

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042756.D
 Acq On : 22 Mar 2021 12:39
 Operator : SY/MD
 Sample : M1743-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD5

Quant Time: Mar 23 07:17:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

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

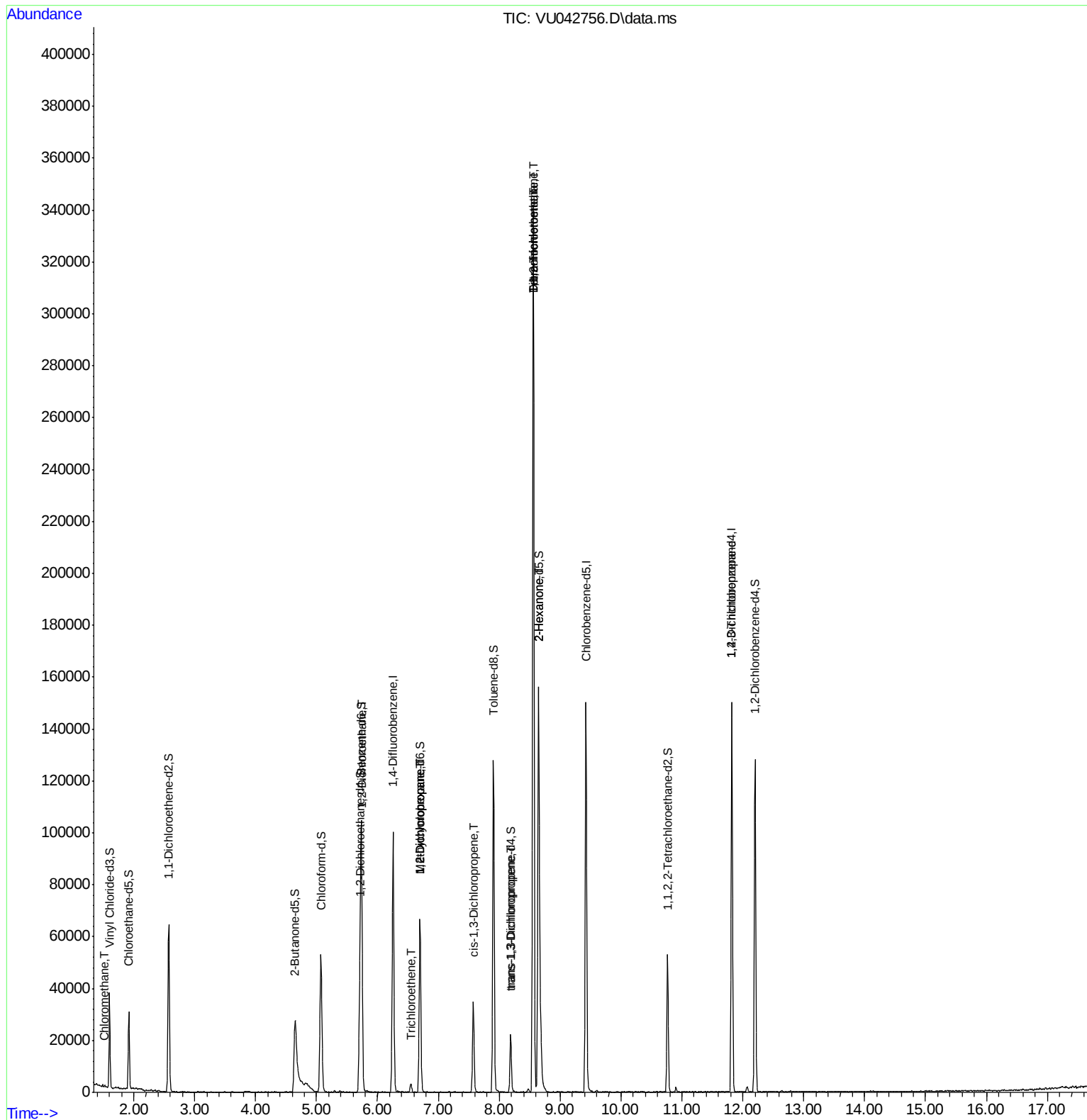
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	77264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	37576	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23184	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	90.80%		
7) Chloroethane-d5	1.919	69	20045	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	103.80%		
11) 1,1-Dichloroethene-d2	2.575	63	40464	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	70.20%		
20) 2-Butanone-d5	4.649	46	63289	37.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	75.56%		
24) Chloroform-d	5.073	84	47551	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.20%		
26) 1,2-Dichloroethane-d4	5.713	65	30109	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.00%		
32) Benzene-d6	5.735	84	87241	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.20%		
36) 1,2-Dichloropropane-d6	6.700	67	28764	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.20%		
41) Toluene-d8	7.906	98	79247	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.60%		
43) trans-1,3-Dichloroprop...	8.189	79	12099	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.80%		
46) 2-Hexanone-d5	8.645	63	60340	44.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	88.28%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24065	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.40%		
64) 1,2-Dichlorobenzene-d4	12.201	152	32302	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.80%		
Target Compounds						
3) Chloromethane	1.520	50	329	0.05	ug/L #	42
27) 1,2-Dichloroethane	5.742	62	528	0.06	ug/L #	75
34) Trichloroethene	6.555	95	1178	0.18	ug/L	89
35) Methylcyclohexane	6.700	83	6700	0.66	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3669	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	889	0.09	ug/L #	69
44) trans-1,3-Dichloropropene	8.185	75	438	0.05	ug/L #	28
45) 1,1,2-Trichloroethane	8.558	97	571	0.12	ug/L #	6
47) Tetrachloroethene	8.562	164	73115	13.38	ug/L	98
48) 2-Hexanone	8.645	43	8947	2.13	ug/L #	70
49) Dibromochloromethane	8.562	129	65606	10.89	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4551	0.93	ug/L	90

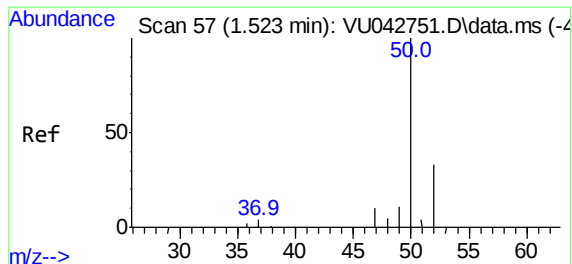
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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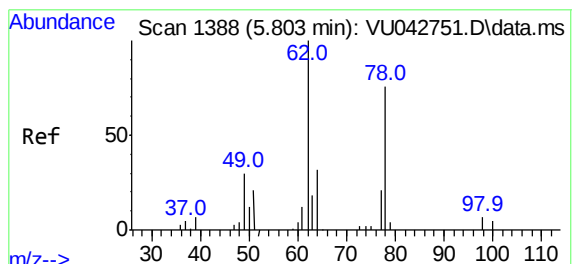
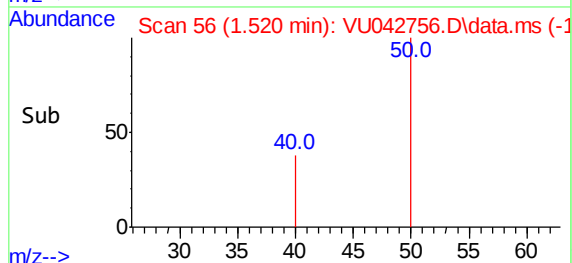
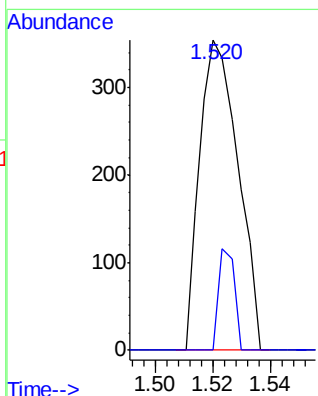
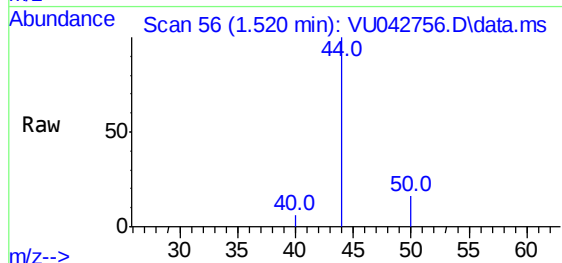




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

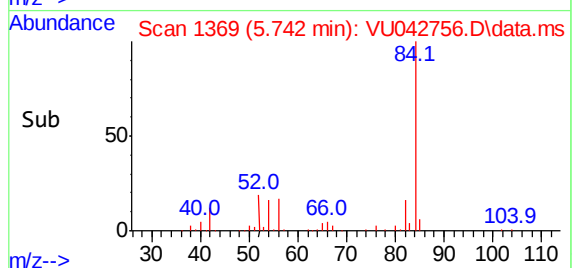
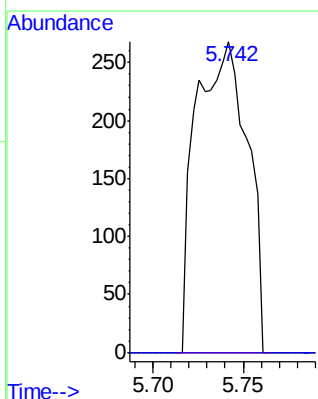
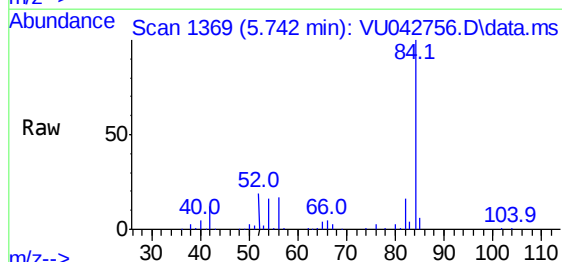
Instrument :
MSVOA_U
ClientSampleId :
ETZD5

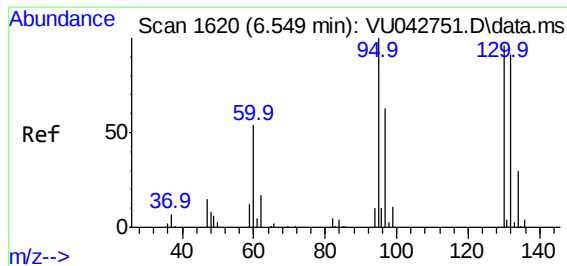
Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Tgt Ion: 62 Resp: 528
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



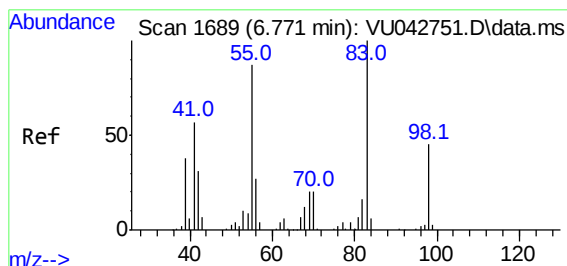
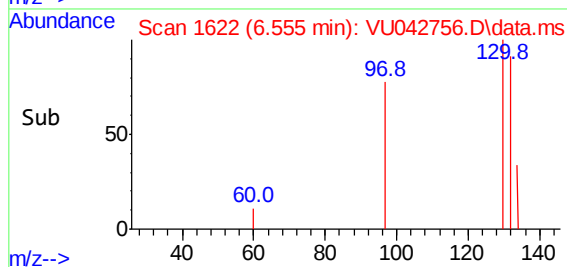
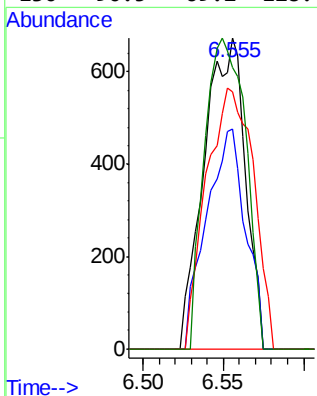
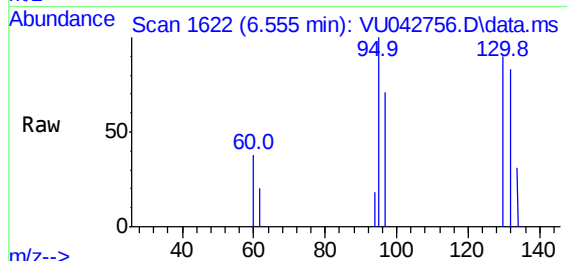


#34
Trichloroethene
Concen: 0.18 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Instrument :
MSVOA_U
ClientSampleId :
ETZD5

Tgt Ion: 95 Resp: 1178

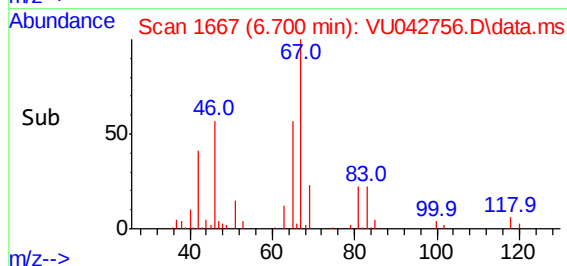
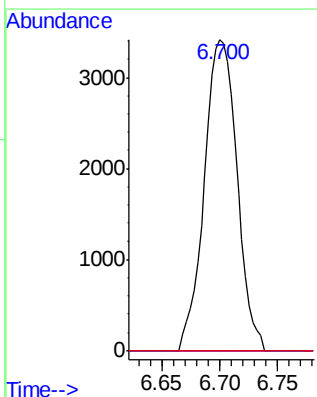
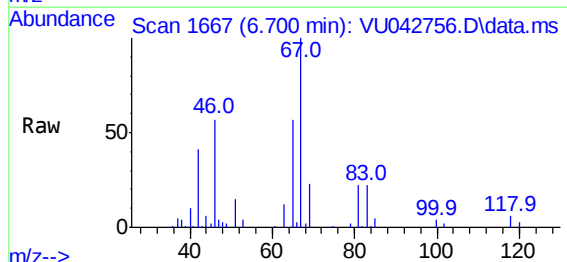
Ion	Ratio	Lower	Upper
95	100		
97	70.9	44.4	82.4
132	82.6	68.0	126.4
130	90.5	69.2	128.4

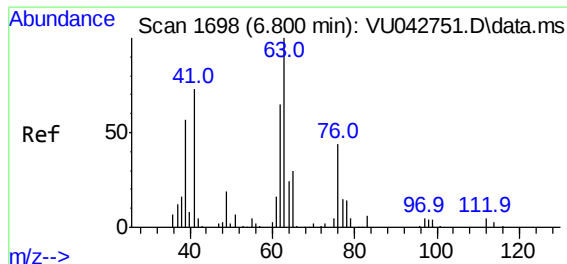


#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Tgt Ion: 83 Resp: 6700

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	1.0	39.7	59.5#

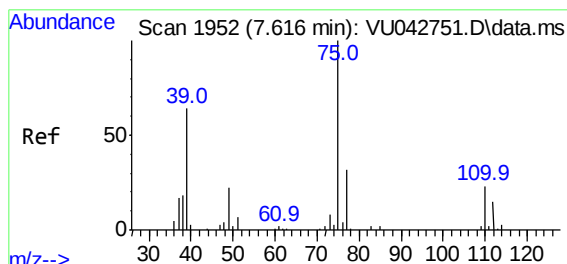
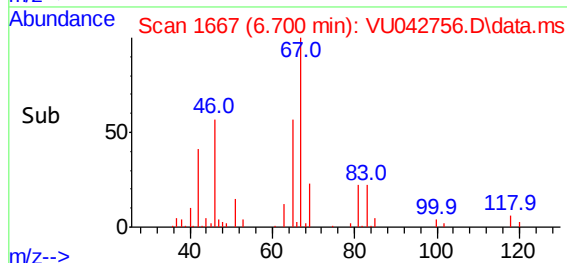
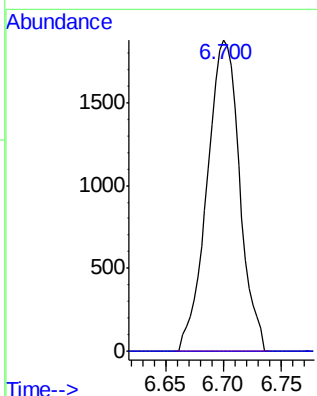
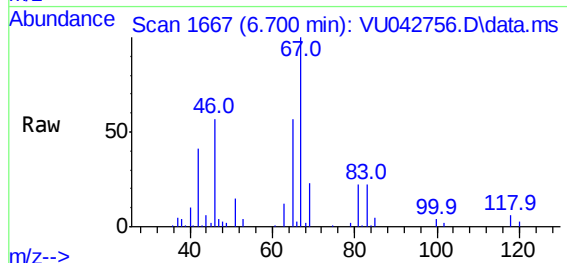




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

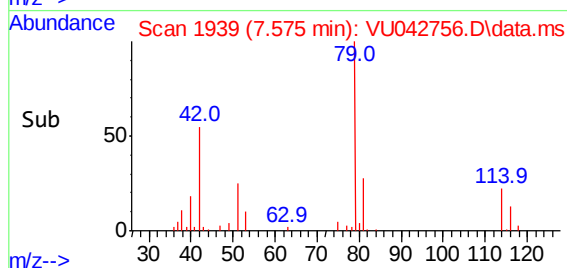
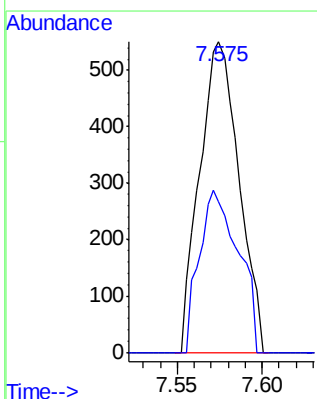
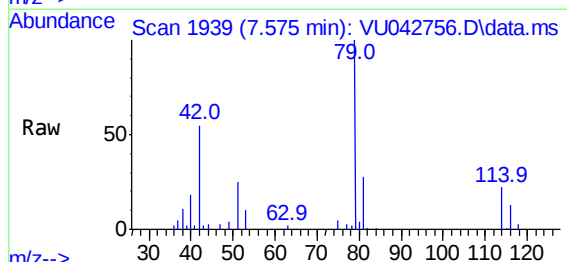
Instrument :
MSVOA_U
ClientSampled :
ETZD5

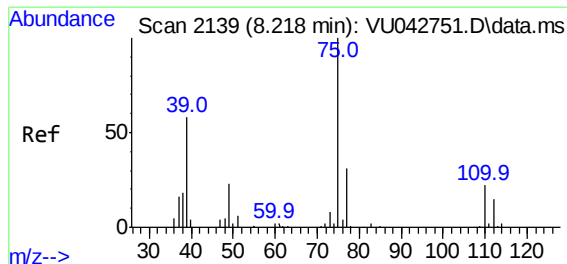
Tgt Ion: 63 Resp: 3669
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Tgt Ion: 75 Resp: 889
Ion Ratio Lower Upper
75 100
77 48.6 22.0 40.8#



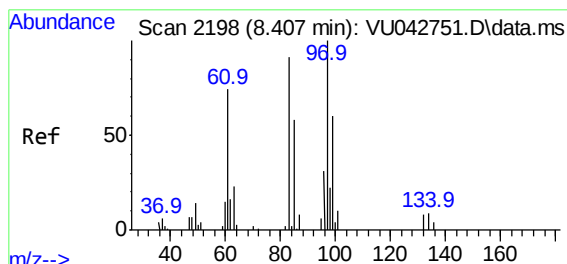
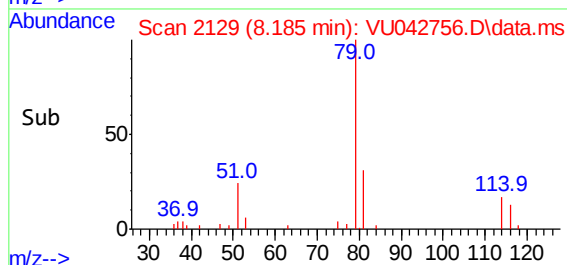
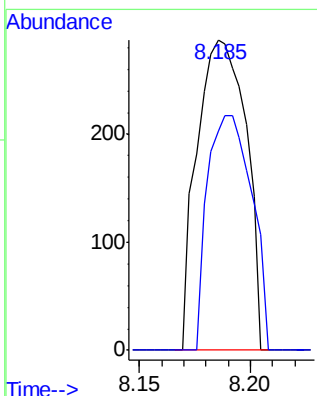
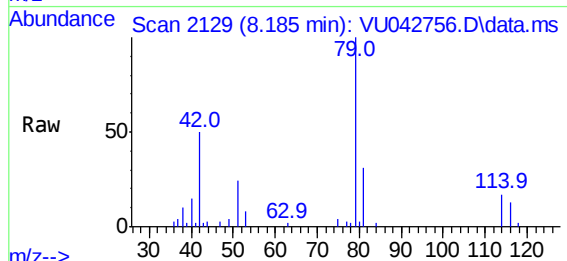


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Instrument :
MSVOA_U
ClientSampleId :
ETZD5

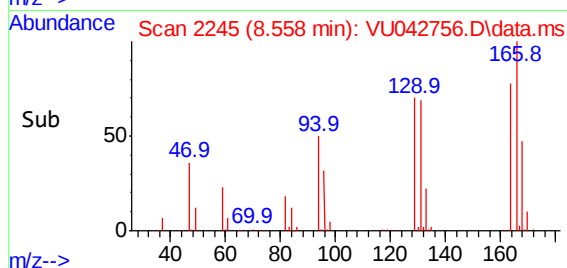
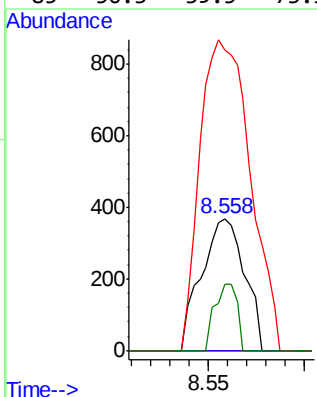
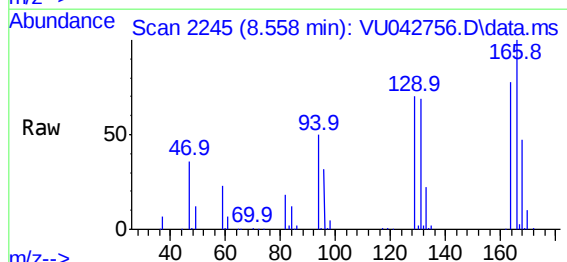
Tgt Ion: 75 Resp: 438
Ion Ratio Lower Upper
75 100
77 70.7 21.8 40.4#

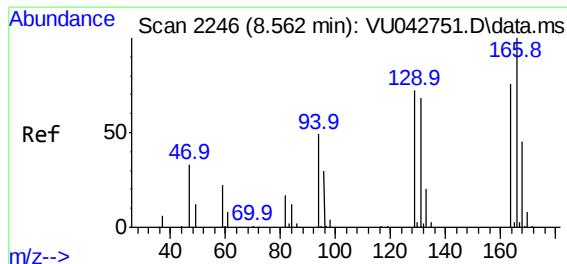


#45

1,1,2-Trichloroethane
Concen: 0.12 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Tgt Ion: 97 Resp: 571
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 228.0 57.6 107.0#
85 50.3 39.5 73.3



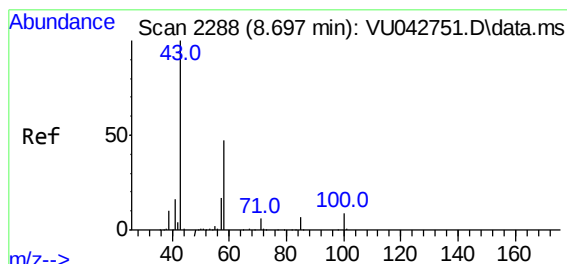
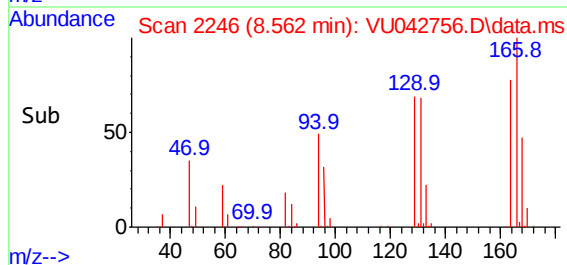
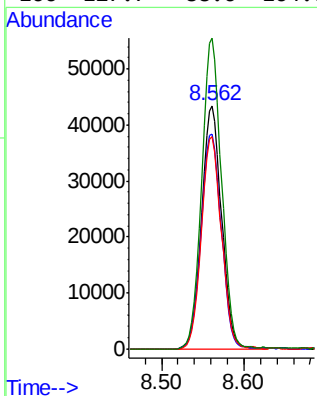
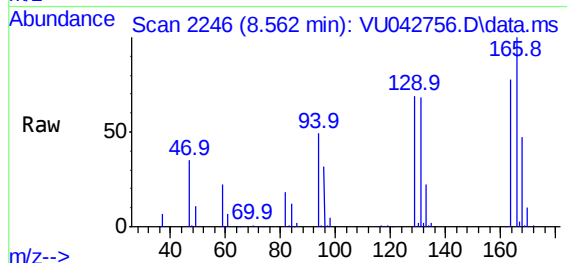


#47
Tetrachloroethene
Concen: 13.38 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Instrument :
MSVOA_U
ClientSampleId :
ETZD5

Tgt Ion:164 Resp: 73115

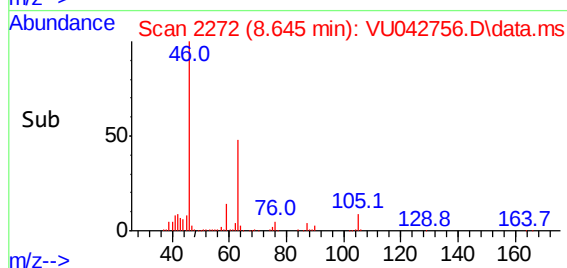
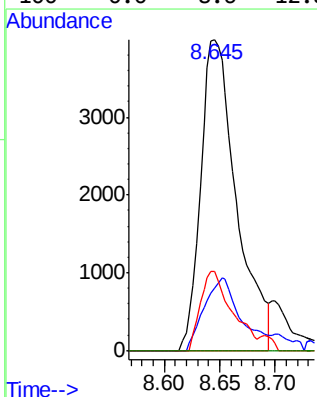
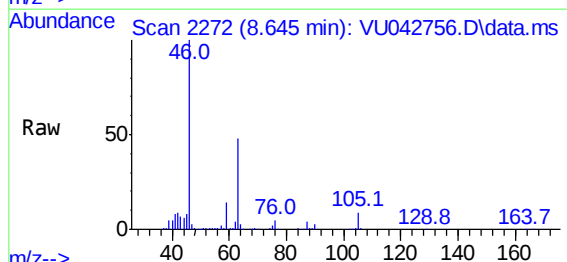
Ion	Ratio	Lower	Upper
164	100		
129	88.1	64.3	119.5
131	87.2	62.2	115.6
166	127.7	88.6	164.6

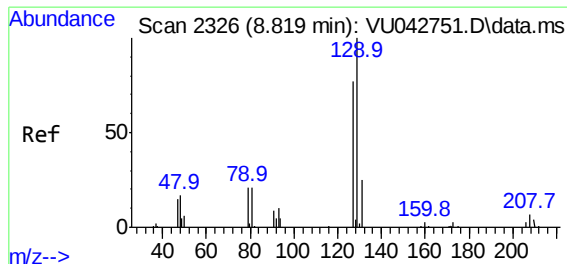


#48
2-Hexanone
Concen: 2.13 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Tgt Ion: 43 Resp: 8947

Ion	Ratio	Lower	Upper
43	100		
58	23.8	40.6	61.0#
57	22.4	14.9	22.3#
100	0.0	8.6	12.8#

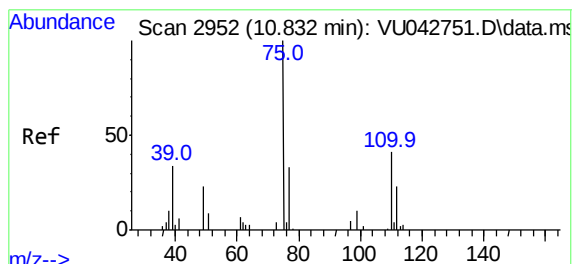
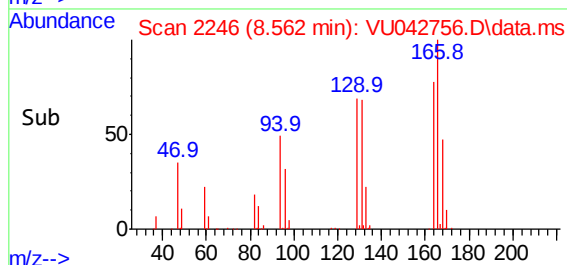
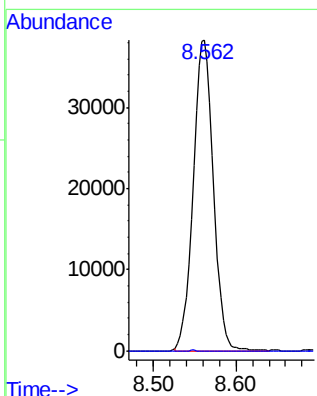
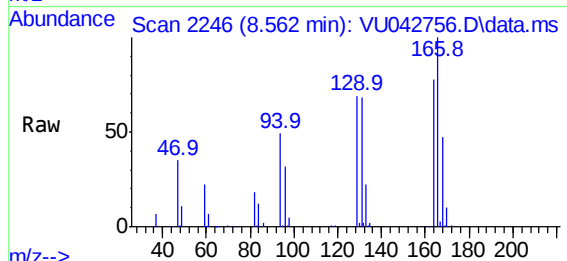




#49
Dibromochloromethane
Concen: 10.89 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Instrument :
MSVOA_U
ClientSampleId :
ETZD5

Tgt Ion:129 Resp: 65606
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.93 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042756.D
Acq: 22 Mar 2021 12:39

Tgt Ion: 75 Resp: 4551
Ion Ratio Lower Upper
75 100
77 38.3 26.0 39.0

