

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043727.D
 Acq On : 14 May 2021 02:43
 Operator : SY/MD
 Sample : M2320-04DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:44:02 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)

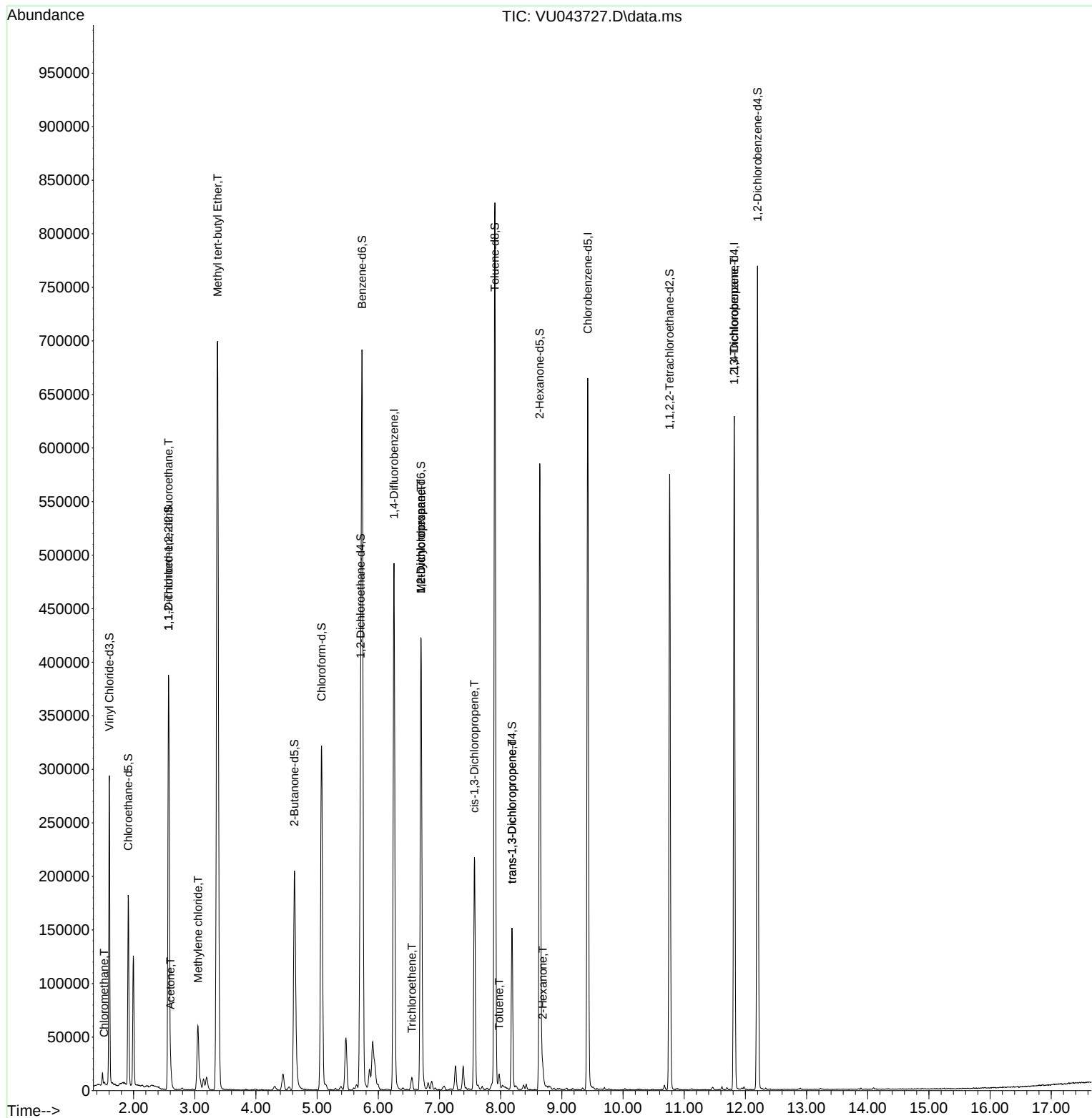
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	394603	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	371140	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	167862	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	177846	54.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.86%			
7) Chloroethane-d5	1.913	69	129319	55.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.08%			
11) 1,1-Dichloroethene-d2	2.572	63	228404	41.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.12%			
21) 2-Butanone-d5	4.629	46	298620	116.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.84%			
24) Chloroform-d	5.073	84	301466	54.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.76%			
26) 1,2-Dichloroethane-d4	5.710	65	193608	56.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.66%			
32) Benzene-d6	5.736	84	640288	58.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.42%			
36) 1,2-Dichloropropane-d6	6.697	67	211515	58.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.92%			
41) Toluene-d8	7.906	98	546785	55.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.48%			
43) trans-1,3-Dichloroprop...	8.186	79	85398	54.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.88%			
47) 2-Hexanone-d5	8.639	63	194958	113.48	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.48%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	291286	53.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.30%			
66) 1,2-Dichlorobenzene-d4	12.198	152	203603	61.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.92%#			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2618	0.65	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	2150	0.74	ug/L #	19
13) Acetone	2.604	43	9633	5.40	ug/L	48
16) Methylene chloride	3.054	84	11904	2.79	ug/L	96
18) Methyl tert-butyl Ether	3.372	73	706452	79.03	ug/L #	93
34) Trichloroethene	6.549	95	2800	0.92	ug/L	94
35) Methylcyclohexane	6.697	83	47550	9.86	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	20860	6.09	ug/L #	91
39) cis-1,3-Dichloropropene	7.571	75	4816	1.03	ug/L #	55
42) Toluene	7.977	91	8497	0.65	ug/L	100
44) trans-1,3-Dichloropropene	8.186	75	3630	0.82	ug/L #	77
48) 2-Hexanone	8.687	43	6462	1.56	ug/L #	72
60) 1,2,3-Trichloropropane	11.816	75	19063	4.87	ug/L #	68

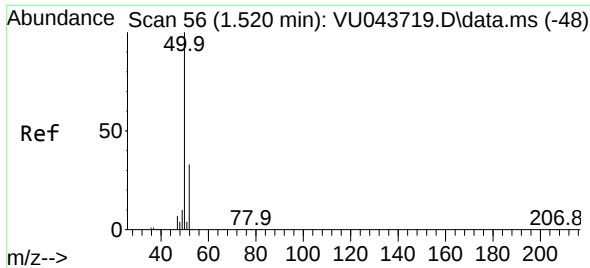
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
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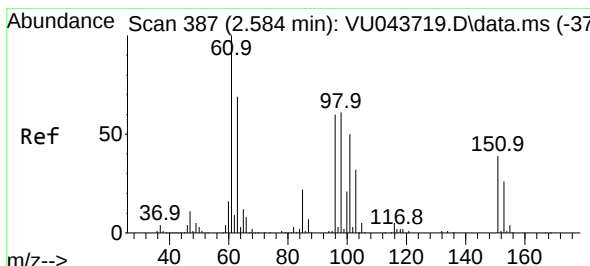
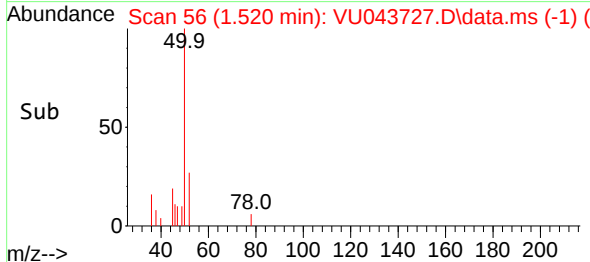
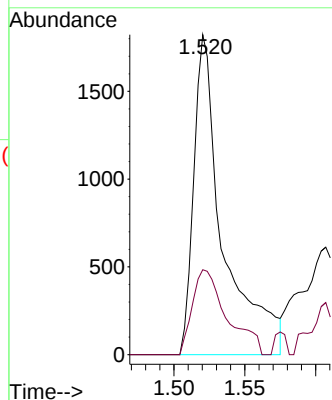
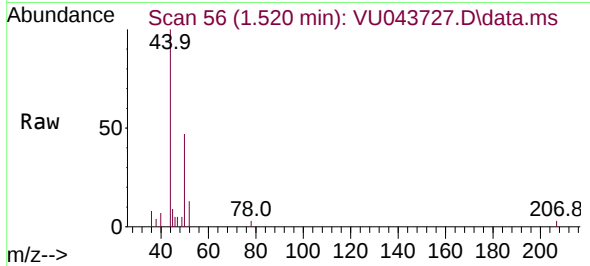




#3
Chloromethane
Concen: 0.65 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

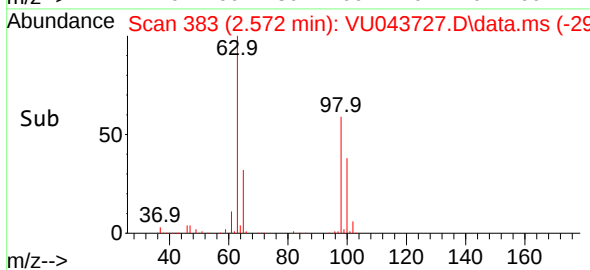
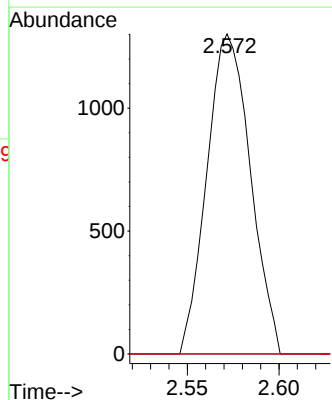
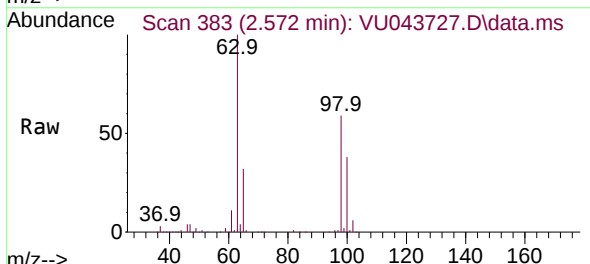
Instrument :
MSVOA_U
ClientSampled :

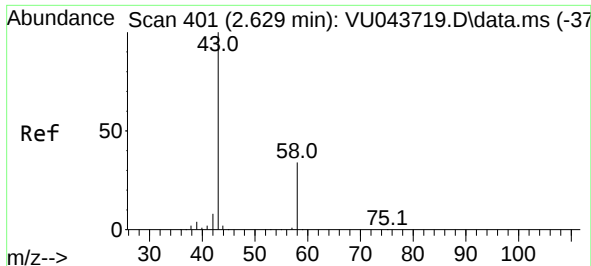
Tgt Ion: 50 Resp: 2618
Ion Ratio Lower Upper
50 100
52 26.5 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.74 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

Tgt Ion: 101 Resp: 2150
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 0.0 60.4 90.6#

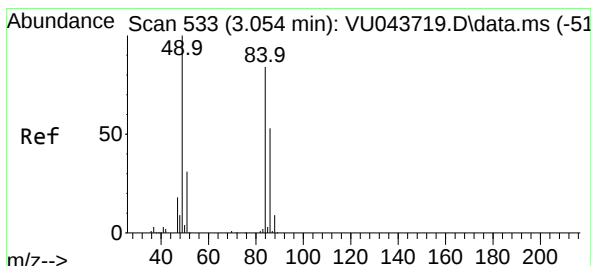
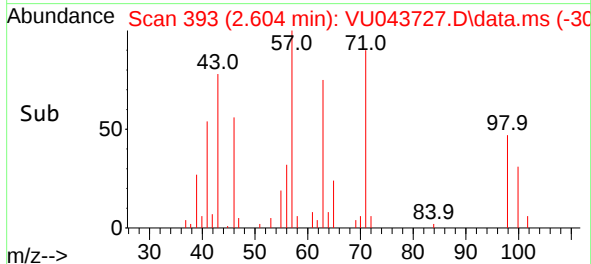
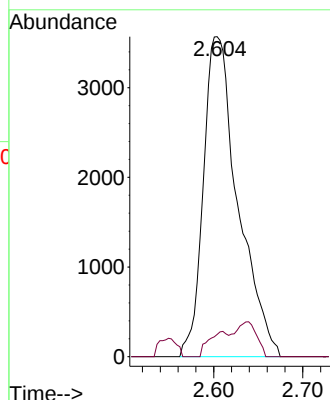
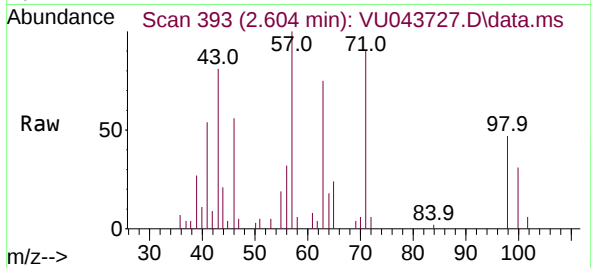




#13
Acetone
Concen: 5.40 ug/L
RT: 2.604 min Scan# 393
Delta R.T. -0.025 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

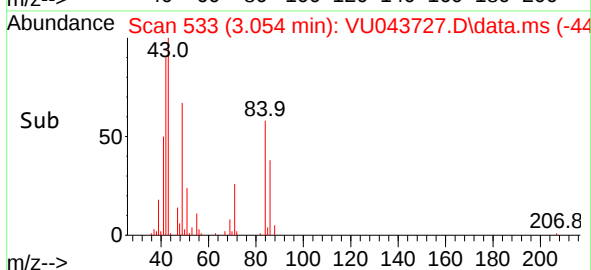
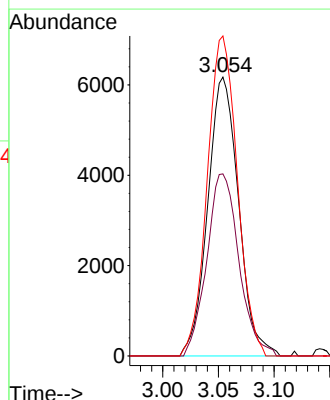
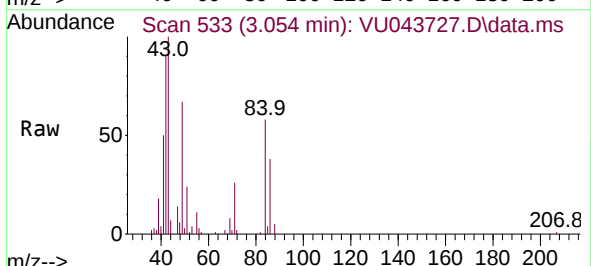
Instrument :
MSVOA_U
ClientSampled :

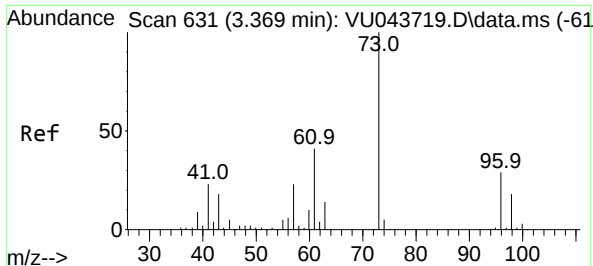
Tgt Ion: 43 Resp: 9633
Ion Ratio Lower Upper
43 100
58 4.4 0.0 69.4



#16
Methylene chloride
Concen: 2.79 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

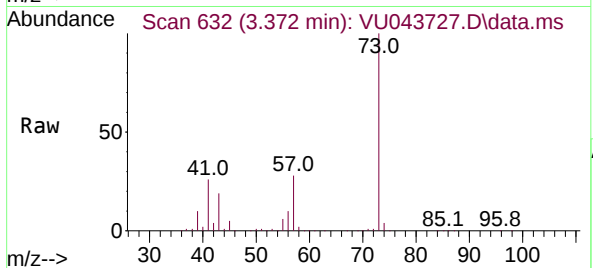
Tgt Ion: 84 Resp: 11904
Ion Ratio Lower Upper
84 100
86 65.3 44.9 83.5
49 114.7 84.9 157.7



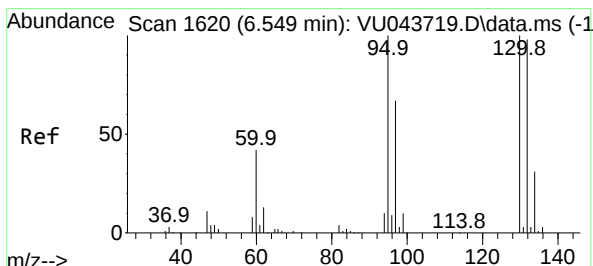
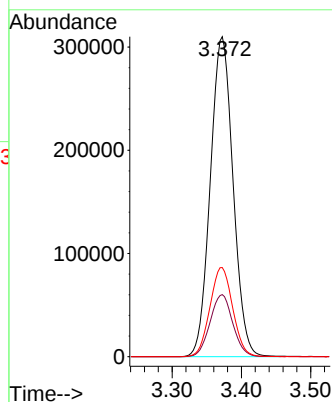
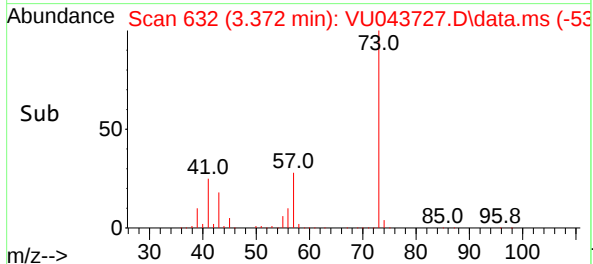


#18
Methyl tert-butyl Ether
Concen: 79.03 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

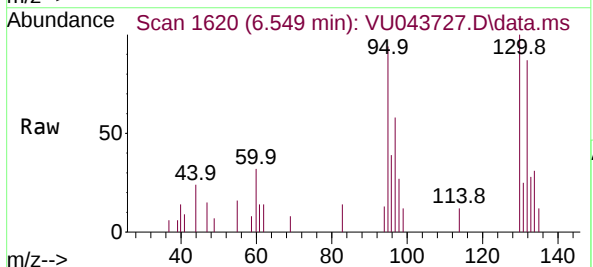
Instrument :
MSVOA_U
ClientSampleId :



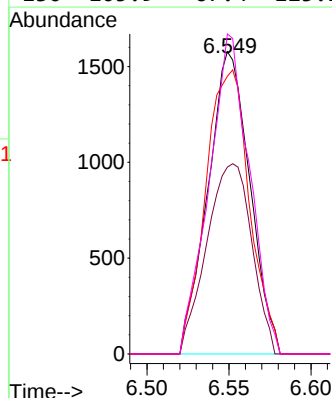
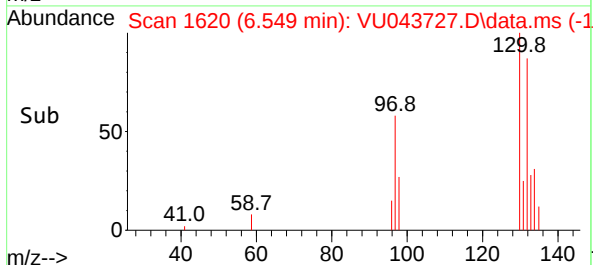
Tgt Ion: 73 Resp: 706452
Ion Ratio Lower Upper
73 100
43 19.4 14.6 22.0
57 28.0 18.2 27.4#

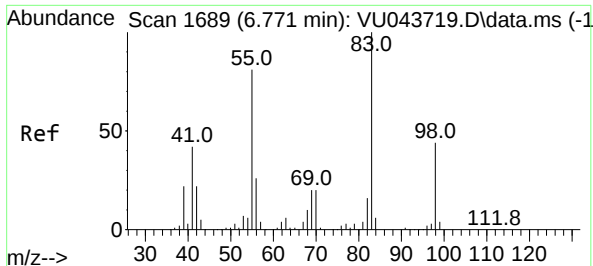


#34
Trichloroethene
Concen: 0.92 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43



Tgt Ion: 95 Resp: 2800
Ion Ratio Lower Upper
95 100
97 61.8 44.2 82.2
132 91.9 66.8 124.2
130 105.9 67.4 125.2

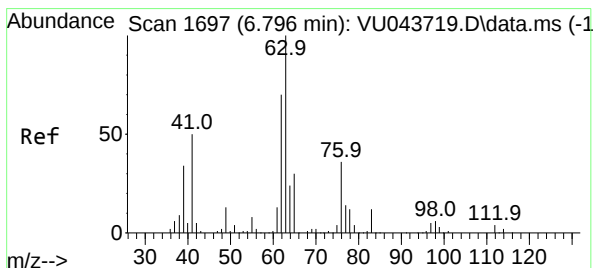
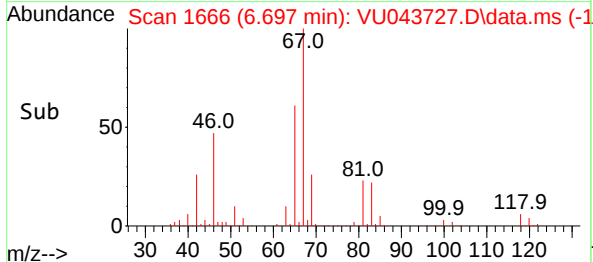
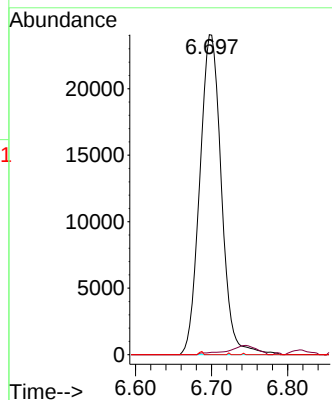
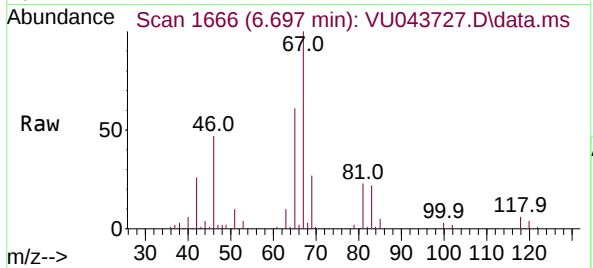




#35
Methylcyclohexane
Concen: 9.86 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

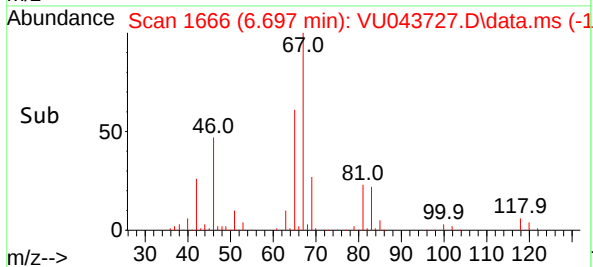
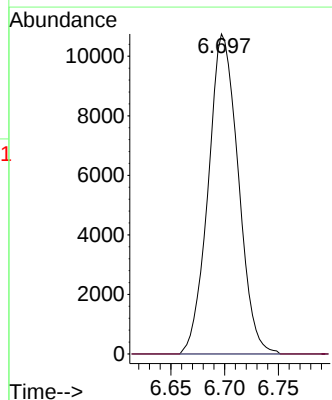
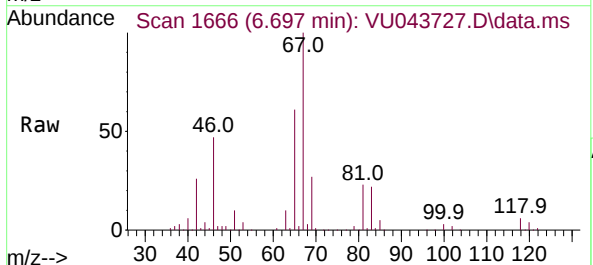
Instrument :
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ClientSampled :

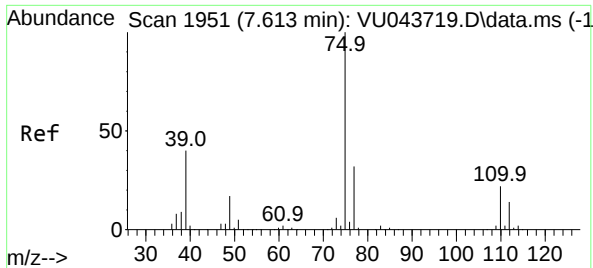
Tgt Ion: 83 Resp: 47550
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 0.2 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 6.09 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.099 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

Tgt Ion: 63 Resp: 20860
Ion Ratio Lower Upper
63 100
112 0.6 3.0 4.4#



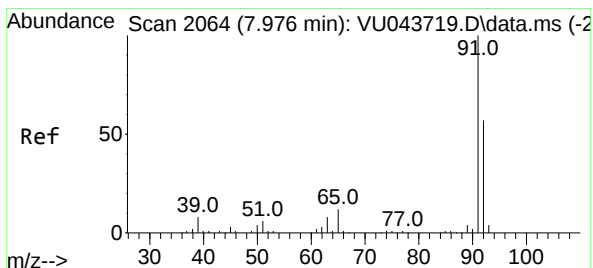
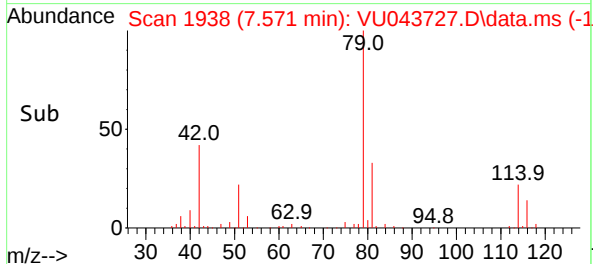
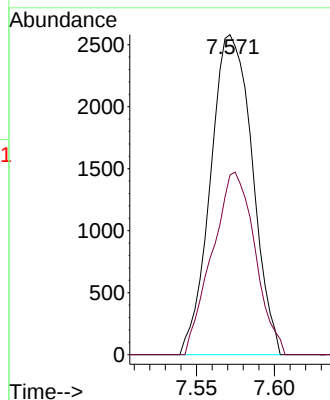
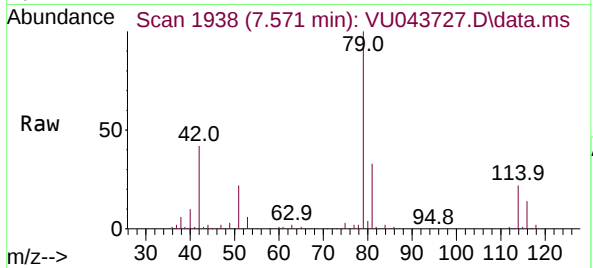


#39

cis-1,3-Dichloropropene
 Concen: 1.03 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU043727.D
 Acq: 14 May 2021 02:43

Instrument :
 MSVOA_U
 ClientSampled :

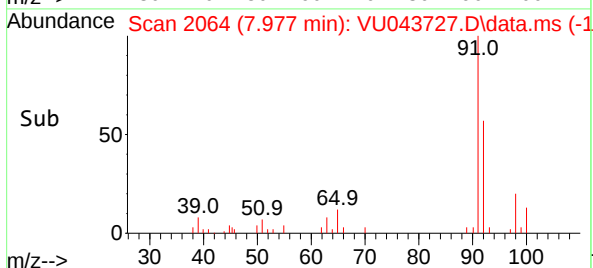
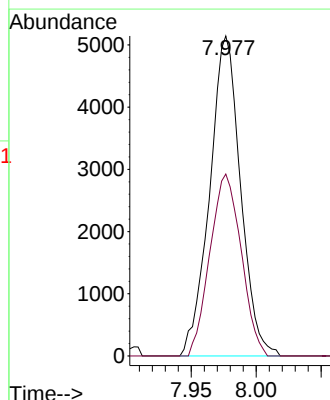
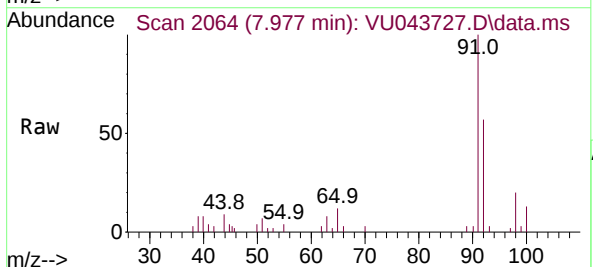
Tgt Ion: 75 Resp: 4816
 Ion Ratio Lower Upper
 75 100
 77 56.1 22.0 41.0#

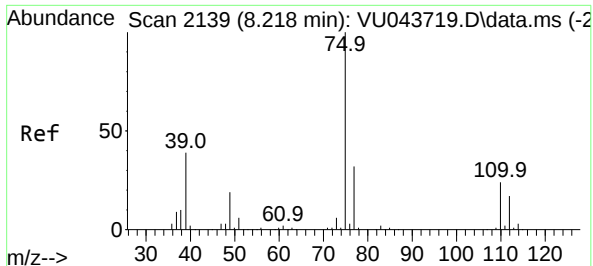


#42

Toluene
 Concen: 0.65 ug/L
 RT: 7.977 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VU043727.D
 Acq: 14 May 2021 02:43

Tgt Ion: 91 Resp: 8497
 Ion Ratio Lower Upper
 91 100
 92 56.9 39.7 73.7

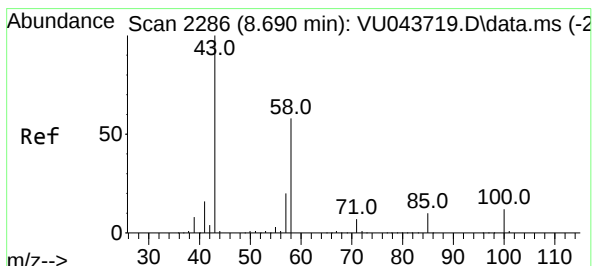
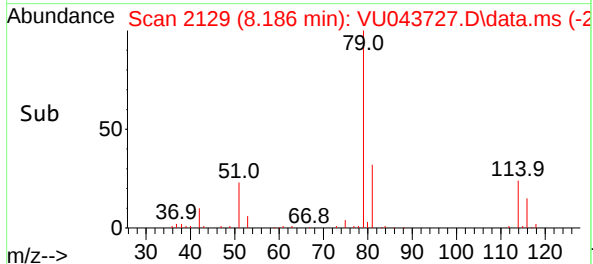
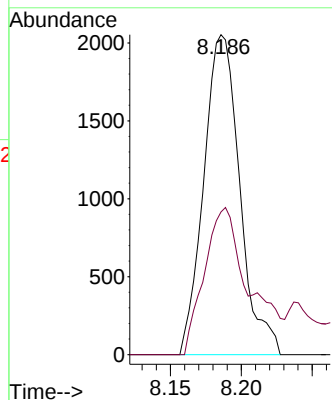
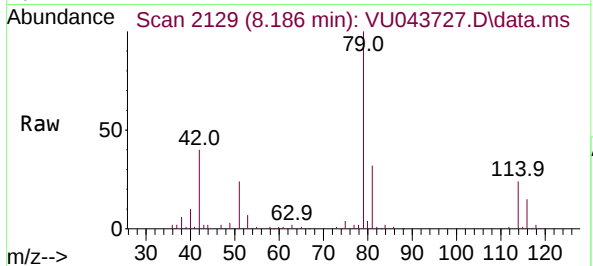




#44
trans-1,3-Dichloropropene
Concen: 0.82 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

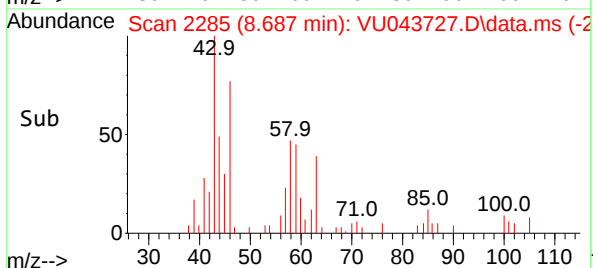
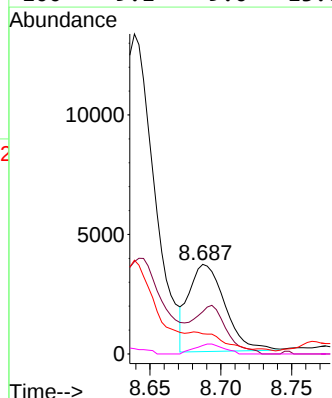
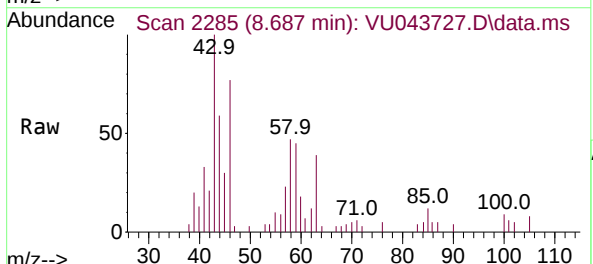
Instrument :
MSVOA_U
ClientSampled :

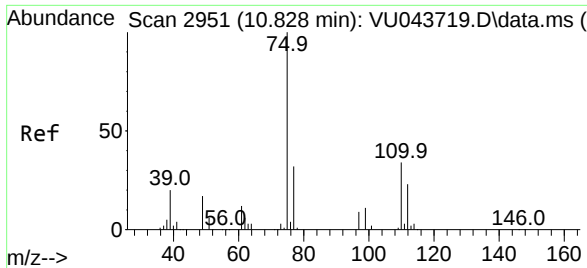
Tgt Ion: 75 Resp: 3630
Ion Ratio Lower Upper
75 100
77 44.6 22.4 41.6#



#48
2-Hexanone
Concen: 1.56 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU043727.D
Acq: 14 May 2021 02:43

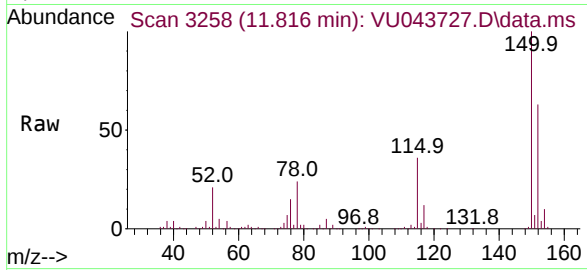
Tgt Ion: 43 Resp: 6462
Ion Ratio Lower Upper
43 100
58 37.4 46.2 69.2#
57 0.0 15.9 23.9#
100 9.1 9.0 13.6





#60
 1,2,3-Trichloropropane
 Concen: 4.87 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU043727.D
 Acq: 14 May 2021 02:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	19063
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
110	0.3	28.9	43.3#

