

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042101.D
 Acq On : 20 Jan 2021 13:11
 Operator : SY/MD
 Sample : VU0120WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

Quant Time: Jan 21 04:20:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	129743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	119504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	63438	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39833	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	95.20%		
7) Chloroethane-d5	1.916	69	30435	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	90.20%		
11) 1,1-Dichloroethene-d2	2.565	63	66630	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	72.20%		
20) 2-Butanone-d5	4.652	46	165930	54.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	108.66%		
24) Chloroform-d	5.073	84	81691	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.40%		
26) 1,2-Dichloroethane-d4	5.710	65	50365	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.40%		
32) Benzene-d6	5.736	84	157185	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.80%		
36) 1,2-Dichloropropane-d6	6.700	67	51342	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.00%		
41) Toluene-d8	7.906	98	143413	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.20%		
43) trans-1,3-Dichloroprop...	8.189	79	25979	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	101.80%		
46) 2-Hexanone-d5	8.652	63	125195	56.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	112.72%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	45442	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	105.20%		
64) 1,2-Dichlorobenzene-d4	12.205	152	56305	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.80%		
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	851	0.08	ug/L	90
6) Bromomethane	1.861	94	683	0.11	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	736	0.08	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	730	0.08	ug/L #	1
16) Methylene chloride	3.051	84	1604	0.15	ug/L	95
25) Chloroform	5.092	83	1188	0.07	ug/L	89
35) Methylcyclohexane	6.771	83	473	0.03	ug/L #	51
37) 1,2-Dichloropropane	6.700	63	5921	0.64	ug/L #	87
40) 4-Methyl-2-pentanone	7.806	43	3795	0.48	ug/L #	88
44) trans-1,3-Dichloropropene	8.192	75	1567	0.11	ug/L #	80
48) 2-Hexanone	8.700	43	4234	0.77	ug/L #	86
59) 1,2,3-Trichloropropane	11.822	75	6908	1.06	ug/L	96
63) 1,4-Dichlorobenzene	11.845	146	1075	0.05	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	905	0.06	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	948	0.08	ug/L	96
69) Naphthalene	14.099	128	1852	0.10	ug/L #	84
70) 1,2,3-Trichlorobenzene	14.340	180	939	0.08	ug/L	91

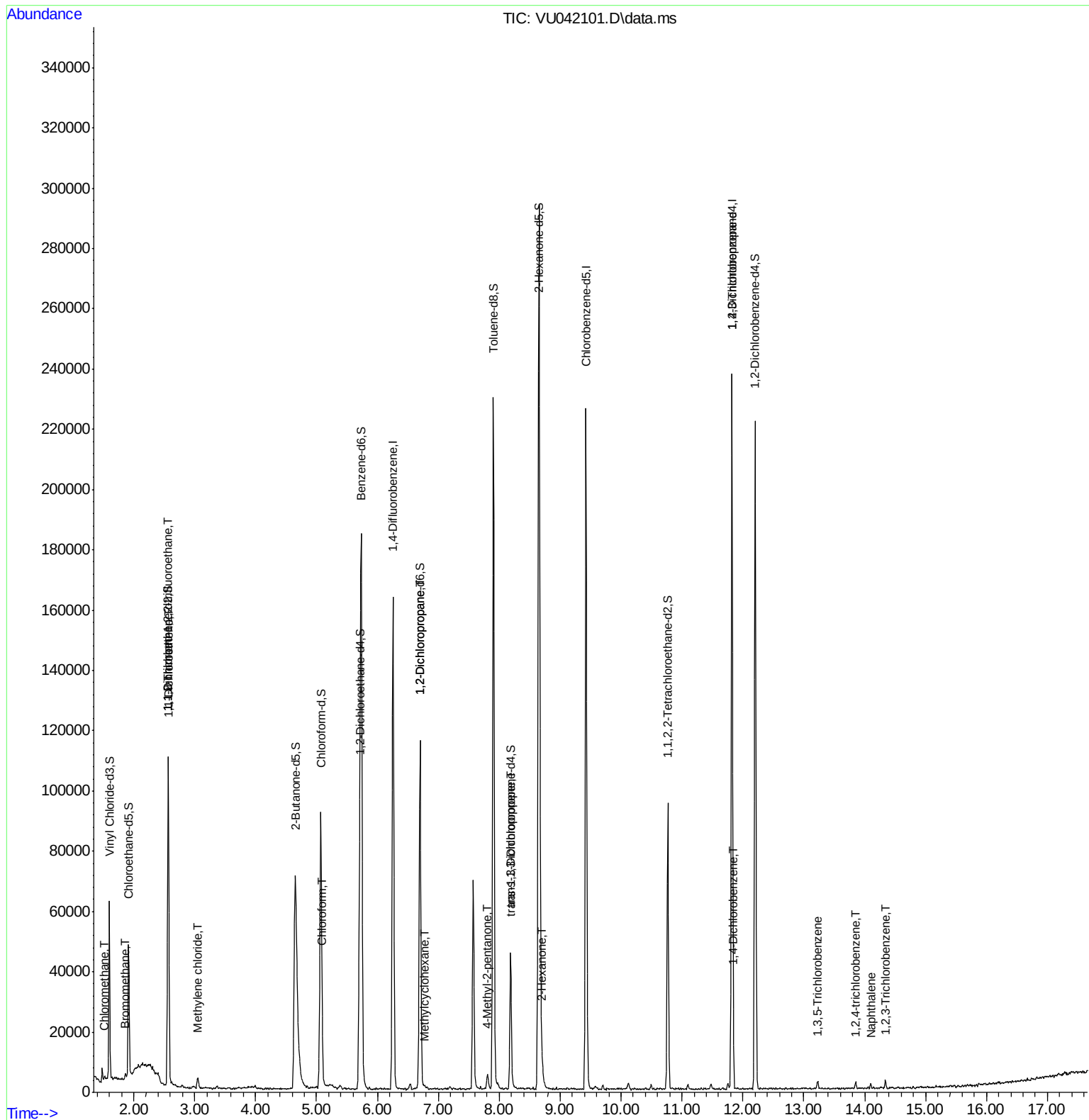
(#) = qualifier out of range (m) = manual integration (+) = signals summed

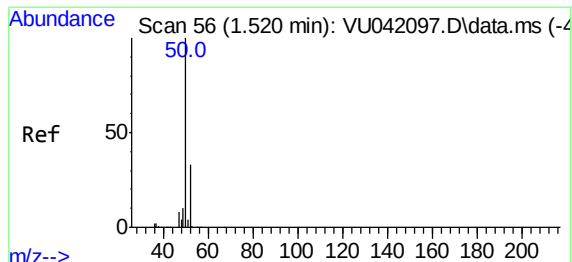
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042101.D
Acq On : 20 Jan 2021 13:11
Operator : SY/MD
Sample : VU0120WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK24

Quant Time: Jan 21 04:20:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

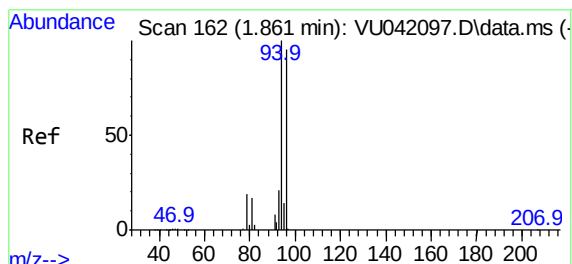
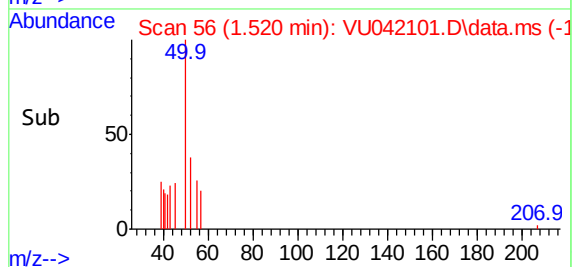
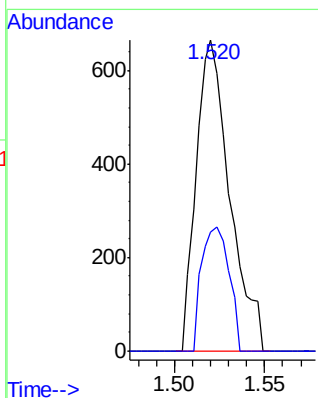
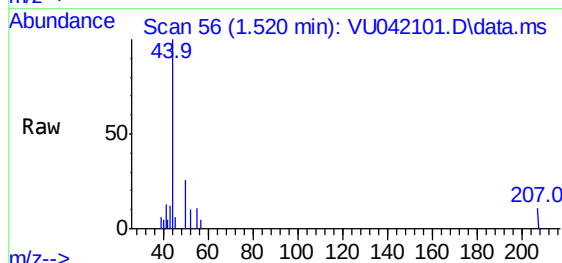




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

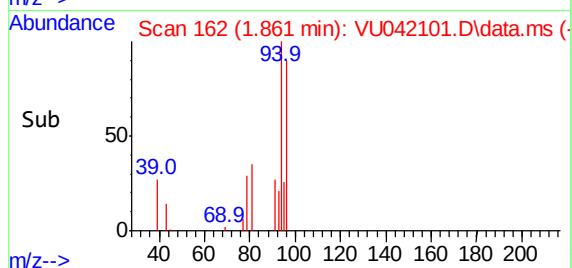
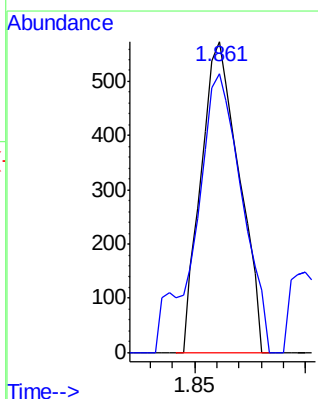
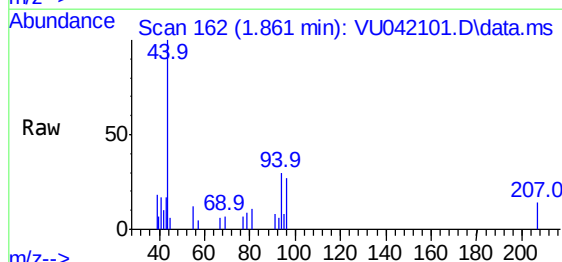
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

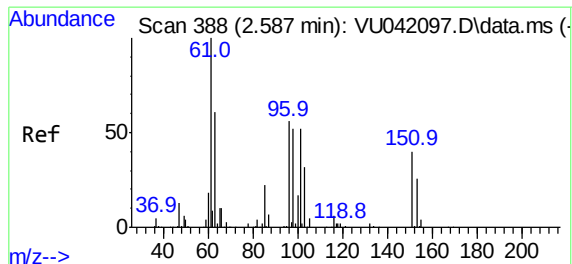
Tgt Ion: 50 Resp: 851
Ion Ratio Lower Upper
50 100
52 38.3 23.0 42.8



#6
Bromomethane
Concen: 0.11 ug/L
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 89.9 66.5 123.5

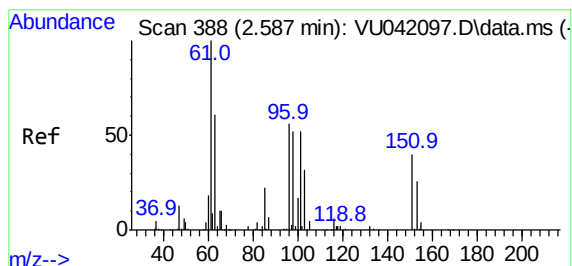
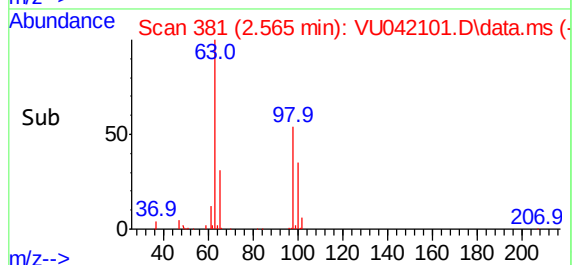
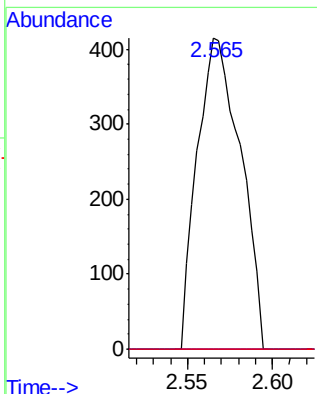
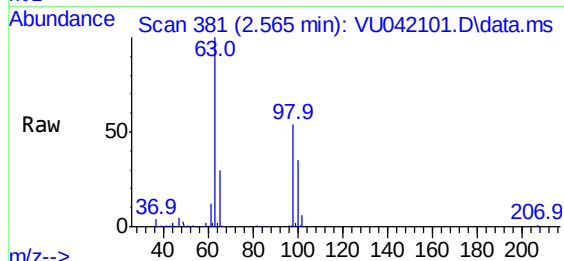




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.08 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.022 min
 Lab File: VU042101.D
 Acq: 20 Jan 2021 13:11

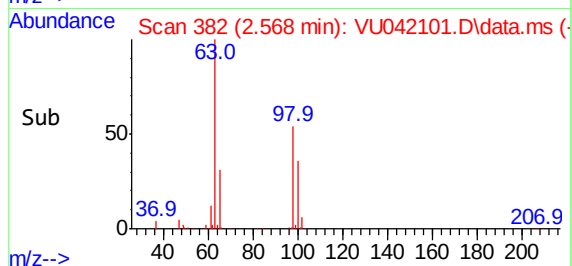
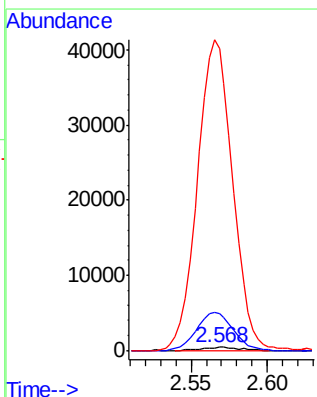
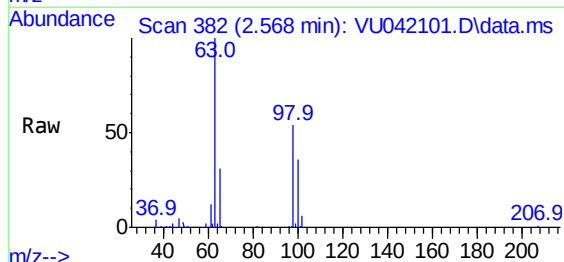
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

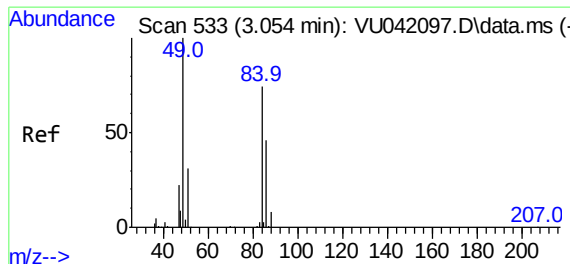
Tgt Ion:101 Resp: 736
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.08 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042101.D
 Acq: 20 Jan 2021 13:11

Tgt Ion: 96 Resp: 730
 Ion Ratio Lower Upper
 96 100
 61 1164.8 126.2 234.4#
 63 9531.6 77.8 144.4#



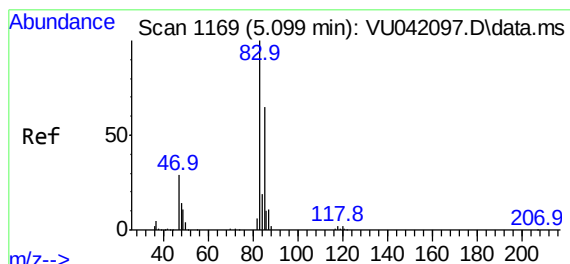
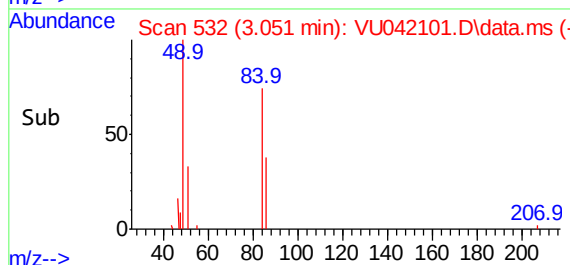
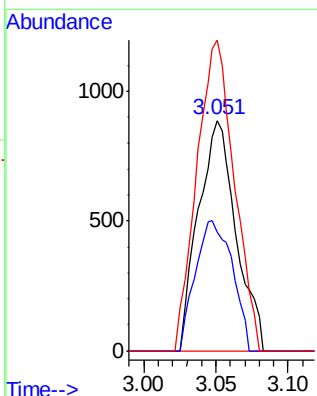
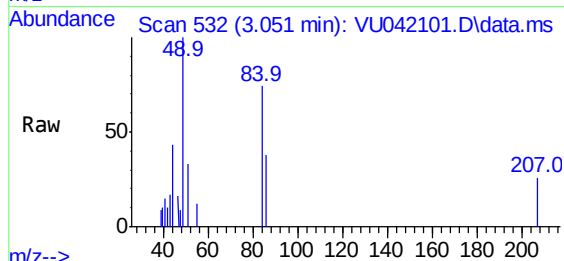


#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Instrument :
MSVOA_U
ClientSampleId :
VBLK24

Tgt Ion: 84 Resp: 1604

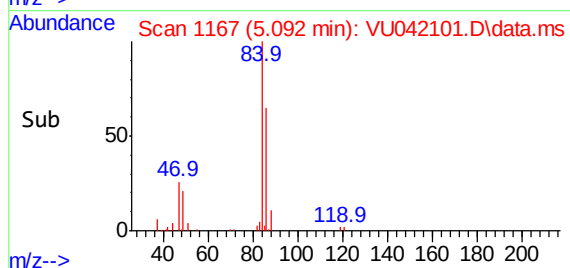
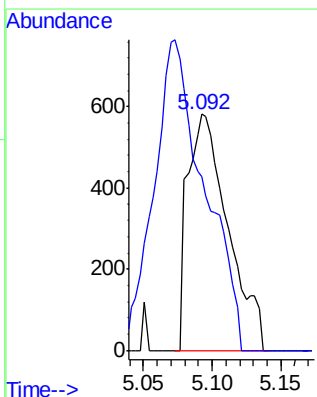
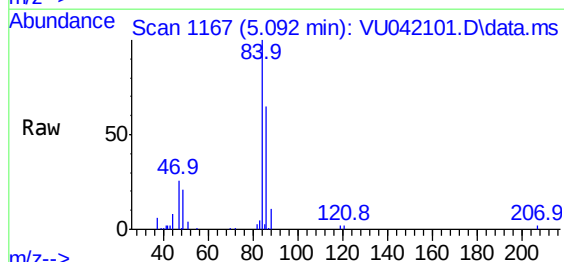
Ion	Ratio	Lower	Upper
84	100		
86	51.6	44.1	81.9
49	134.9	95.0	176.4

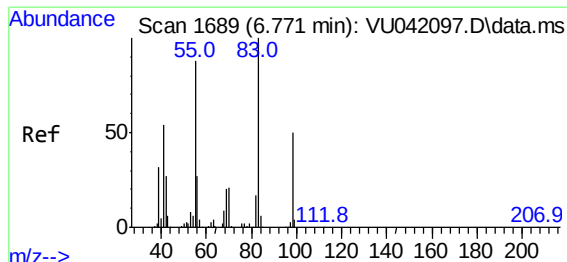


#25
Chloroform
Concen: 0.07 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Tgt Ion: 83 Resp: 1188

Ion	Ratio	Lower	Upper
83	100		
85	73.7	45.7	84.9

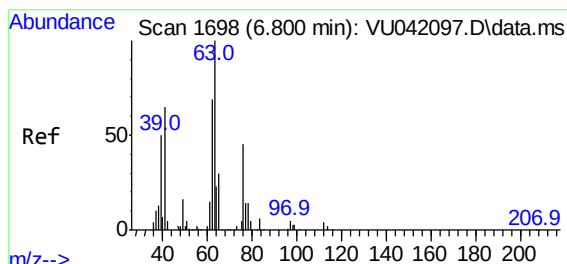
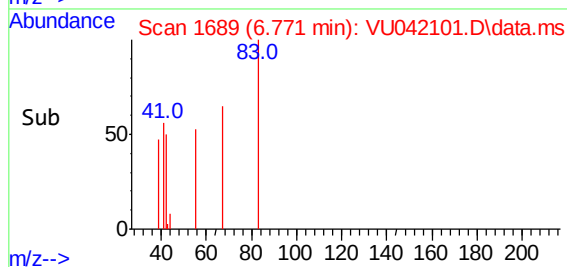
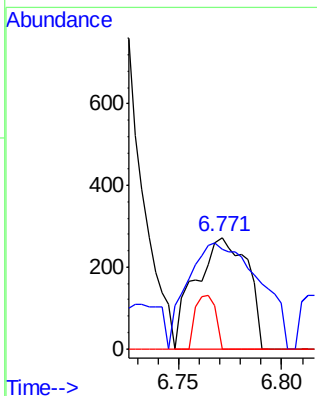
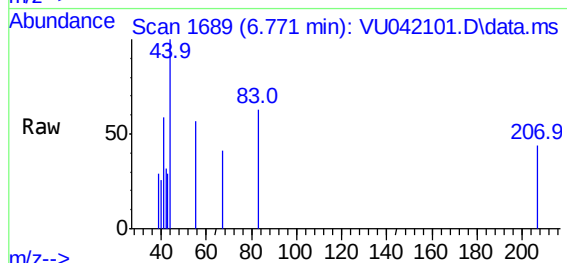




#35
Methylcyclohexane
Concen: 0.03 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

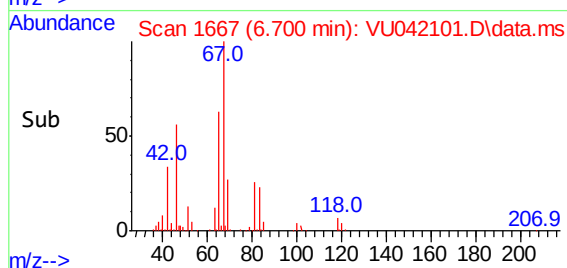
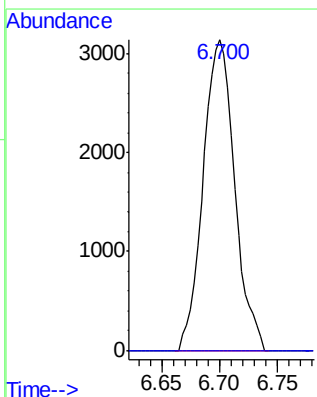
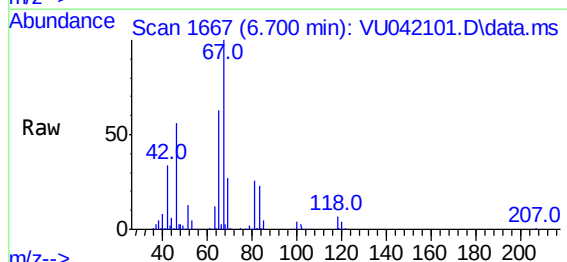
Instrument :
MSVOA_U
ClientSampled :
VBLK24

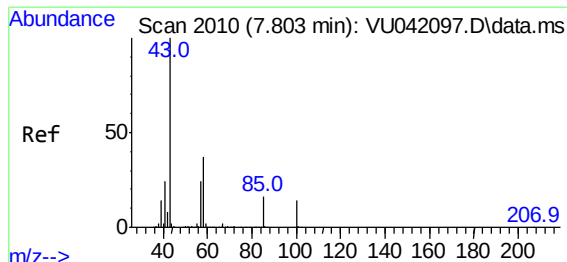
Tgt Ion: 83 Resp: 473
Ion Ratio Lower Upper
83 100
55 131.9 68.2 102.4#
98 19.2 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Tgt Ion: 63 Resp: 5921
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

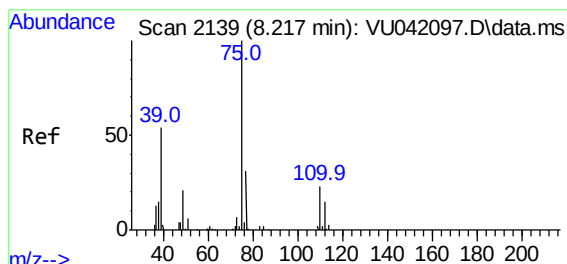
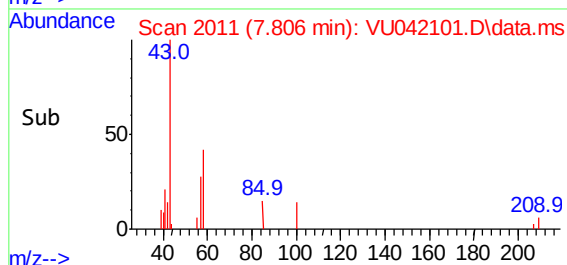
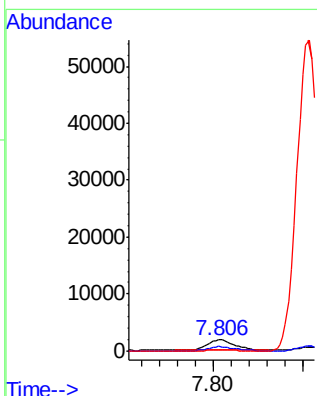
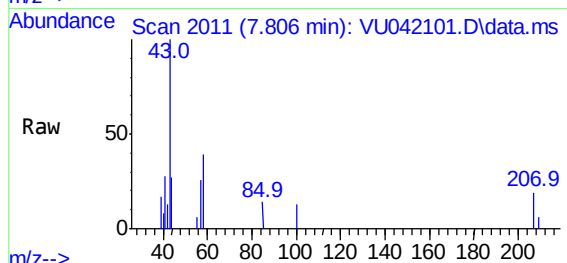




#40
4-Methyl-2-pentanone
Concen: 0.48 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

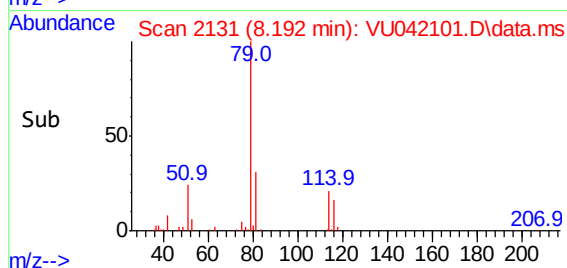
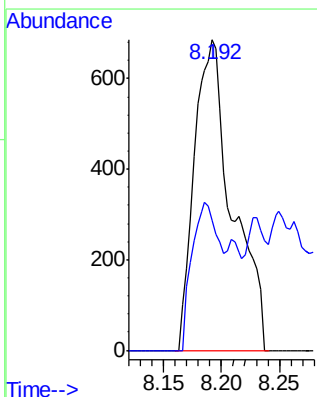
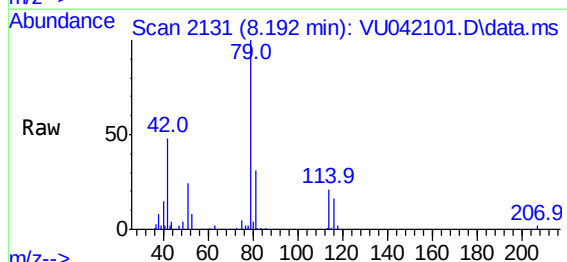
Instrument :
MSVOA_U
ClientSampled :
VBLK24

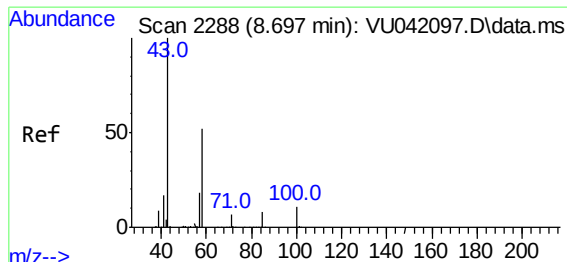
Tgt Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
58 38.9 29.1 43.7
100 0.0 11.0 16.4#



#44
trans-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.025 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Tgt Ion: 75 Resp: 1567
Ion Ratio Lower Upper
75 100
77 41.8 21.8 40.4#

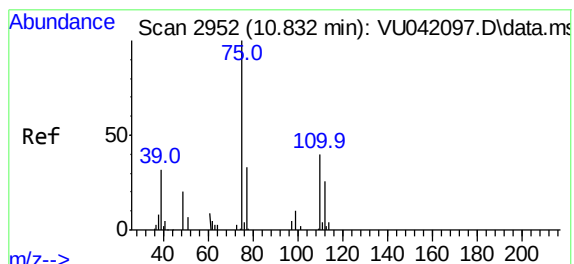
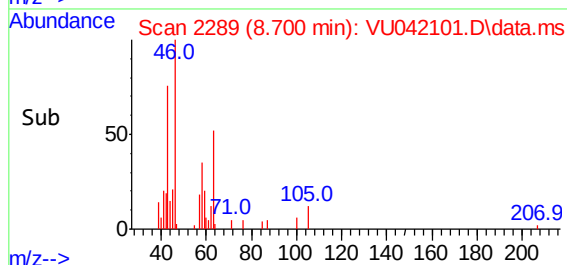
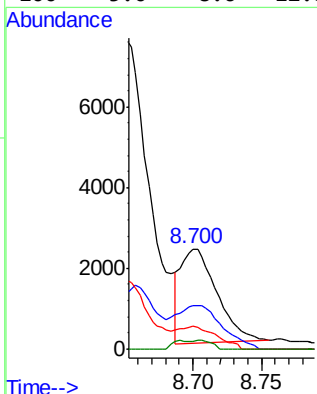
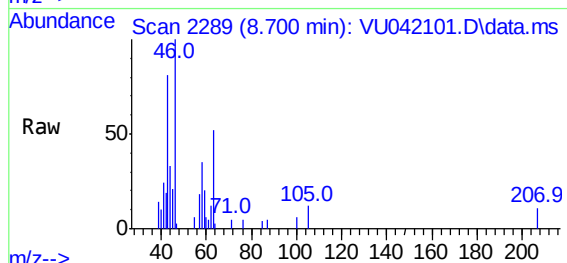




#48
2-Hexanone
Concen: 0.77 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

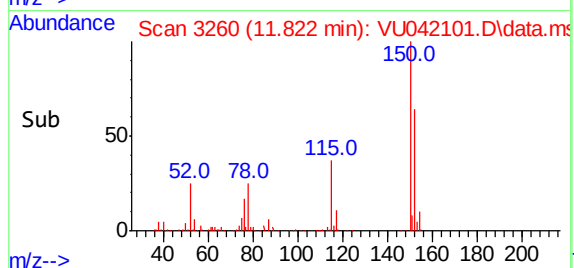
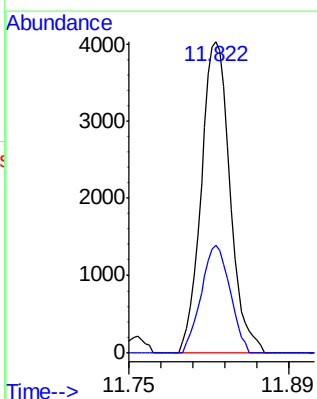
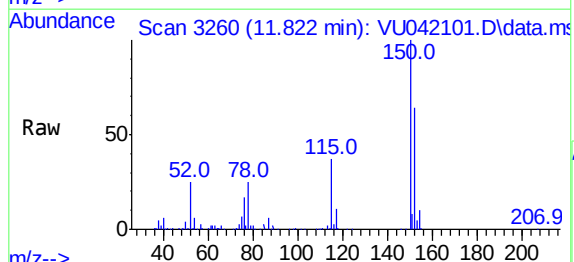
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

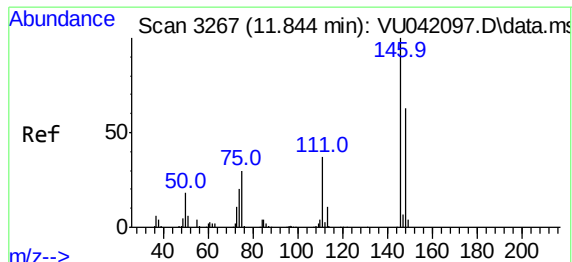
Tgt Ion: 43 Resp: 4234
Ion Ratio Lower Upper
43 100
58 59.8 40.6 61.0
57 26.1 14.9 22.3#
100 5.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.06 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.991 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Tgt Ion: 75 Resp: 6908
Ion Ratio Lower Upper
75 100
77 34.5 26.0 39.0

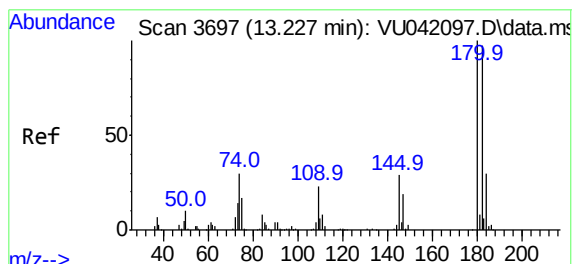
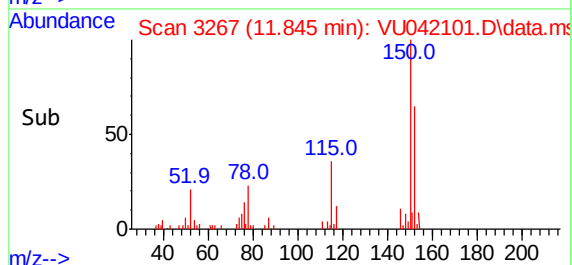
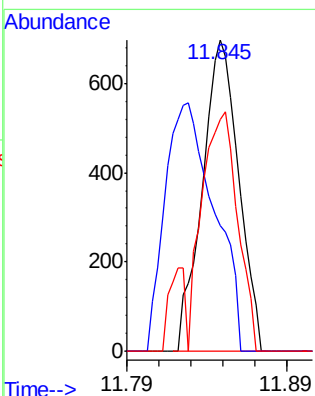
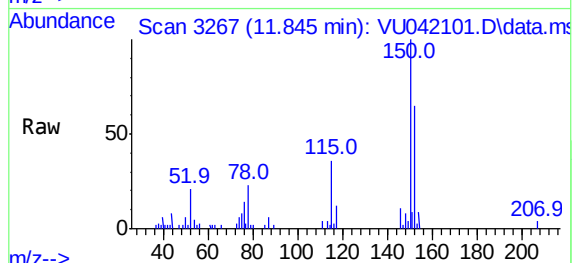




#63
1,4-Dichlorobenzene
Concen: 0.05 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

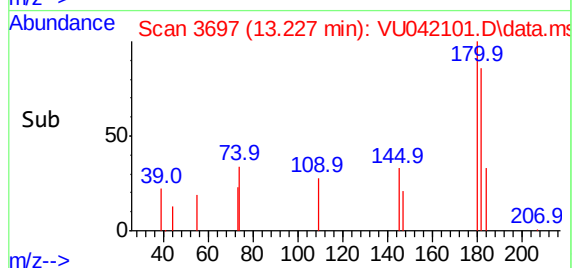
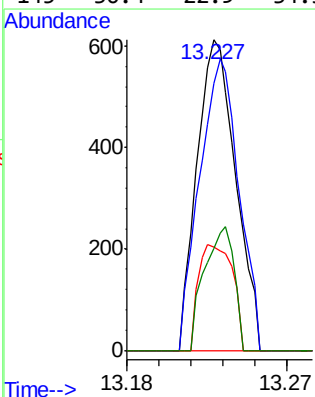
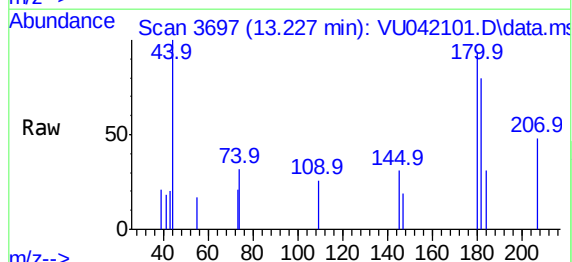
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

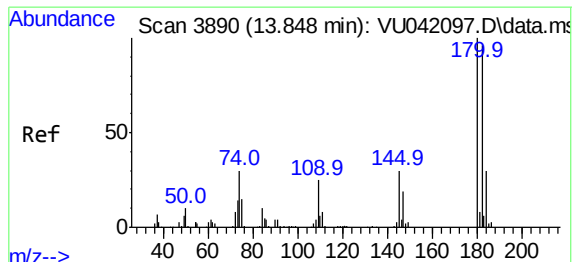
Tgt Ion:146 Resp: 1075
Ion Ratio Lower Upper
146 100
111 40.3 25.8 47.8
148 74.4 44.1 81.9



#67
1,3,5-Trichlorobenzene
Concen: 0.06 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

Tgt Ion:180 Resp: 905
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
184 29.7 23.9 35.9
145 30.4 22.9 34.3

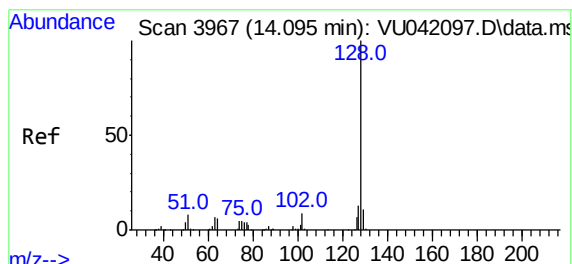
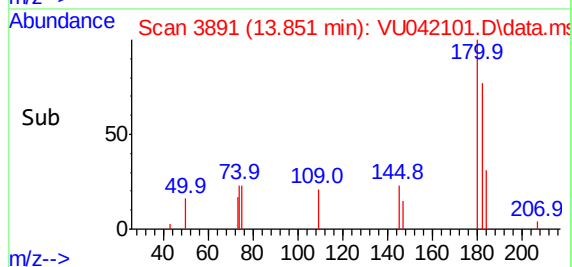
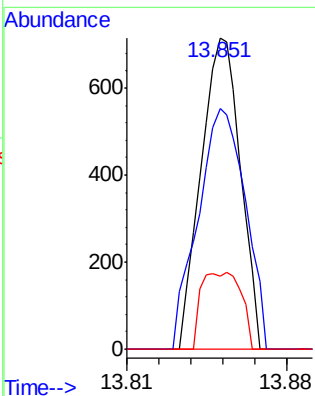
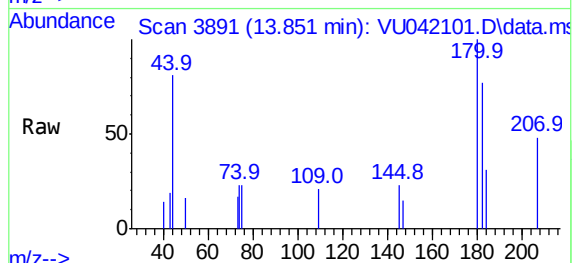




#68
1,2,4-trichlorobenzene
Concen: 0.08 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

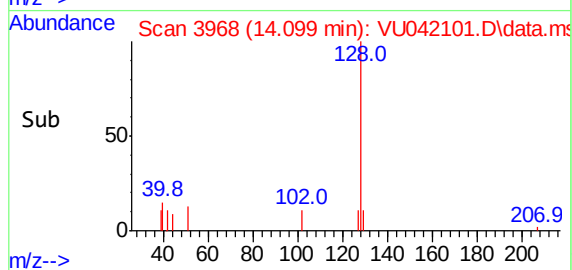
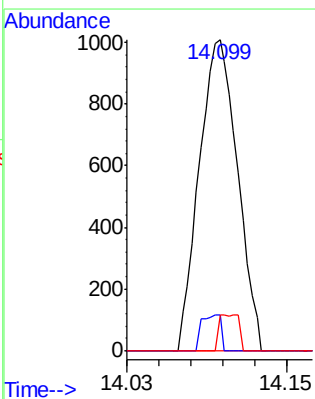
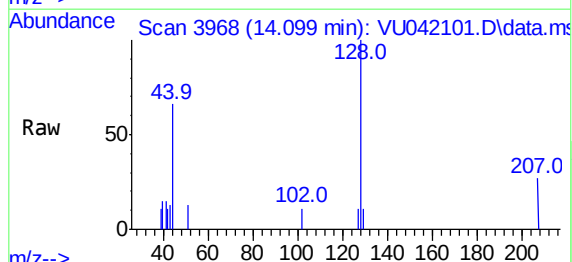
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

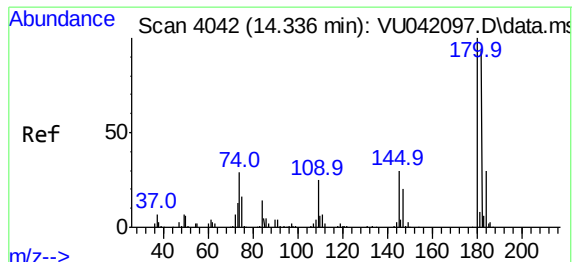
Tgt Ion:180 Resp: 948
Ion Ratio Lower Upper
180 100
182 92.4 76.3 114.5
145 25.0 23.7 35.5



#69
Naphthalene
Concen: 0.10 ug/L
RT: 14.099 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042101.D
Acq: 20 Jan 2021 13:11

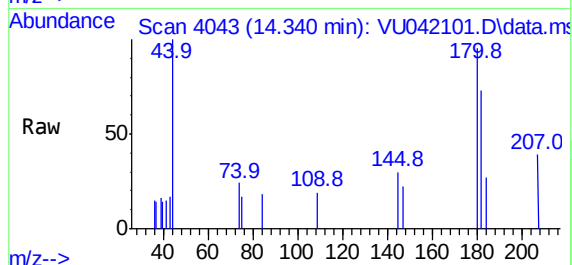
Tgt Ion:128 Resp: 1852
Ion Ratio Lower Upper
128 100
129 5.7 8.7 13.1#
127 6.0 10.6 15.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.08 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU042101.D
 Acq: 20 Jan 2021 13:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24



Tgt Ion:180 Resp: 939

Ion	Ratio	Lower	Upper
180	100		
182	83.5	75.6	113.4
145	30.7	24.7	37.1

