

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043721.D
 Acq On : 14 May 2021 00:25
 Operator : SY/MD
 Sample : M2316-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:43:16 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)

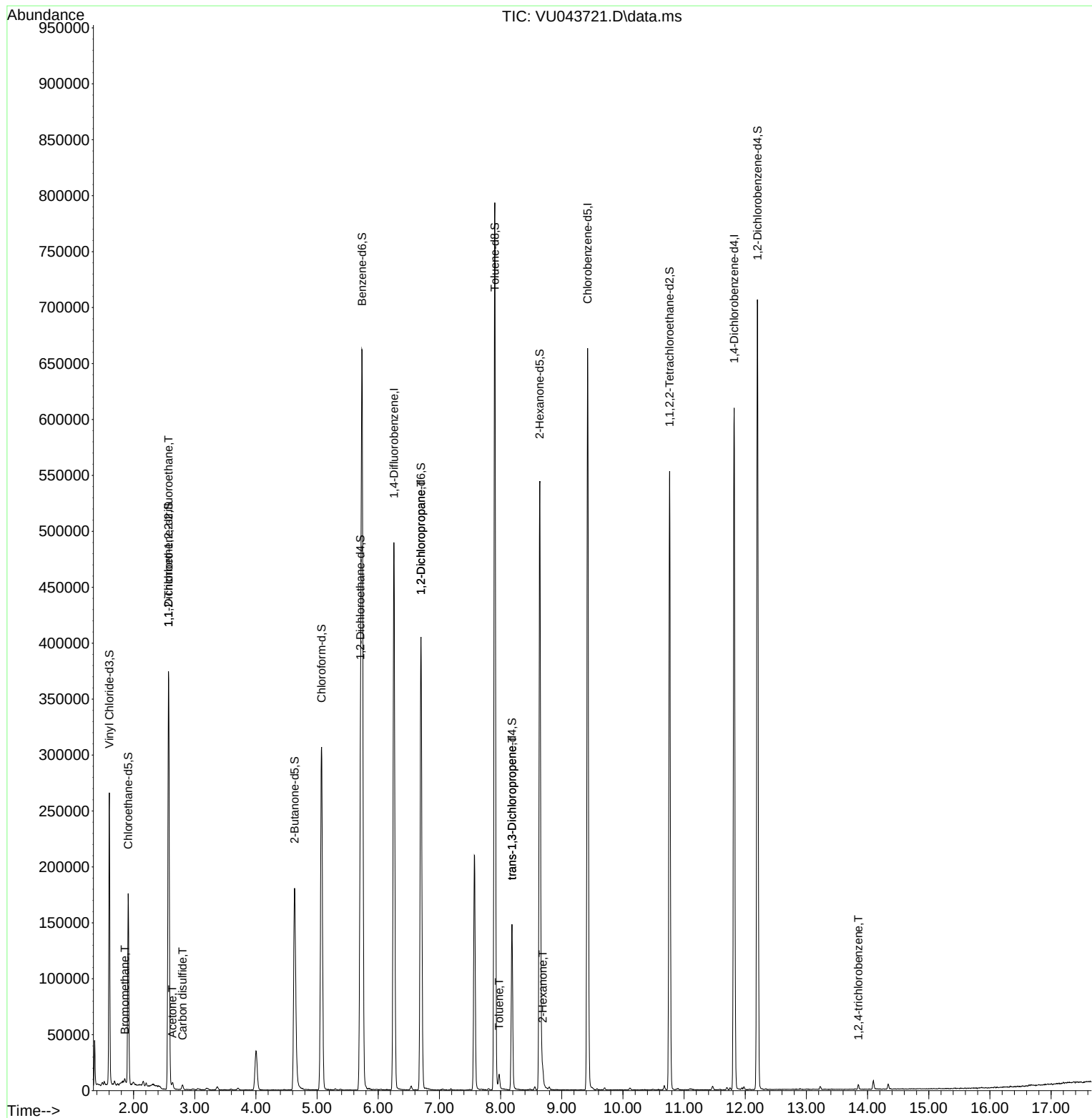
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	396516	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	370743	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	169726	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	170757	52.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.02%			
7) Chloroethane-d5	1.912	69	124331	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.32%			
11) 1,1-Dichloroethene-d2	2.571	63	220163	39.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.78%			
21) 2-Butanone-d5	4.632	46	272620	106.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.15%			
24) Chloroform-d	5.073	84	288988	51.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.76%			
26) 1,2-Dichloroethane-d4	5.710	65	183769	53.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.42%			
32) Benzene-d6	5.735	84	610313	55.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.10%			
36) 1,2-Dichloropropane-d6	6.697	67	199939	55.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.58%			
41) Toluene-d8	7.906	98	520469	52.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.28%			
43) trans-1,3-Dichloroprop...	8.185	79	81827	52.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.44%			
47) 2-Hexanone-d5	8.639	63	185379	108.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.02%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	277850	51.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.46%			
66) 1,2-Dichlorobenzene-d4	12.201	152	192434	57.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.90%			
Target Compounds						Qvalue
6) Bromomethane	1.858	94	1411	0.74	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	2307	0.79	ug/L #	19
13) Acetone	2.636	43	5849	3.26	ug/L	94
14) Carbon disulfide	2.800	76	5287	0.58	ug/L #	91
37) 1,2-Dichloropropane	6.697	63	20347	5.94	ug/L #	89
42) Toluene	7.976	91	8313	0.63	ug/L	92
44) trans-1,3-Dichloropropene	8.185	75	3767	0.86	ug/L	84
48) 2-Hexanone	8.690	43	6291	1.52	ug/L	93
70) 1,2,4-trichlorobenzene	13.847	180	1570	0.46	ug/L #	95

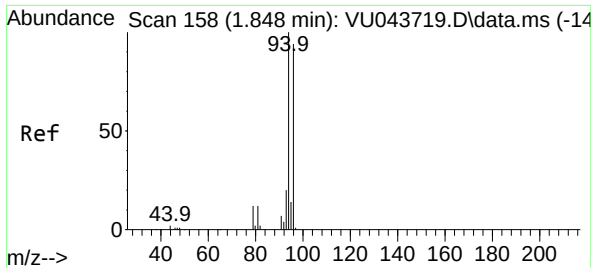
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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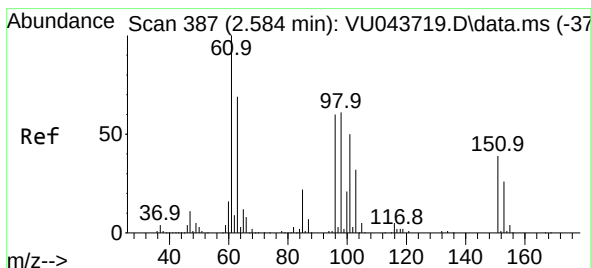
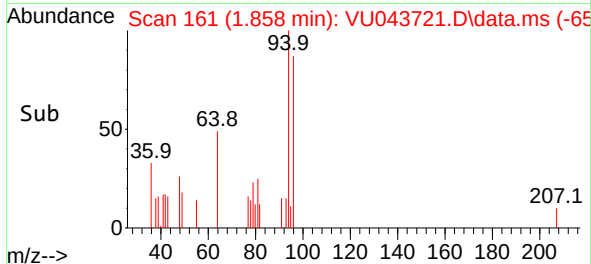
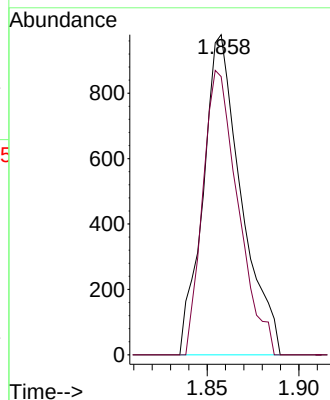
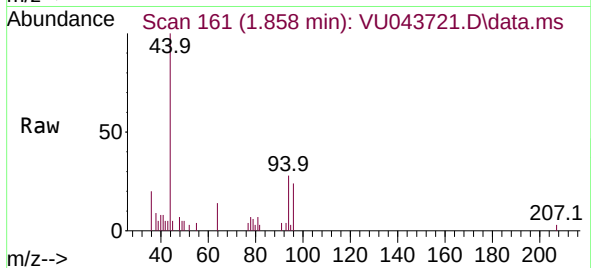




#6
Bromomethane
Concen: 0.74 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.010 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

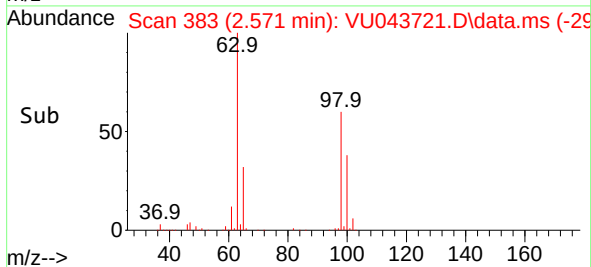
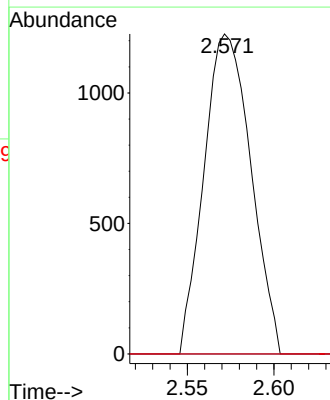
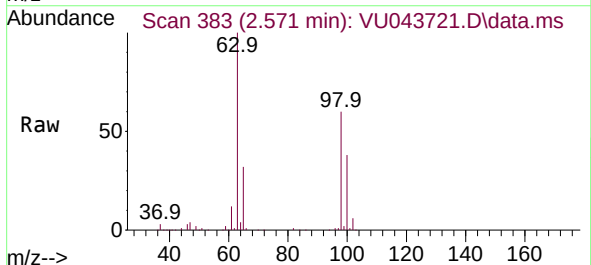
Instrument :
MSVOA_U
ClientSampleId :

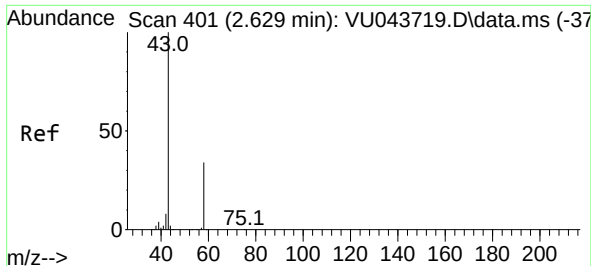
Tgt Ion: 94 Resp: 1411
Ion Ratio Lower Upper
94 100
96 86.9 64.2 119.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.79 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

Tgt Ion: 101 Resp: 2307
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 0.0 60.4 90.6#

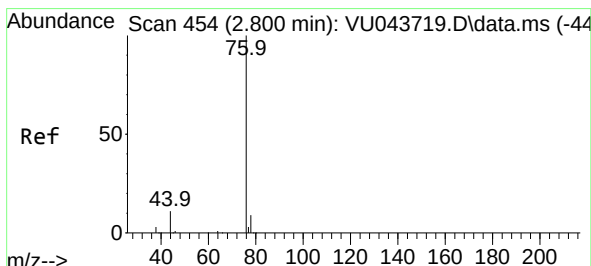
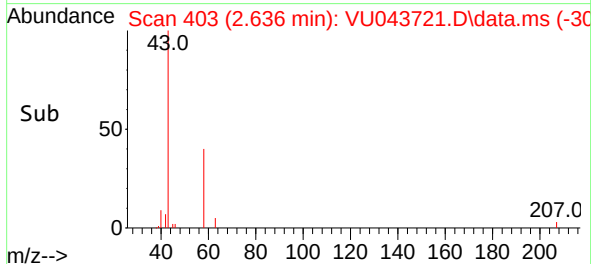
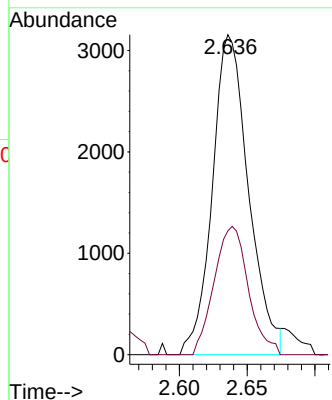
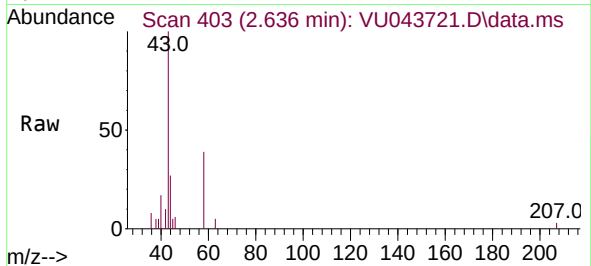




#13
Acetone
Concen: 3.26 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

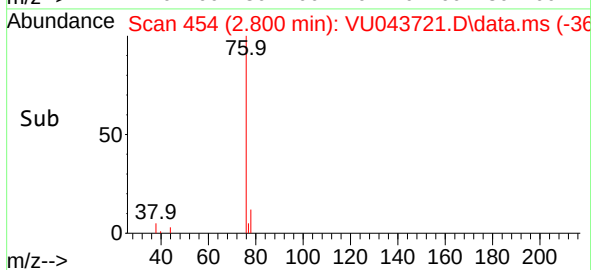
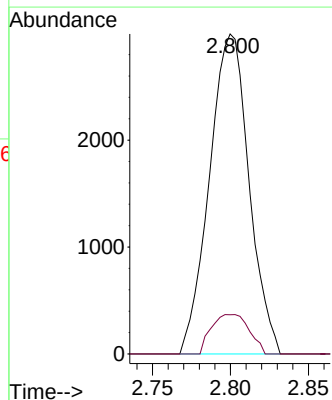
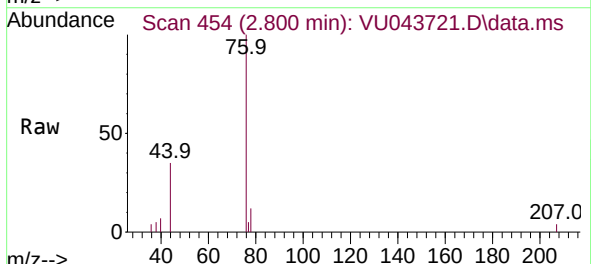
Instrument :
MSVOA_U
ClientSampled :

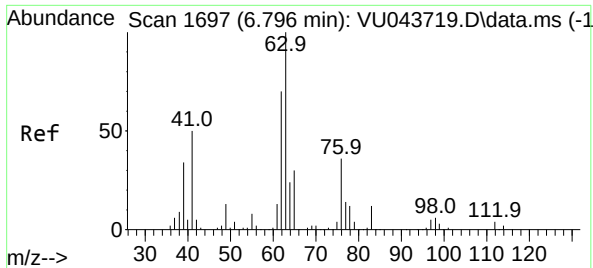
Tgt Ion: 43 Resp: 5849
Ion Ratio Lower Upper
43 100
58 37.9 0.0 69.4



#14
Carbon disulfide
Concen: 0.58 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

Tgt Ion: 76 Resp: 5287
Ion Ratio Lower Upper
76 100
78 12.3 7.1 10.7#



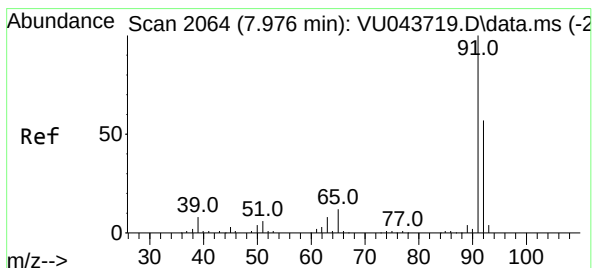
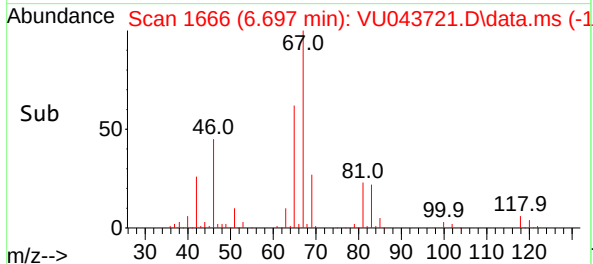
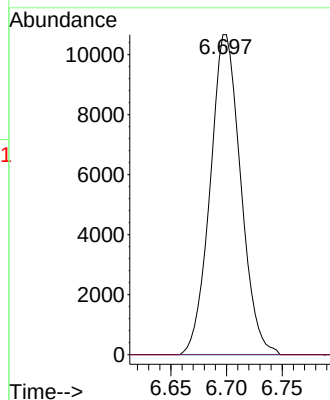
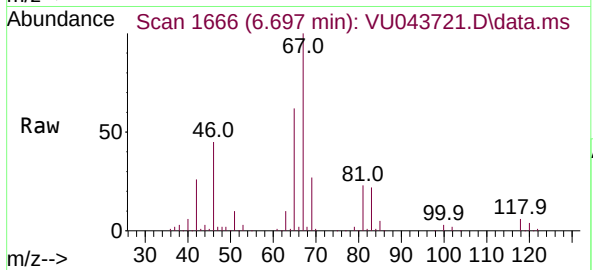


#37

1,2-Dichloropropane
Concen: 5.94 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

Instrument :
MSVOA_U
ClientSampled :

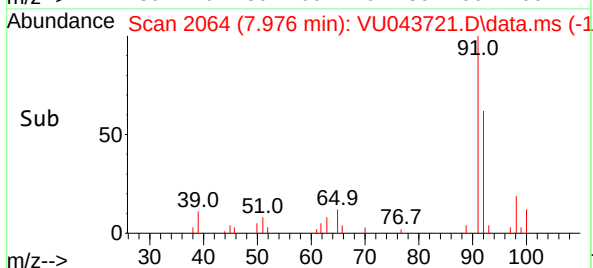
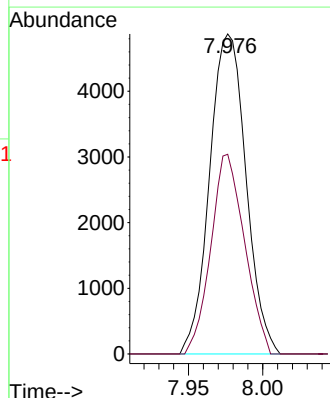
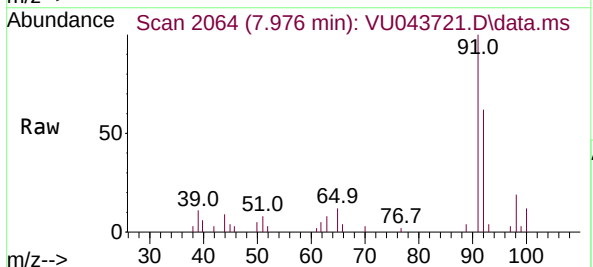
Tgt Ion: 63 Resp: 20347
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

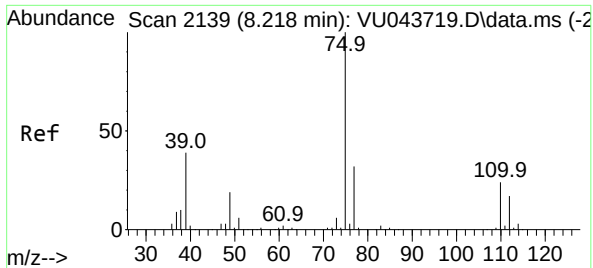


#42

Toluene
Concen: 0.63 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

Tgt Ion: 91 Resp: 8313
Ion Ratio Lower Upper
91 100
92 62.4 39.7 73.7

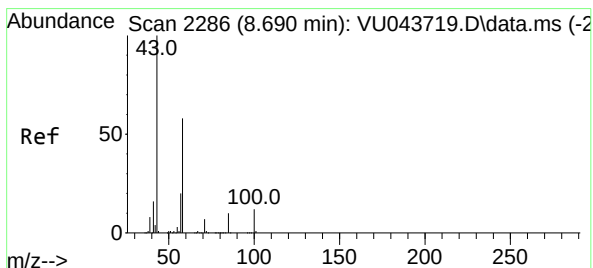
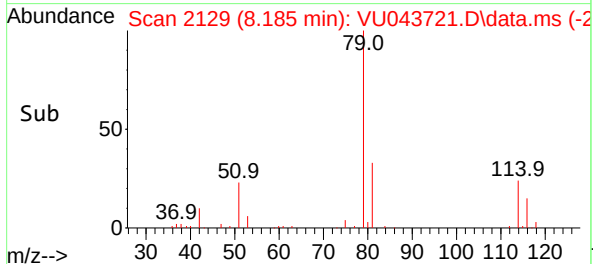
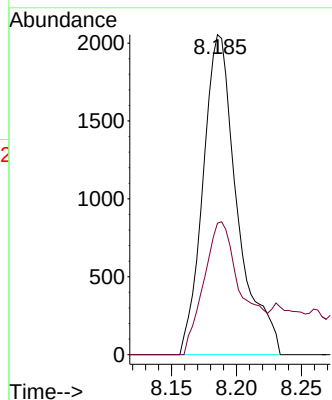
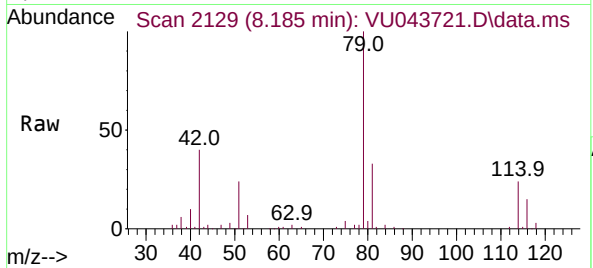




#44
trans-1,3-Dichloropropene
Concen: 0.86 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

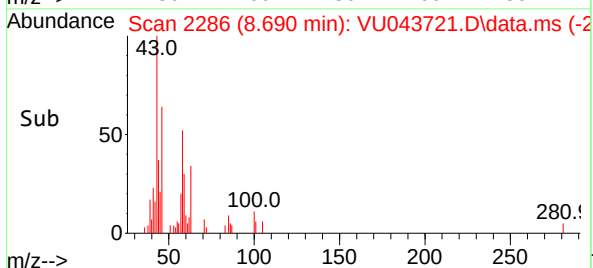
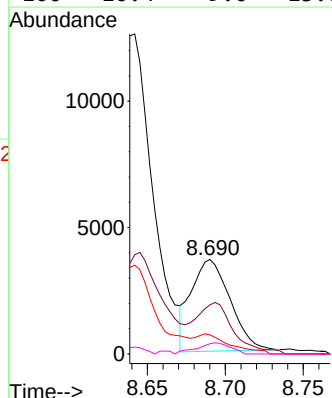
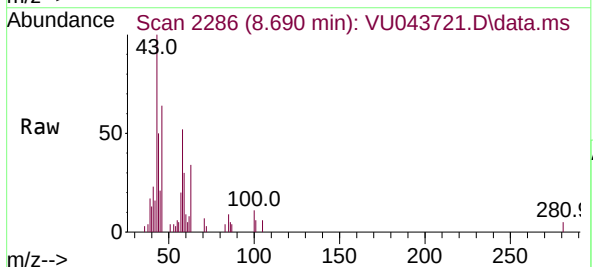
Instrument :
MSVOA_U
ClientSampled :

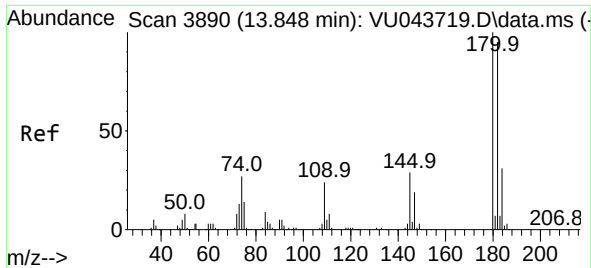
Tgt Ion: 75 Resp: 3767
Ion Ratio Lower Upper
75 100
77 41.1 22.4 41.6



#48
2-Hexanone
Concen: 1.52 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU043721.D
Acq: 14 May 2021 00:25

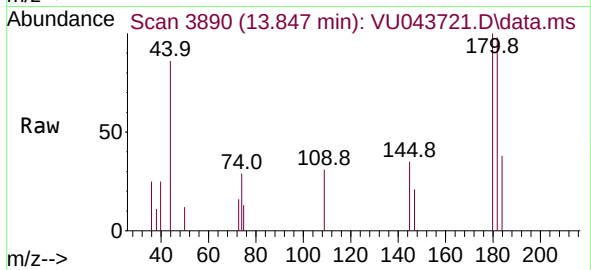
Tgt Ion: 43 Resp: 6291
Ion Ratio Lower Upper
43 100
58 51.1 46.2 69.2
57 17.4 15.9 23.9
100 10.4 9.0 13.6





#70
 1,2,4-trichlorobenzene
 Concen: 0.46 ug/L
 RT: 13.847 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU043721.D
 Acq: 14 May 2021 00:25

Instrument :
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 ClientSampleId :



Tgt Ion:	180	Resp:	1570
Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.9	113.9
145	20.9	23.4	35.0#

