

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042038.D
 Acq On : 14 Jan 2021 17:09
 Operator : SY/MD
 Sample : VU0114WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK22

Quant Time: Jan 15 06:33:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

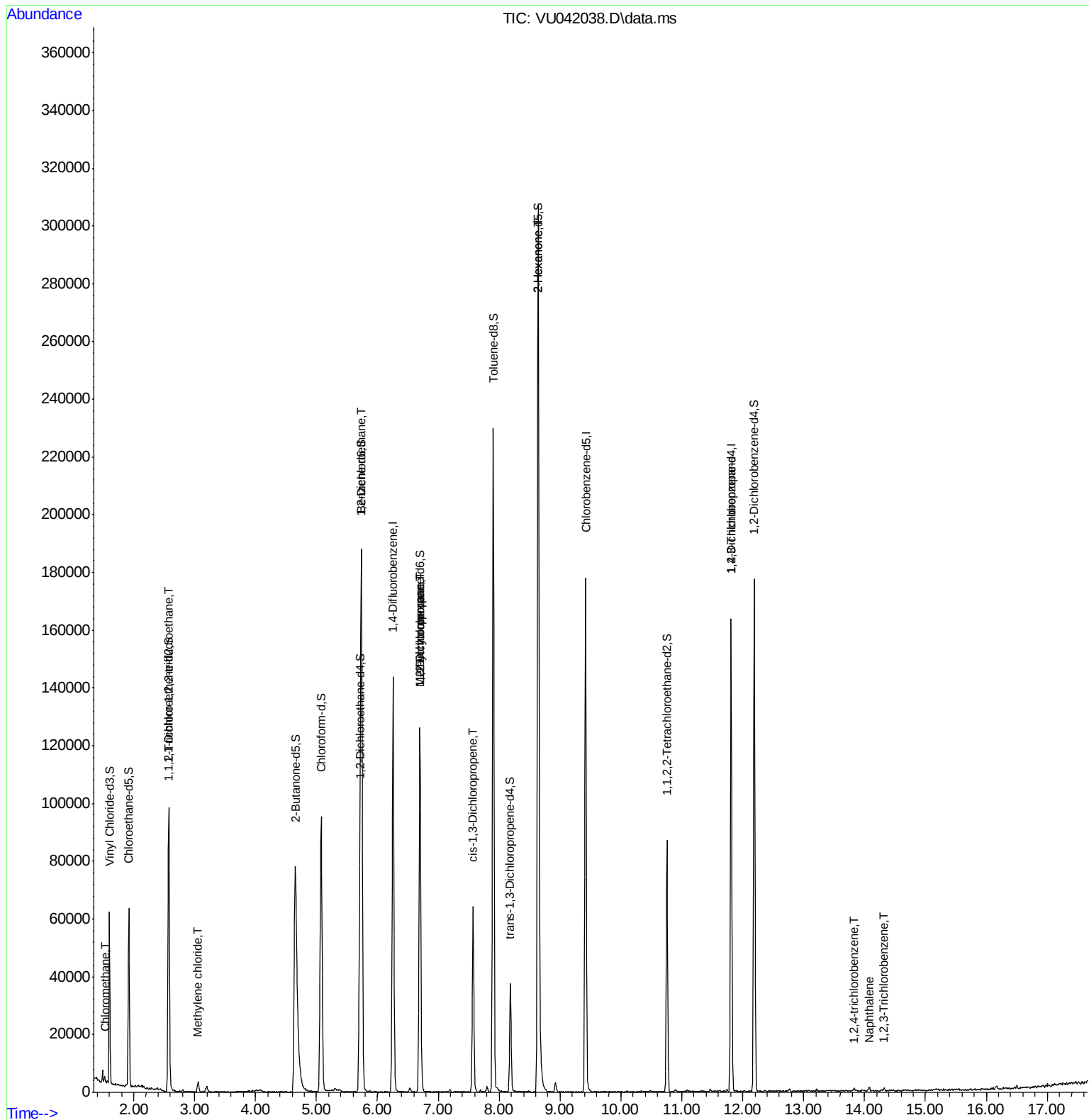
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	115474	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42852	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39371	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.919	69	41886	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.575	63	59263	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.652	46	162546	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	5.076	84	89585	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.713	65	51818	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.739	84	173808	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.700	67	63419	5.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.80%
41) Toluene-d8	7.903	98	154209	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloroprop...	8.182	79	23093	5.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.60%
46) 2-Hexanone-d5	8.639	63	121733	55.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43816	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	46337	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%
Target Compounds						
3) Chloromethane	1.523	50	1662	0.12	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	503	0.05	ug/L #	21
16) Methylene chloride	3.054	84	1577	0.15	ug/L	98
27) 1,2-Dichloroethane	5.732	62	916	0.08	ug/L #	75
35) Methylcyclohexane	6.697	83	14277	0.97	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	6374	0.66	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1452	0.10	ug/L #	57
48) 2-Hexanone	8.639	43	12896	2.88	ug/L #	67
59) 1,2,3-Trichloropropane	11.809	75	5561	0.88	ug/L	95
68) 1,2,4-trichlorobenzene	13.828	180	504	0.07	ug/L #	86
69) Naphthalene	14.082	128	1562	0.12	ug/L #	79
70) 1,2,3-Trichlorobenzene	14.320	180	650	0.09	ug/L #	77

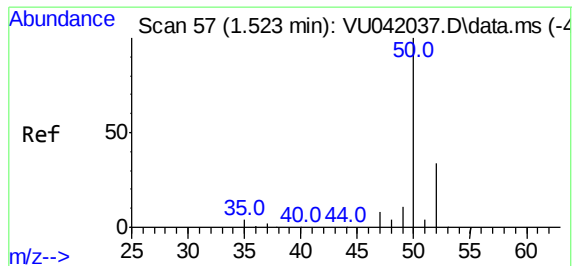
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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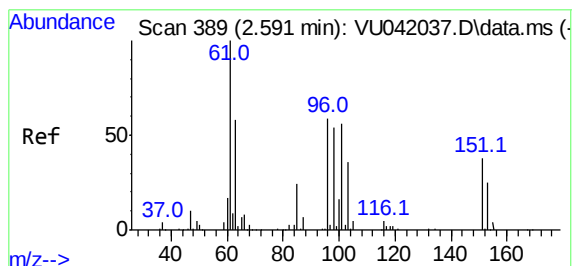
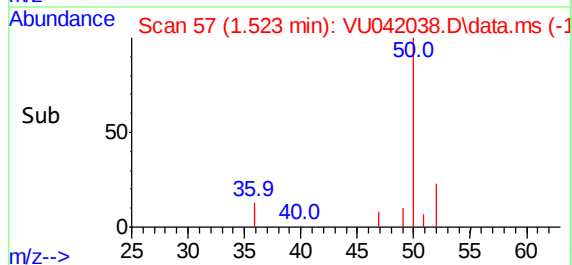
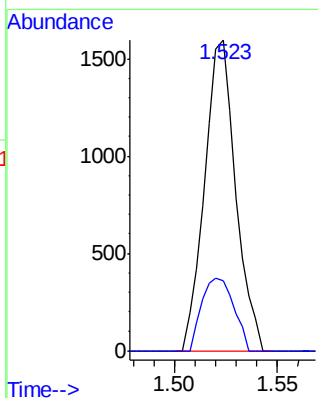
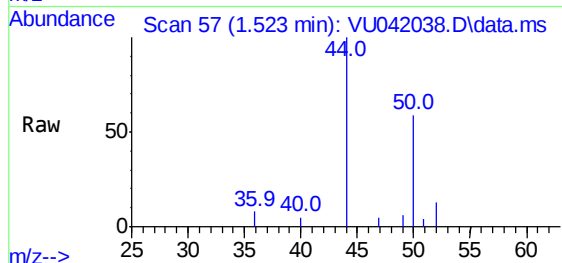




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

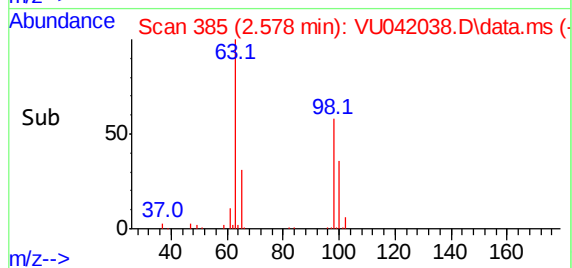
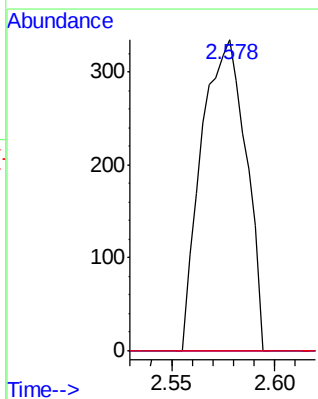
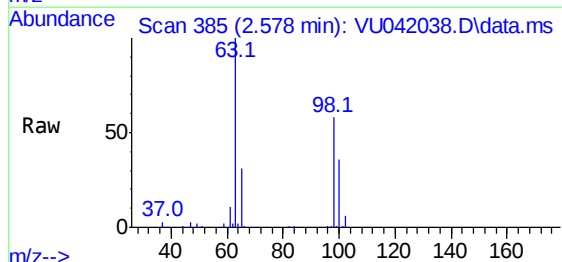
Instrument :
MSVOA_U
ClientSampleId :
VBLK22

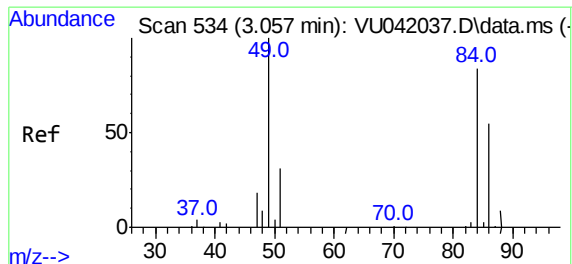
Tgt Ion: 50 Resp: 1662
Ion Ratio Lower Upper
50 100
52 22.7 23.5 43.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

Tgt Ion: 101 Resp: 503
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

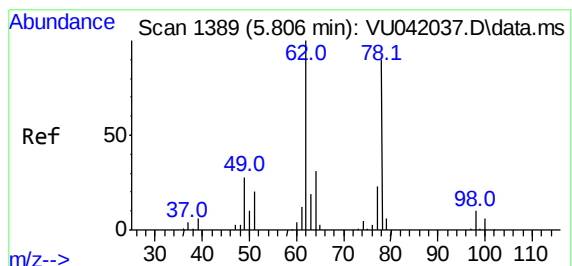
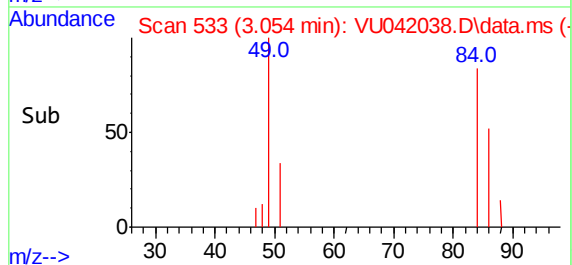
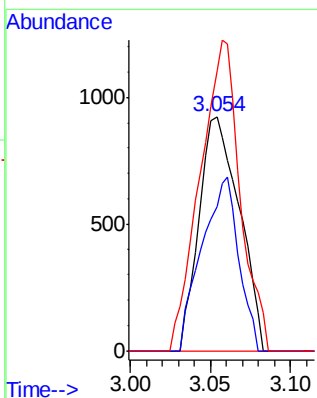
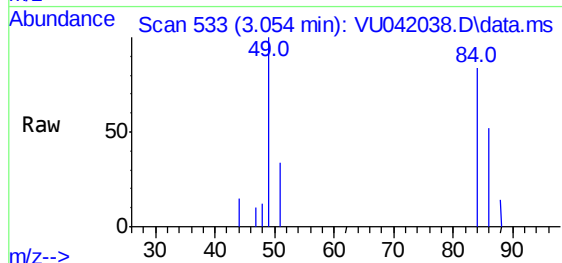




#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

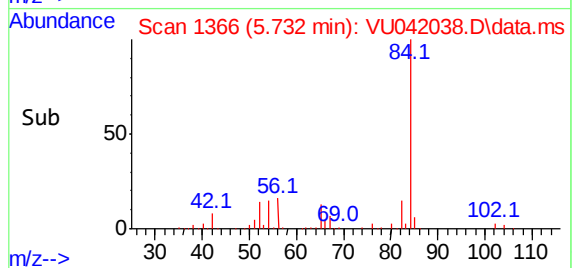
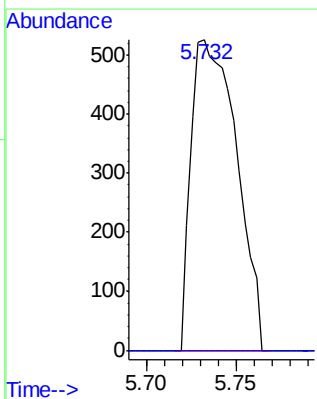
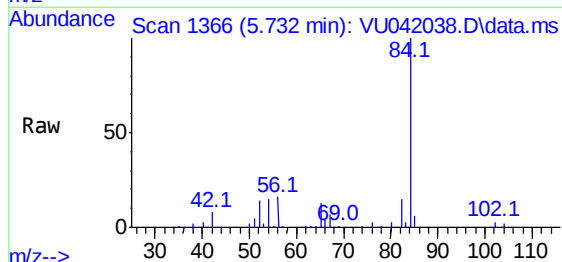
Instrument :
MSVOA_U
ClientSampleId :
VBLK22

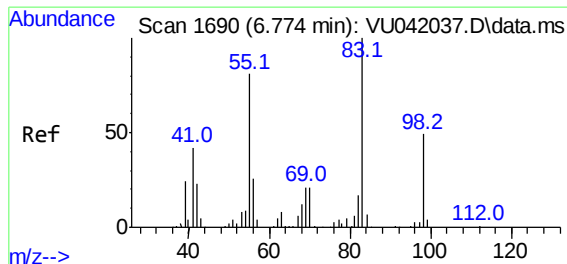
Tgt Ion: 84 Resp: 1577
Ion Ratio Lower Upper
84 100
86 61.8 42.6 79.0
49 119.7 86.2 160.0



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

Tgt Ion: 62 Resp: 916
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

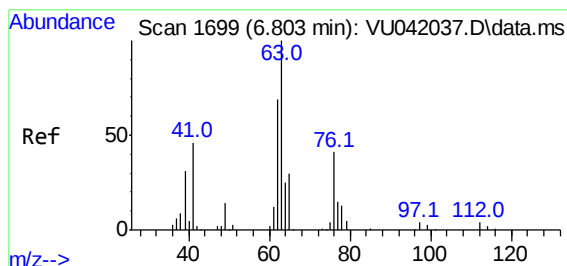
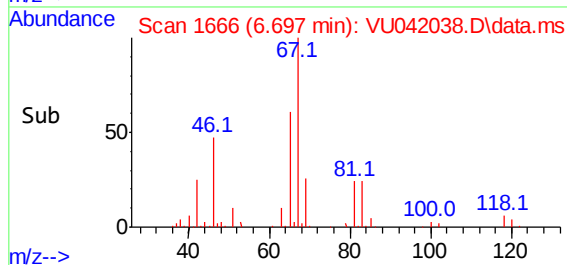
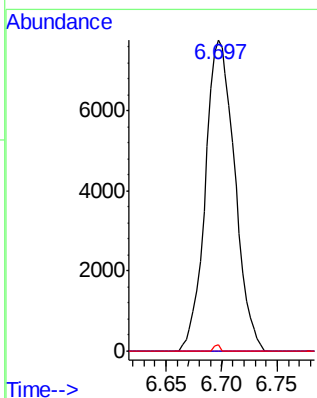
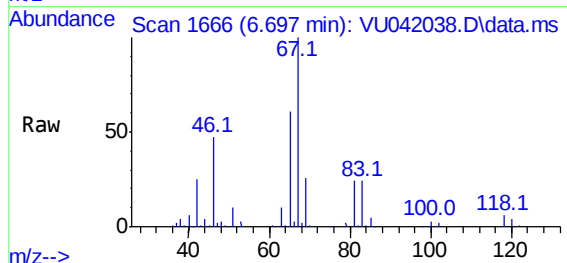




#35
Methylcyclohexane
Concen: 0.97 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

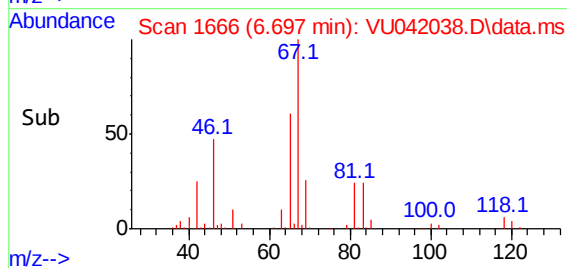
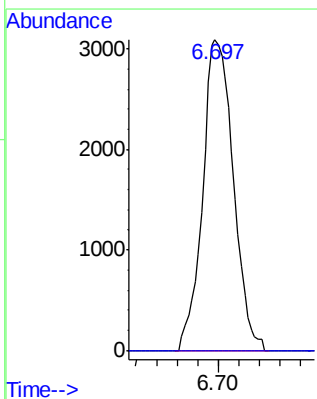
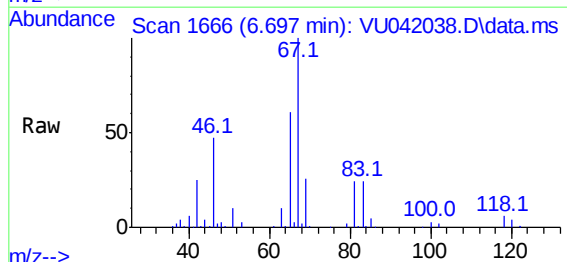
Instrument :
MSVOA_U
ClientSampleId :
VBLK22

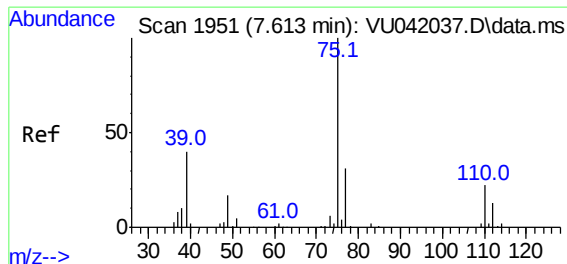
Tgt Ion: 83 Resp: 14277
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.4 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.106 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

Tgt Ion: 63 Resp: 6374
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

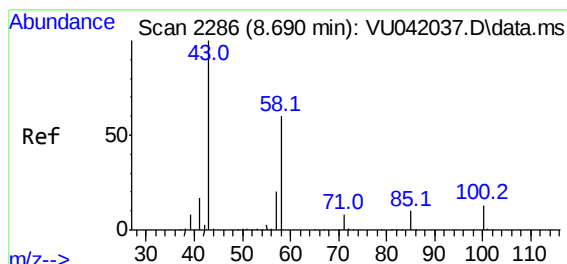
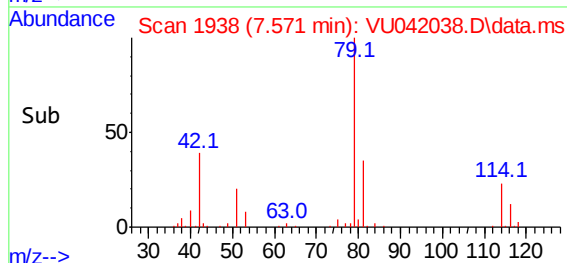
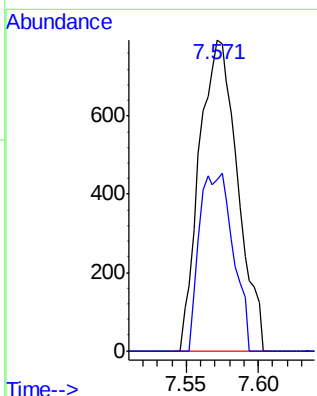
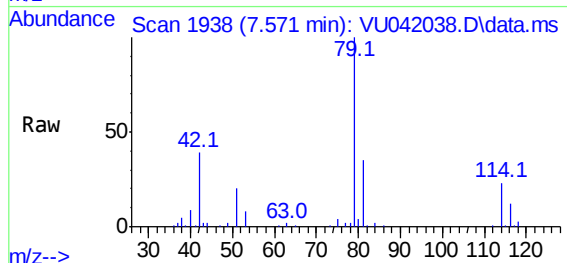




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU042038.D
 Acq: 14 Jan 2021 17:09

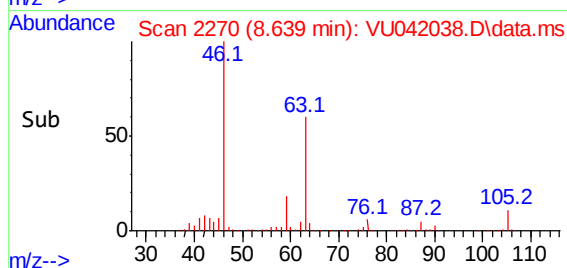
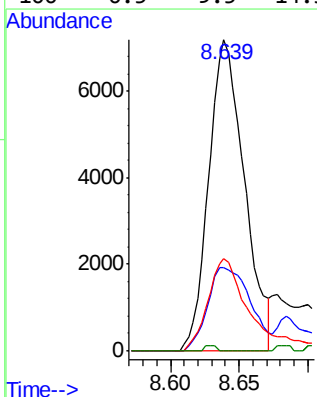
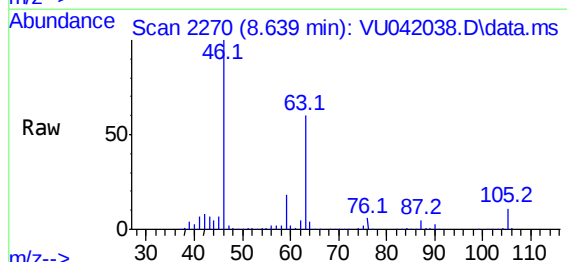
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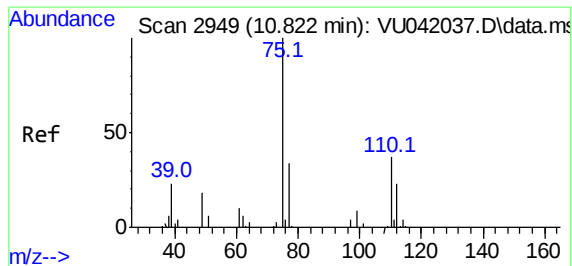
Tgt Ion: 75 Resp: 1452
 Ion Ratio Lower Upper
 75 100
 77 55.3 21.9 40.7#



#48
 2-Hexanone
 Concen: 2.88 ug/L
 RT: 8.639 min Scan# 2270
 Delta R.T. -0.051 min
 Lab File: VU042038.D
 Acq: 14 Jan 2021 17:09

Tgt Ion: 43 Resp: 12896
 Ion Ratio Lower Upper
 43 100
 58 32.3 47.8 71.8#
 57 34.4 17.4 26.0#
 100 0.5 9.5 14.3#

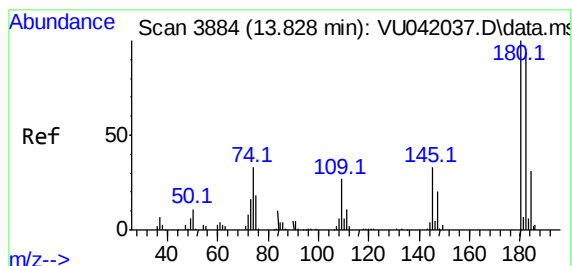
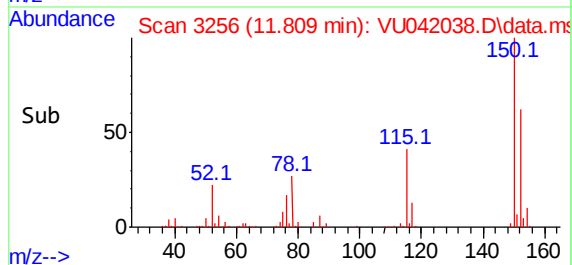
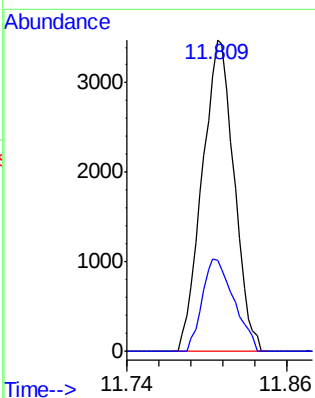
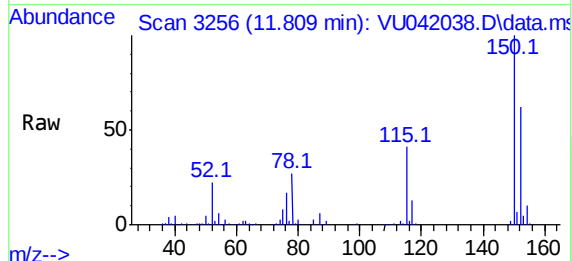




#59
 1,2,3-Trichloropropane
 Concen: 0.88 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042038.D
 Acq: 14 Jan 2021 17:09

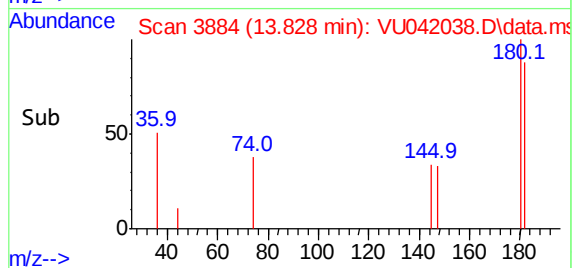
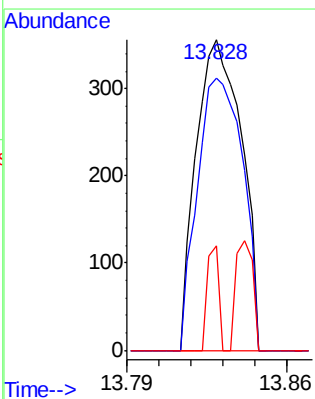
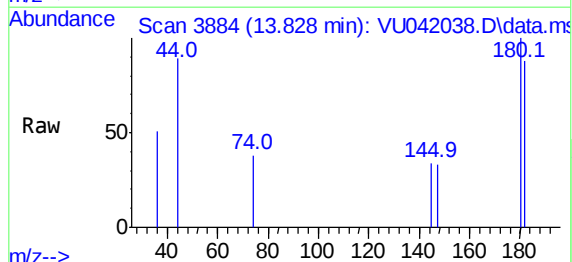
Instrument :
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 ClientSampled :
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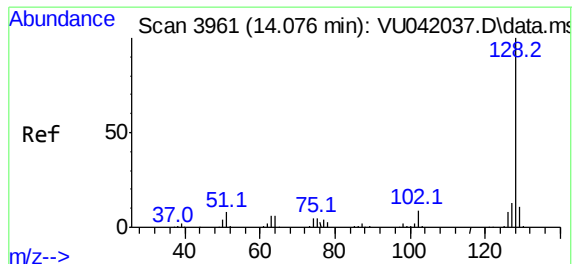
Tgt Ion: 75 Resp: 5561
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.6 38.4



#68
 1,2,4-trichlorobenzene
 Concen: 0.07 ug/L
 RT: 13.828 min Scan# 3884
 Delta R.T. 0.000 min
 Lab File: VU042038.D
 Acq: 14 Jan 2021 17:09

Tgt Ion: 180 Resp: 504
 Ion Ratio Lower Upper
 180 100
 182 87.9 73.8 110.8
 145 8.7 25.0 37.6#

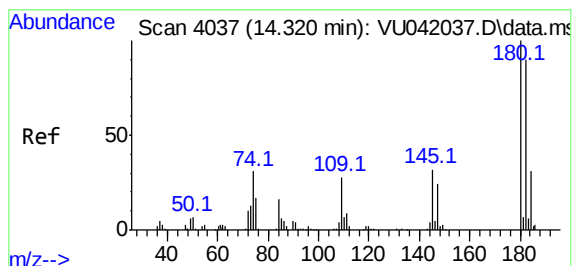
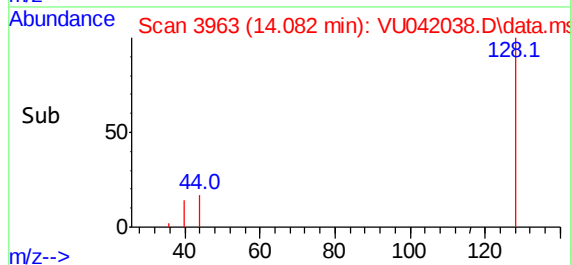
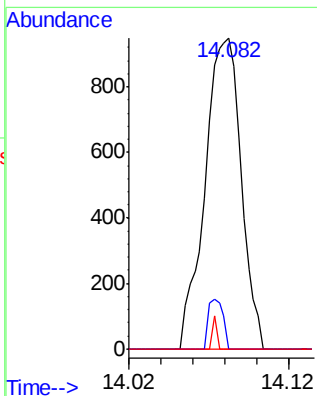
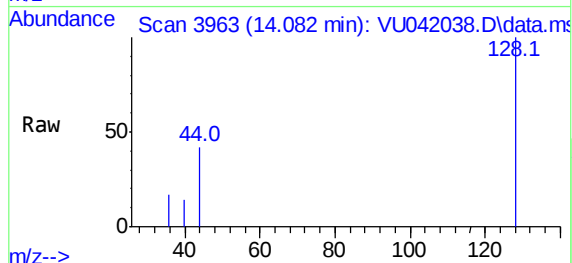




#69
Naphthalene
Concen: 0.12 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.006 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

Instrument :
MSVOA_U
ClientSampled :
VBLK22

Tgt Ion:128 Resp: 1562
Ion Ratio Lower Upper
128 100
129 6.7 8.7 13.1#
127 1.2 10.5 15.7#



#70
1,2,3-Trichlorobenzene
Concen: 0.09 ug/L
RT: 14.320 min Scan# 4037
Delta R.T. 0.000 min
Lab File: VU042038.D
Acq: 14 Jan 2021 17:09

Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 84.5 77.3 115.9
145 3.1 27.6 41.4#

