

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042644.D
 Acq On : 13 Mar 2021 05:37
 Operator : SY/MD
 Sample : M1676-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE4

Quant Time: Mar 13 06:47:15 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)

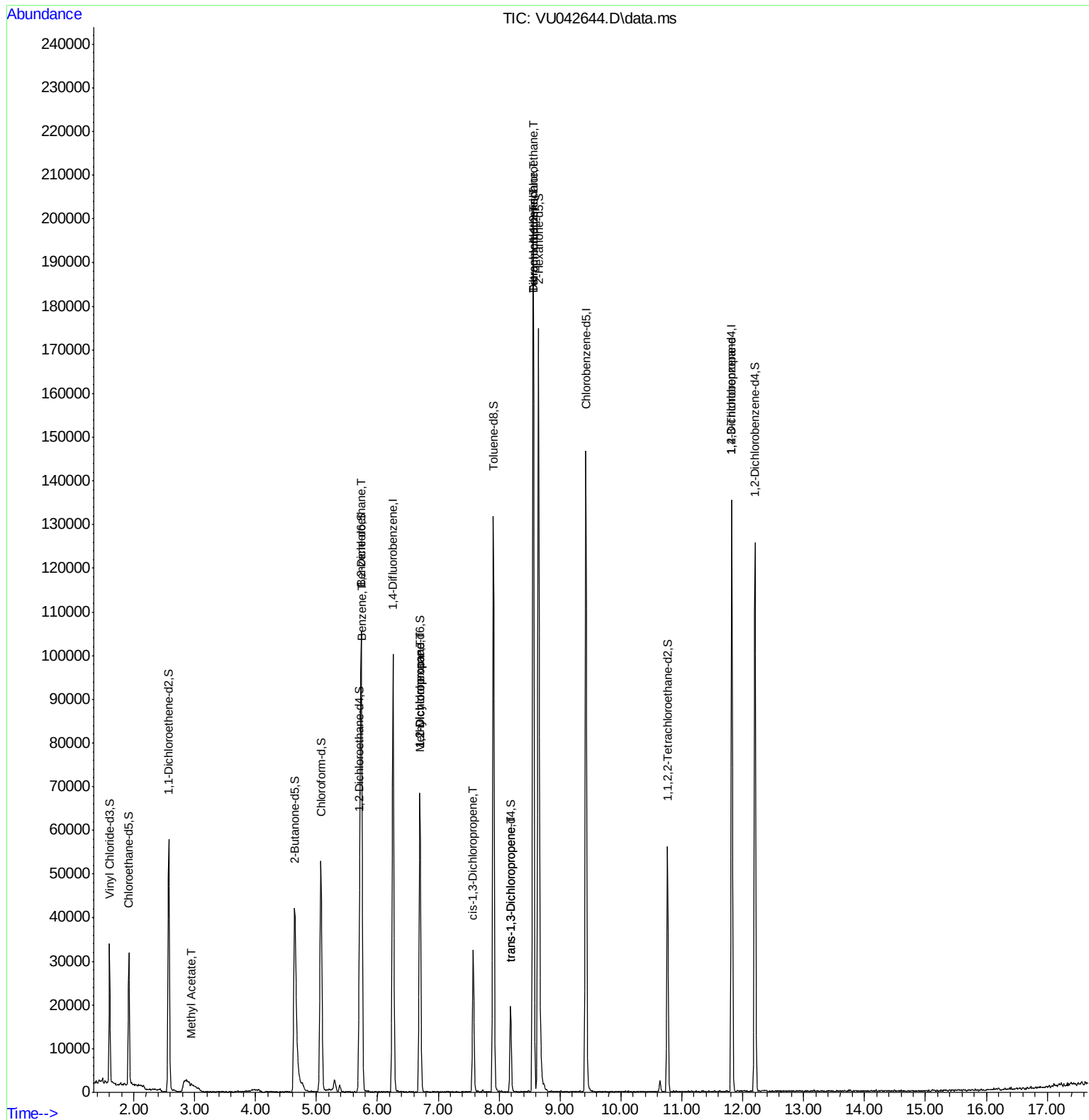
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	76545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34381	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21569	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	84.40%		
7) Chloroethane-d5	1.919	69	19835	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	102.40%		
11) 1,1-Dichloroethene-d2	2.575	63	35304	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.20%		
20) 2-Butanone-d5	4.642	46	84028	50.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	100.06%		
24) Chloroform-d	5.073	84	47757	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.40%		
26) 1,2-Dichloroethane-d4	5.710	65	33235	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	106.80%		
32) Benzene-d6	5.736	84	87958	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.80%		
36) 1,2-Dichloropropane-d6	6.700	67	28670	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.80%		
41) Toluene-d8	7.906	98	81115	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.60%		
43) trans-1,3-Dichloroprop...	8.189	79	10748	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	76.00%		
46) 2-Hexanone-d5	8.645	63	60784	44.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	89.76%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25402	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.20%		
64) 1,2-Dichlorobenzene-d4	12.202	152	30840	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.00%		
Target Compounds						
15) Methyl Acetate	2.945	43	830	0.26	ug/L #	55
27) 1,2-Dichloroethane	5.736	62	626	0.07	ug/L #	75
33) Benzene	5.742	78	795	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	6688	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3770	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	795	0.08	ug/L #	35
44) trans-1,3-Dichloropropene	8.189	75	481	0.06	ug/L	96
45) 1,1,2-Trichloroethane	8.565	97	333	0.07	ug/L #	2
47) Tetrachloroethene	8.559	164	43712	8.08	ug/L	98
49) Dibromochloromethane	8.559	129	39614	6.64	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4510	0.93	ug/L	93

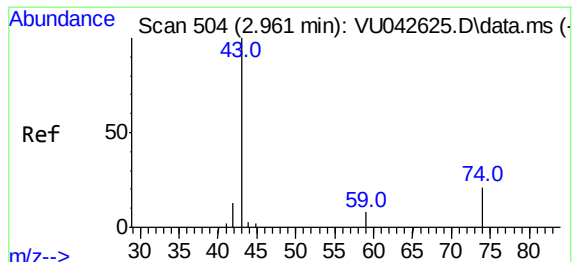
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
Data File : VU042644.D
Acq On : 13 Mar 2021 05:37
Operator : SY/MD
Sample : M1676-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AE4

Quant Time: Mar 13 06:47:15 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

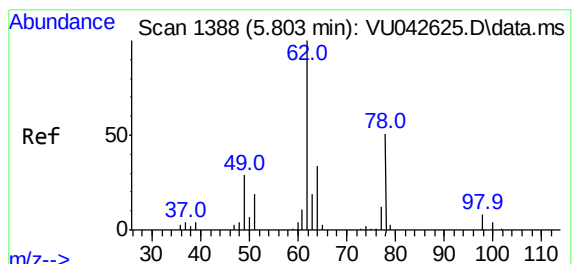
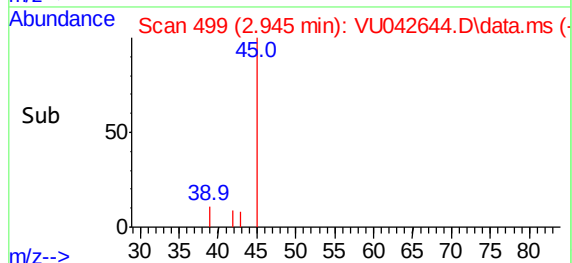
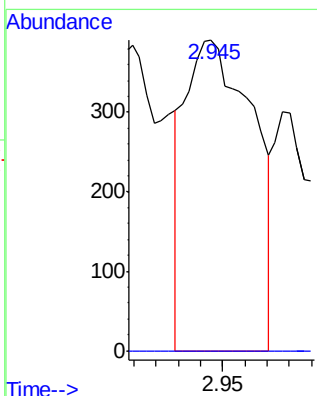
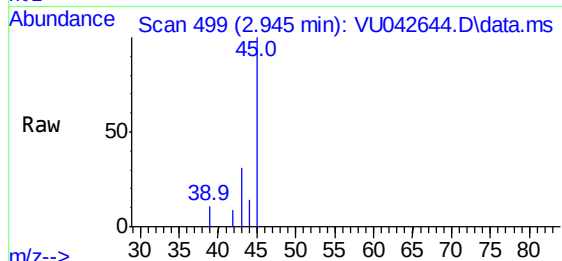




#15
Methyl Acetate
Concen: 0.26 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.016 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

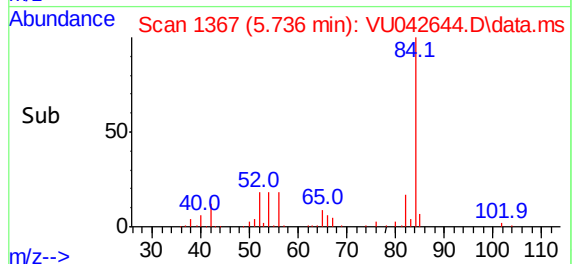
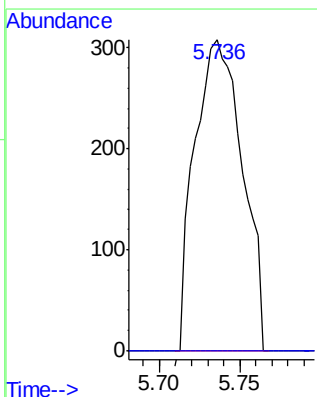
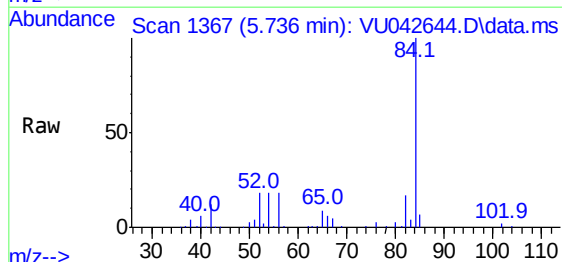
Instrument :
MSVOA_U
ClientSampled :
C0AE4

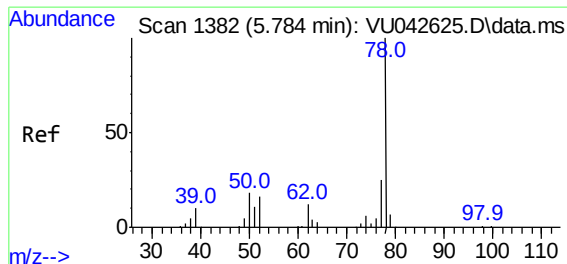
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

Tgt Ion: 62 Resp: 626
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

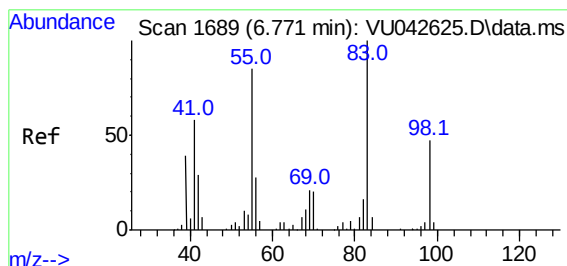
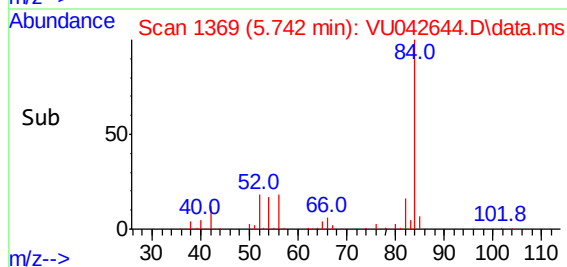
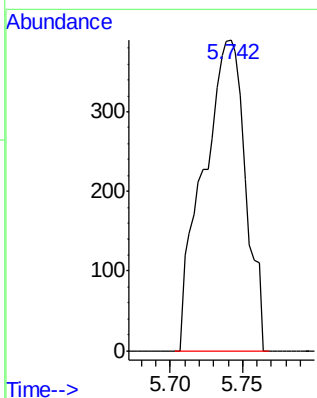
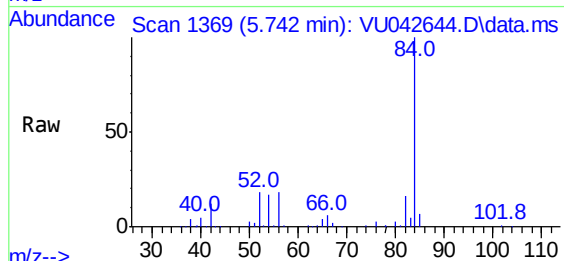




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

Instrument :
MSVOA_U
ClientSampled :
C0AE4

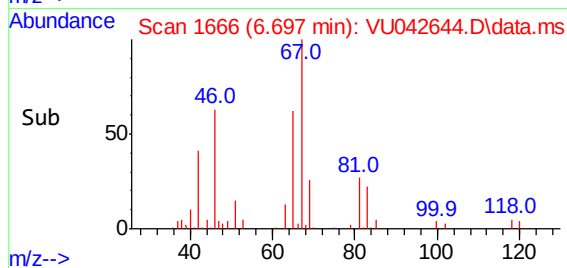
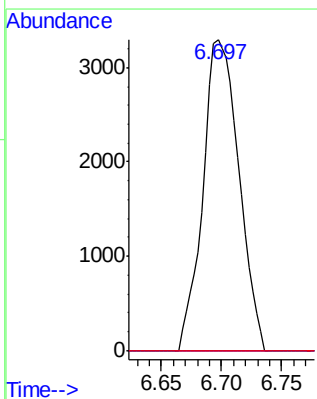
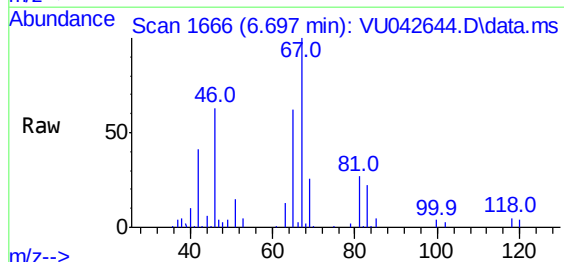
Tgt Ion: 78 Resp: 795

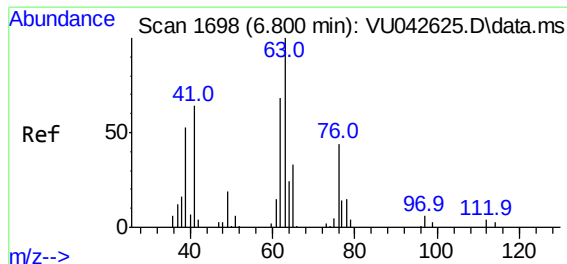


#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

Tgt Ion: 83 Resp: 6688

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

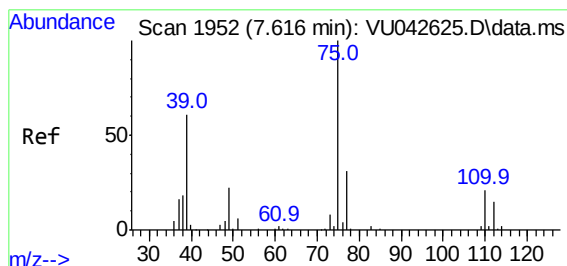
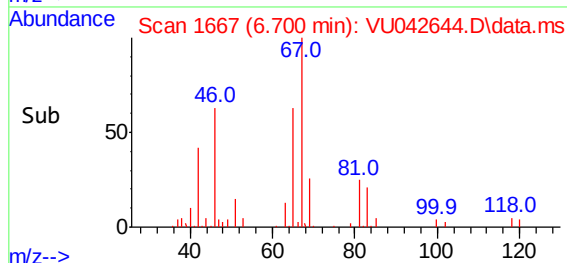
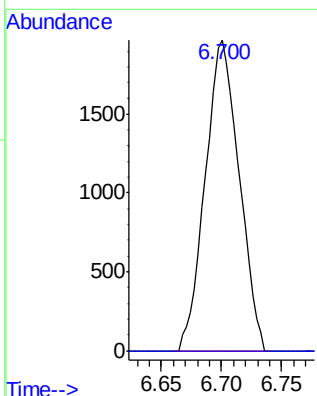
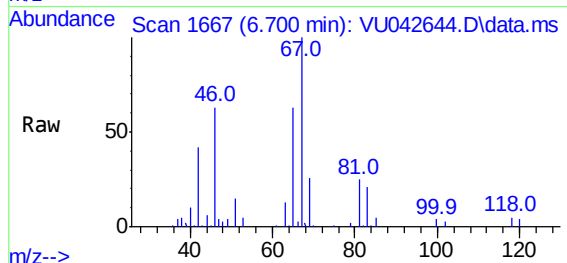




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

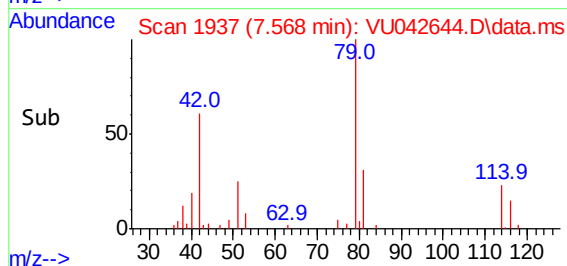
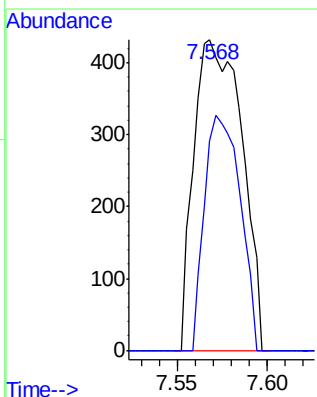
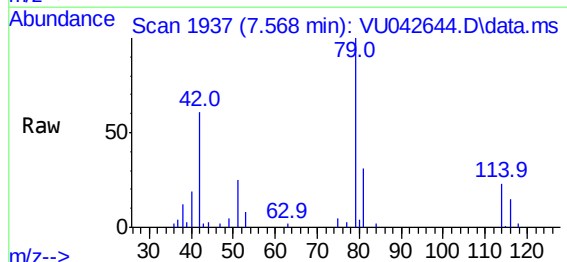
Instrument :
MSVOA_U
ClientSampled :
C0AE4

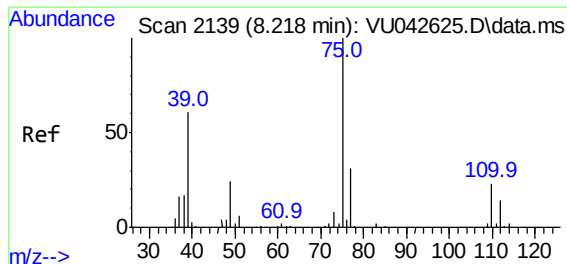
Tgt Ion: 63 Resp: 3770
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

Tgt Ion: 75 Resp: 795
Ion Ratio Lower Upper
75 100
77 67.4 22.0 40.8#



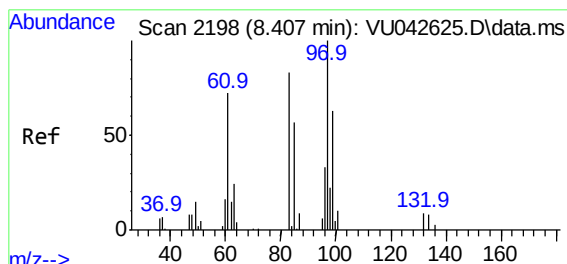
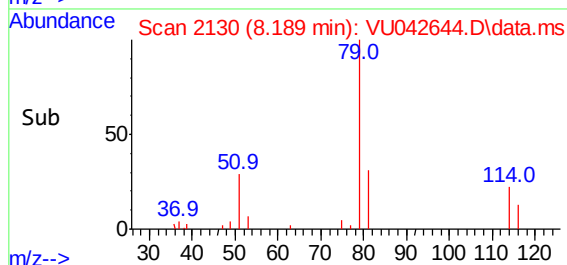
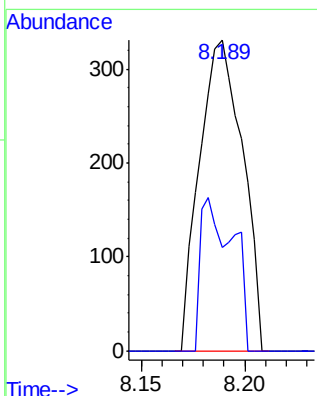
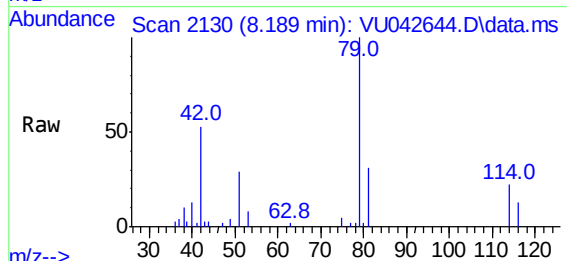


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

Instrument :
MSVOA_U
ClientSampleId :
C0AE4

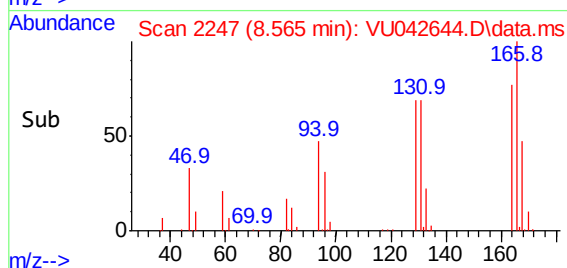
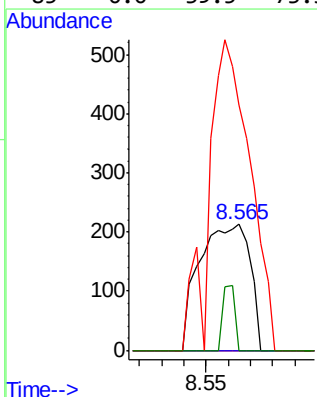
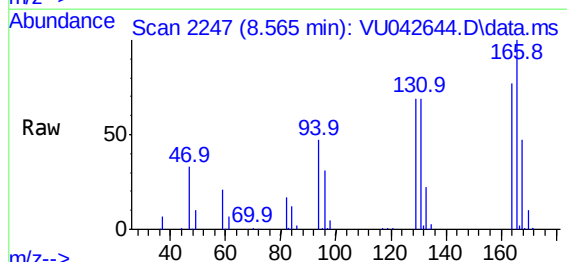
Tgt Ion: 75 Resp: 481
Ion Ratio Lower Upper
75 100
77 33.2 21.8 40.4

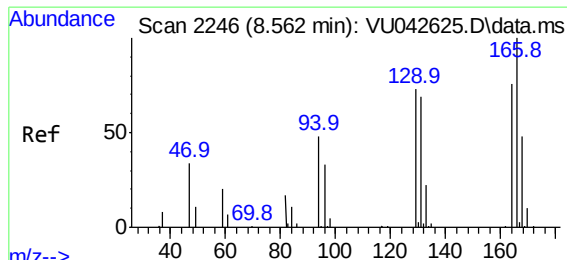


#45

1,1,2-Trichloroethane
Concen: 0.07 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.158 min
Lab File: VU042644.D
Acq: 13 Mar 2021 05:37

Tgt Ion: 97 Resp: 333
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 194.4 57.6 107.0#
85 0.0 39.5 73.3#





#47

Tetrachloroethene

Concen: 8.08 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU042644.D

Acq: 13 Mar 2021 05:37

Instrument :

MSVOA_U

ClientSampleId :

C0AE4

Tgt Ion:164 Resp: 43712

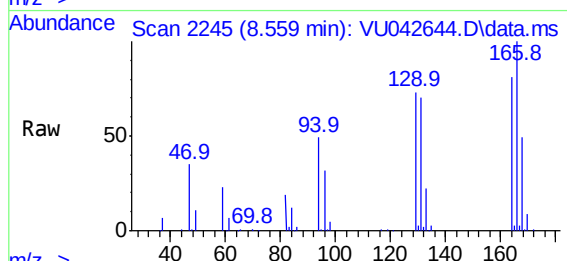
Ion Ratio Lower Upper

164 100

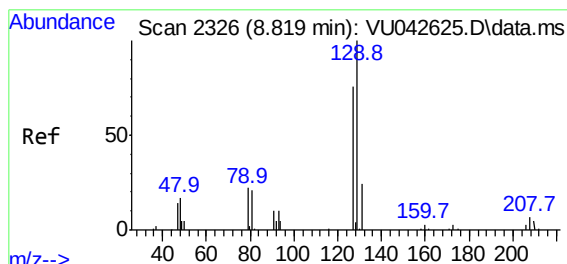
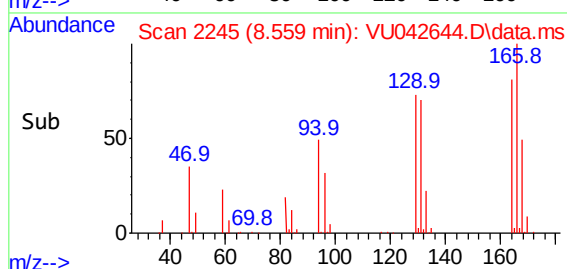
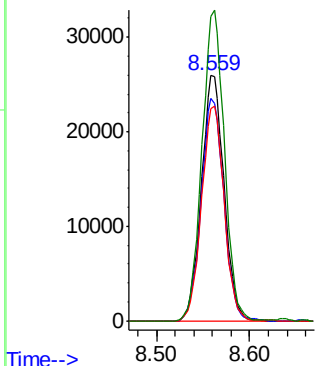
129 90.9 64.3 119.5

131 86.7 62.2 115.6

166 123.9 88.6 164.6



Abundance



#49

Dibromochloromethane

Concen: 6.64 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU042644.D

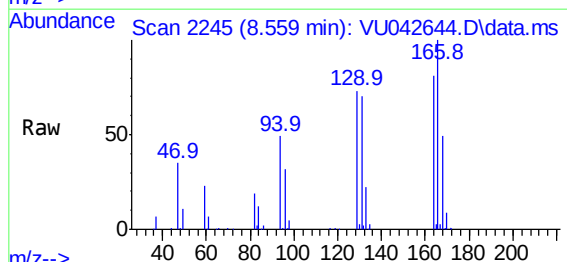
Acq: 13 Mar 2021 05:37

Tgt Ion:129 Resp: 39614

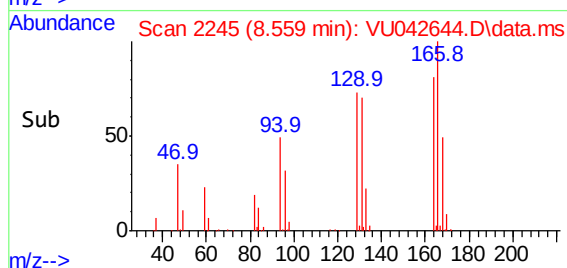
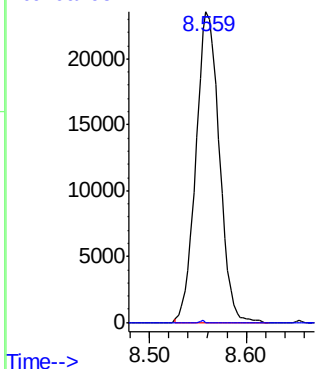
Ion Ratio Lower Upper

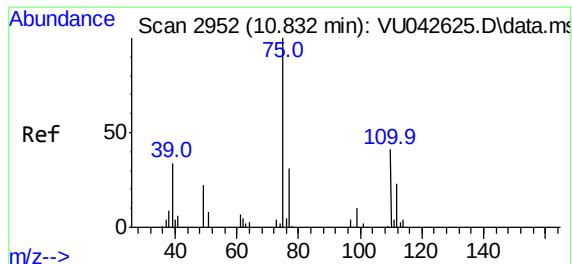
129 100

127 0.0 52.3 97.1#



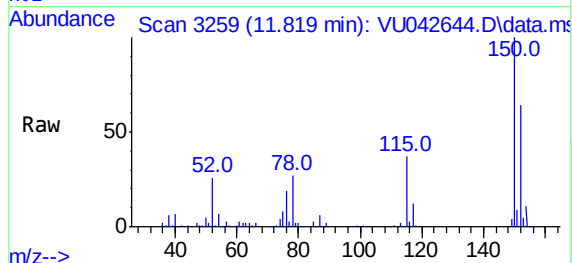
Abundance





#59
 1,2,3-Trichloropropane
 Concen: 0.93 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042644.D
 Acq: 13 Mar 2021 05:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE4



Tgt Ion: 75 Resp: 4510
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.0 39.0

