

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043746.D
 Acq On : 14 May 2021 11:18
 Operator : SY/MD
 Sample : M2350-01DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 14:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

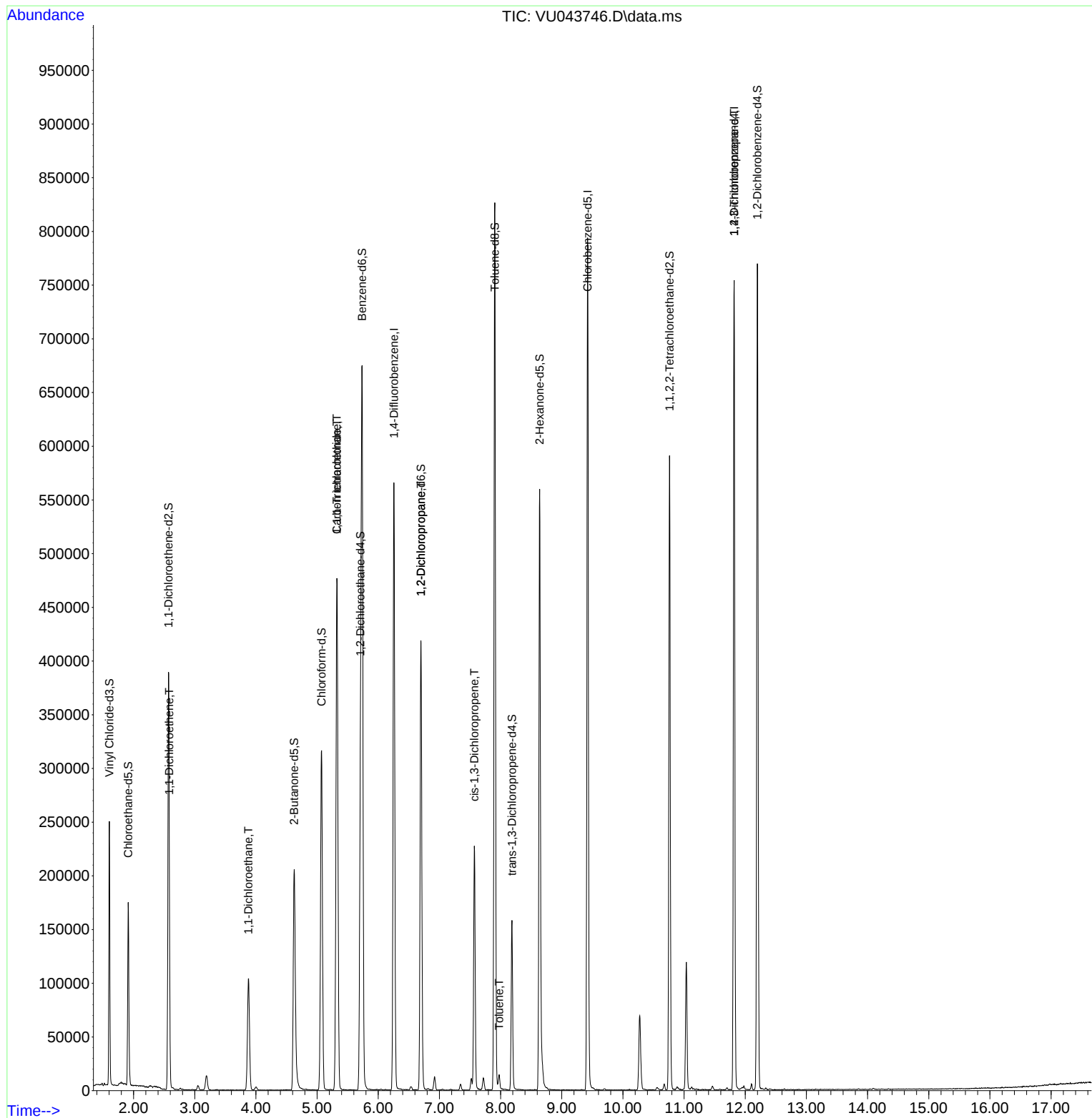
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	460348	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	445176	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	208045	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	168806	44.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.58%		
7) Chloroethane-d5	1.912	69	128189	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.54%		
11) 1,1-Dichloroethene-d2	2.571	63	223879	34.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.00%		
21) 2-Butanone-d5	4.626	46	294620	98.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.81%		
24) Chloroform-d	5.073	84	297624	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.04%		
26) 1,2-Dichloroethane-d4	5.710	65	191618	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.58%		
32) Benzene-d6	5.735	84	628047	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.22%		
36) 1,2-Dichloropropane-d6	6.697	67	208595	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.94%		
41) Toluene-d8	7.906	98	552627	46.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.10%		
43) trans-1,3-Dichloroprop...	8.185	79	86894	46.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.36%		
47) 2-Hexanone-d5	8.639	63	191161	92.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.77%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	296360	45.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.02%		
66) 1,2-Dichlorobenzene-d4	12.198	152	210283	51.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.42%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	7338	2.21	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	121052	18.01	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	344636	64.22	ug/L	99
31) Carbon tetrachloride	5.324	117	46540	10.56	ug/L	100
37) 1,2-Dichloropropane	6.697	63	21438	5.22	ug/L #	97
39) cis-1,3-Dichloropropene	7.571	75	5336	0.95	ug/L #	59
42) Toluene	7.976	91	8682	0.55	ug/L	99
60) 1,2,3-Trichloropropane	11.819	75	23561	4.85	ug/L #	69

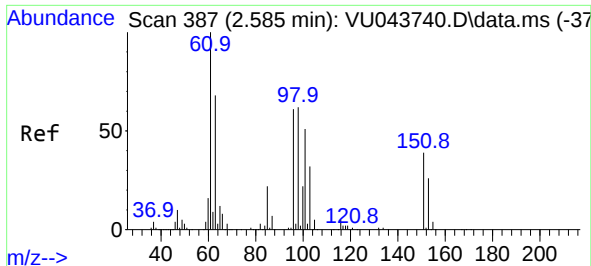
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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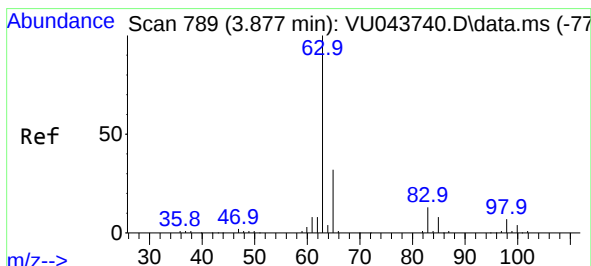
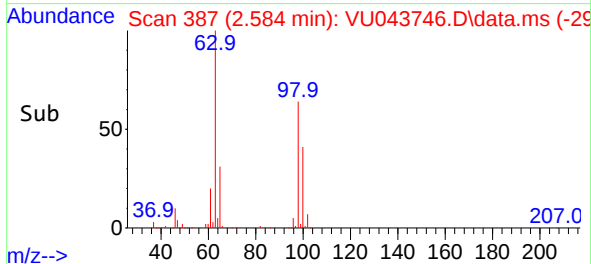
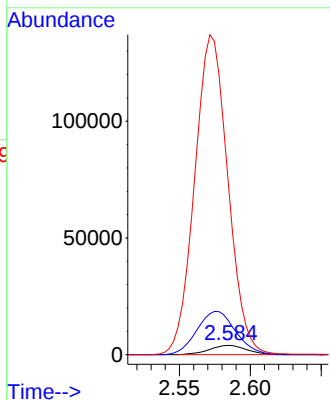
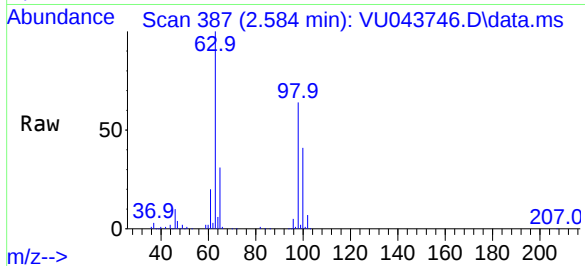




#12
1,1-Dichloroethene
Concen: 2.21 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

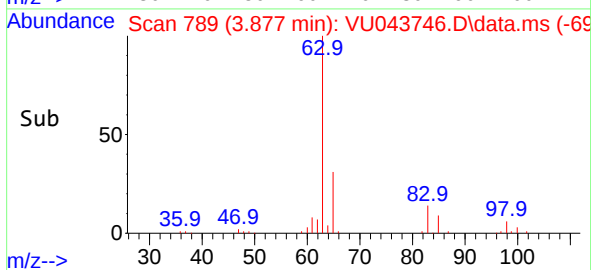
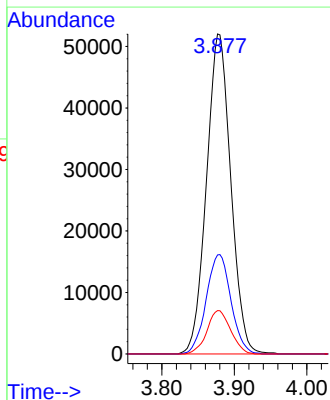
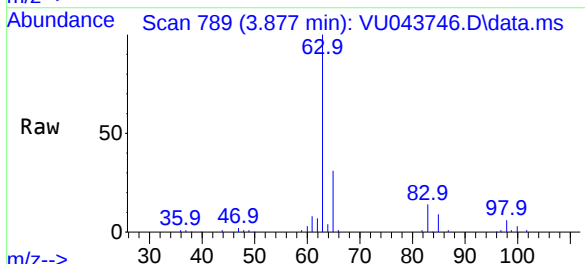
Instrument :
MSVOA_U
ClientSampleId :

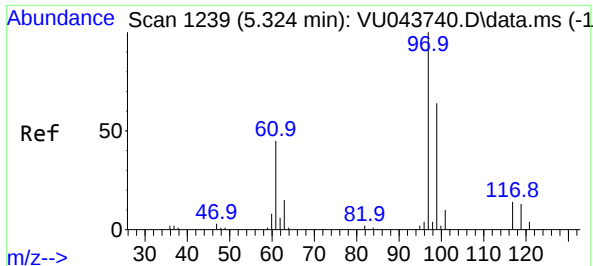
Tgt Ion: 96 Resp: 7338
Ion Ratio Lower Upper
96 100
61 367.7 116.3 215.9#
63 1858.5 80.8 150.2#



#19
1,1-Dichloroethane
Concen: 18.01 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

Tgt Ion: 63 Resp: 121052
Ion Ratio Lower Upper
63 100
65 30.9 22.0 41.0
83 13.5 8.7 16.1

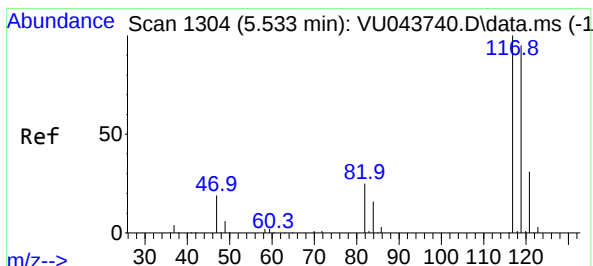
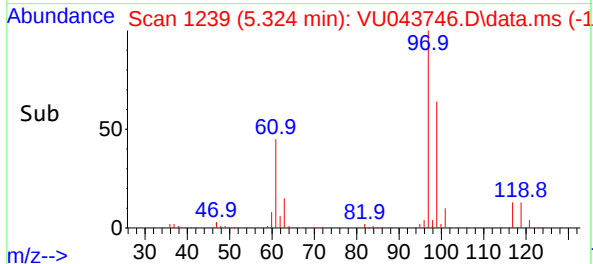
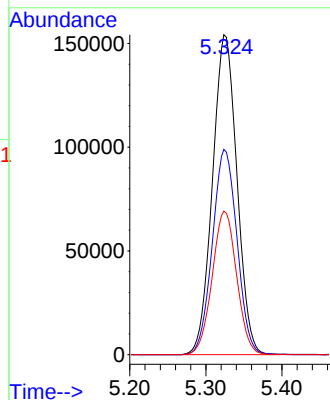
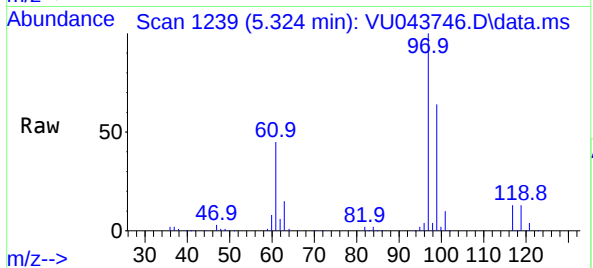




#30
1,1,1-Trichloroethane
Concen: 64.22 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

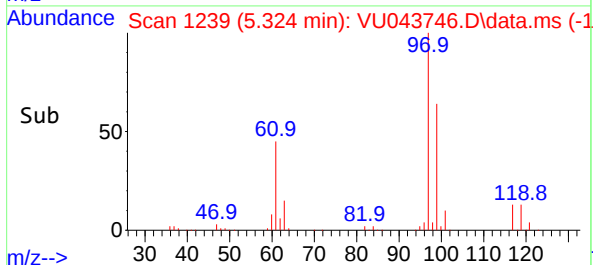
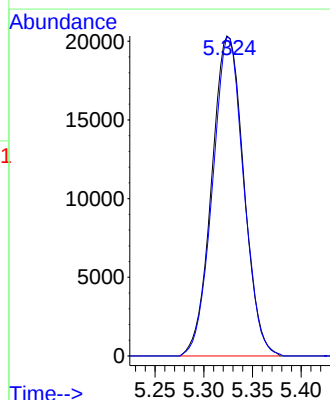
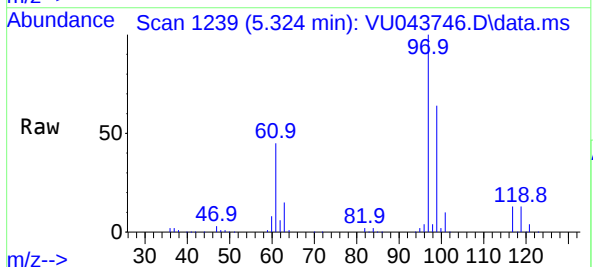
Instrument :
MSVOA_U
ClientSampleId :

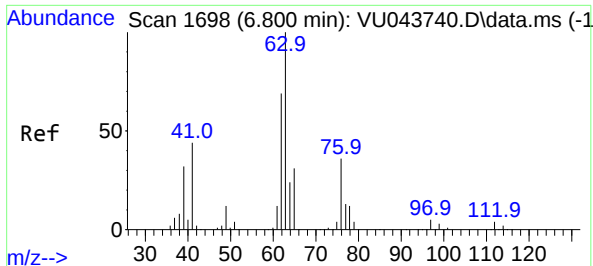
Tgt Ion: 97 Resp: 344636
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 44.9 36.9 55.3



#31
Carbon tetrachloride
Concen: 10.56 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.209 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

Tgt Ion: 117 Resp: 46540
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.6



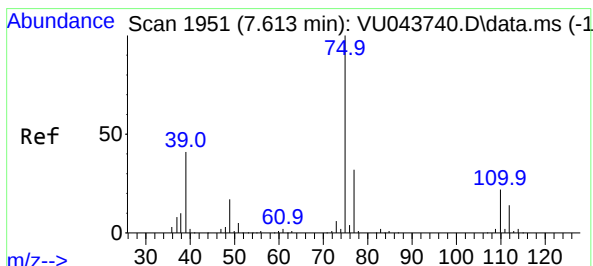
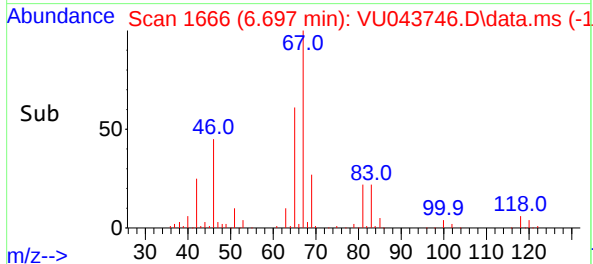
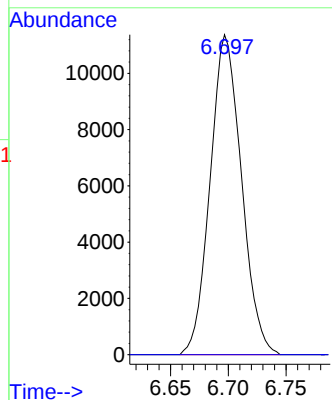
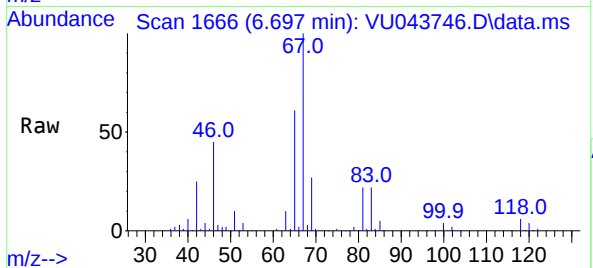


#37

1,2-Dichloropropane
Concen: 5.22 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

Instrument :
MSVOA_U
ClientSampled :

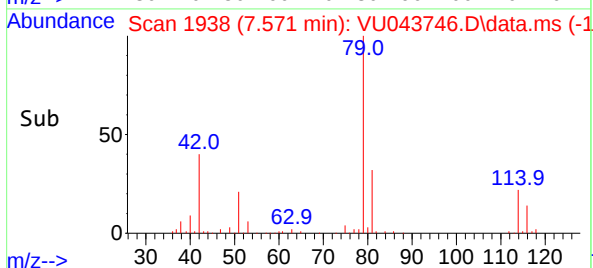
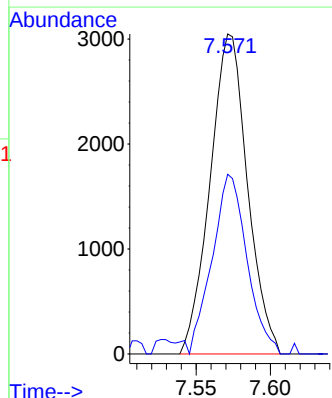
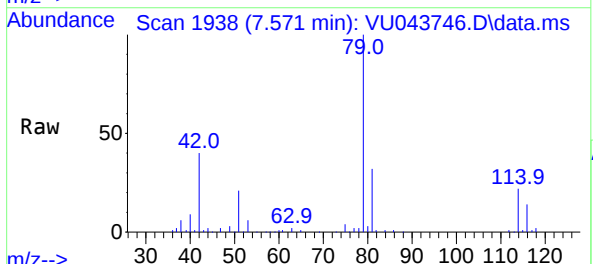
Tgt Ion: 63 Resp: 21438
Ion Ratio Lower Upper
63 100
112 2.6 3.0 4.4#

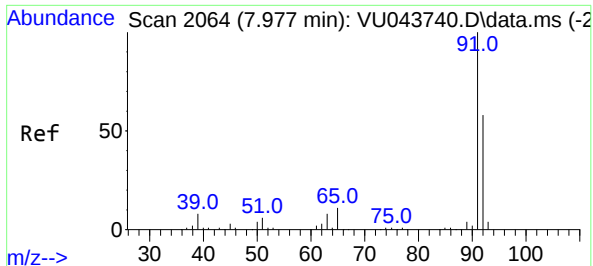


#39

cis-1,3-Dichloropropene
Concen: 0.95 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

Tgt Ion: 75 Resp: 5336
Ion Ratio Lower Upper
75 100
77 54.1 22.0 41.0#

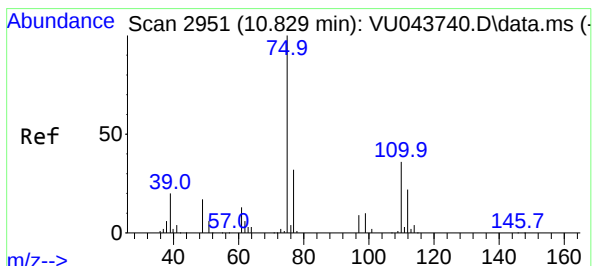
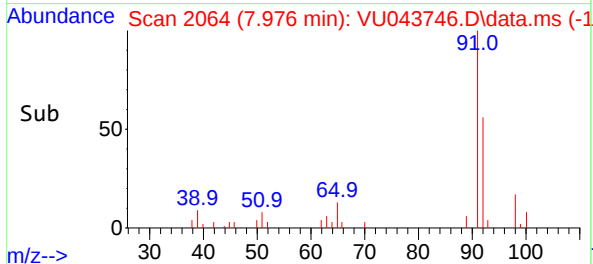
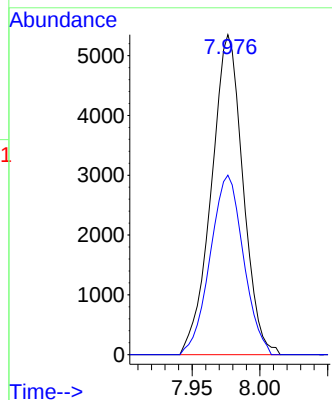
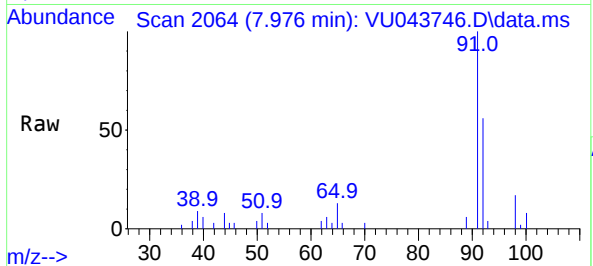




#42
Toluene
Concen: 0.55 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 91 Resp: 8682
Ion Ratio Lower Upper
91 100
92 56.1 39.7 73.7



#60
1,2,3-Trichloropropane
Concen: 4.85 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043746.D
Acq: 14 May 2021 11:18

Tgt Ion: 75 Resp: 23561
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
110 2.3 28.9 43.3#

