

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042139.D
 Acq On : 21 Jan 2021 10:23
 Operator : SY/MD
 Sample : VU0121WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Quant Time: Jan 22 02:44:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

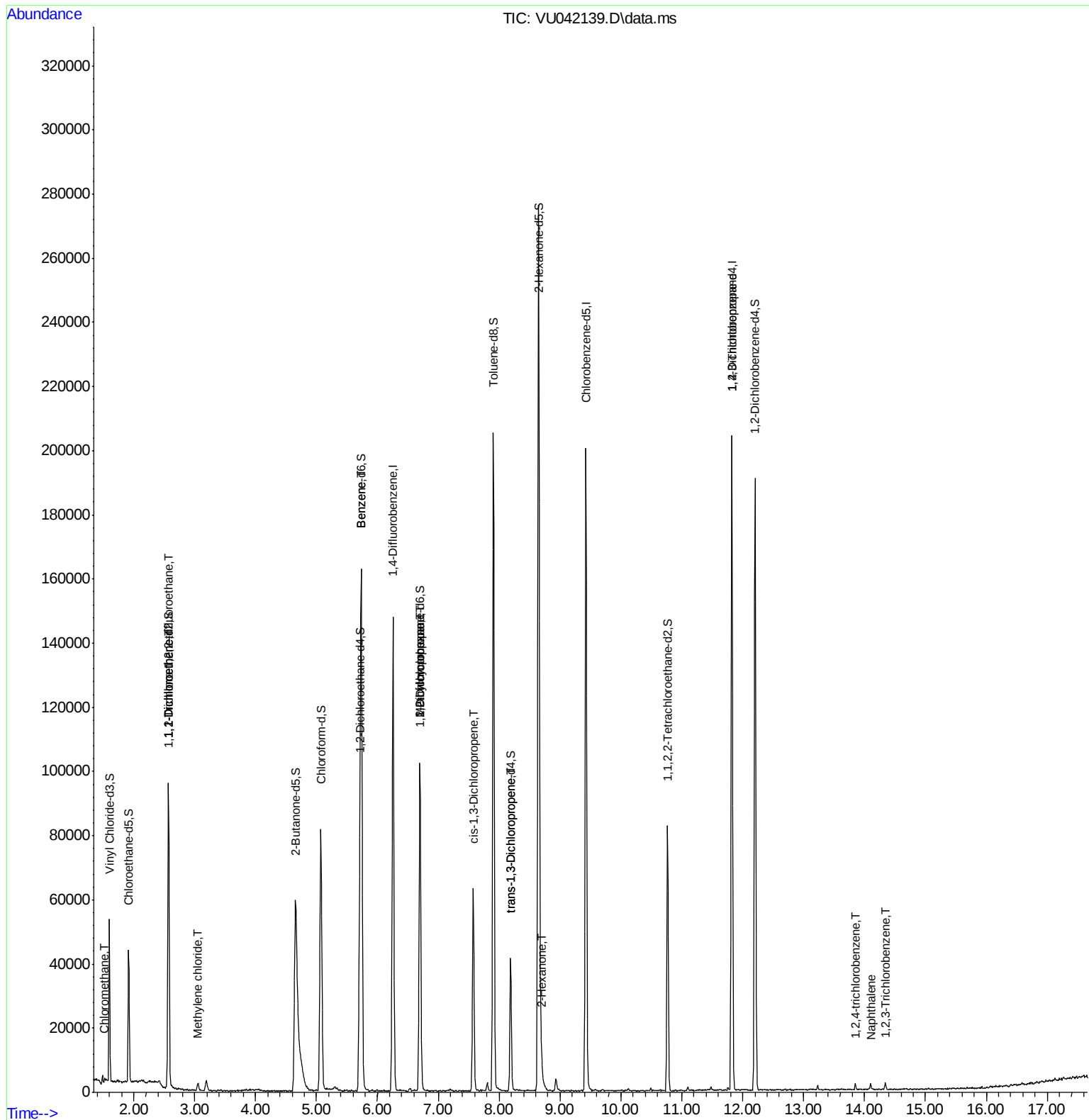
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	114933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	106236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	54108	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33075	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	89.20%		
7) Chloroethane-d5	1.916	69	27703	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.80%		
11) 1,1-Dichloroethene-d2	2.571	63	57291	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	70.20%		
20) 2-Butanone-d5	4.658	46	147854	54.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	109.30%		
24) Chloroform-d	5.073	84	73264	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.60%		
26) 1,2-Dichloroethane-d4	5.713	65	46846	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.20%		
32) Benzene-d6	5.735	84	138262	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.60%		
36) 1,2-Dichloropropane-d6	6.700	67	45289	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.20%		
41) Toluene-d8	7.906	98	126415	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.40%		
43) trans-1,3-Dichloroprop...	8.189	79	22416	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	98.80%		
46) 2-Hexanone-d5	8.645	63	105443	53.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	106.78%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39536	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	103.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	49431	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	101.80%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	881	0.09	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	393	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	462	0.06	ug/L #	1
16) Methylene chloride	3.054	84	1144	0.12	ug/L	89
33) Benzene	5.735	78	1095	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	10863	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	5368	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1535	0.11	ug/L #	75
44) trans-1,3-Dichloropropene	8.189	75	1003	0.08	ug/L #	71
48) 2-Hexanone	8.697	43	3620	0.74	ug/L #	82
59) 1,2,3-Trichloropropane	11.822	75	6330	1.09	ug/L	99
68) 1,2,4-trichlorobenzene	13.854	180	810	0.08	ug/L #	89
69) Naphthalene	14.102	128	2185	0.14	ug/L #	78
70) 1,2,3-Trichlorobenzene	14.343	180	927	0.10	ug/L #	88

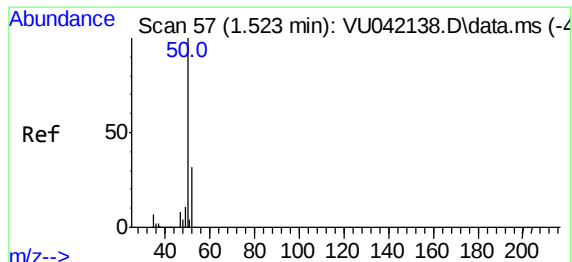
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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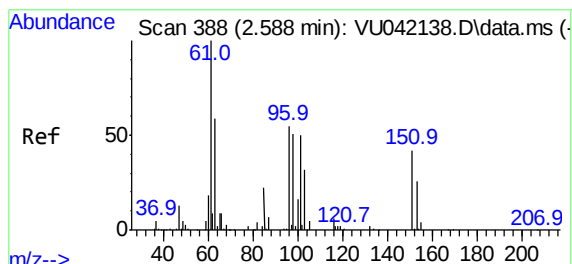
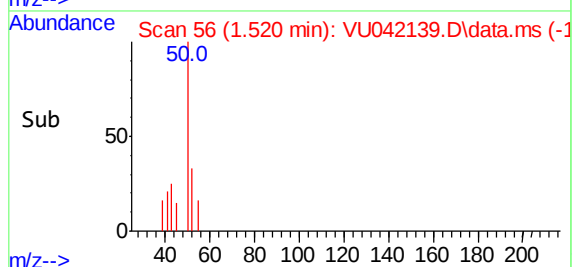
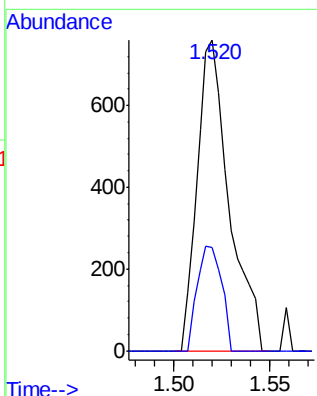
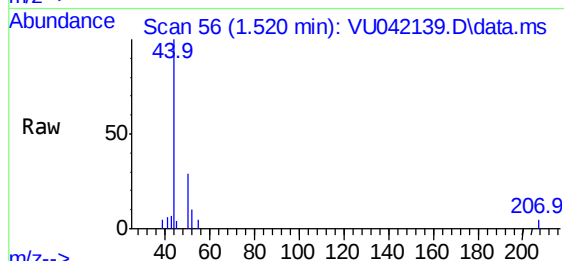




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

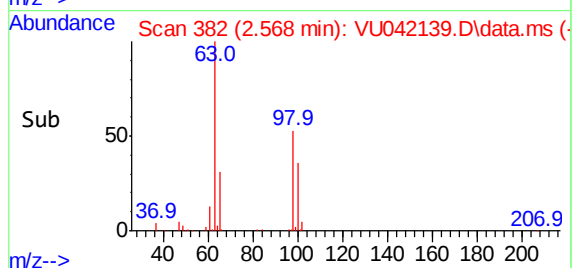
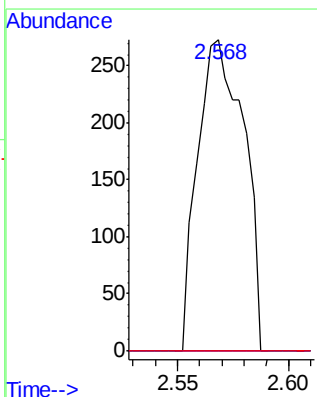
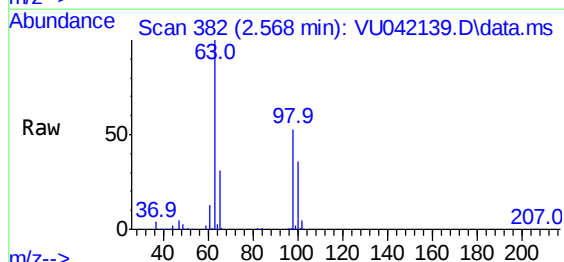
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

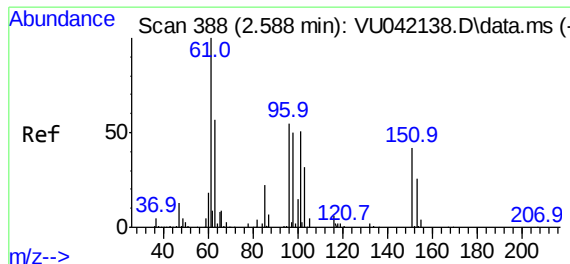
Tgt Ion: 50 Resp: 881
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion: 101 Resp: 393
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

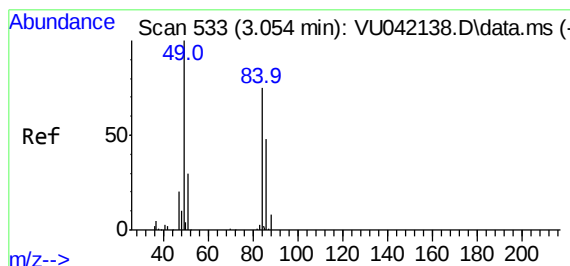
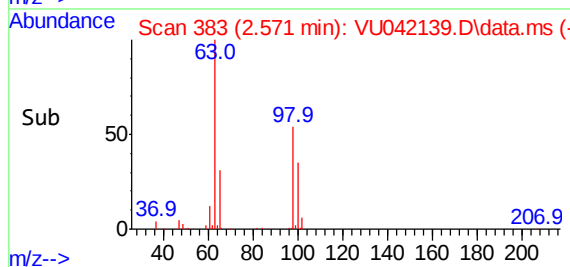
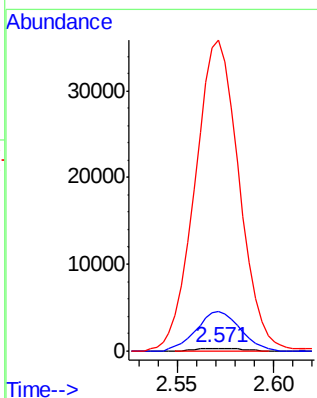
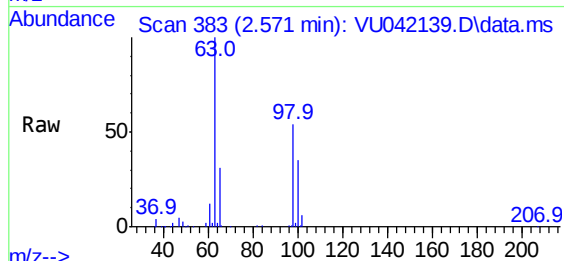




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

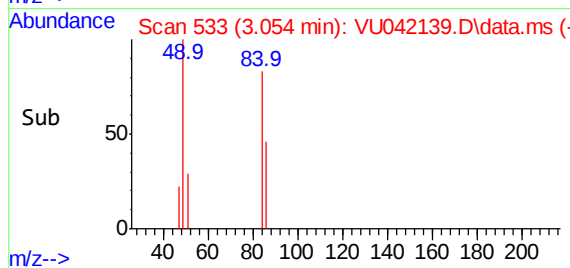
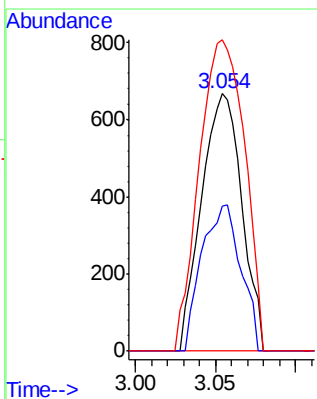
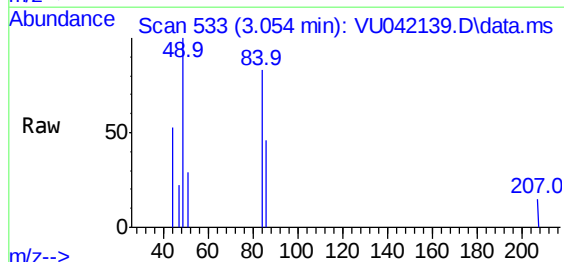
Instrument :
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ClientSampleId :
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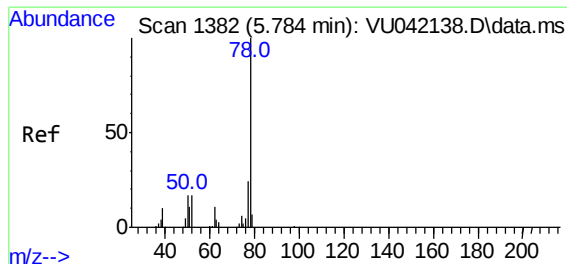
Tgt Ion: 96 Resp: 462
Ion Ratio Lower Upper
96 100
61 1553.5 126.2 234.4#
63 12447.2 77.8 144.4#



#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion: 84 Resp: 1144
Ion Ratio Lower Upper
84 100
86 56.1 44.1 81.9
49 121.1 95.0 176.4

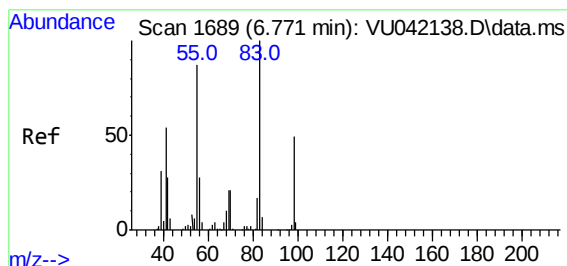
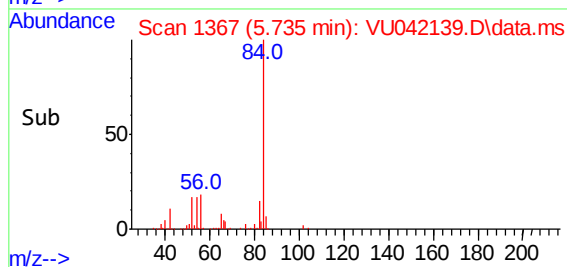
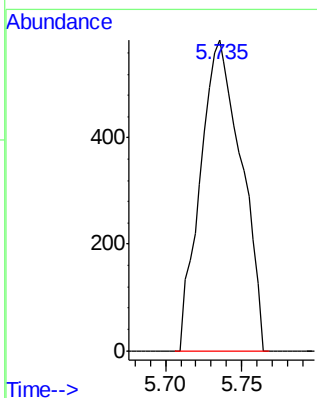
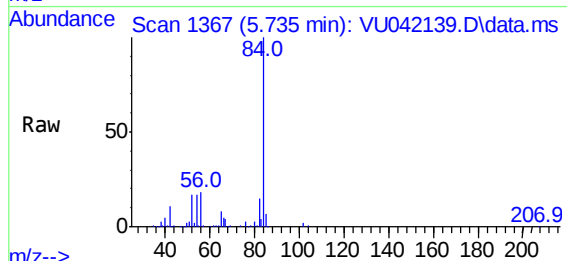




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

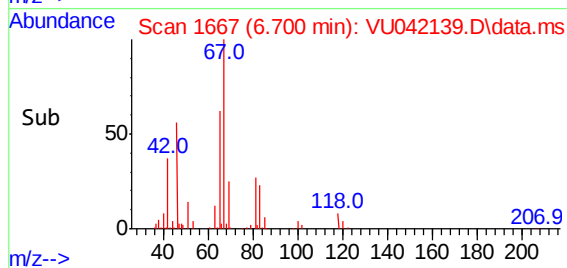
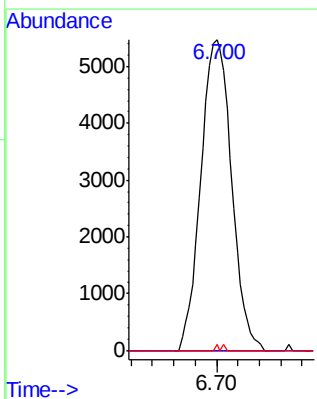
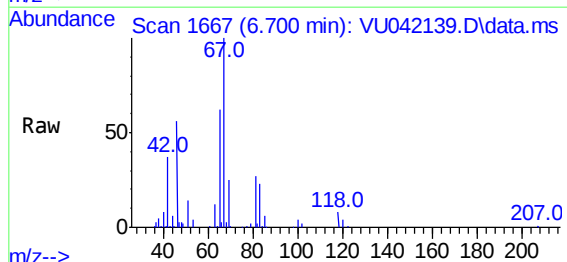
Tgt Ion: 78 Resp: 1095

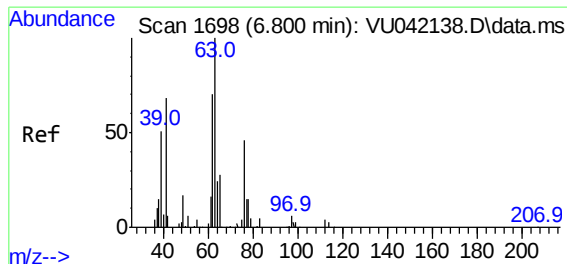


#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion: 83 Resp: 10863

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.4	39.7	59.5#

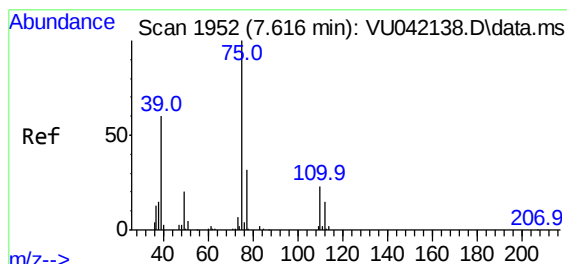
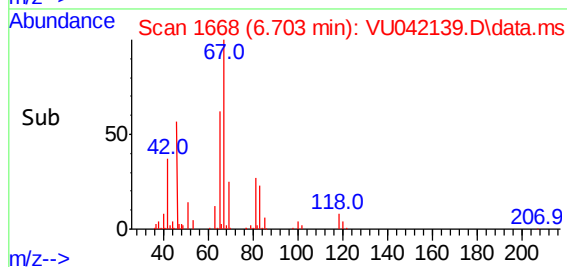
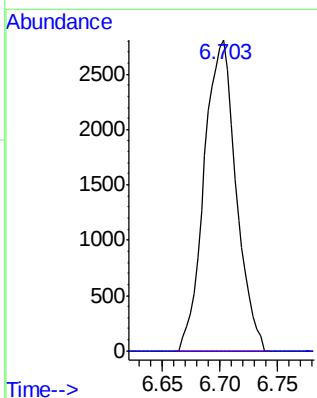
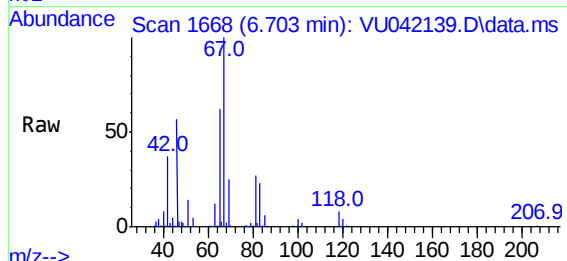




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

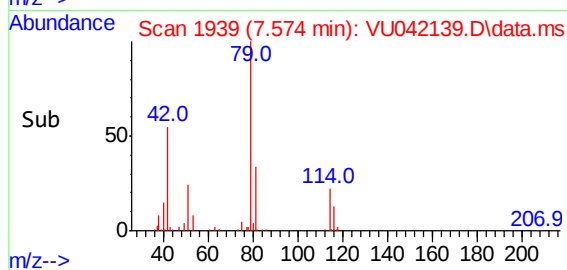
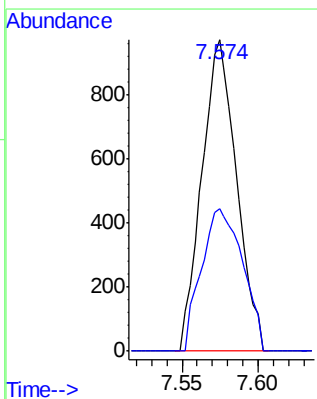
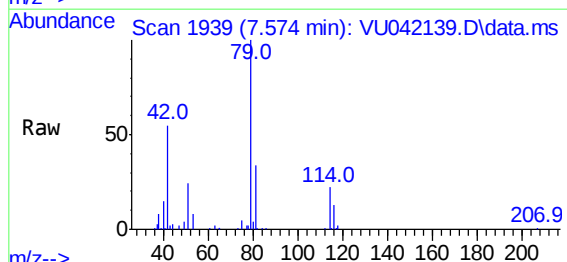
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

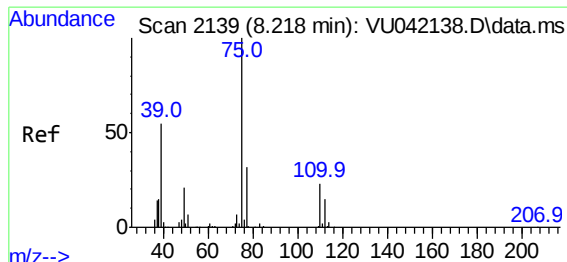
Tgt Ion: 63 Resp: 5368
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion: 75 Resp: 1535
Ion Ratio Lower Upper
75 100
77 45.5 22.0 40.8#



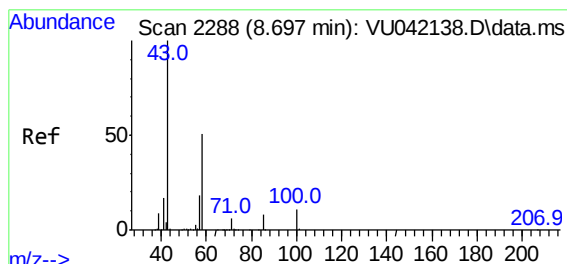
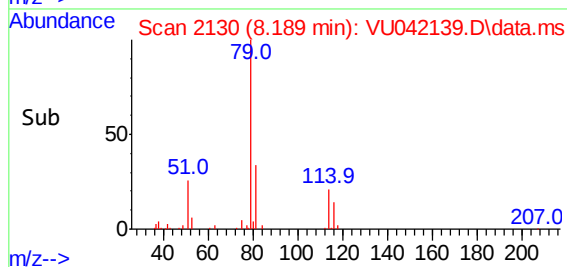
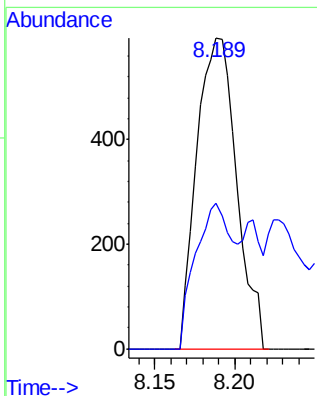
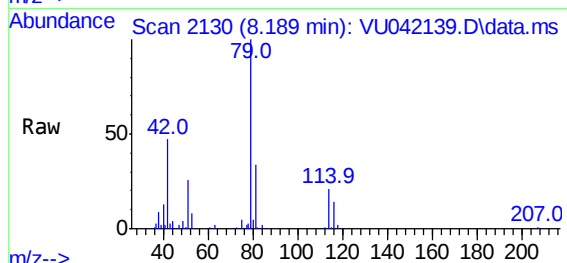


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Instrument :
MSVOA_U
ClientSampled :
VBLK23

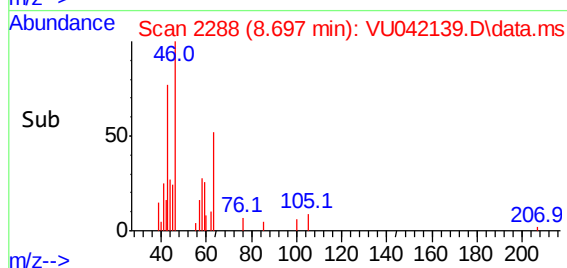
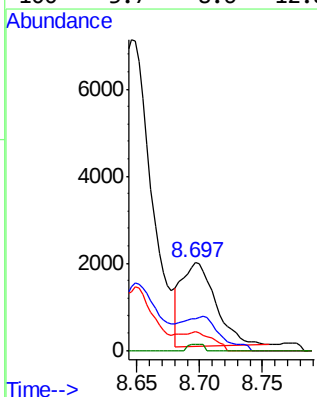
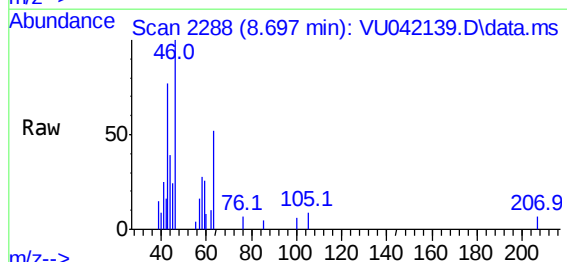
Tgt Ion: 75 Resp: 1003
Ion Ratio Lower Upper
75 100
77 47.0 21.8 40.4#

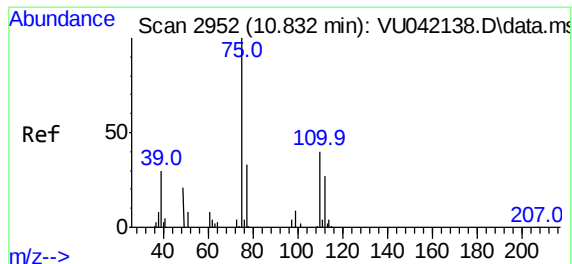


#48

2-Hexanone
Concen: 0.74 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion: 43 Resp: 3620
Ion Ratio Lower Upper
43 100
58 44.8 40.6 61.0
57 0.0 14.9 22.3#
100 3.7 8.6 12.8#

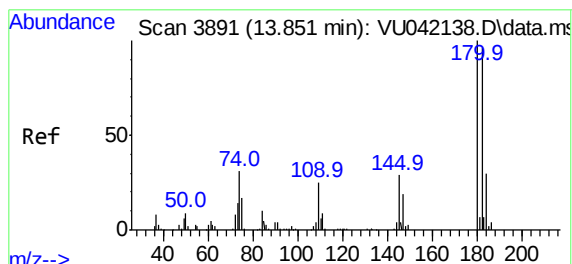
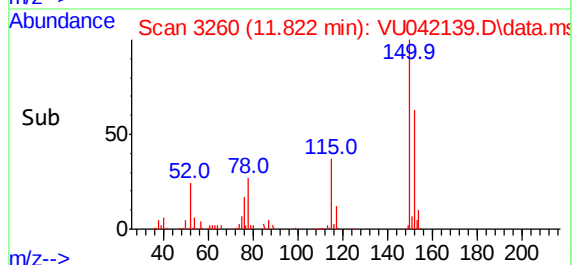
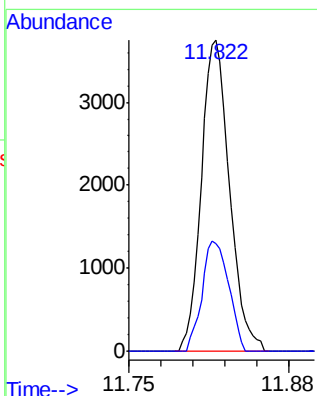
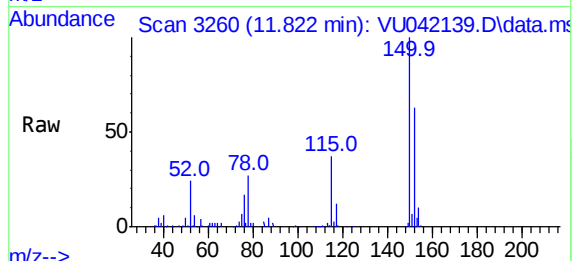




#59
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

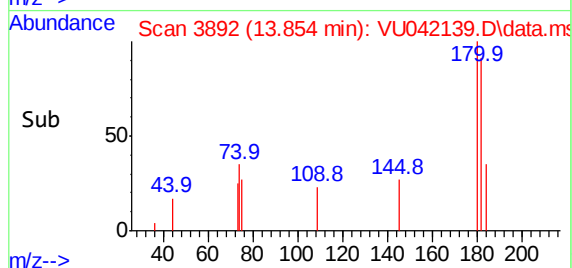
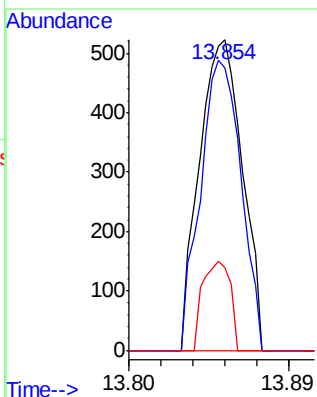
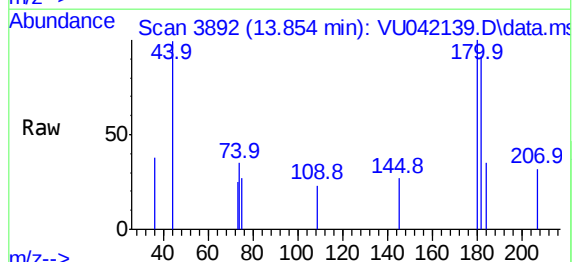
Instrument :
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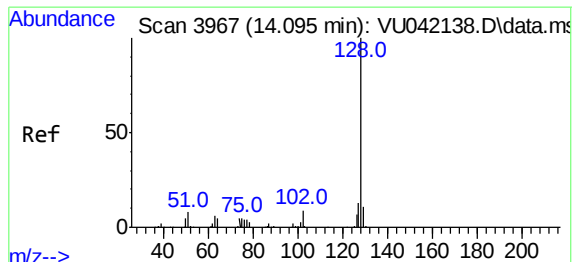
Tgt Ion: 75 Resp: 6330
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0



#68
1,2,4-trichlorobenzene
Concen: 0.08 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion:180 Resp: 810
Ion Ratio Lower Upper
180 100
182 88.0 76.3 114.5
145 18.4 23.7 35.5#

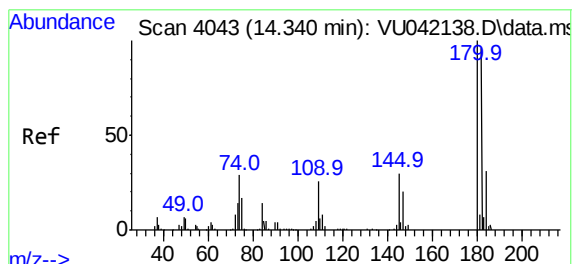
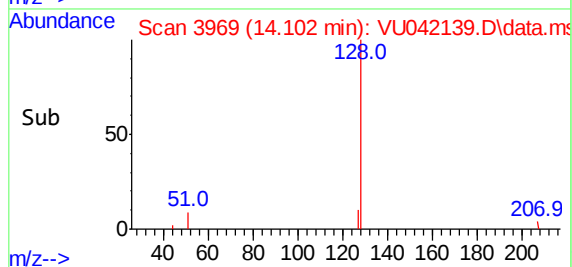
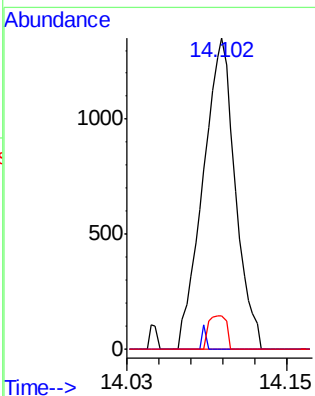
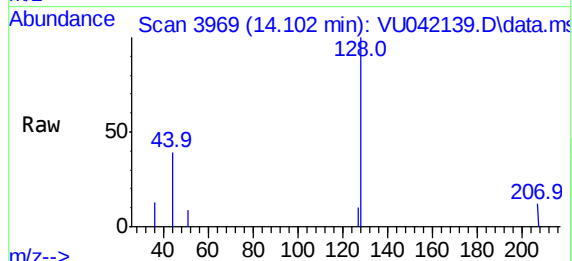




#69
Naphthalene
Concen: 0.14 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128 Resp: 2185
Ion Ratio Lower Upper
128 100
129 0.9 8.7 13.1#
127 5.9 10.6 15.8#



#70
1,2,3-Trichlorobenzene
Concen: 0.10 ug/L
RT: 14.343 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VU042139.D
Acq: 21 Jan 2021 10:23

Tgt Ion:180 Resp: 927
Ion Ratio Lower Upper
180 100
182 90.2 75.6 113.4
145 11.9 24.7 37.1#

