

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042311.D
 Acq On : 12 Feb 2021 10:22
 Operator : SY/MD
 Sample : VU0212WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20

Quant Time: Feb 12 21:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

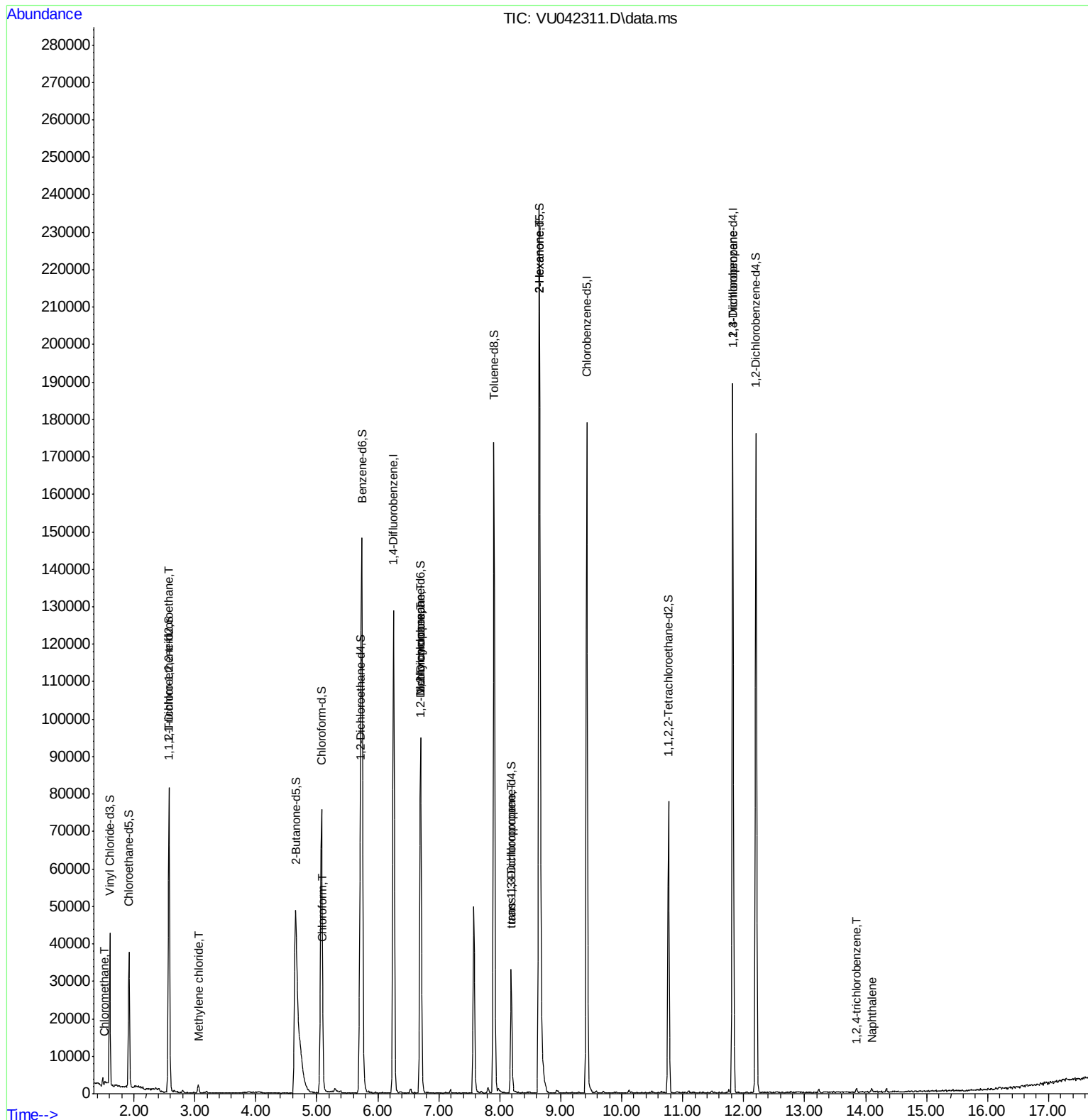
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	100427	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48681	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26888	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	83.00%		
7) Chloroethane-d5	1.919	69	24495	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	93.80%		
11) 1,1-Dichloroethene-d2	2.575	63	49836	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	69.80%		
20) 2-Butanone-d5	4.652	46	137802	58.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	116.58%		
24) Chloroform-d	5.073	84	68695	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.60%		
26) 1,2-Dichloroethane-d4	5.713	65	43567	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.60%		
32) Benzene-d6	5.739	84	123124	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.80%		
36) 1,2-Dichloropropane-d6	6.703	67	41860	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	105.20%		
41) Toluene-d8	7.909	98	109073	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.60%		
43) trans-1,3-Dichloroprop...	8.189	79	17841	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.40%		
46) 2-Hexanone-d5	8.649	63	96347	54.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	109.70%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	36804	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	107.80%		
64) 1,2-Dichlorobenzene-d4	12.201	152	43718	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.00%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	520	0.06	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	578	0.08	ug/L #	18
16) Methylene chloride	3.064	84	952	0.12	ug/L	84
25) Chloroform	5.096	83	903	0.07	ug/L #	23
35) Methylcyclohexane	6.700	83	10304	0.82	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4936	0.67	ug/L #	87
44) trans-1,3-Dichloropropene	8.192	75	831	0.08	ug/L	83
48) 2-Hexanone	8.649	43	13102	3.01	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	5761	1.11	ug/L	95
68) 1,2,4-trichlorobenzene	13.851	180	587	0.06	ug/L #	90
69) Naphthalene	14.102	128	1382	0.10	ug/L #	75

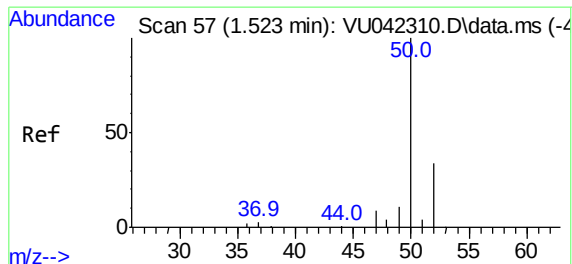
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

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MSVOA_U
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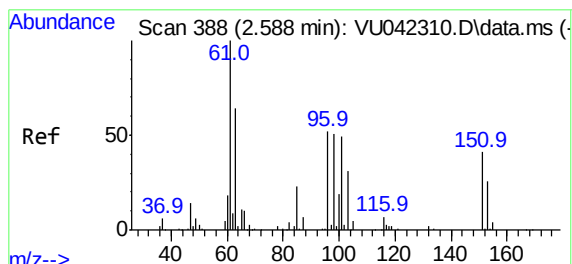
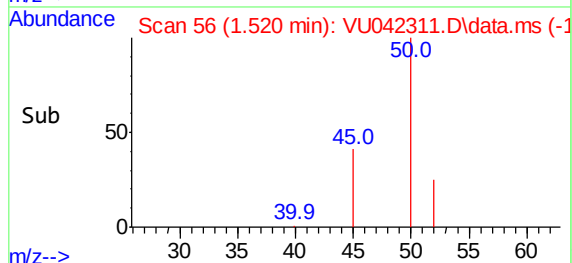
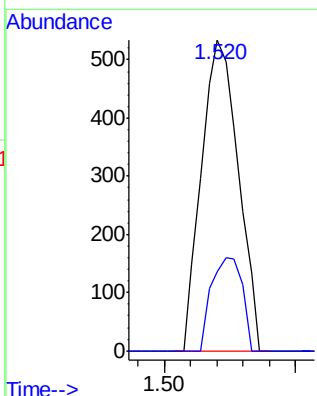
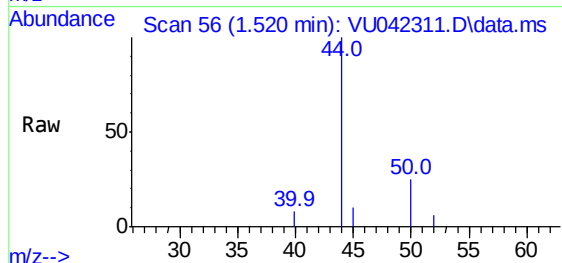




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

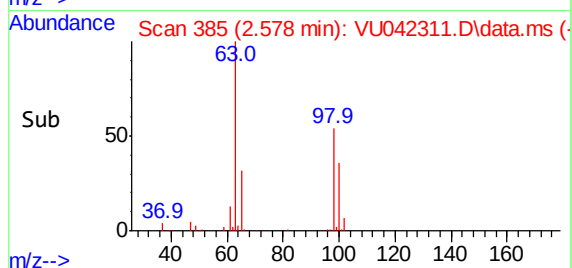
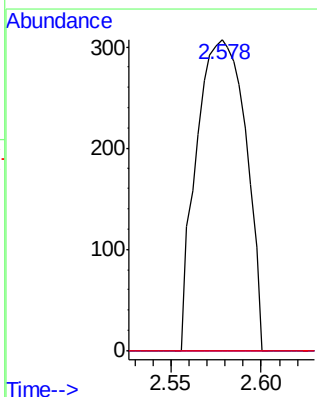
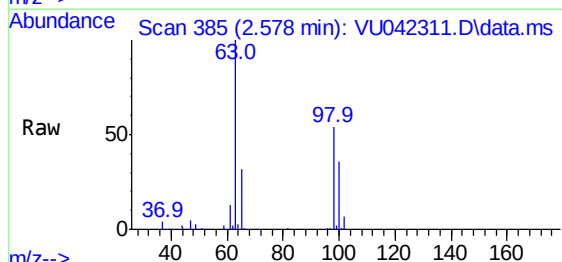
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

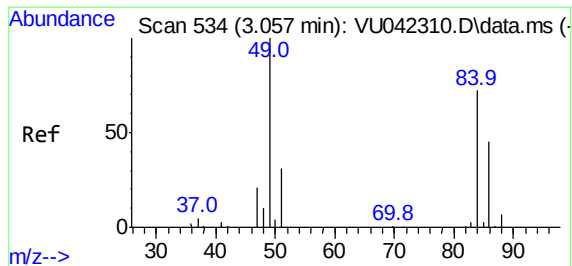
Tgt Ion: 50 Resp: 520
Ion Ratio Lower Upper
50 100
52 25.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.08 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

Tgt Ion:101 Resp: 578
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

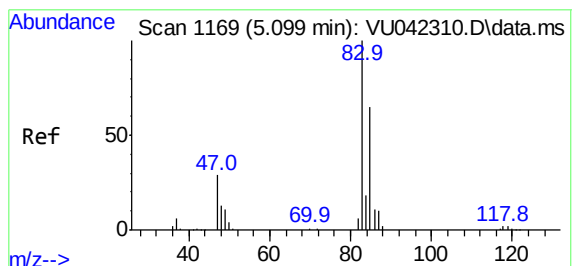
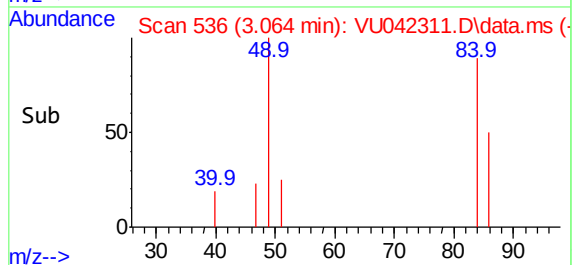
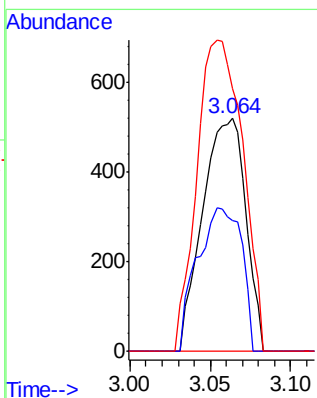
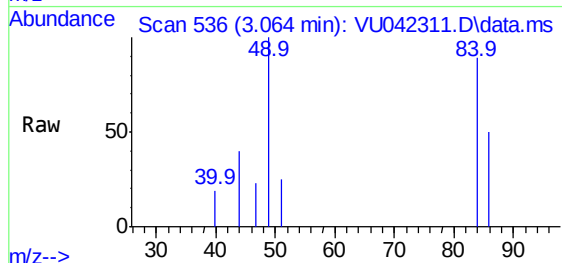




#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.064 min Scan# 536
Delta R.T. 0.006 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

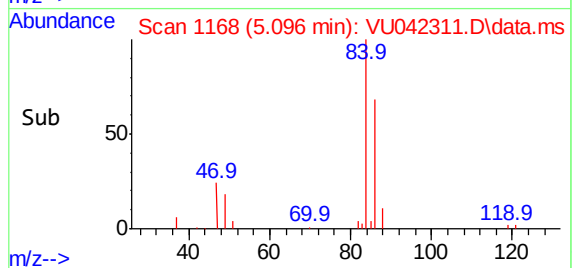
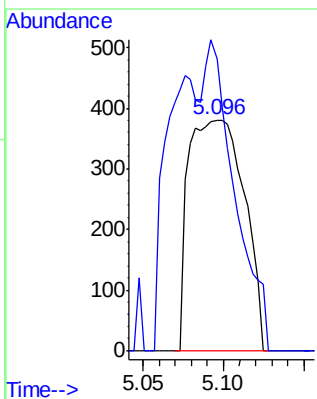
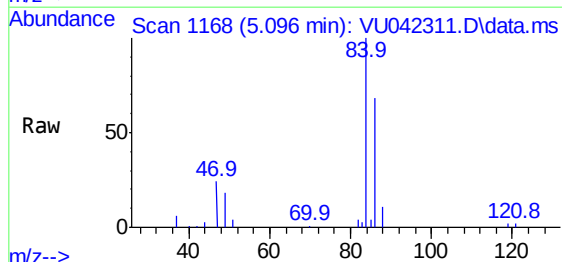
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

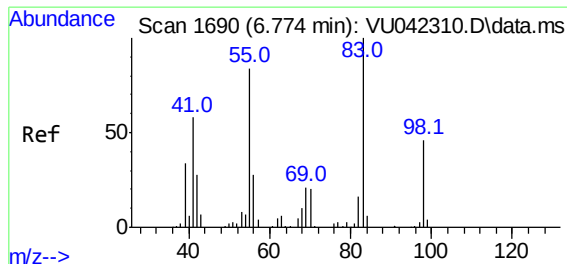
Tgt Ion: 84 Resp: 952
Ion Ratio Lower Upper
84 100
86 56.3 44.1 81.9
49 112.9 95.0 176.4



#25
Chloroform
Concen: 0.07 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

Tgt Ion: 83 Resp: 903
Ion Ratio Lower Upper
83 100
85 126.2 45.7 84.9#

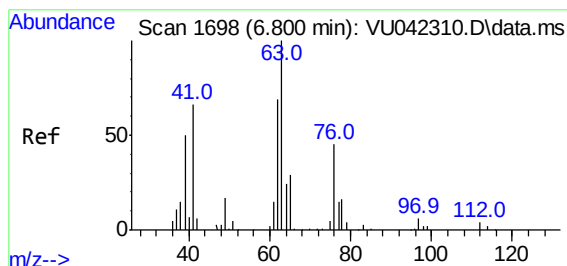
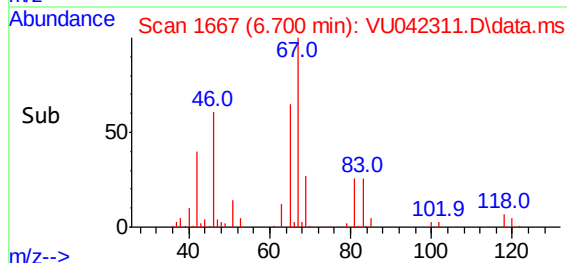
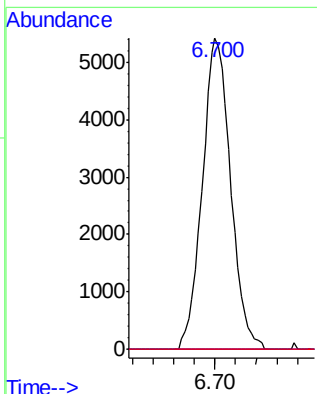
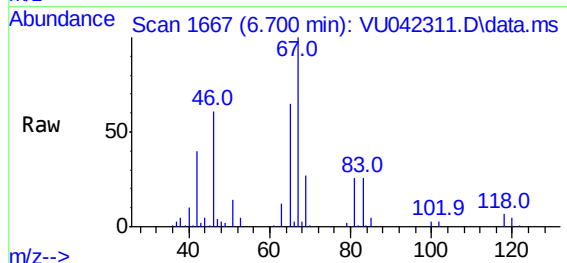




#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

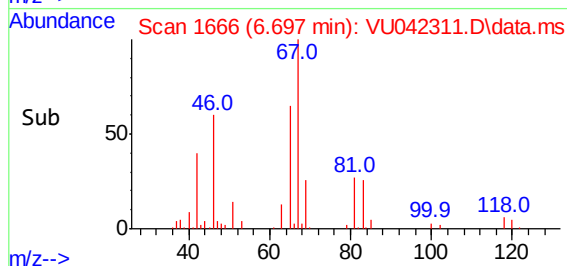
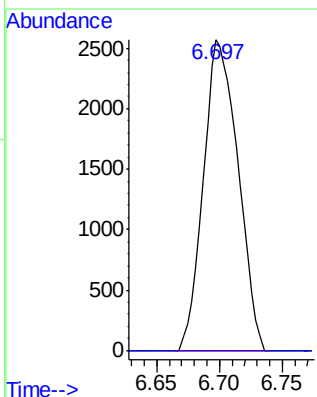
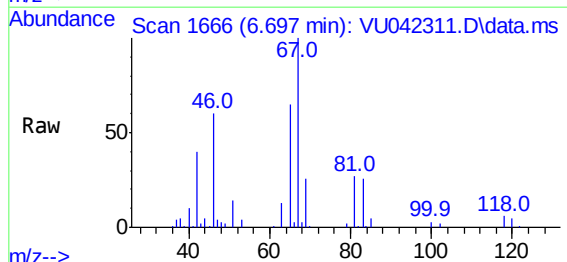
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

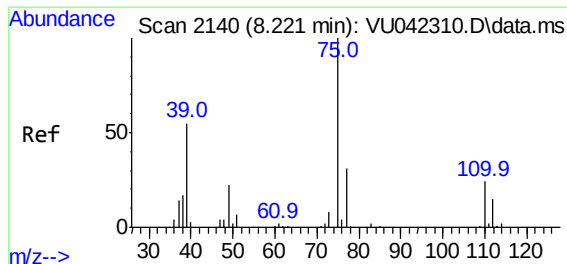
Tgt Ion: 83 Resp: 10304
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.5 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

Tgt Ion: 63 Resp: 4936
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

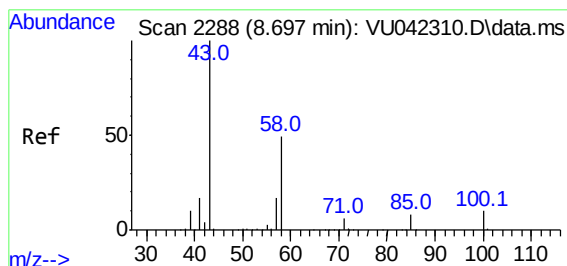
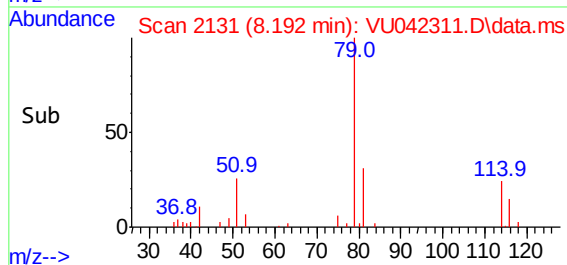
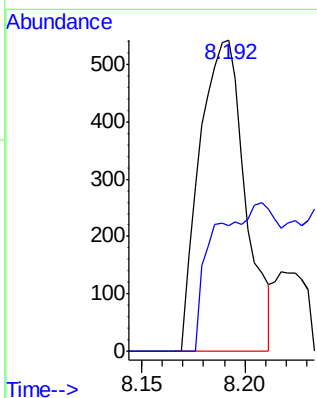
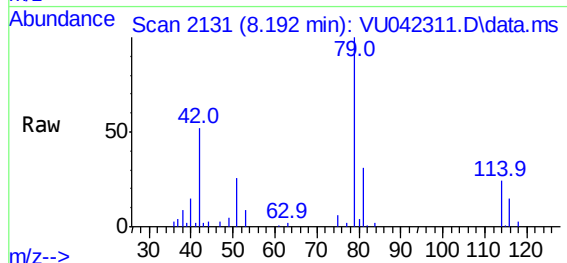




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

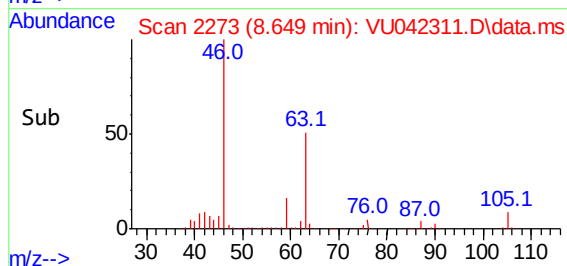
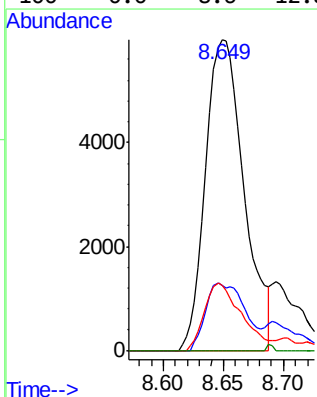
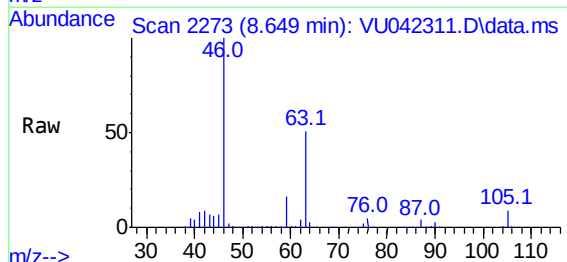
Instrument :
MSVOA_U
ClientSampled :
VBLK20

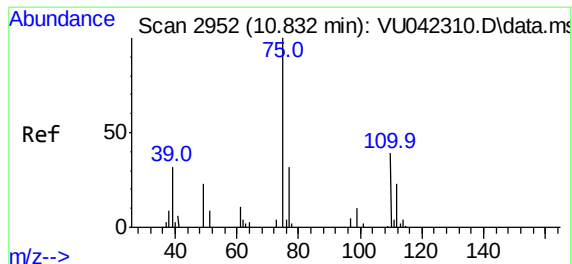
Tgt Ion: 75 Resp: 831
Ion Ratio Lower Upper
75 100
77 40.3 21.8 40.4



#48
2-Hexanone
Concen: 3.01 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

Tgt Ion: 43 Resp: 13102
Ion Ratio Lower Upper
43 100
58 22.1 40.6 61.0#
57 20.8 14.9 22.3
100 0.0 8.6 12.8#

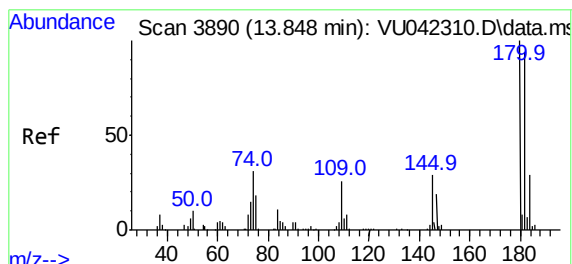
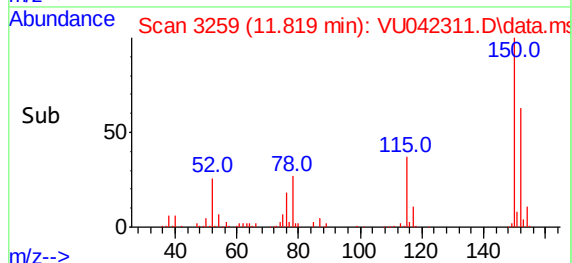
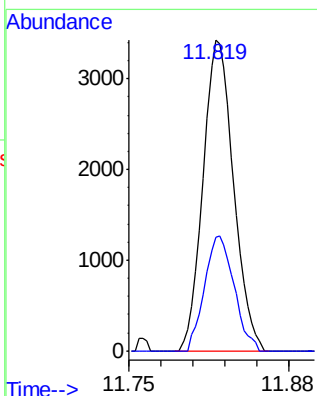
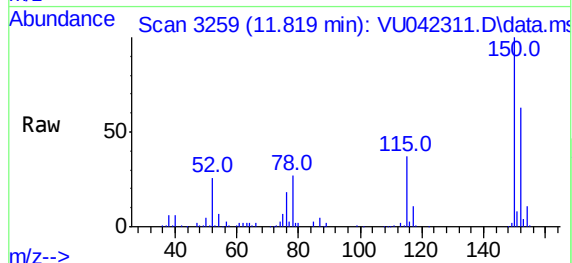




#59
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042311.D
 Acq: 12 Feb 2021 10:22

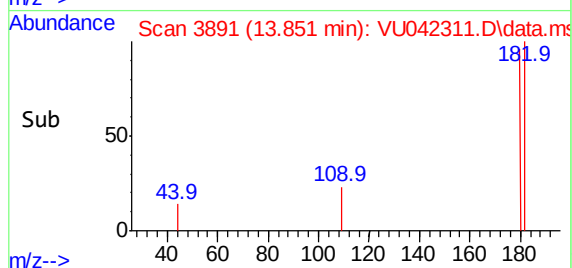
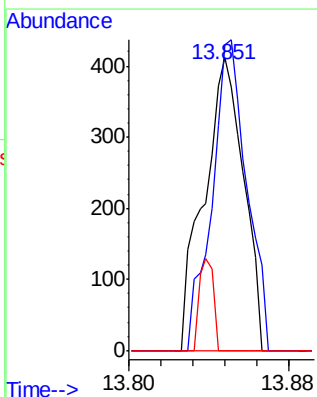
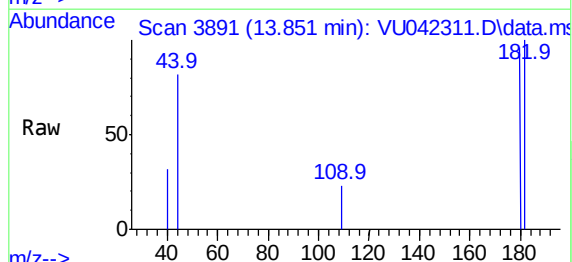
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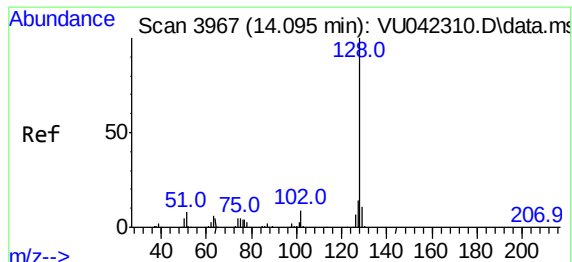
Tgt Ion: 75 Resp: 5761
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.0 39.0



#68
 1,2,4-trichlorobenzene
 Concen: 0.06 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042311.D
 Acq: 12 Feb 2021 10:22

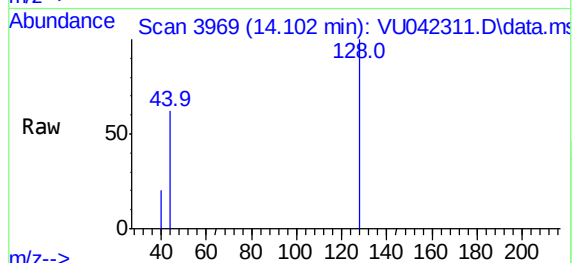
Tgt Ion: 180 Resp: 587
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.3 114.5
 145 11.6 23.7 35.5#





#69
Naphthalene
Concen: 0.10 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VU042311.D
Acq: 12 Feb 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VBLK20



Tgt Ion:128 Resp: 1382

Ion	Ratio	Lower	Upper
128	100		
129	1.4	8.7	13.1#
127	3.0	10.6	15.8#

