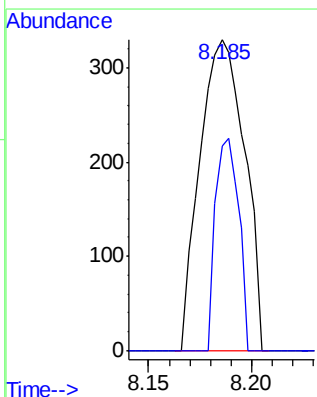
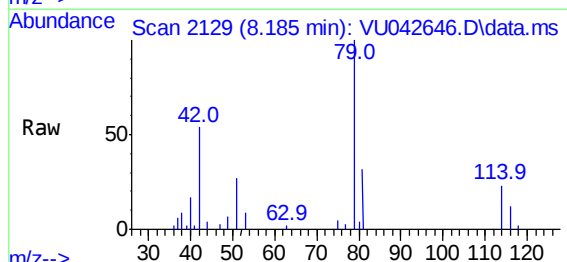
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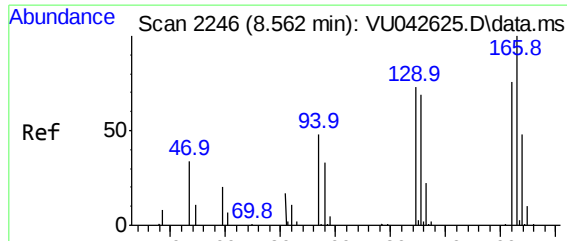
Tgt Ion: 75 Resp: 931
Ion Ratio Lower Upper
75 100
77 52.4 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 75 Resp: 498
Ion Ratio Lower Upper
75 100
77 65.8 21.8 40.4#



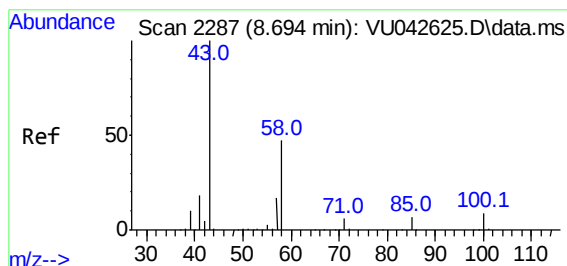
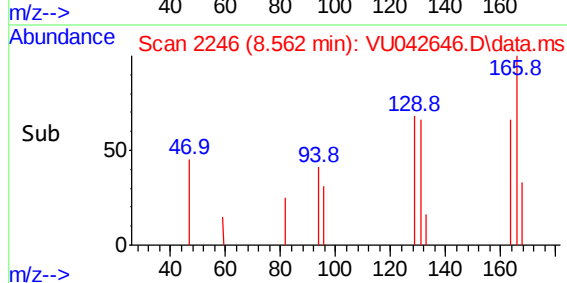
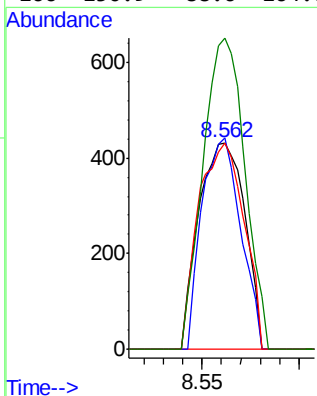
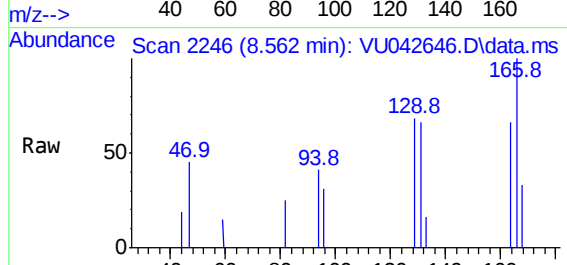


#47
Tetrachloroethene
Concen: 0.14 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 719

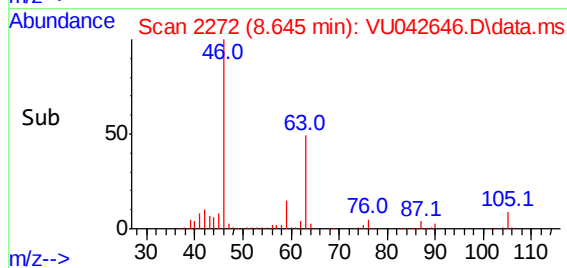
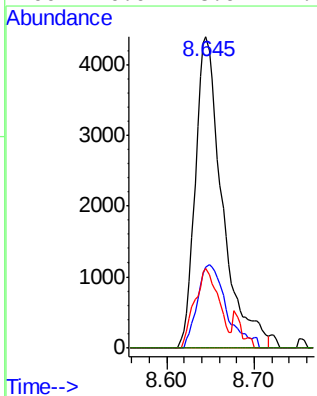
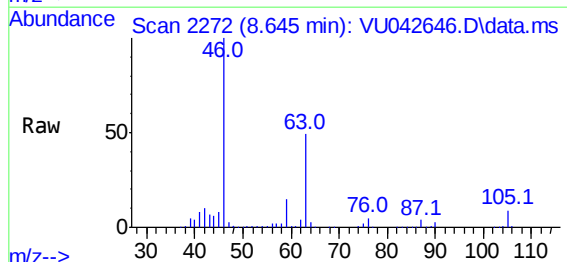
Ion	Ratio	Lower	Upper
164	100		
129	102.5	64.3	119.5
131	100.2	62.2	115.6
166	150.9	88.6	164.6

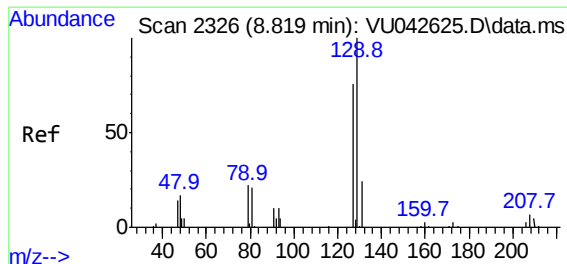


#48
2-Hexanone
Concen: 2.34 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 43 Resp: 9330

Ion	Ratio	Lower	Upper
43	100		
58	28.7	40.6	61.0#
57	23.1	14.9	22.3#
100	0.0	8.6	12.8#

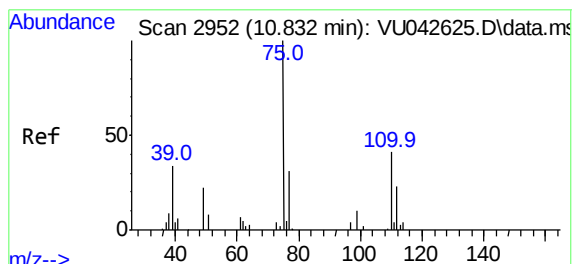
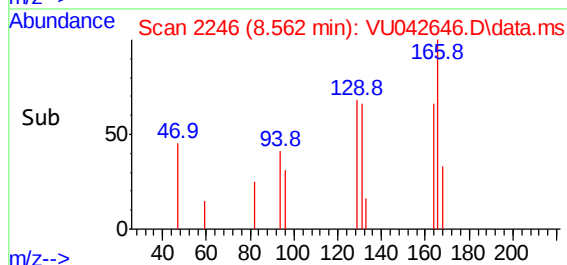
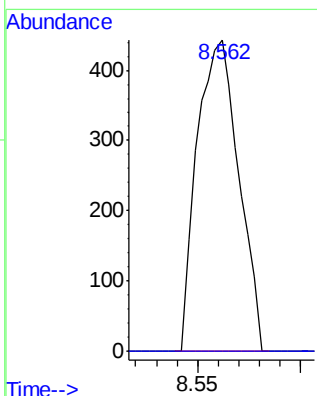
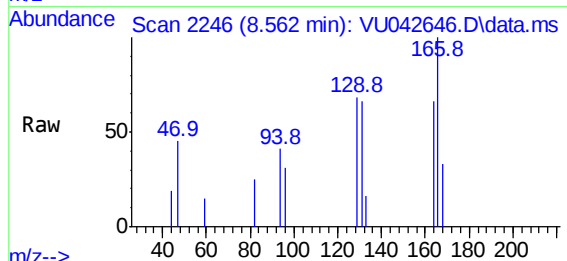




#49
Dibromochloromethane
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Instrument :
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Tgt Ion: 129 Resp: 620
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.92 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042646.D
Acq: 13 Mar 2021 06:25

Tgt Ion: 75 Resp: 4302
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0

