

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042061.D
 Acq On : 15 Jan 2021 10:19
 Operator : SY/MD
 Sample : VU0115WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Quant Time: Jan 16 01:06:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

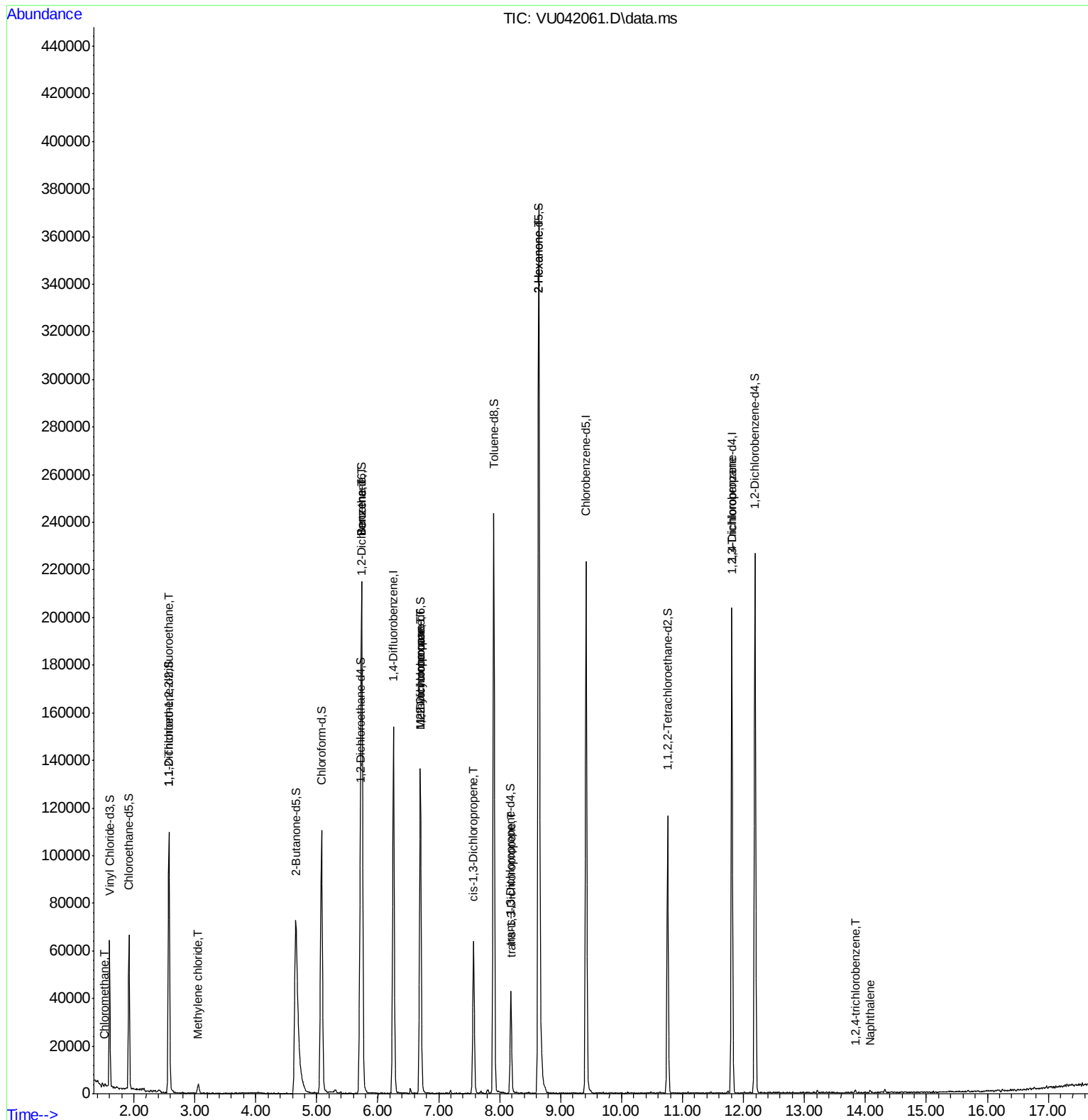
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	129390	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	127483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	56021	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41593	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	46368	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.575	63	64759	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.655	46	180490	55.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.16%
24) Chloroform-d	5.076	84	104291	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.713	65	59974	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.735	84	200872	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.697	67	67515	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.903	98	162404	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.182	79	25325	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.639	63	152270	54.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.36%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	59853	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	60237	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%
Target Compounds						
3) Chloromethane	1.520	50	805	0.05	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	723	0.07	ug/L #	21
16) Methylene chloride	3.057	84	2236	0.19	ug/L	84
27) 1,2-Dichloroethane	5.729	62	587	0.05	ug/L #	75
33) Benzene	5.735	78	1594	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	15101	0.81	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	7278	0.59	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1454	0.08	ug/L #	77
44) trans-1,3-Dichloropropene	8.189	75	967	0.06	ug/L #	67
48) 2-Hexanone	8.639	43	15749	2.75	ug/L #	65
59) 1,2,3-Trichloropropane	11.806	75	6421	0.80	ug/L	93
68) 1,2,4-trichlorobenzene	13.832	180	589	0.06	ug/L #	88
69) Naphthalene	14.079	128	1158	0.07	ug/L #	75

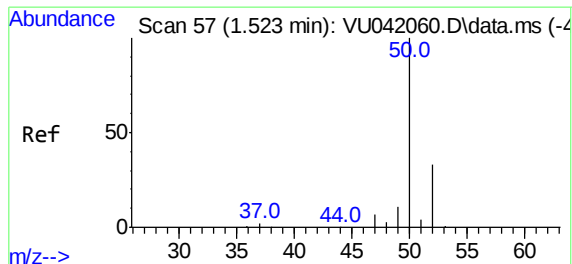
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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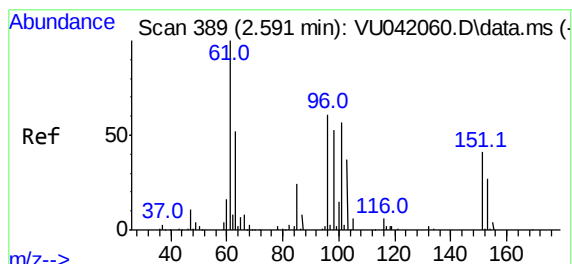
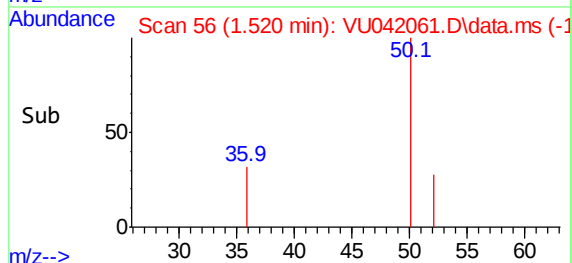
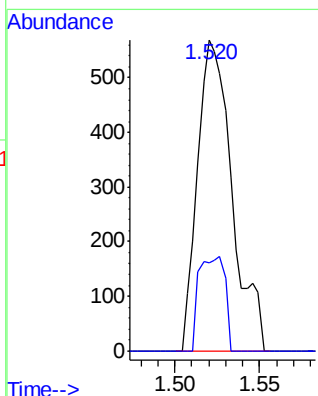
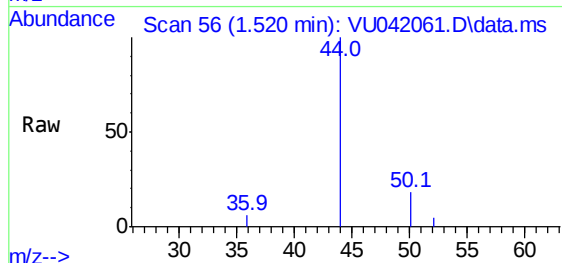




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

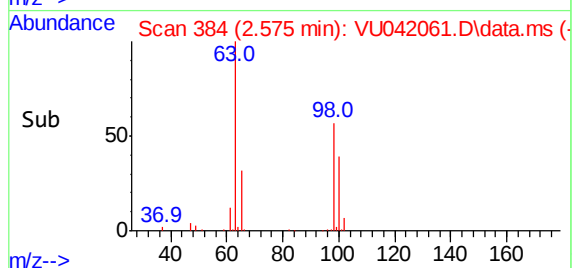
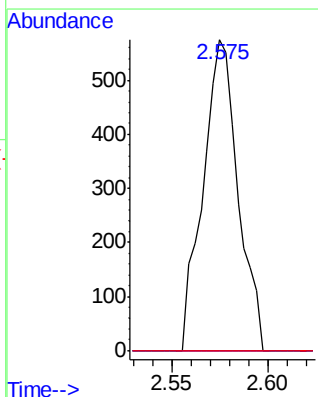
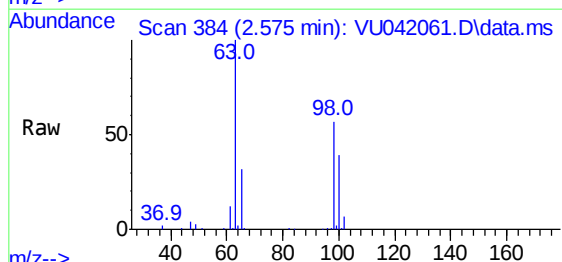
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

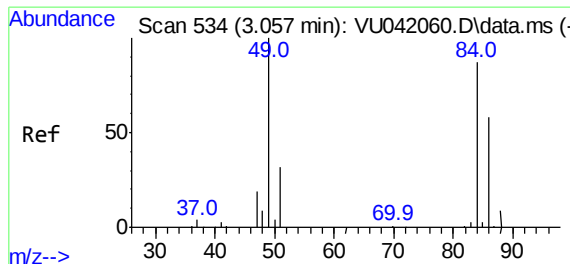
Tgt Ion: 50 Resp: 805
Ion Ratio Lower Upper
50 100
52 28.3 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Tgt Ion:101 Resp: 723
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

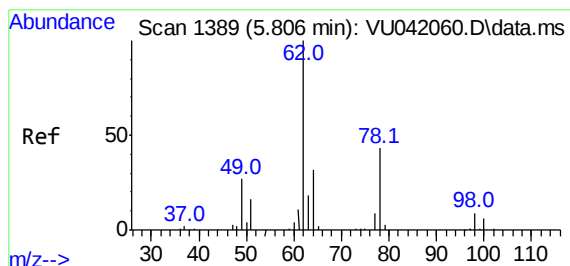
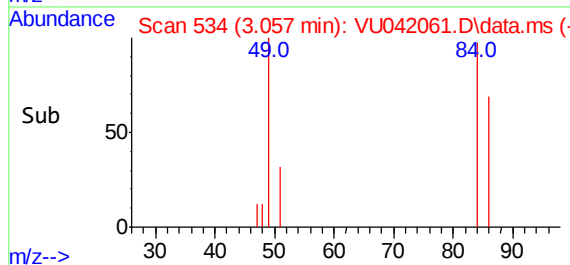
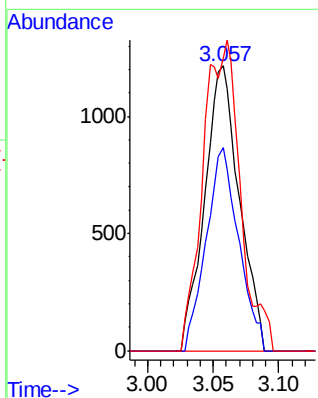
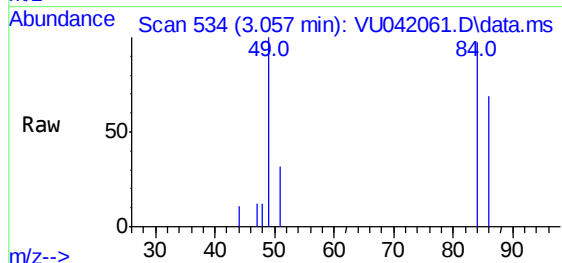




#16
Methylene chloride
Concen: 0.19 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

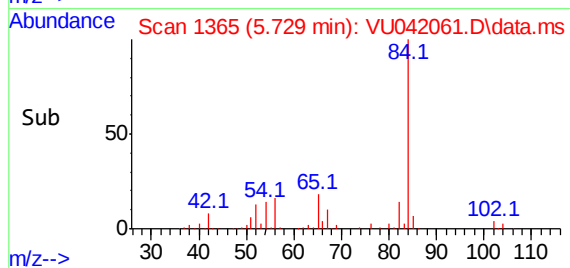
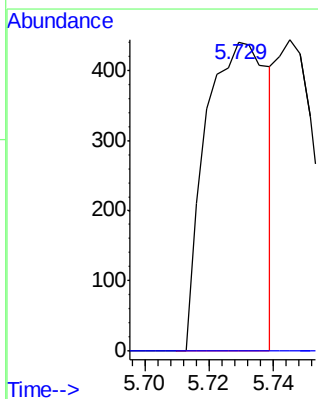
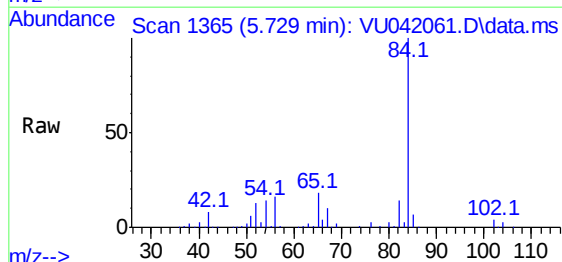
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

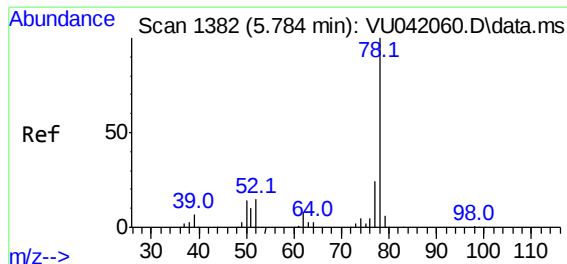
Tgt Ion: 84 Resp: 2236
Ion Ratio Lower Upper
84 100
86 71.1 42.6 79.0
49 102.9 86.2 160.0



#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.077 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Tgt Ion: 62 Resp: 587
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

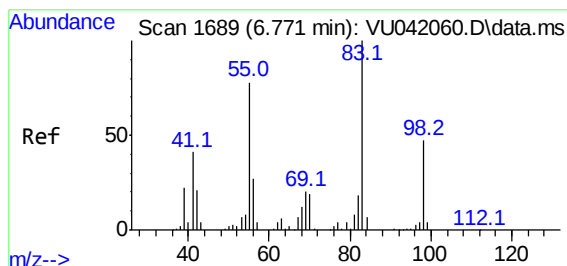
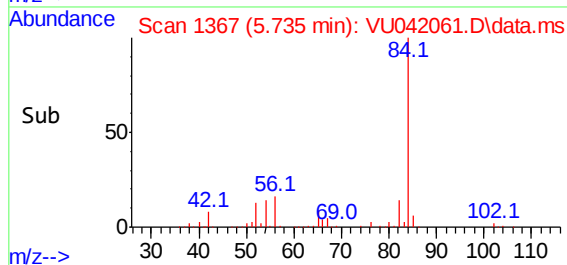
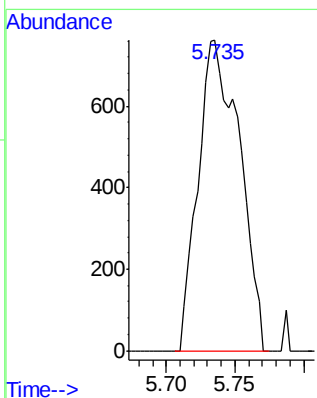
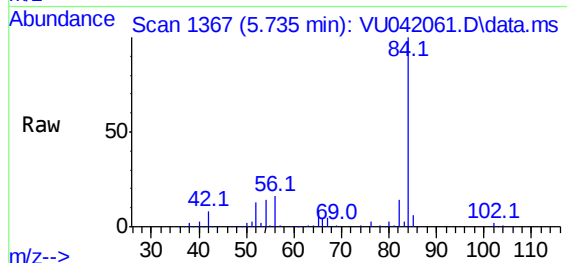




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

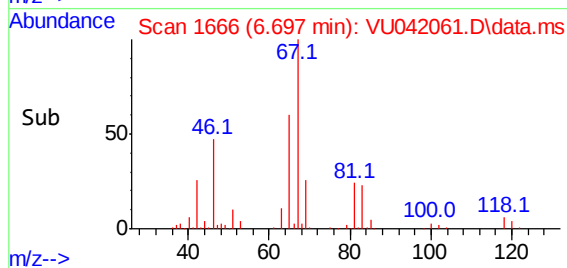
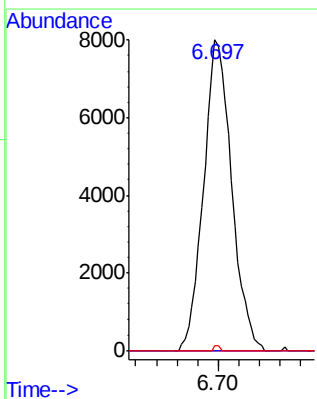
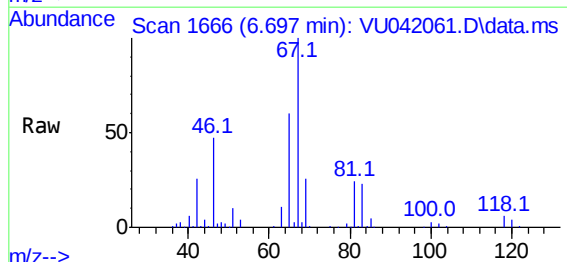
Tgt Ion: 78 Resp: 1594

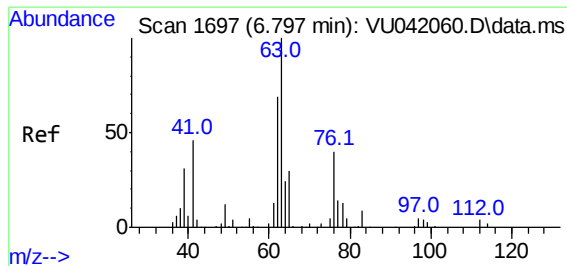


#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Tgt Ion: 83 Resp: 15101

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.3	35.7	53.5#

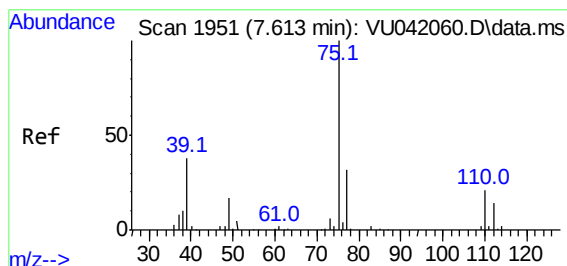
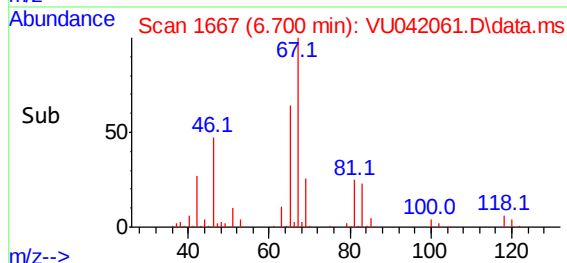
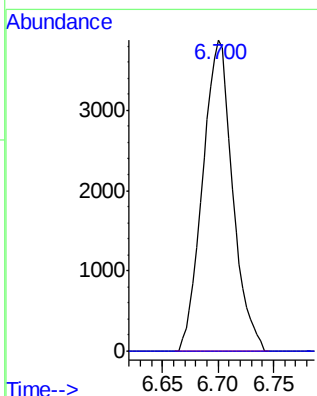
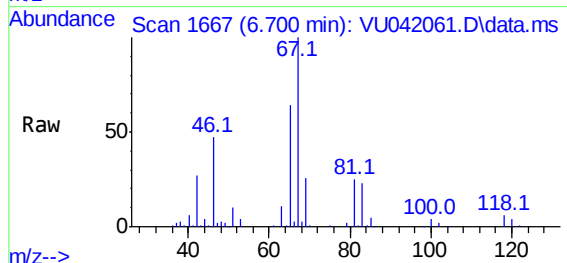




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.096 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

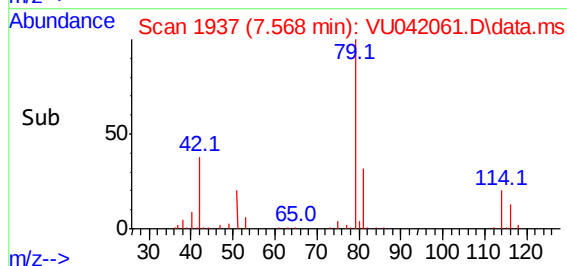
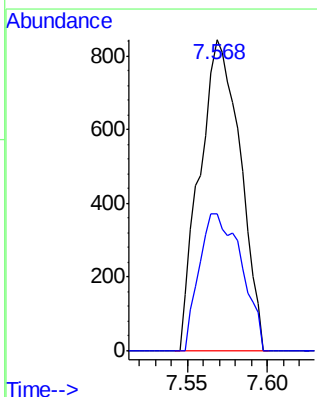
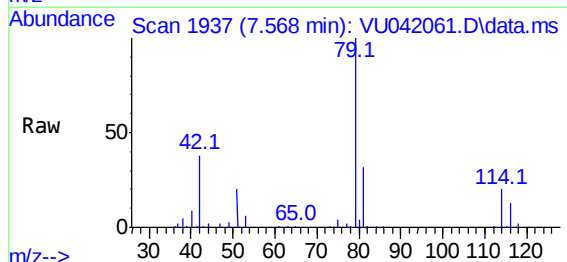
Instrument :
MSVOA_U
ClientSampled :
VBLK23

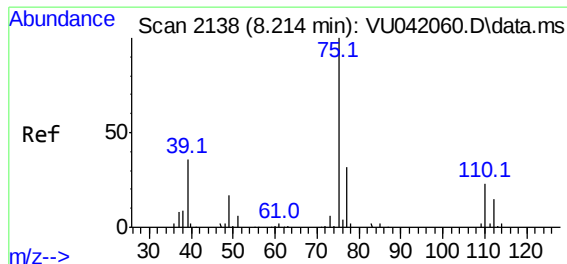
Tgt Ion: 63 Resp: 7278
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Tgt Ion: 75 Resp: 1454
Ion Ratio Lower Upper
75 100
77 43.8 21.9 40.7#



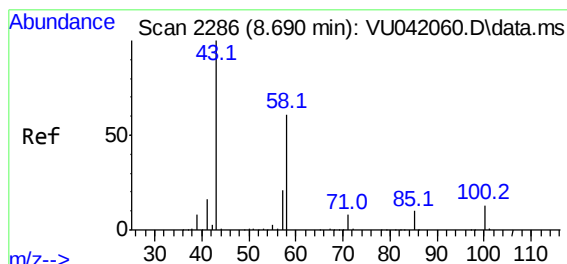
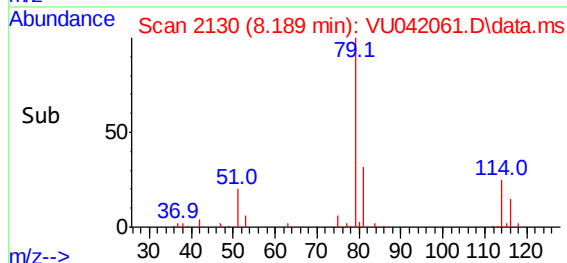
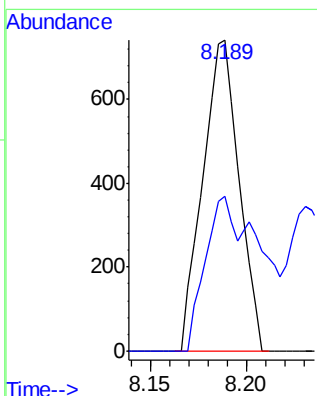
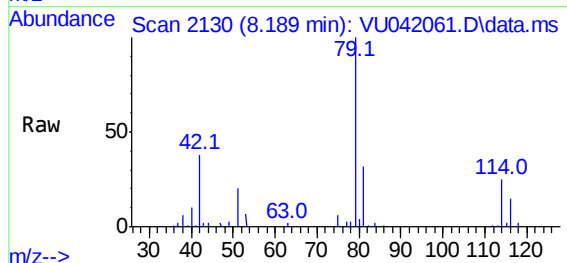


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

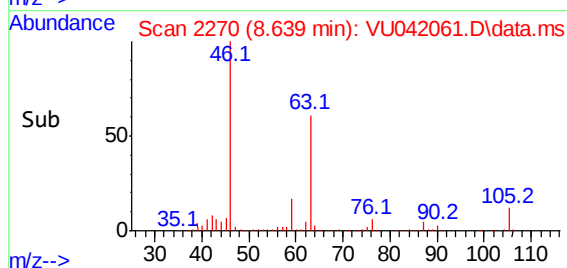
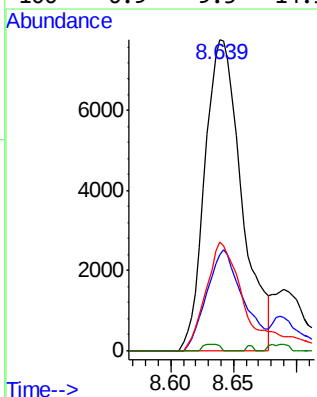
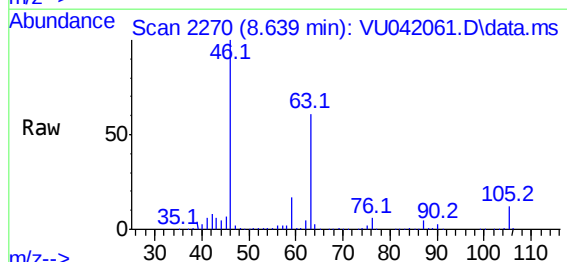
Tgt Ion: 75 Resp: 967
Ion Ratio Lower Upper
75 100
77 49.6 22.0 41.0#

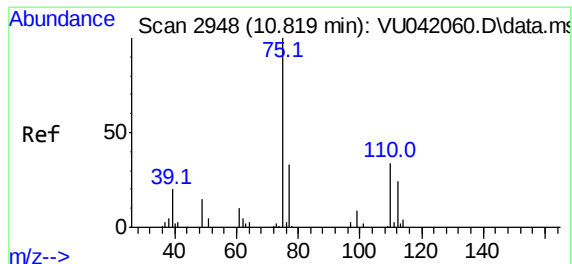


#48

2-Hexanone
Concen: 2.75 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Tgt Ion: 43 Resp: 15749
Ion Ratio Lower Upper
43 100
58 32.7 47.8 71.8#
57 38.1 17.4 26.0#
100 0.9 9.5 14.3#

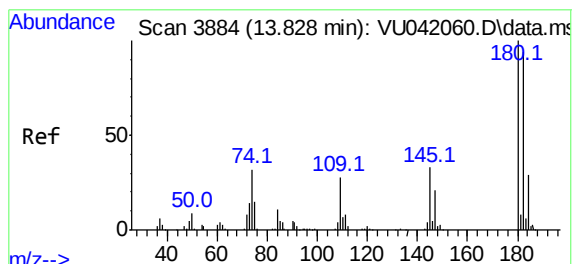
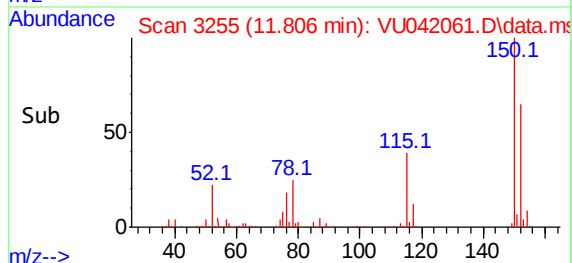
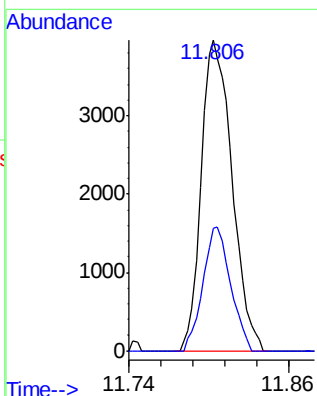
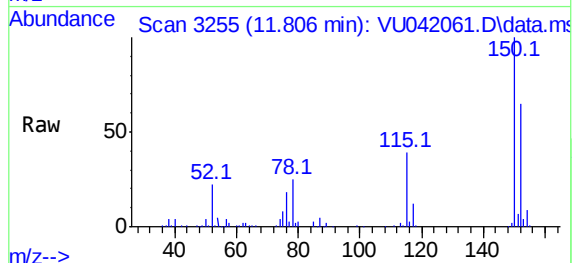




#59
1,2,3-Trichloropropane
Concen: 0.80 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

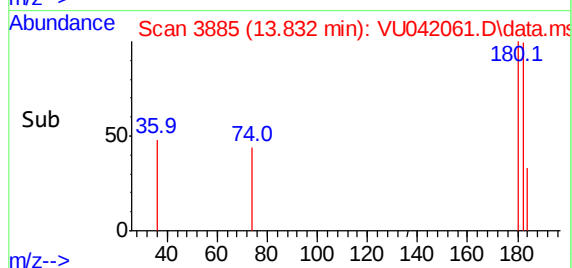
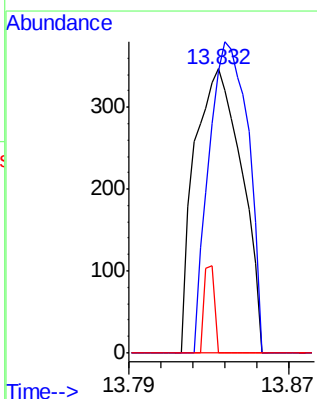
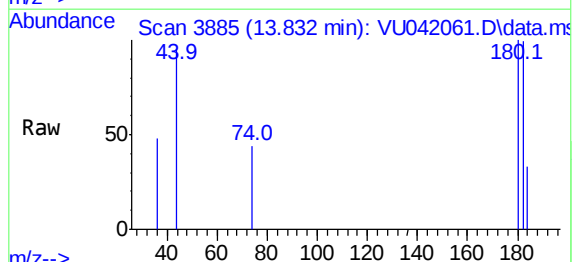
Instrument :
MSVOA_U
ClientSampled :
VBLK23

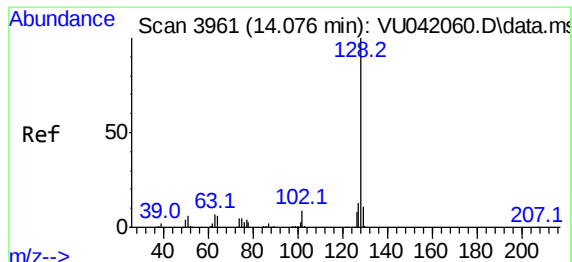
Tgt Ion: 75 Resp: 6421
Ion Ratio Lower Upper
75 100
77 35.7 25.6 38.4



#68
1,2,4-trichlorobenzene
Concen: 0.06 ug/L
RT: 13.832 min Scan# 3885
Delta R.T. 0.003 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

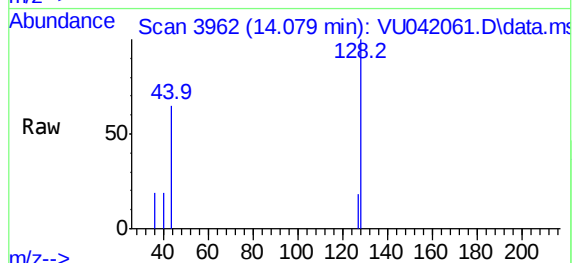
Tgt Ion: 180 Resp: 589
Ion Ratio Lower Upper
180 100
182 91.2 73.8 110.8
145 6.8 25.0 37.6#





#69
Naphthalene
Concen: 0.07 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VU042061.D
Acq: 15 Jan 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK23



Tgt Ion:128 Resp: 1158

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	4.2	10.5	15.7#

