

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043720.D
 Acq On : 14 May 2021 00:02
 Operator : SY/MD
 Sample : VU0514WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:43:09 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

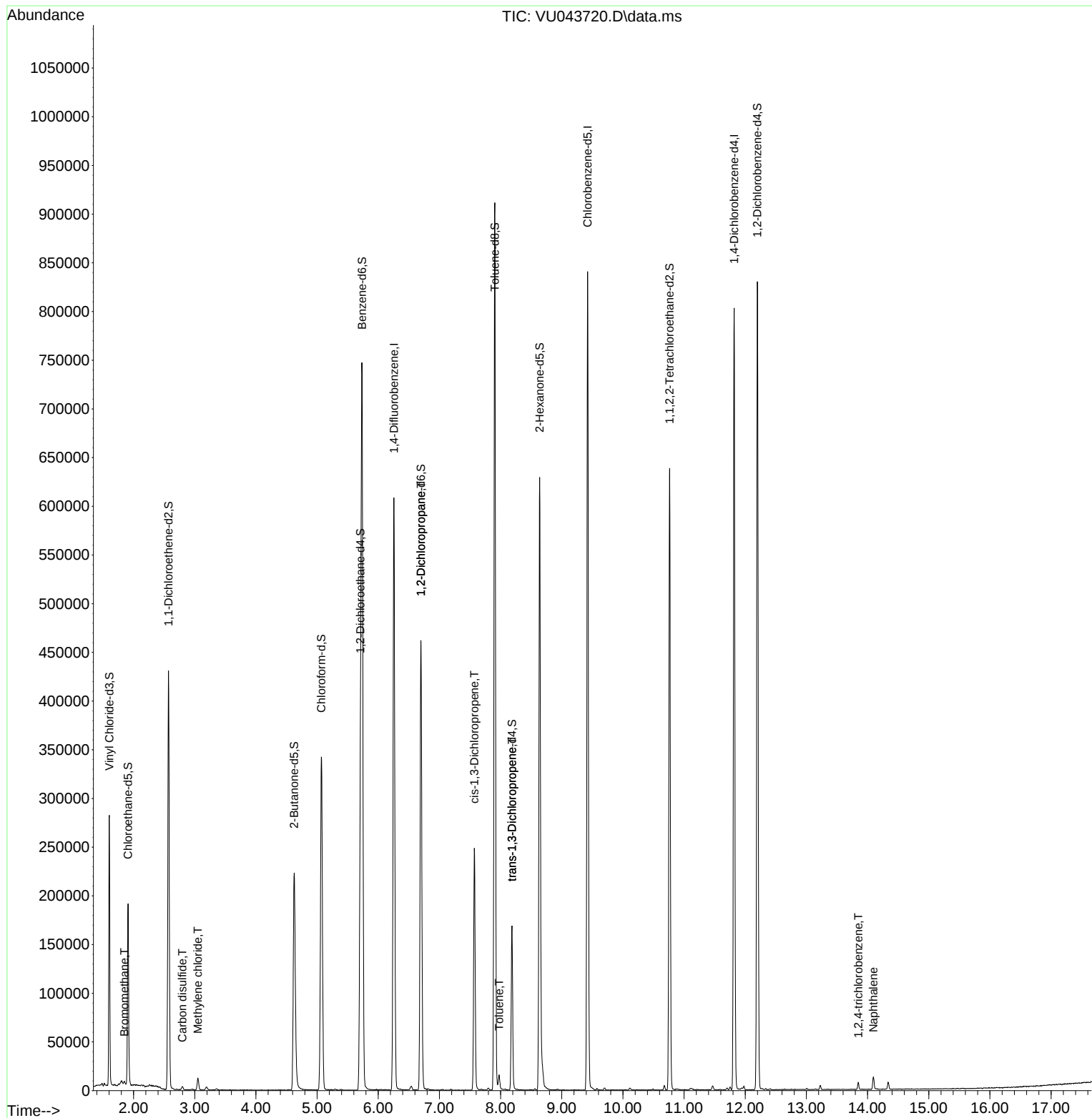
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	487911	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	462375	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	218313	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	196016	48.52	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.04%	
7) Chloroethane-d5	1.909	69	141095	48.57	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.14%	
11) 1,1-Dichloroethene-d2	2.571	63	249616	36.29	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.58%	
21) 2-Butanone-d5	4.626	46	326380	103.28	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.28%	
24) Chloroform-d	5.070	84	322256	47.01	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.02%	
26) 1,2-Dichloroethane-d4	5.710	65	206874	48.68	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.36%	
32) Benzene-d6	5.735	84	689854	50.34	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.68%	
36) 1,2-Dichloropropane-d6	6.697	67	228959	51.23	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.46%	
41) Toluene-d8	7.906	98	603334	48.93	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.86%	
43) trans-1,3-Dichloroprop...	8.185	79	93813	48.01	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.02%	
47) 2-Hexanone-d5	8.639	63	217611	101.68	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.68%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	321866	47.59	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.18%	
66) 1,2-Dichlorobenzene-d4	12.198	152	225627	52.37	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.74%	
Target Compounds						
6) Bromomethane	1.851	94	1555	0.66	ug/L	99
14) Carbon disulfide	2.797	76	4367	0.39	ug/L #	92
16) Methylene chloride	3.051	84	5568	1.06	ug/L	98
37) 1,2-Dichloropropane	6.697	63	23486	5.50	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	5402	0.93	ug/L #	63
42) Toluene	7.976	91	9595	0.59	ug/L	96
44) trans-1,3-Dichloropropene	8.185	75	3970	0.72	ug/L #	81
70) 1,2,4-trichlorobenzene	13.848	180	2406	0.55	ug/L	97
71) Naphthalene	14.095	128	11617	0.79	ug/L	99

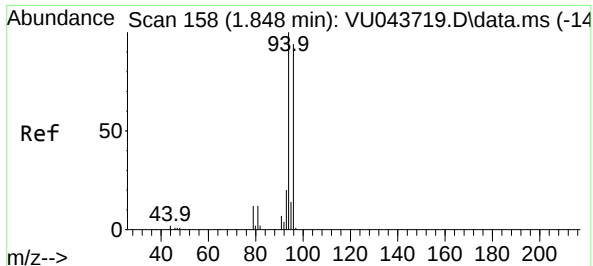
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
Data File : VU043720.D
Acq On : 14 May 2021 00:02
Operator : SY/MD
Sample : VU0514WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :

Quant Time: May 14 04:43:09 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

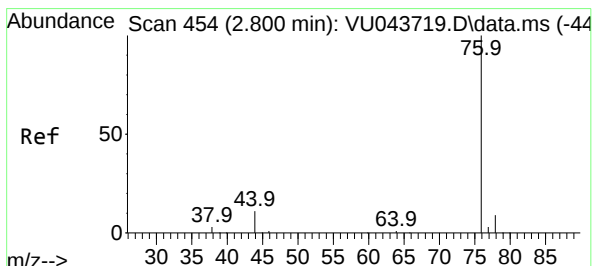
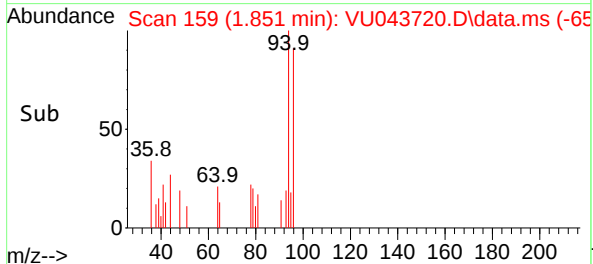
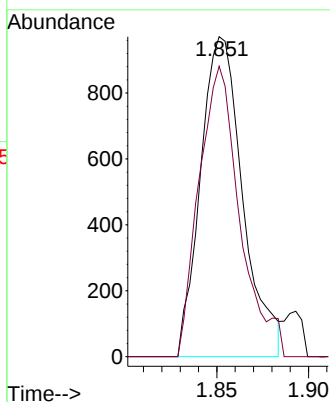
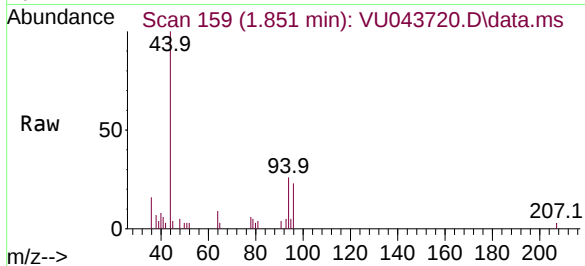




#6
Bromomethane
Concen: 0.66 ug/L
RT: 1.851 min Scan# 159
Delta R.T. 0.003 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02

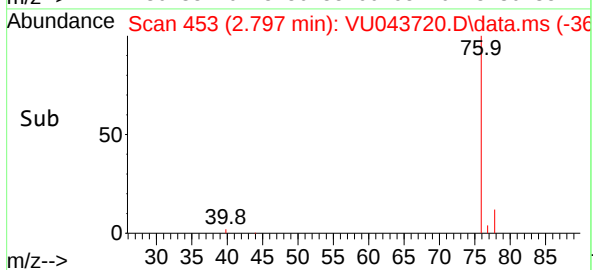
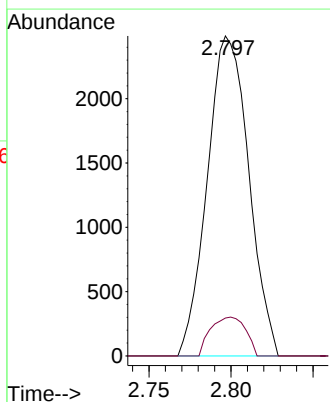
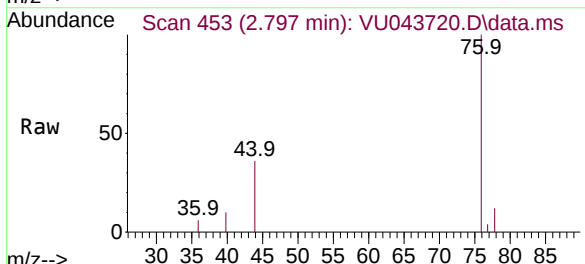
Instrument :
MSVOA_U
ClientSampleId :

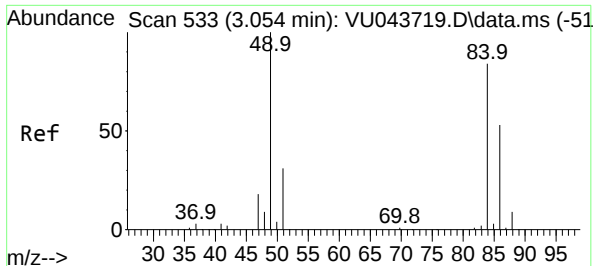
Tgt Ion: 94 Resp: 1555
Ion Ratio Lower Upper
94 100
96 90.7 64.2 119.2



#14
Carbon disulfide
Concen: 0.39 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02

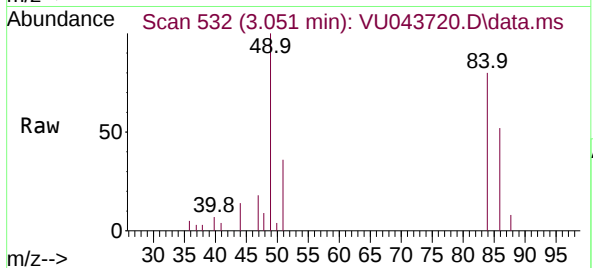
Tgt Ion: 76 Resp: 4367
Ion Ratio Lower Upper
76 100
78 11.9 7.1 10.7#



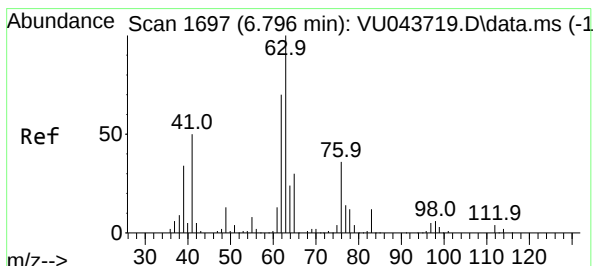
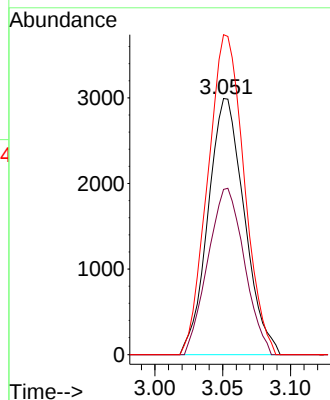
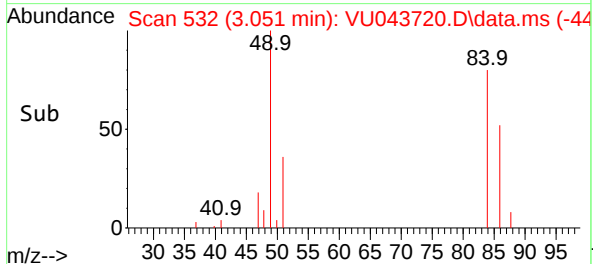


#16
Methylene chloride
Concen: 1.06 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02

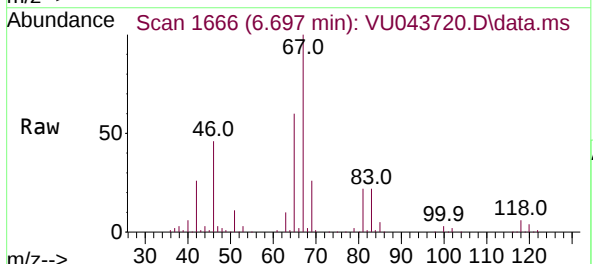
Instrument :
MSVOA_U
ClientSampleId :



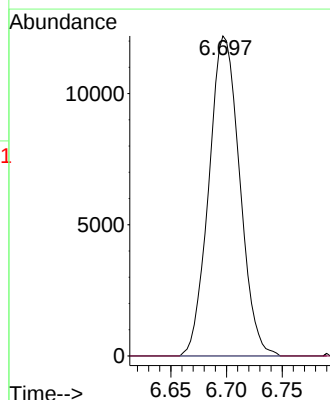
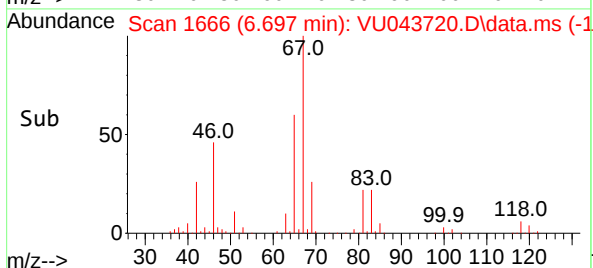
Tgt Ion: 84 Resp: 5568
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.5
49 124.9 84.9 157.7

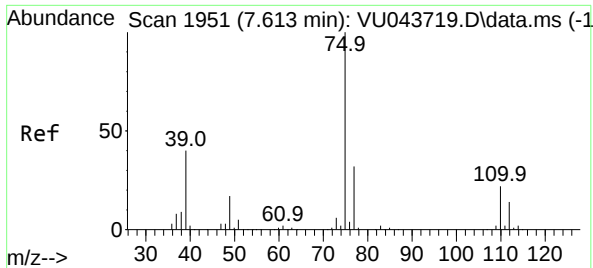


#37
1,2-Dichloropropane
Concen: 5.50 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02



Tgt Ion: 63 Resp: 23486
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

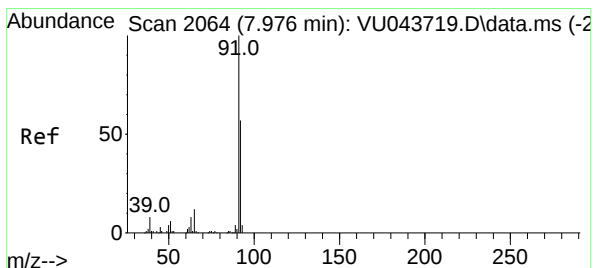
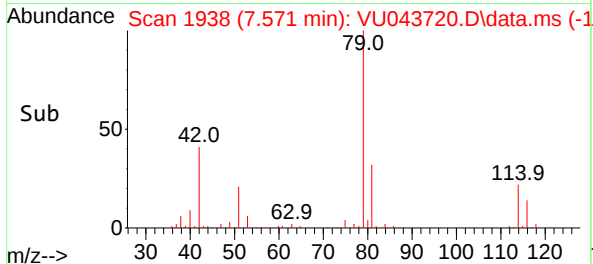
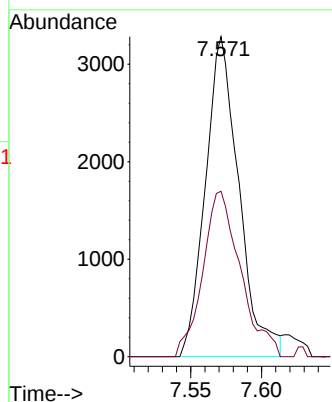
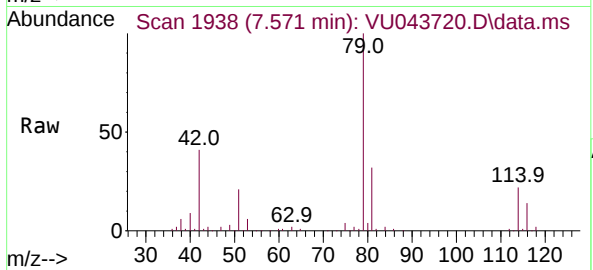




#39
 cis-1,3-Dichloropropene
 Concen: 0.93 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU043720.D
 Acq: 14 May 2021 00:02

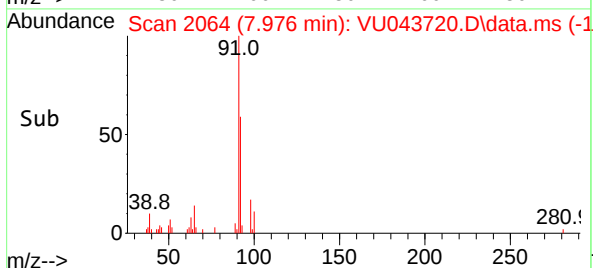
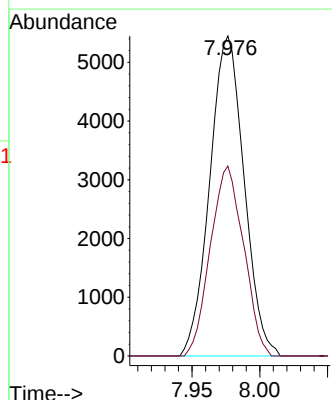
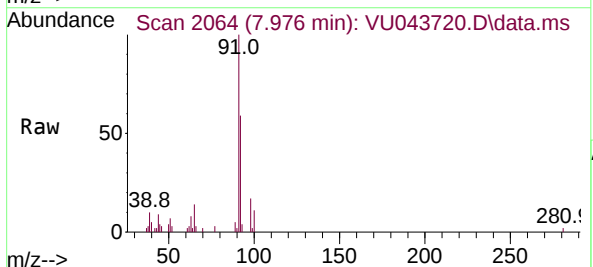
Instrument :
 MSVOA_U
 ClientSampled :

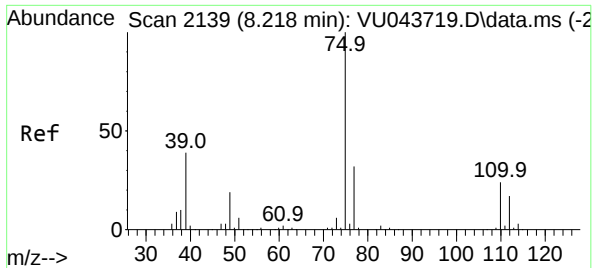
Tgt Ion: 75 Resp: 5402
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.0 41.0#



#42
 Toluene
 Concen: 0.59 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VU043720.D
 Acq: 14 May 2021 00:02

Tgt Ion: 91 Resp: 9595
 Ion Ratio Lower Upper
 91 100
 92 59.3 39.7 73.7

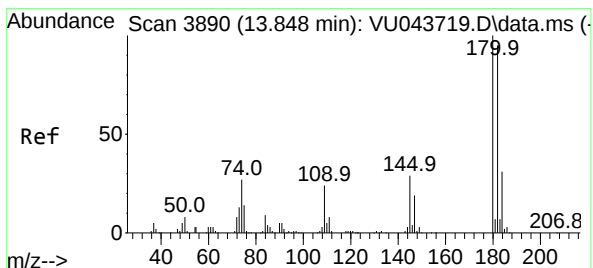
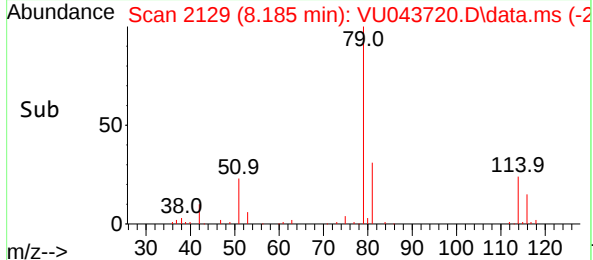
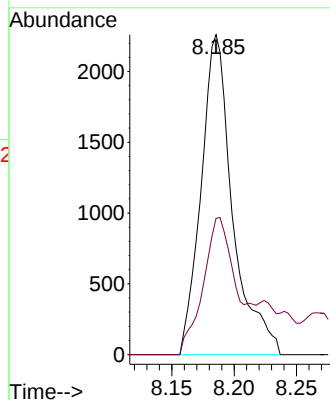
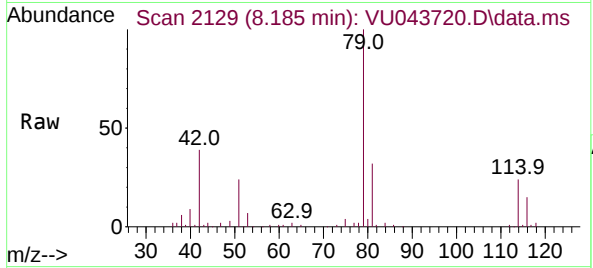




#44
trans-1,3-Dichloropropene
Concen: 0.72 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02

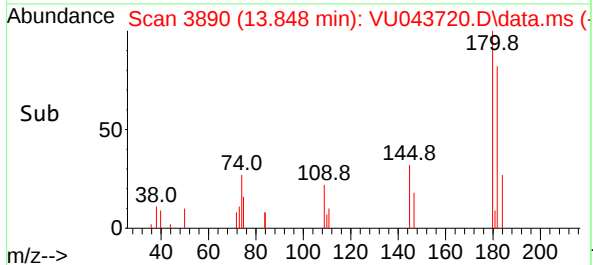
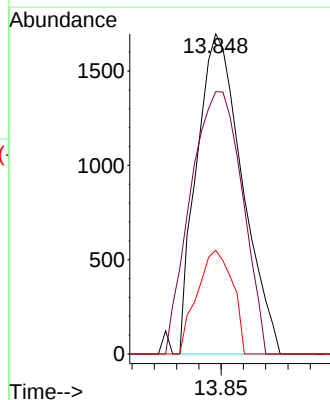
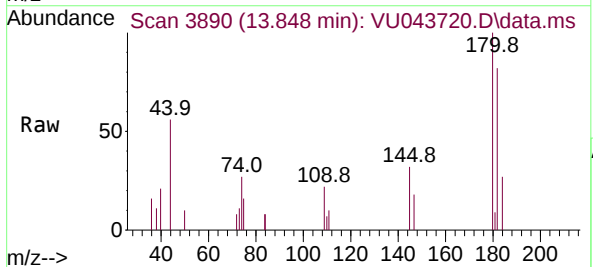
Instrument :
MSVOA_U
ClientSampled :

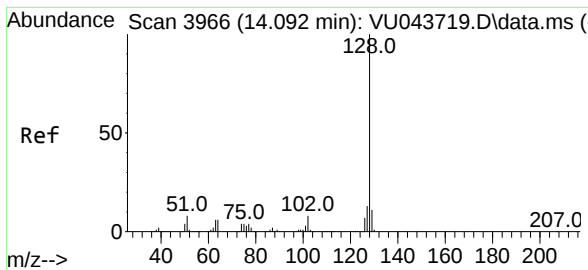
Tgt Ion: 75 Resp: 3970
Ion Ratio Lower Upper
75 100
77 42.6 22.4 41.6#



#70
1,2,4-trichlorobenzene
Concen: 0.55 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02

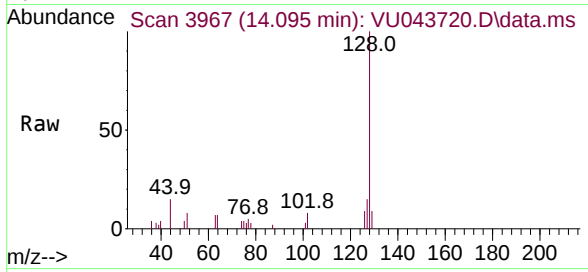
Tgt Ion:180 Resp: 2406
Ion Ratio Lower Upper
180 100
182 92.9 75.9 113.9
145 25.3 23.4 35.0





#71
Naphthalene
Concen: 0.79 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043720.D
Acq: 14 May 2021 00:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	11617
Ion Ratio	100	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.5	8.6	13.0

