

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042281.D
 Acq On : 05 Feb 2021 16:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Feb 06 07:26:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

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

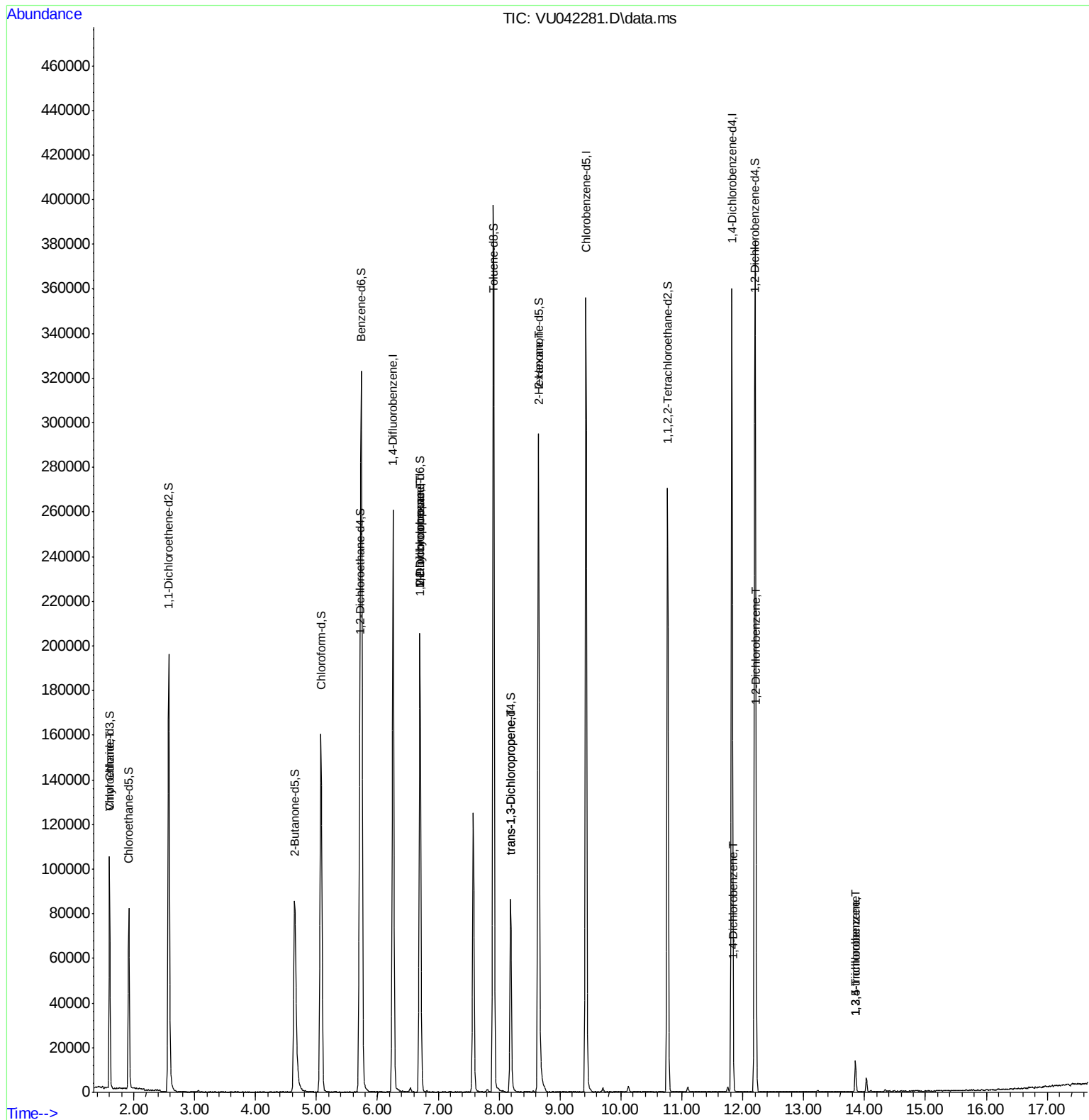
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	201958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	184472	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	91559	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71801	47.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.48%		
7) Chloroethane-d5	1.919	69	55259	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.04%		
11) 1,1-Dichloroethene-d2	2.575	63	121281	37.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.78%		
21) 2-Butanone-d5	4.642	46	162530	103.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.36%		
24) Chloroform-d	5.073	84	144717	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.82%		
26) 1,2-Dichloroethane-d4	5.713	65	105539	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.74%		
32) Benzene-d6	5.738	84	272703	50.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.76%		
36) 1,2-Dichloropropane-d6	6.700	67	91505	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.22%		
41) Toluene-d8	7.906	98	250611	49.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.72%		
43) trans-1,3-Dichloroprop...	8.189	79	46028	49.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.90%		
47) 2-Hexanone-d5	8.645	63	104992	103.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.72%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	126574	47.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.98%		
66) 1,2-Dichlorobenzene-d4	12.201	152	97273	50.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.34%		
Target Compounds						Qvalue
8) Chloroethane	1.604	64	1129	1.34	ug/L #	1
35) Methylcyclohexane	6.700	83	21013	9.23	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	10689	6.77	ug/L #	89
44) trans-1,3-Dichloropropene	8.189	75	2471	1.02	ug/L #	82
48) 2-Hexanone	8.648	43	14188	5.62	ug/L #	71
65) 1,4-Dichlorobenzene	11.844	146	1853	0.63	ug/L	93
67) 1,2-Dichlorobenzene	12.217	146	2429	0.82	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.851	180	4778	2.16	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	4778	2.57	ug/L	95

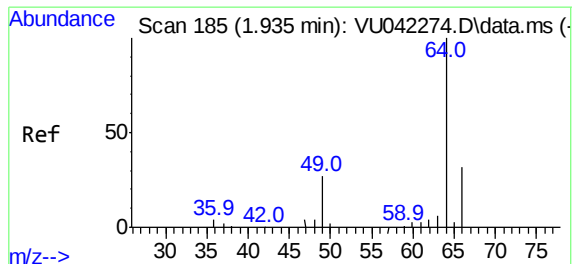
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 06 07:26:01 2021
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Quant Title : VOC Analysis
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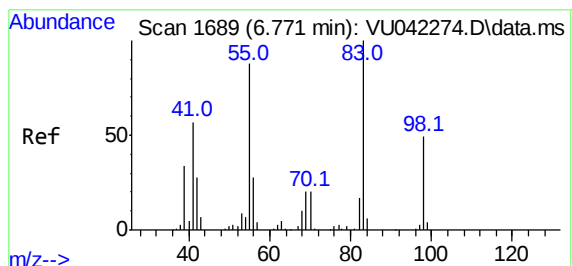
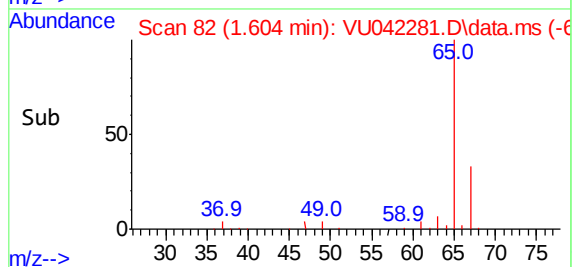
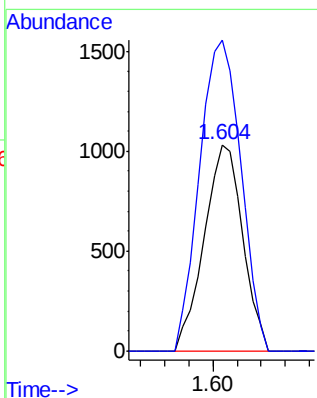
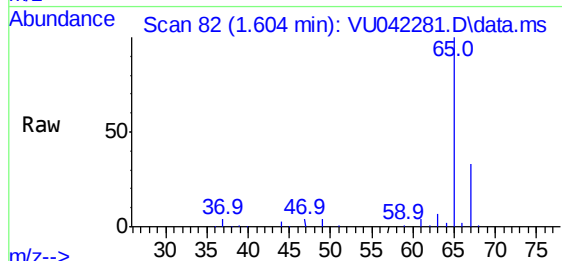




#8
Chloroethane
Concen: 1.34 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.331 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

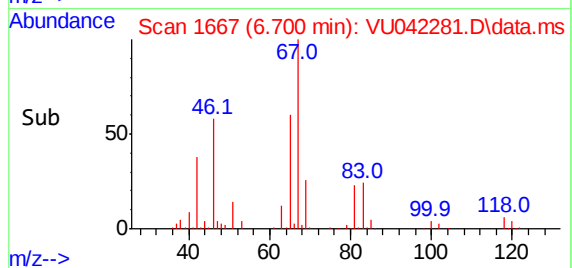
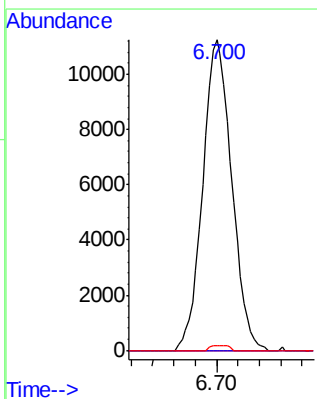
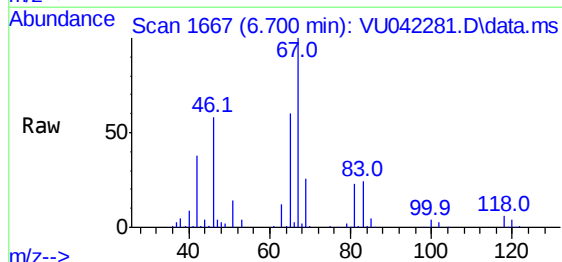
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

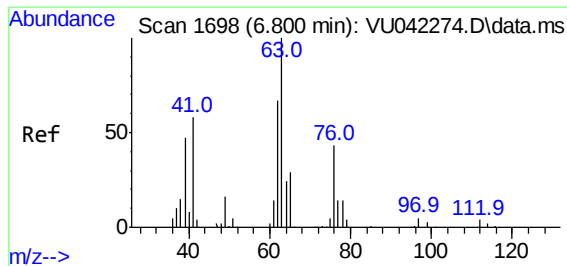
Tgt Ion: 64 Resp: 1129
Ion Ratio Lower Upper
64 100
66 150.7 22.5 41.7#



#35
Methylcyclohexane
Concen: 9.23 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

Tgt Ion: 83 Resp: 21013
Ion Ratio Lower Upper
83 100
55 0.0 68.6 102.8#
98 1.1 37.6 56.4#

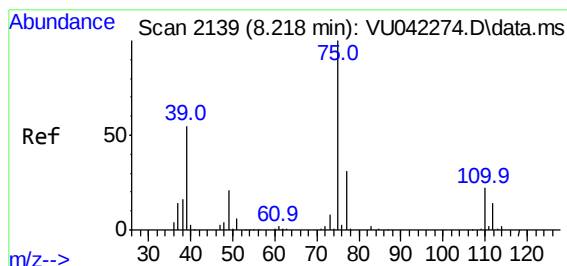
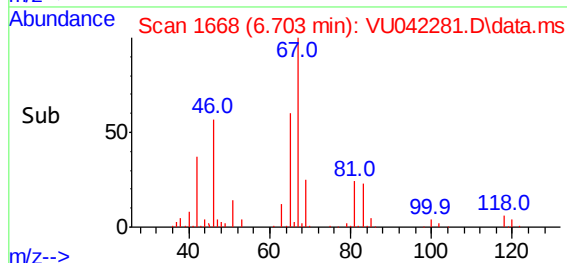
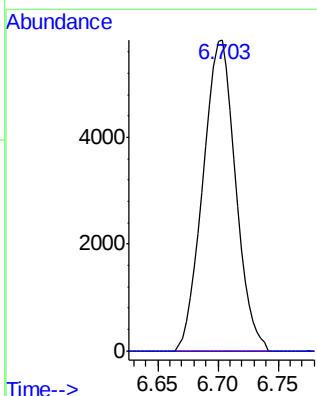
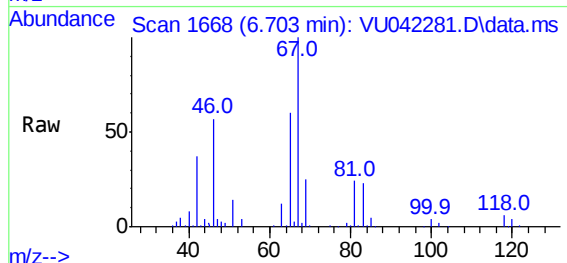




#37
1,2-Dichloropropane
Concen: 6.77 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

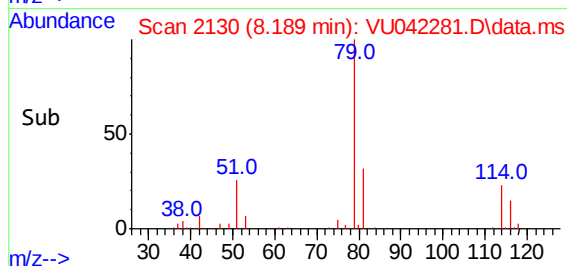
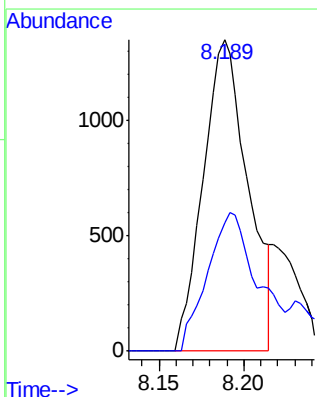
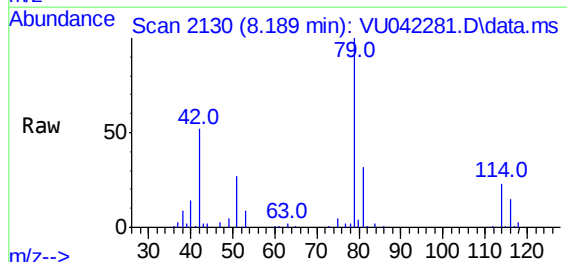
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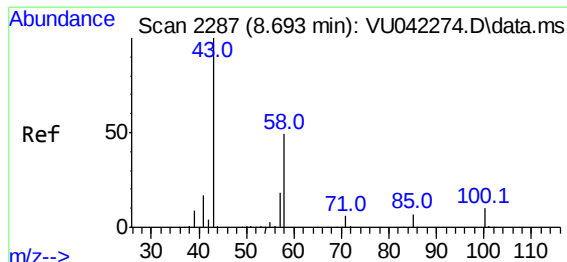
Tgt Ion: 63 Resp: 10689
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#44
trans-1,3-Dichloropropene
Concen: 1.02 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

Tgt Ion: 75 Resp: 2471
Ion Ratio Lower Upper
75 100
77 40.9 21.6 40.2#

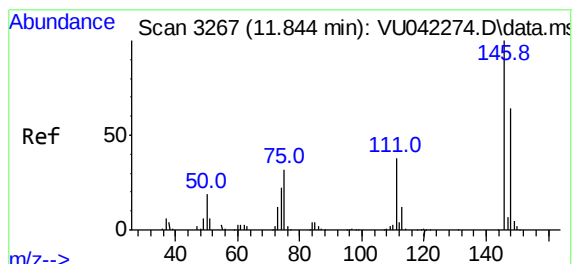
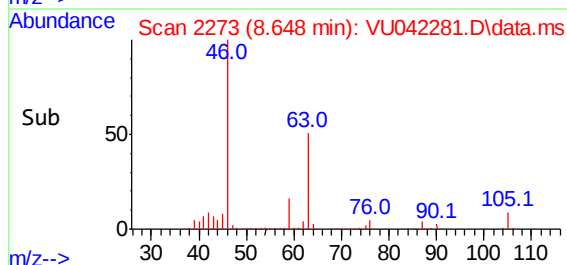
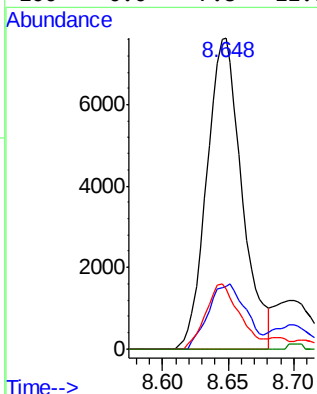
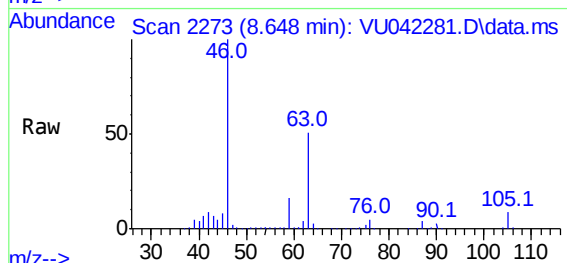




#48
2-Hexanone
Concen: 5.62 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

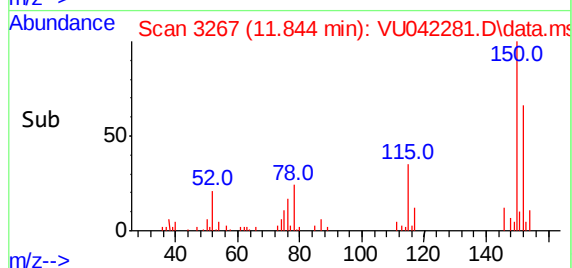
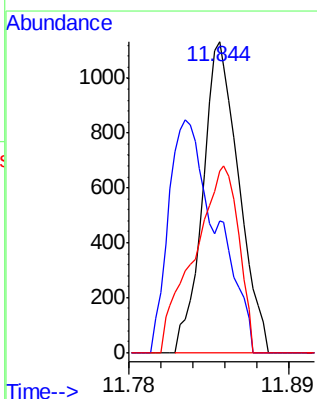
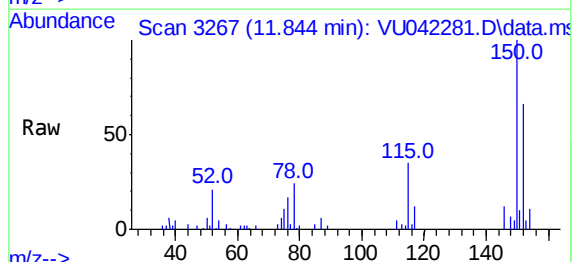
Instrument :
MSVOA_U
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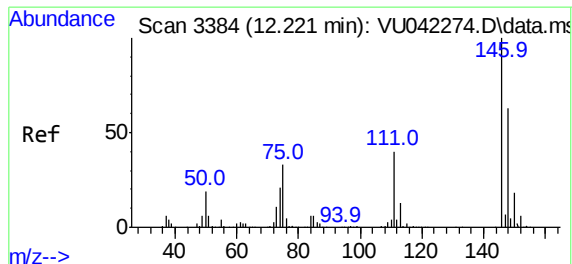
Tgt Ion: 43 Resp: 14188
Ion Ratio Lower Upper
43 100
58 22.6 39.2 58.8#
57 20.3 14.4 21.6
100 0.0 7.8 11.6#



#65
1,4-Dichlorobenzene
Concen: 0.63 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

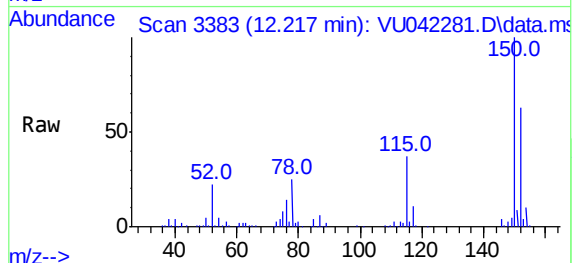
Tgt Ion: 146 Resp: 1853
Ion Ratio Lower Upper
146 100
111 42.2 26.6 49.4
148 58.3 44.6 82.8





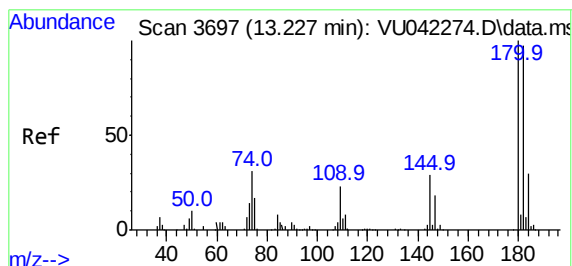
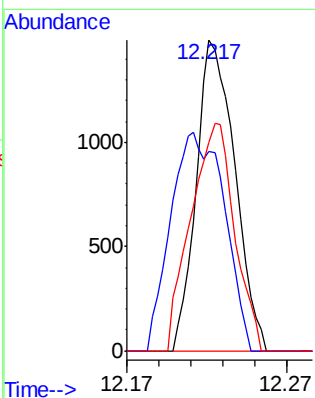
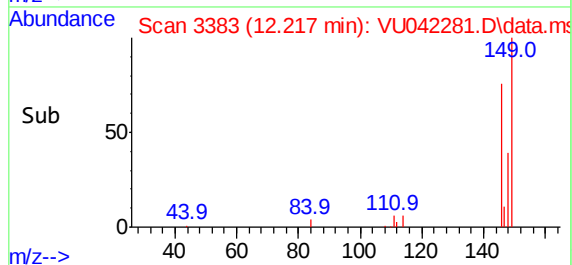
#67
1,2-Dichlorobenzene
Concen: 0.82 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

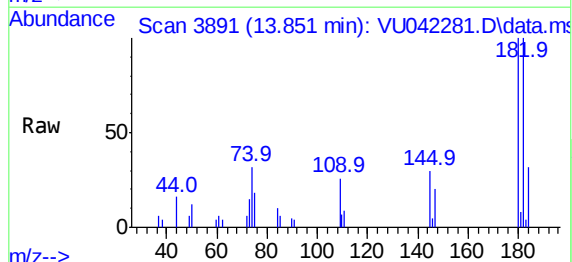


Tgt Ion:146 Resp: 2429

Ion	Ratio	Lower	Upper
146	100		
111	66.1	31.9	47.9#
148	59.3	50.2	75.4

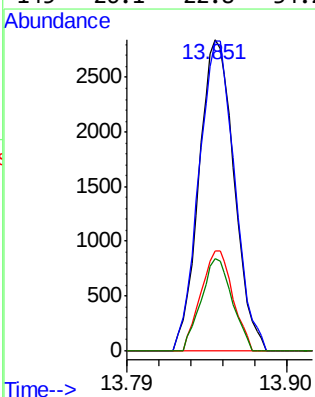
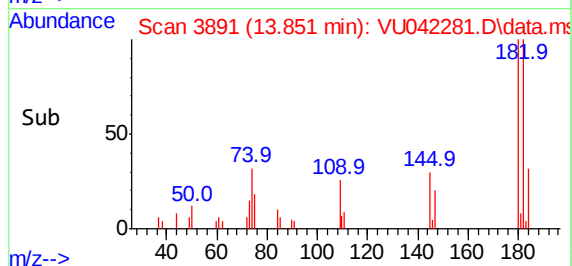


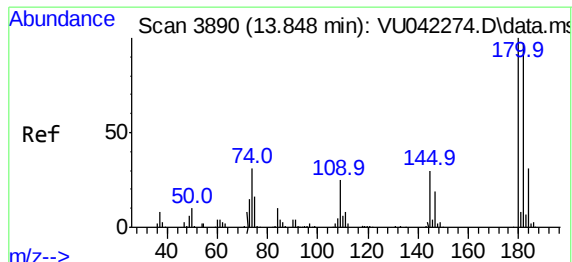
#69
1,3,5-Trichlorobenzene
Concen: 2.16 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.624 min
Lab File: VU042281.D
Acq: 05 Feb 2021 16:22



Tgt Ion:180 Resp: 4778

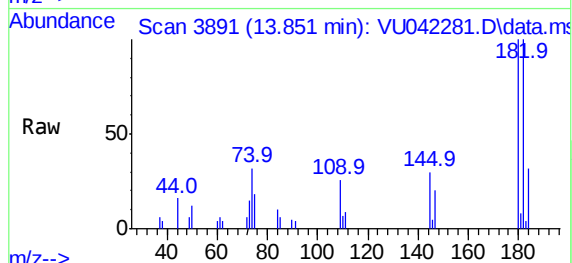
Ion	Ratio	Lower	Upper
180	100		
182	101.1	76.8	115.2
184	29.2	24.1	36.1
145	26.1	22.8	34.2





#70
 1,2,4-trichlorobenzene
 Concen: 2.57 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042281.D
 Acq: 05 Feb 2021 16:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK



Tgt Ion:180 Resp: 4778

Ion	Ratio	Lower	Upper
180	100		
182	101.1	77.2	115.8
145	26.1	23.7	35.5

