

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042144.D
 Acq On : 21 Jan 2021 12:35
 Operator : SY/MD
 Sample : M1170-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT94

Quant Time: Jan 22 02:46:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

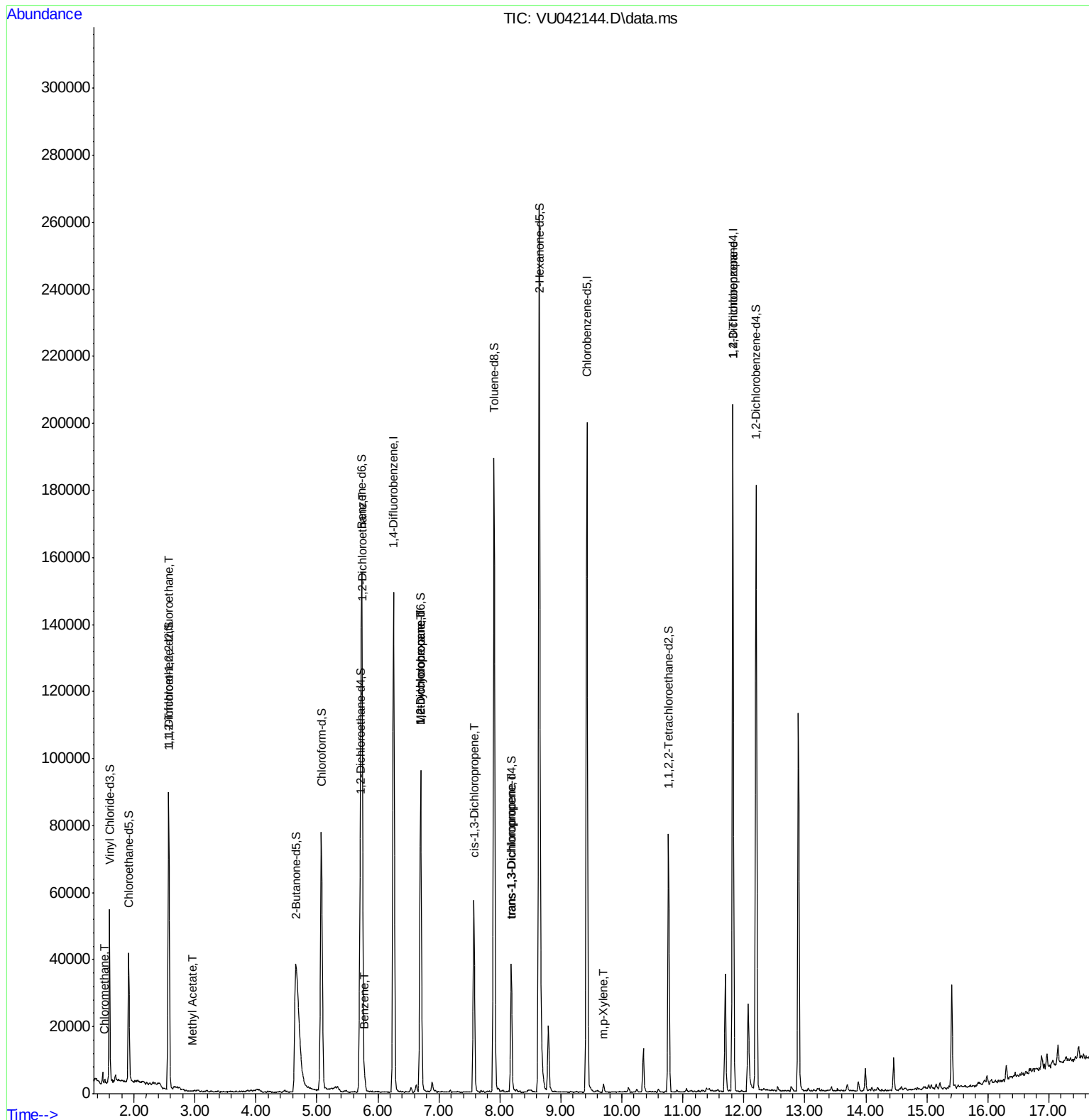
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	106461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52776	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31079	4.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.80%		
7) Chloroethane-d5	1.916	69	25460	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	83.20%		
11) 1,1-Dichloroethene-d2	2.568	63	55150	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.80%		
20) 2-Butanone-d5	4.652	46	127278	45.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	91.80%		
24) Chloroform-d	5.073	84	68669	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.60%		
26) 1,2-Dichloroethane-d4	5.710	65	43420	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.40%		
32) Benzene-d6	5.735	84	131557	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.60%		
36) 1,2-Dichloropropane-d6	6.700	67	41917	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	93.40%		
41) Toluene-d8	7.906	98	117378	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.40%		
43) trans-1,3-Dichloroprop...	8.185	79	20479	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.20%		
46) 2-Hexanone-d5	8.645	63	94784	47.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	95.80%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36897	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	96.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	45773	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.60%		
Target Compounds						
3) Chloromethane	1.520	50	860	0.09	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	418	0.05	ug/L #	18
15) Methyl Acetate	2.967	43	545	0.13	ug/L #	55
27) 1,2-Dichloroethane	5.742	62	866	0.08	ug/L #	75
33) Benzene	5.780	78	2970	0.09	ug/L	100
35) Methylcyclohexane	6.700	83	10106	0.71	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4792	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1391	0.10	ug/L #	52
44) trans-1,3-Dichloropropene	8.189	75	904	0.07	ug/L #	62
53) m,p-Xylene	9.700	106	786	0.05	ug/L	98
59) 1,2,3-Trichloropropane	11.819	75	6165	1.06	ug/L	97

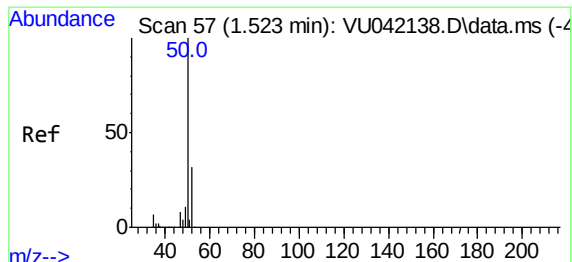
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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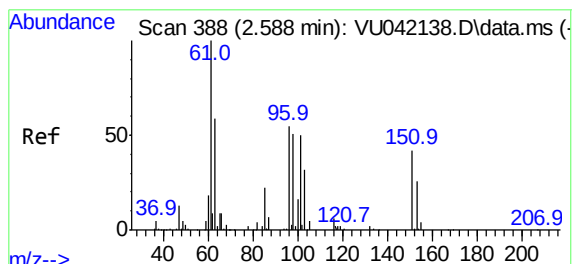
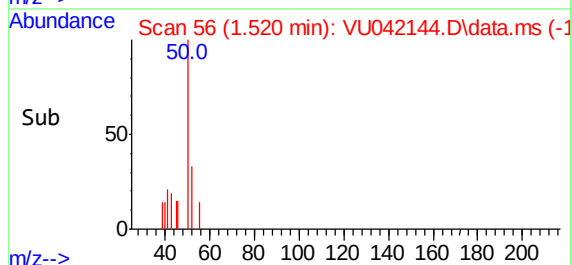
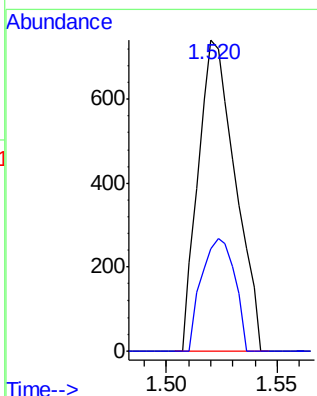
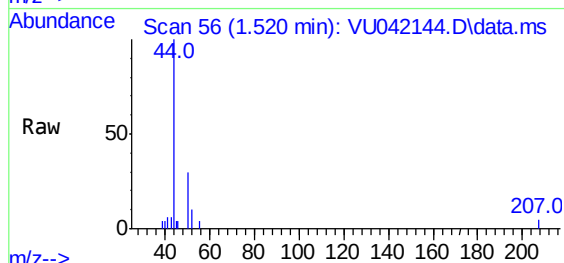




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

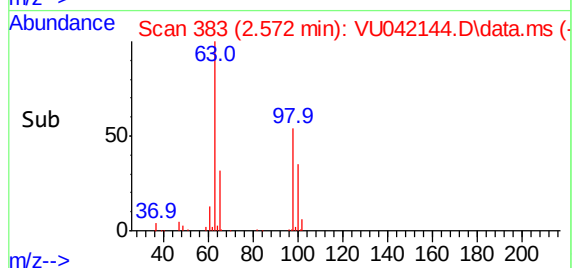
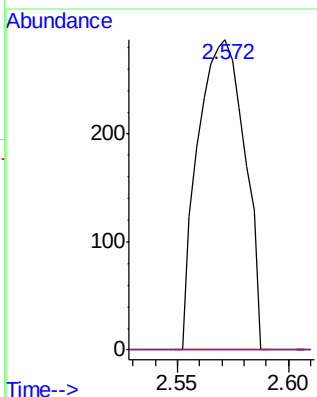
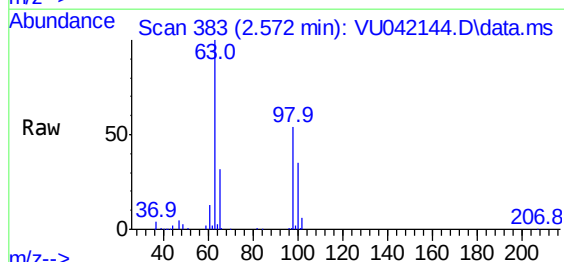
Instrument :
MSVOA_U
ClientSampleId :
BFT94

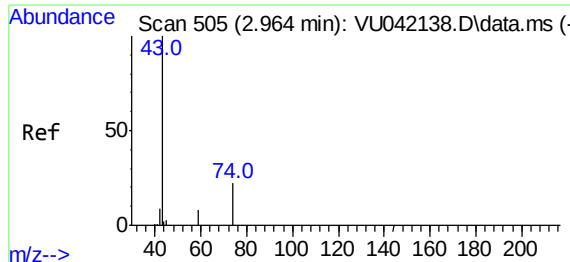
Tgt Ion: 50 Resp: 860
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Tgt Ion: 101 Resp: 418
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

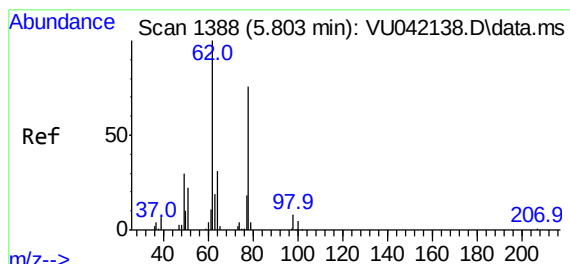
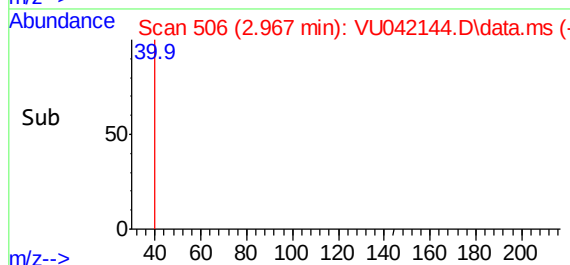
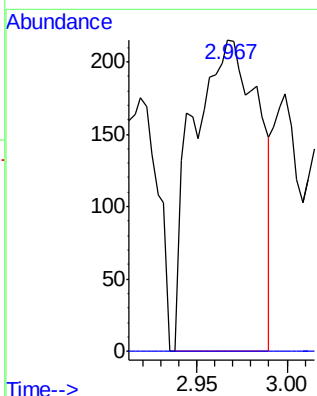
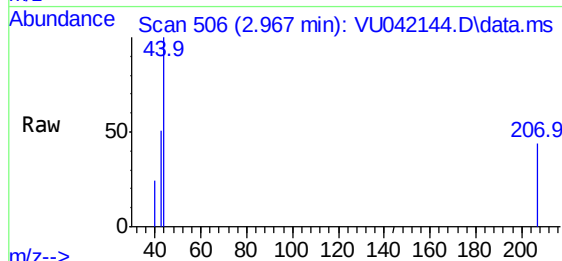




#15
Methyl Acetate
Concen: 0.13 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

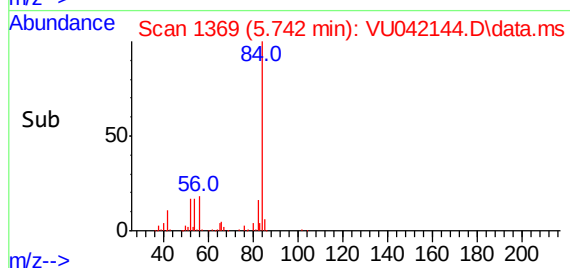
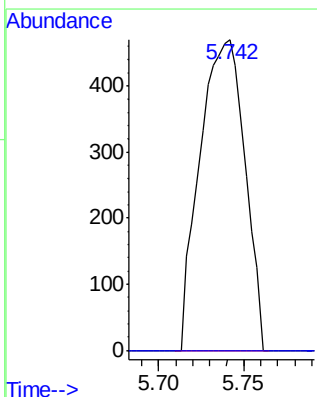
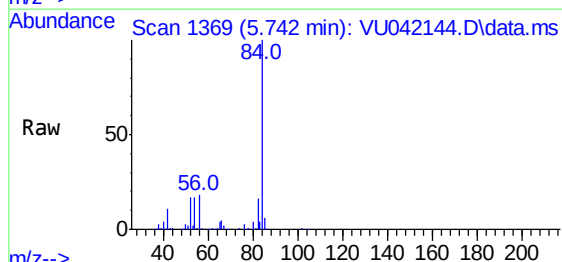
Instrument :
MSVOA_U
ClientSampleId :
BFT94

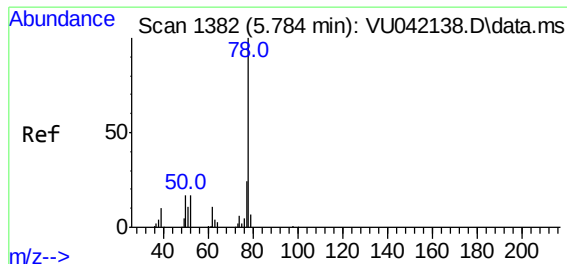
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Tgt Ion: 62 Resp: 866
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

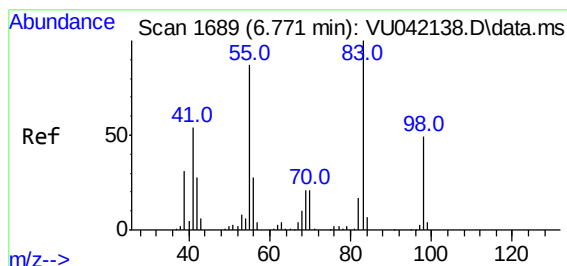
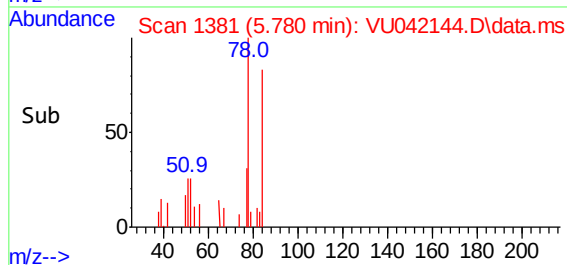
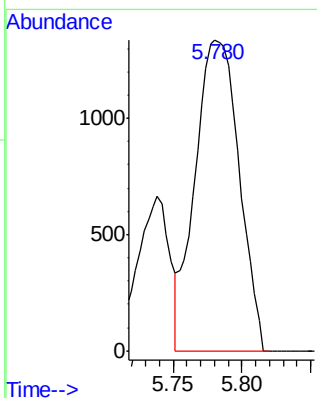
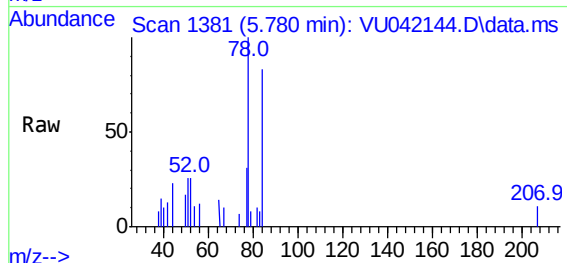




#33
Benzene
Concen: 0.09 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Instrument :
MSVOA_U
ClientSampleId :
BFT94

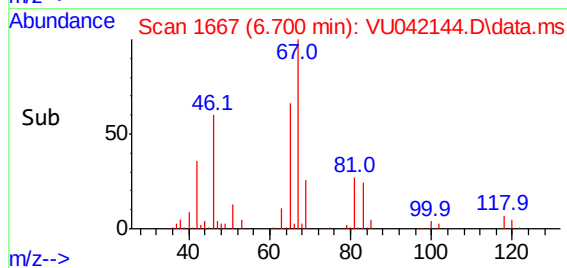
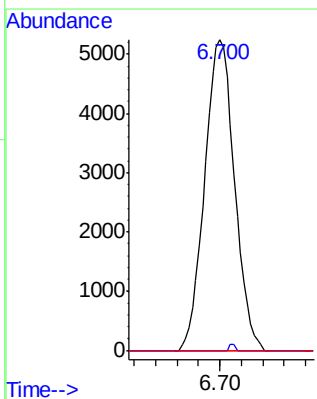
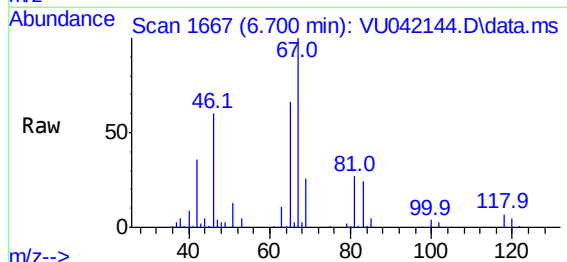
Tgt Ion: 78 Resp: 2970

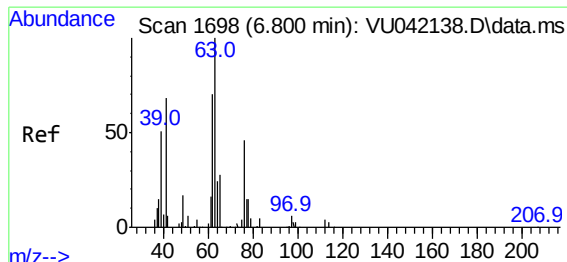


#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Tgt Ion: 83 Resp: 10106

Ion	Ratio	Lower	Upper
83	100		
55	0.4	68.2	102.4#
98	0.0	39.7	59.5#

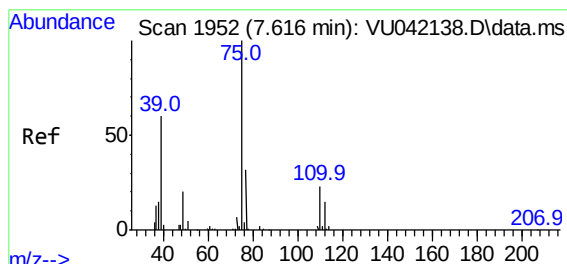
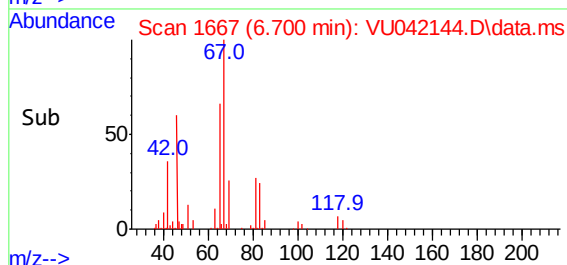
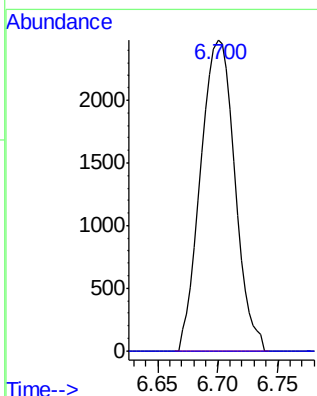
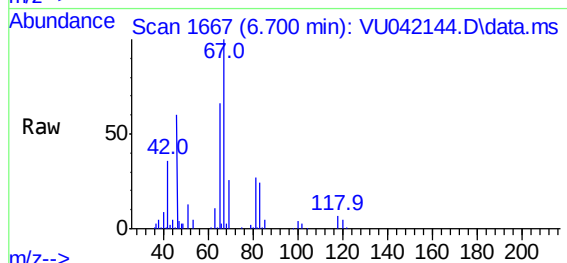




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

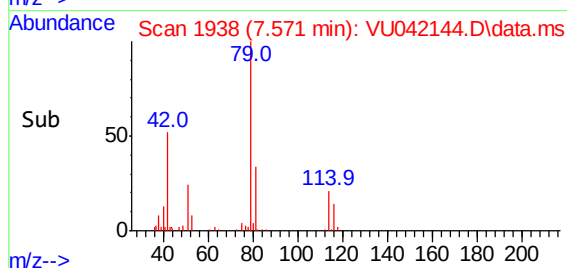
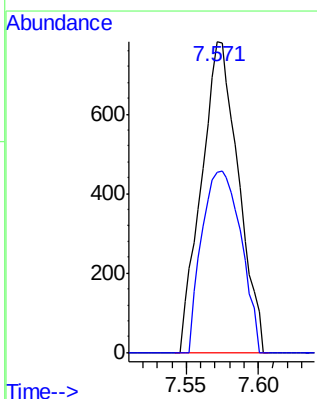
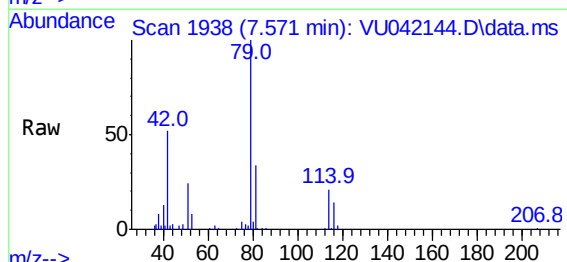
Instrument :
MSVOA_U
ClientSampleId :
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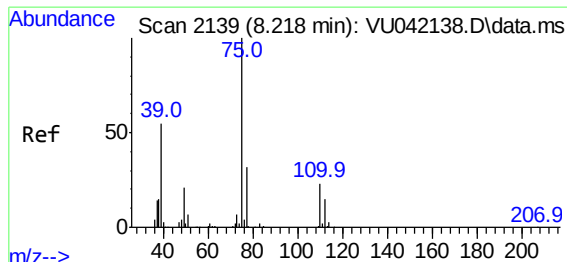
Tgt Ion: 63 Resp: 4792
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Tgt Ion: 75 Resp: 1391
Ion Ratio Lower Upper
75 100
77 58.2 22.0 40.8#



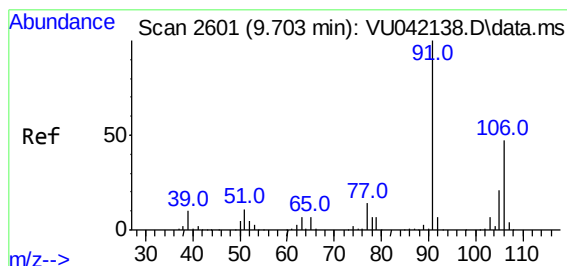
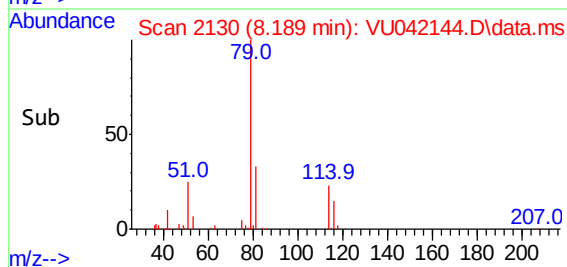
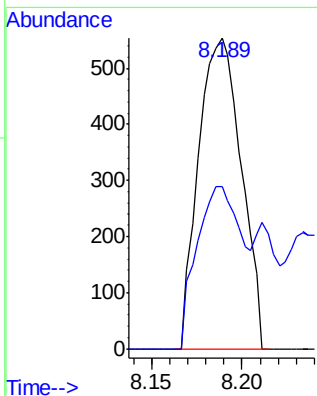
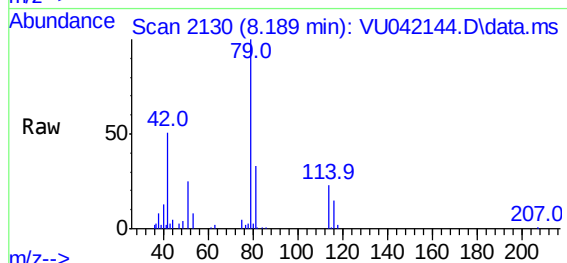


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Instrument :
MSVOA_U
ClientSampled :
BFT94

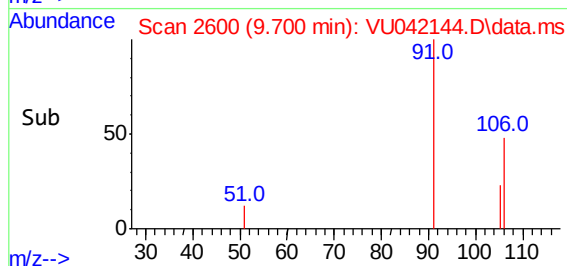
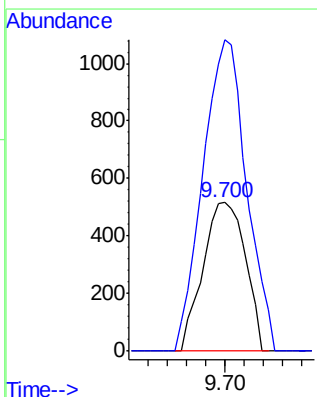
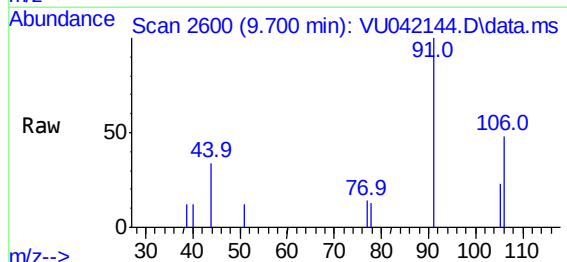
Tgt Ion: 75 Resp: 904
Ion Ratio Lower Upper
75 100
77 52.2 21.8 40.4#

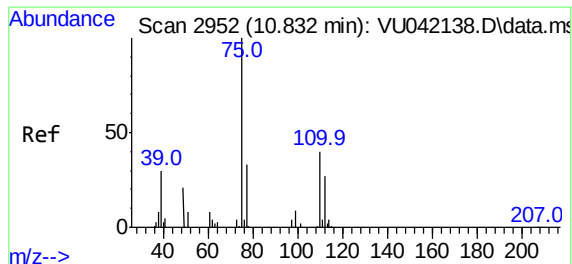


#53

m,p-Xylene
Concen: 0.05 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042144.D
Acq: 21 Jan 2021 12:35

Tgt Ion: 106 Resp: 786
Ion Ratio Lower Upper
106 100
91 210.3 145.1 269.5





#59
 1,2,3-Trichloropropane
 Concen: 1.06 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042144.D
 Acq: 21 Jan 2021 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT94

Tgt Ion: 75 Resp: 6165
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.0 39.0

