

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043726.D
 Acq On : 14 May 2021 02:20
 Operator : SY/MD
 Sample : M2320-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:43:56 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)

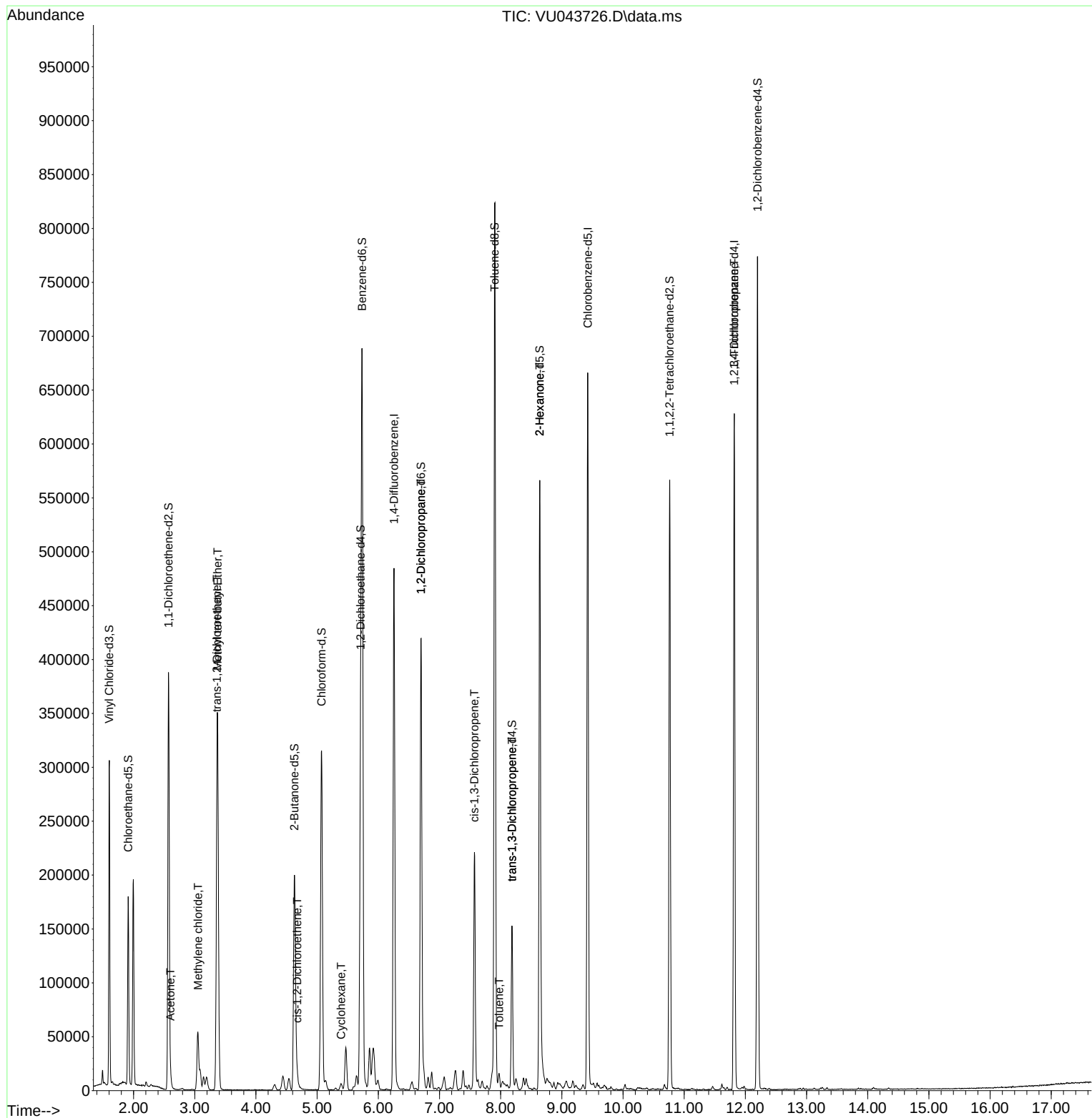
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	392420	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	370275	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	170533	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	175767	54.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.18%			
7) Chloroethane-d5	1.913	69	128524	55.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.02%			
11) 1,1-Dichloroethene-d2	2.572	63	226449	40.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.88%			
21) 2-Butanone-d5	4.630	46	285299	112.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.25%			
24) Chloroform-d	5.073	84	296080	53.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.40%			
26) 1,2-Dichloroethane-d4	5.710	65	189305	55.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.78%			
32) Benzene-d6	5.736	84	637328	58.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.16%			
36) 1,2-Dichloropropane-d6	6.700	67	207048	57.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.70%			
41) Toluene-d8	7.903	98	546458	55.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.68%			
43) trans-1,3-Dichloroprop...	8.186	79	83003	53.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.08%			
47) 2-Hexanone-d5	8.639	63	191698	111.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.85%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	289858	53.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.02%			
66) 1,2-Dichlorobenzene-d4	12.198	152	206267	61.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.58%#			
Target Compounds						Qvalue
13) Acetone	2.604	43	5949	3.35	ug/L	45
16) Methylene chloride	3.054	84	10268	2.42	ug/L	97
17) trans-1,2-Dichloroethene	3.363	96	3978	1.36	ug/L	95
18) Methyl tert-butyl Ether	3.372	73	282383	31.77	ug/L #	74
20) cis-1,2-Dichloroethene	4.675	96	2735	0.85	ug/L	98
29) Cyclohexane	5.392	56	2923	0.59	ug/L #	64
37) 1,2-Dichloropropane	6.700	63	20409	5.97	ug/L #	92
39) cis-1,3-Dichloropropene	7.568	75	5141	1.10	ug/L #	58
42) Toluene	7.977	91	8277	0.63	ug/L	98
44) trans-1,3-Dichloropropene	8.186	75	3460	0.79	ug/L #	70
48) 2-Hexanone	8.639	43	23631	5.72	ug/L #	67
60) 1,2,3-Trichloropropane	11.816	75	19316	4.85	ug/L #	68

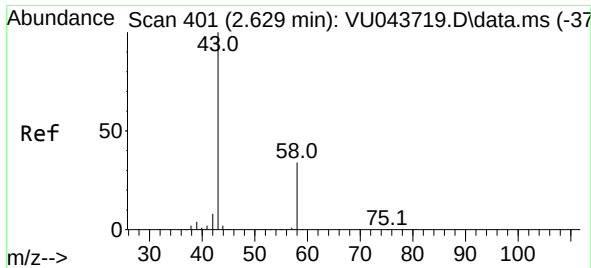
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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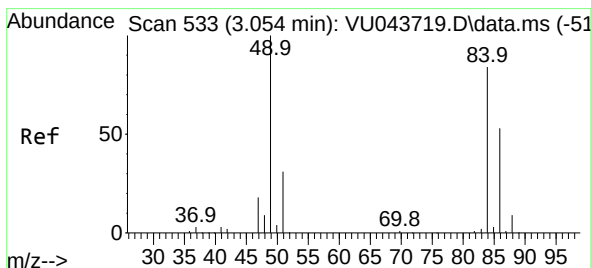
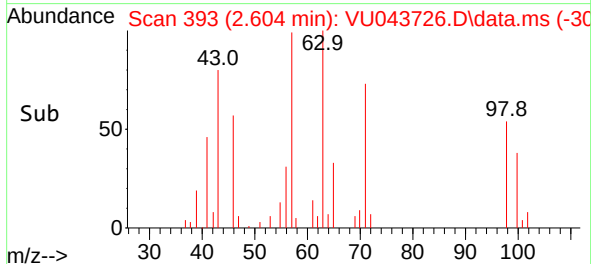
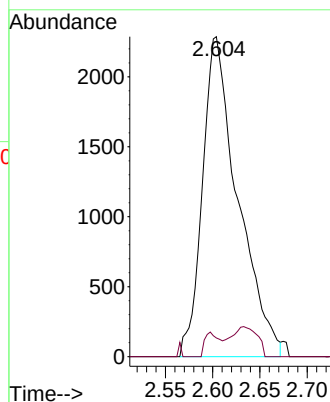
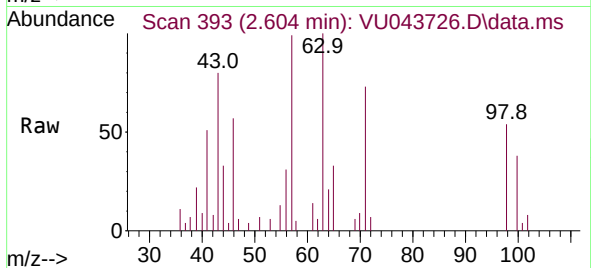




#13
Acetone
Concen: 3.35 ug/L
RT: 2.604 min Scan# 393
Delta R.T. -0.025 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

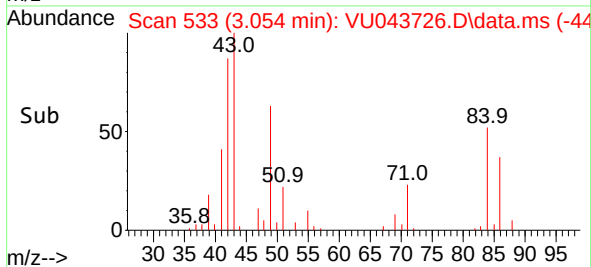
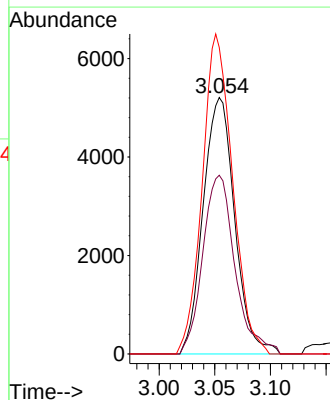
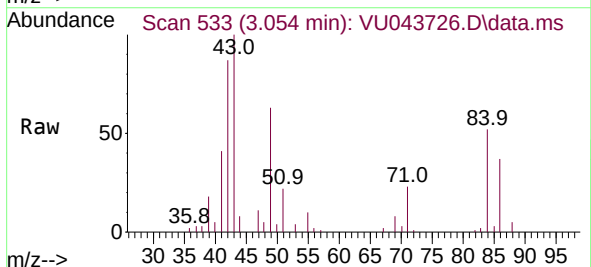
Instrument :
MSVOA_U
ClientSampleId :

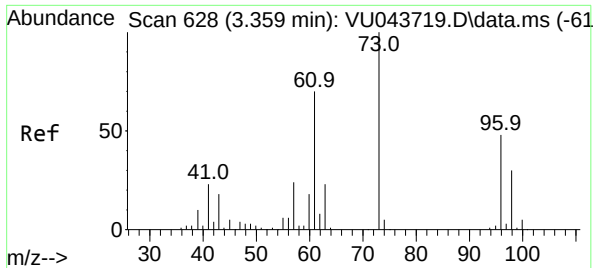
Tgt Ion: 43 Resp: 5949
Ion Ratio Lower Upper
43 100
58 3.2 0.0 69.4



#16
Methylene chloride
Concen: 2.42 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

Tgt Ion: 84 Resp: 10268
Ion Ratio Lower Upper
84 100
86 69.7 44.9 83.5
49 119.5 84.9 157.7

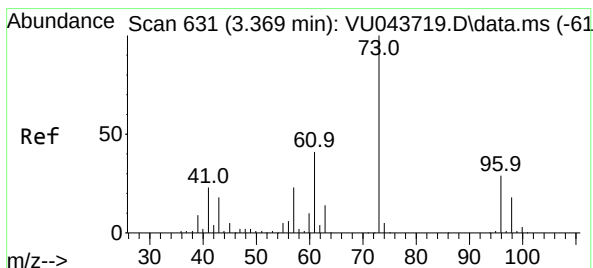
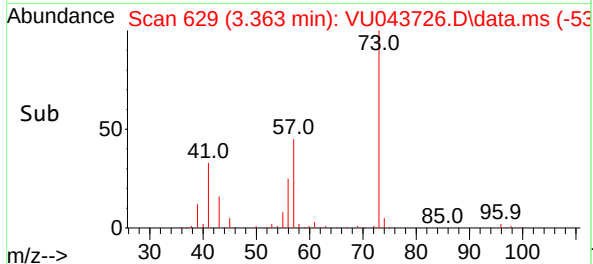
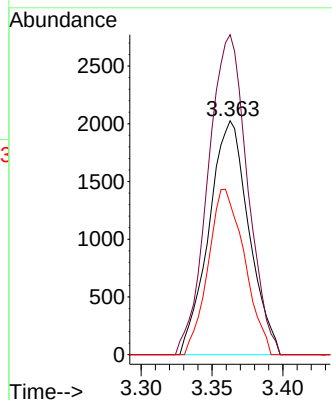
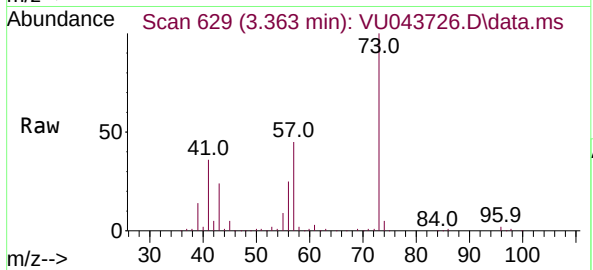




#17
trans-1,2-Dichloroethene
Concen: 1.36 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

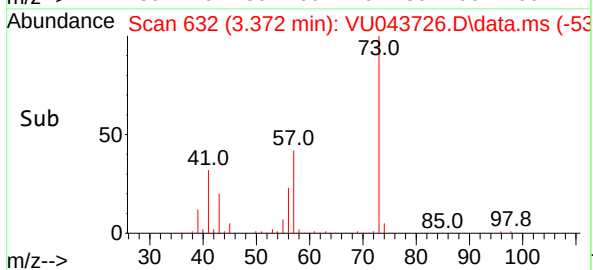
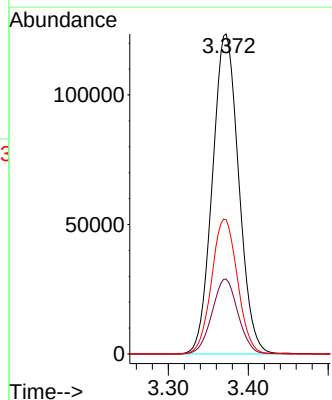
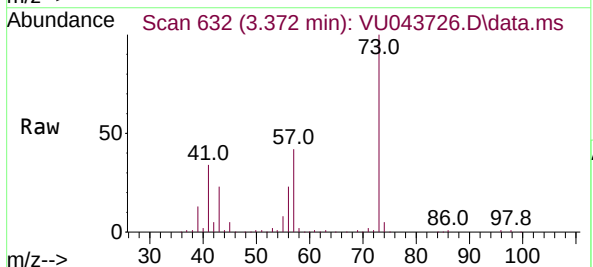
Instrument :
MSVOA_U
ClientSampleId :

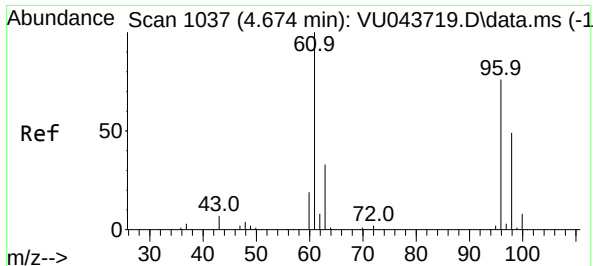
Tgt Ion: 96 Resp: 3978
Ion Ratio Lower Upper
96 100
61 136.8 101.5 188.5
98 64.6 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 31.77 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

Tgt Ion: 73 Resp: 282383
Ion Ratio Lower Upper
73 100
43 23.2 14.6 22.0#
57 41.5 18.2 27.4#





#20

cis-1,2-Dichloroethene

Concen: 0.85 ug/L

RT: 4.675 min Scan# 1037

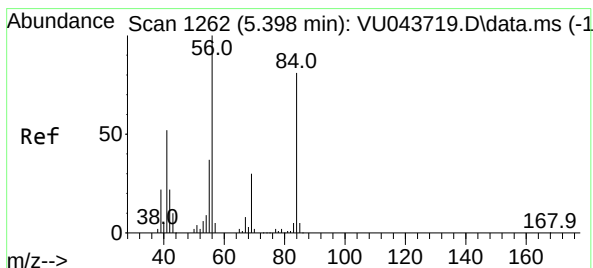
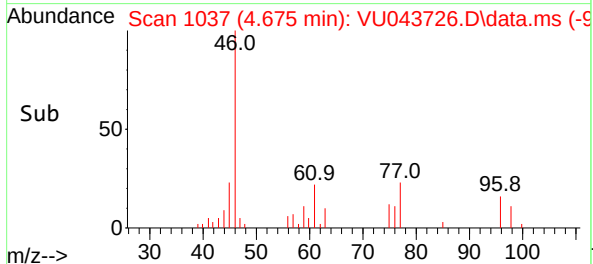
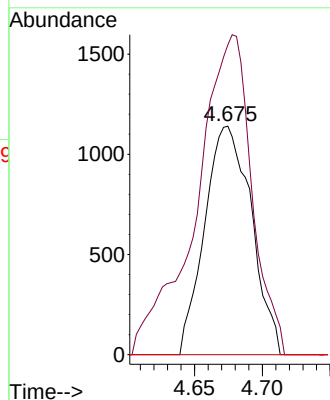
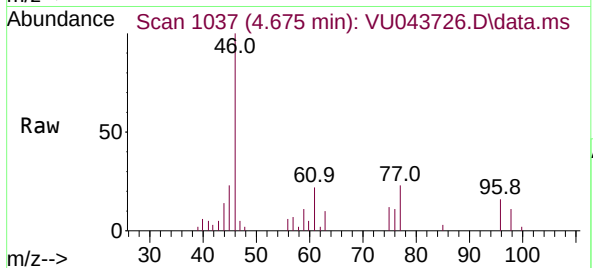
Delta R.T. 0.000 min

Lab File: VU043726.D

Acq: 14 May 2021 02:20

Tgt Ion:	96	Resp:	2735
Ion	Ratio	Lower	Upper
96	100		
61	135.7	93.1	172.9
68	0.0	0.0	0.0

Instrument :
MSVOA_U
ClientSampled :



#29

Cyclohexane

Concen: 0.59 ug/L

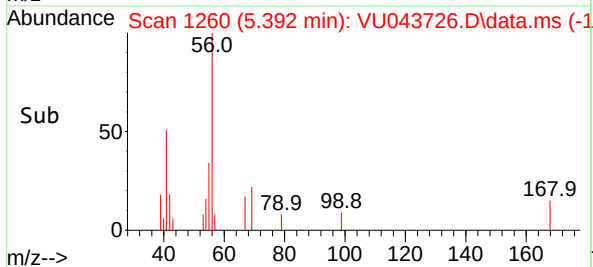
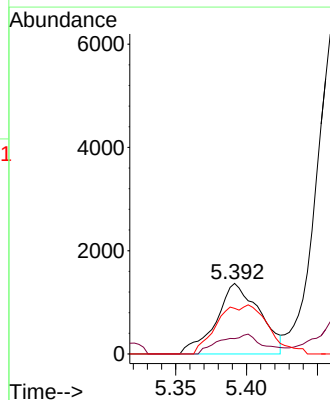
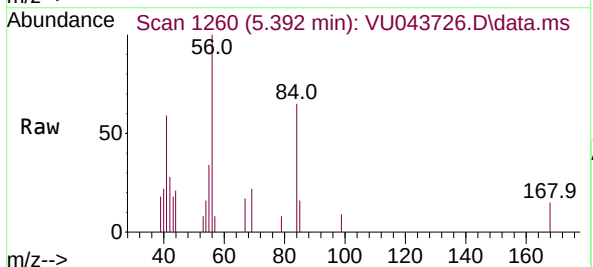
RT: 5.392 min Scan# 1260

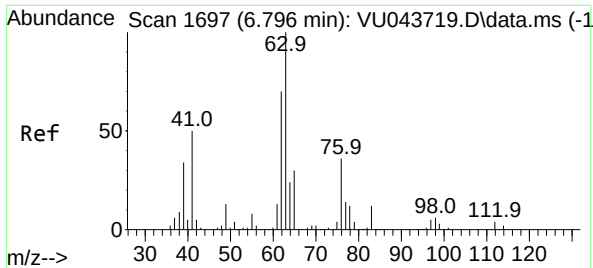
Delta R.T. -0.006 min

Lab File: VU043726.D

Acq: 14 May 2021 02:20

Tgt Ion:	56	Resp:	2923
Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.6	37.0
84	38.8	65.0	97.4#



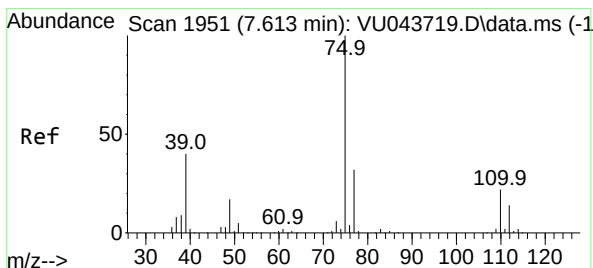
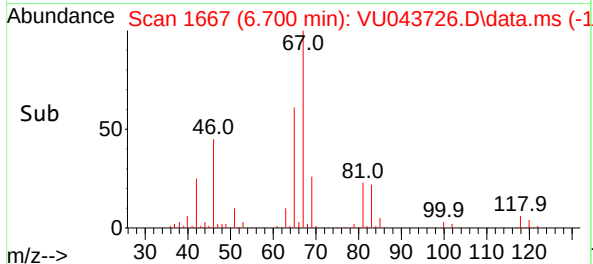
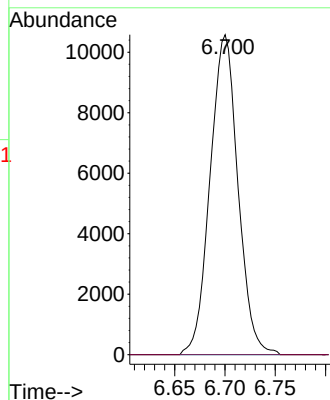
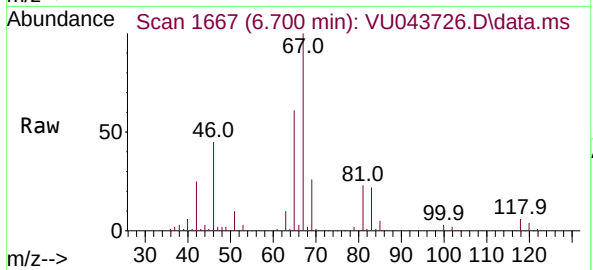


#37

1,2-Dichloropropane
Concen: 5.97 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.096 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

Instrument :
MSVOA_U
ClientSampled :

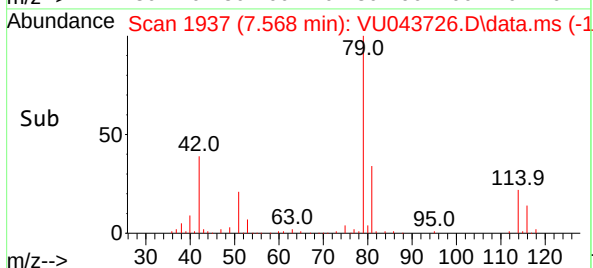
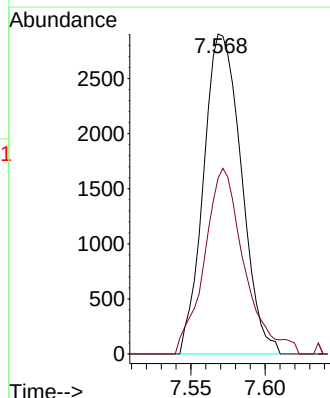
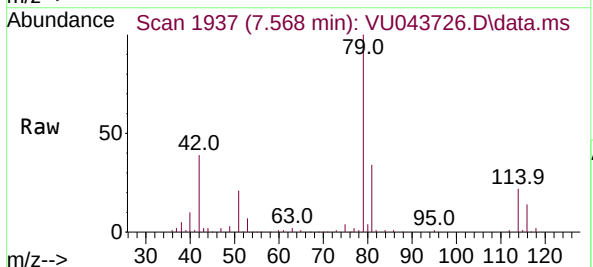
Tgt Ion: 63 Resp: 20409
Ion Ratio Lower Upper
63 100
112 0.9 3.0 4.4#

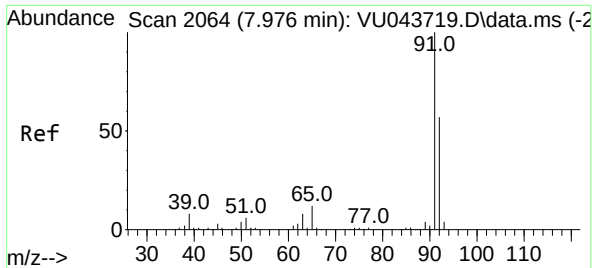


#39

cis-1,3-Dichloropropene
Concen: 1.10 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

Tgt Ion: 75 Resp: 5141
Ion Ratio Lower Upper
75 100
77 55.0 22.0 41.0#

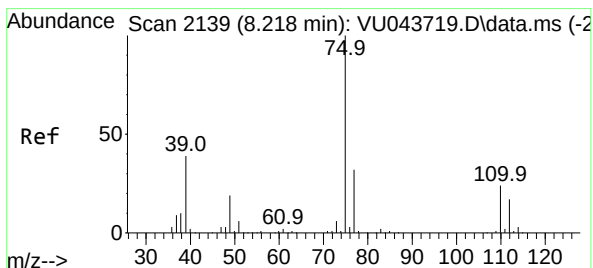
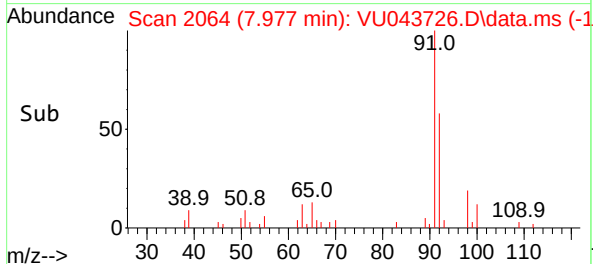
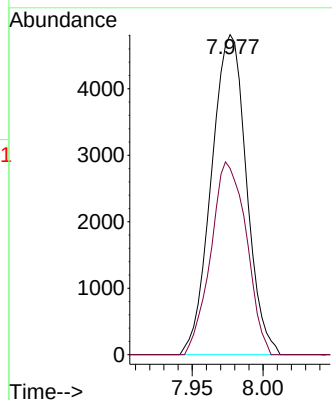
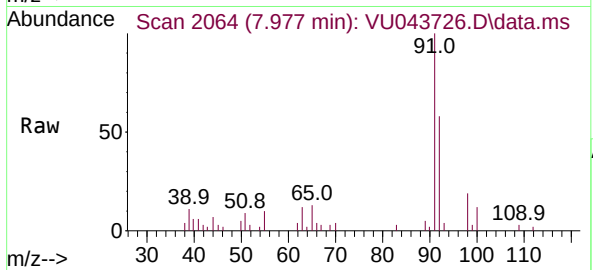




#42
Toluene
Concen: 0.63 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

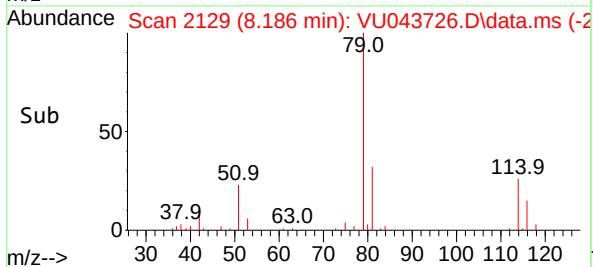
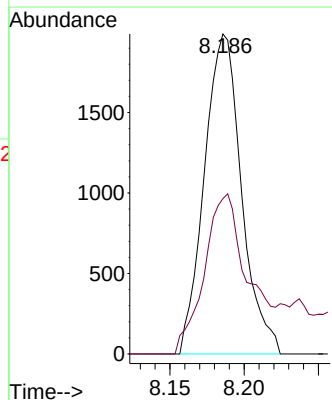
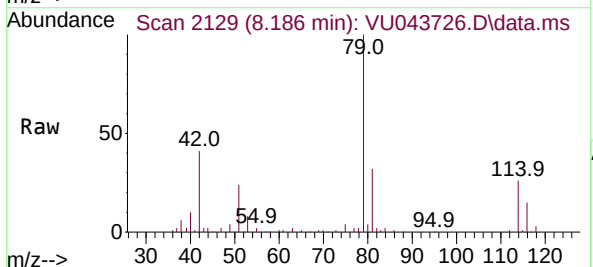
Instrument :
MSVOA_U
ClientSampled :

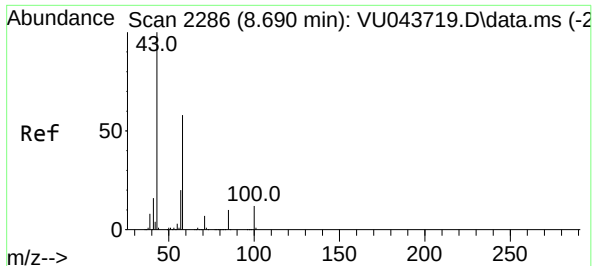
Tgt Ion: 91 Resp: 8277
Ion Ratio Lower Upper
91 100
92 58.2 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 0.79 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

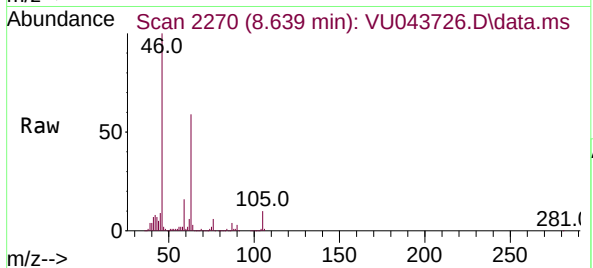
Tgt Ion: 75 Resp: 3460
Ion Ratio Lower Upper
75 100
77 48.5 22.4 41.6#



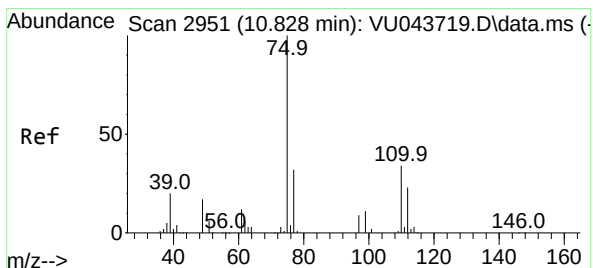
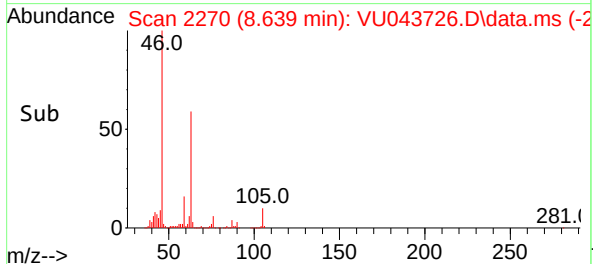
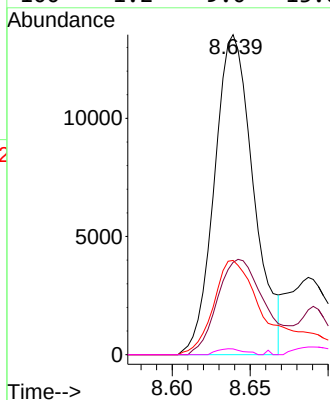


#48
2-Hexanone
Concen: 5.72 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 23631
Ion Ratio	Lower Upper
43 100	
58 36.2	46.2 69.2#
57 42.3	15.9 23.9#
100 1.2	9.0 13.6#



#60
1,2,3-Trichloropropane
Concen: 4.85 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043726.D
Acq: 14 May 2021 02:20

Tgt Ion: 75	Resp: 19316
Ion Ratio	Lower Upper
75 100	
77 29.7	25.8 38.6
110 2.5	28.9 43.3#

