

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042040.D
 Acq On : 14 Jan 2021 18:48
 Operator : SY/MD
 Sample : M1027-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jan 15 06:34:06 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)

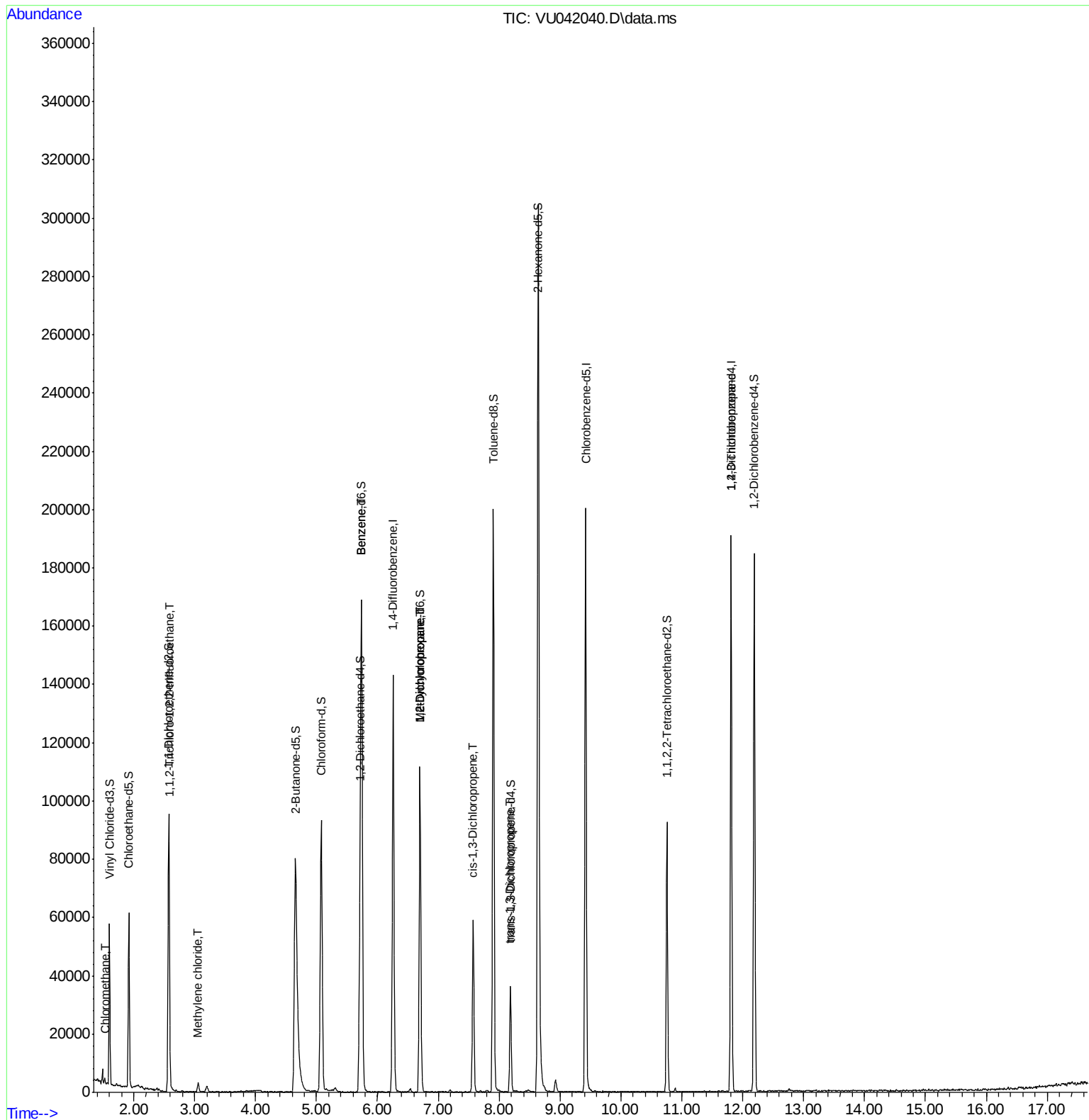
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	116441	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	51307	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37712	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.919	69	42176	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.575	63	59547	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.655	46	160027	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	5.079	84	88571	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.716	65	46716	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.738	84	157984	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.700	67	55129	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.902	98	135937	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.185	79	21437	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.642	63	121370	48.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	46726	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	47898	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%
Target Compounds						
3) Chloromethane	1.523	50	1219	0.09	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	460	0.05	ug/L #	21
16) Methylene chloride	3.057	84	1534	0.14	ug/L	96
33) Benzene	5.738	78	1184	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	12569	0.75	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5606	0.51	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1466	0.09	ug/L #	51
44) trans-1,3-Dichloropropene	8.182	75	873	0.06	ug/L #	40
59) 1,2,3-Trichloropropane	11.809	75	5764	0.79	ug/L	92

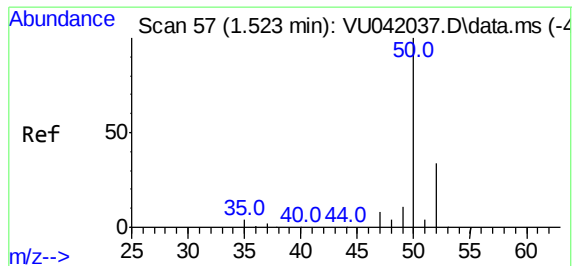
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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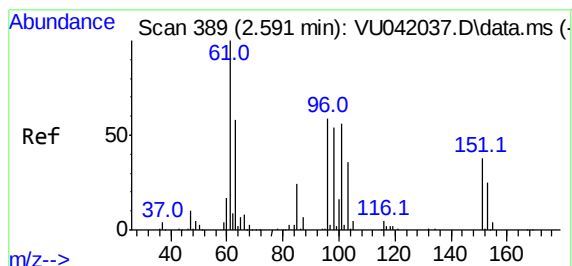
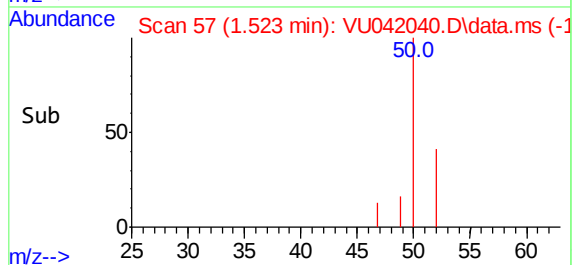
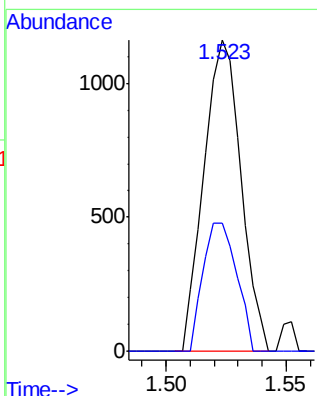
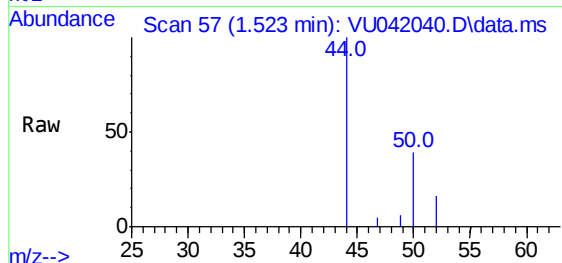




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

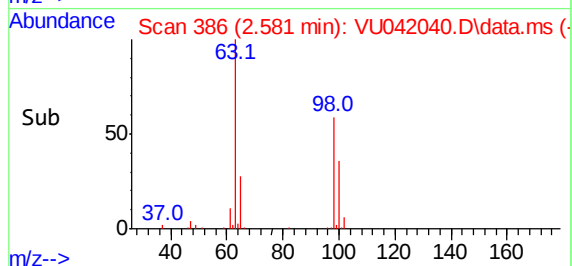
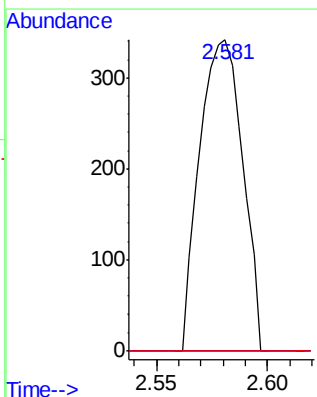
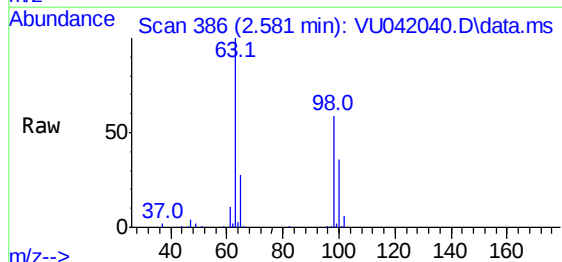
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

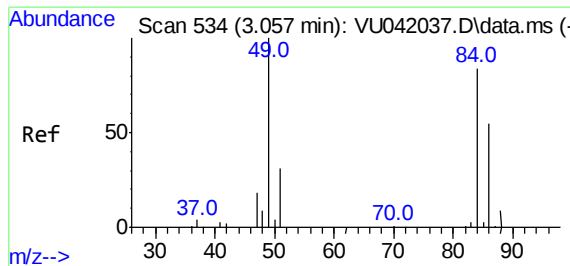
Tgt Ion: 50 Resp: 1219
Ion Ratio Lower Upper
50 100
52 41.3 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

Tgt Ion: 101 Resp: 460
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

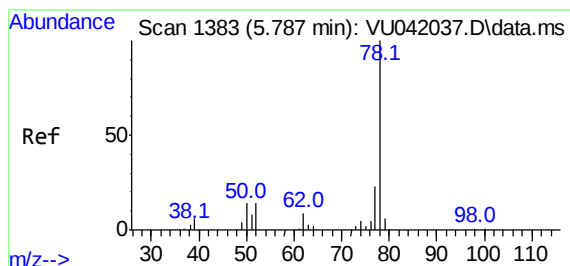
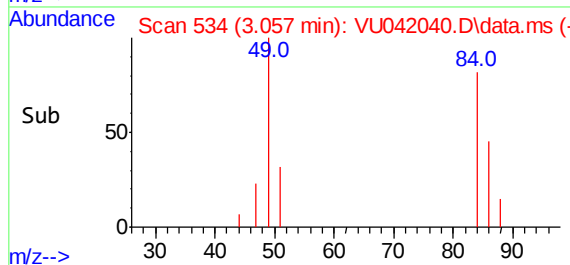
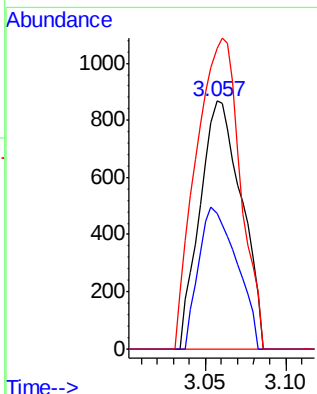
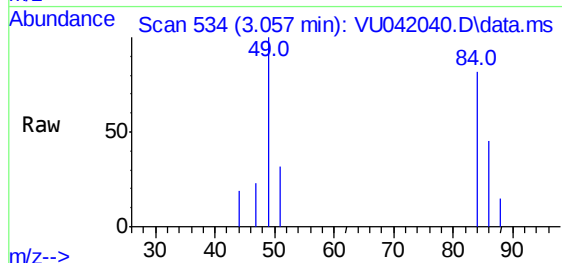




#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

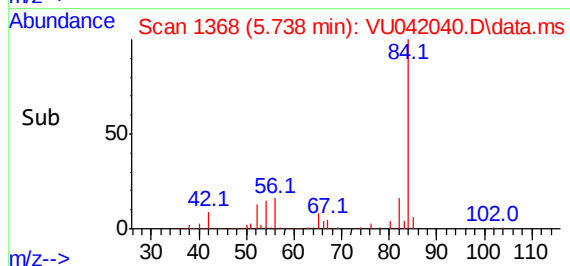
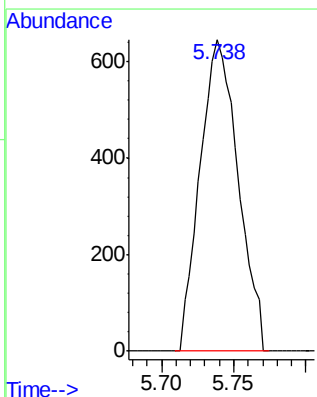
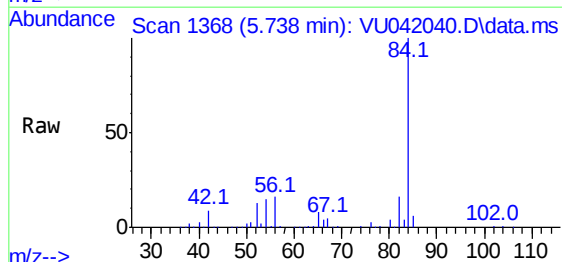
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

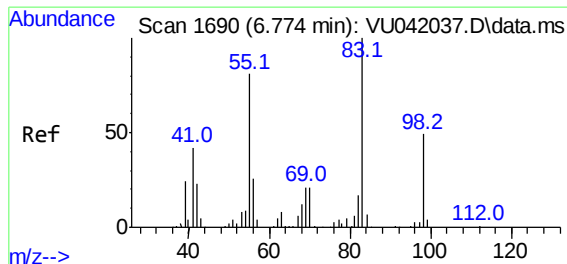
Tgt Ion: 84 Resp: 1534
Ion Ratio Lower Upper
84 100
86 54.7 42.6 79.0
49 121.3 86.2 160.0



#33
Benzene
Concen: 0.03 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.048 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

Tgt Ion: 78 Resp: 1184

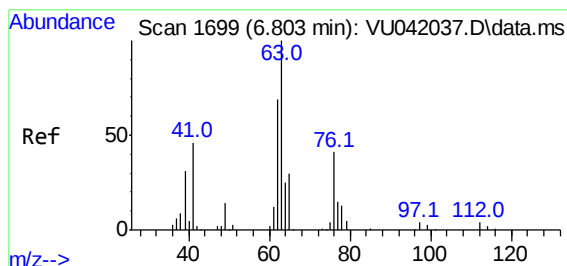
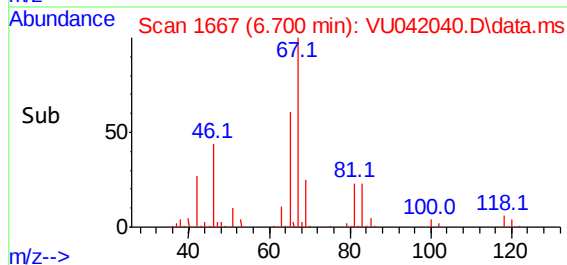
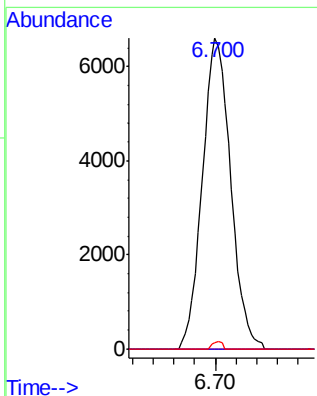
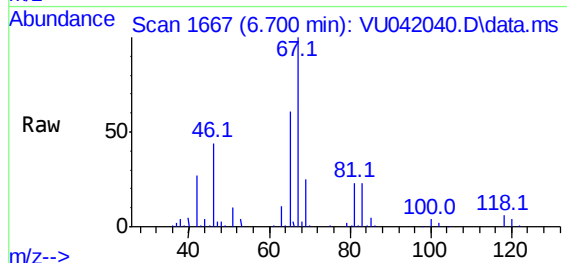




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

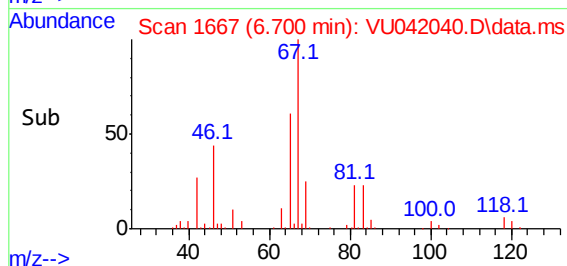
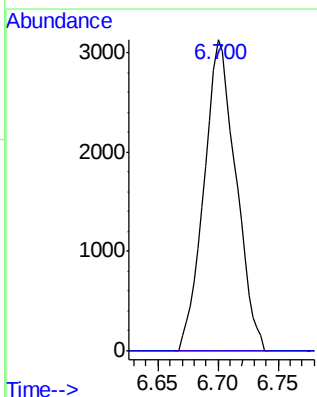
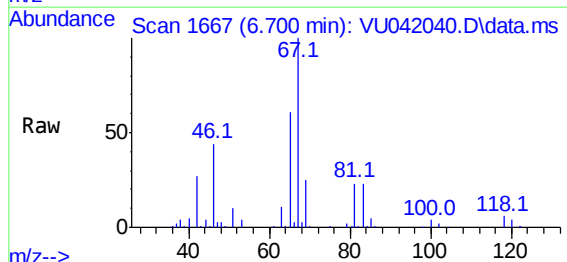
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

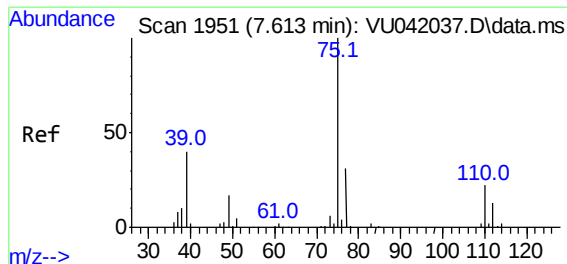
Tgt Ion: 83 Resp: 12569
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.8 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

Tgt Ion: 63 Resp: 5606
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

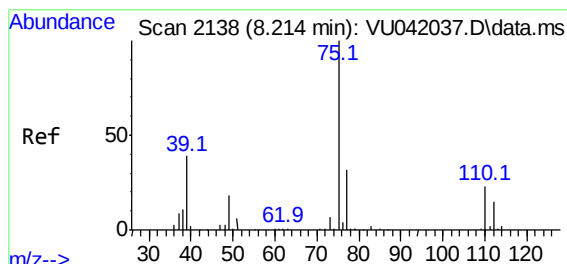
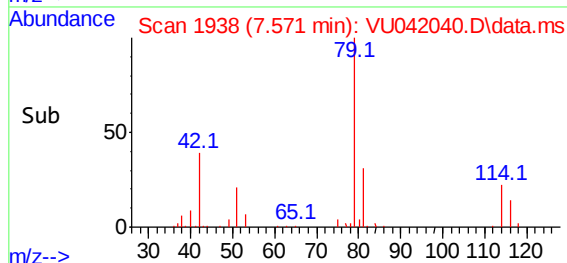
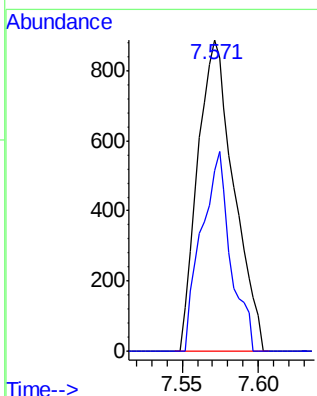
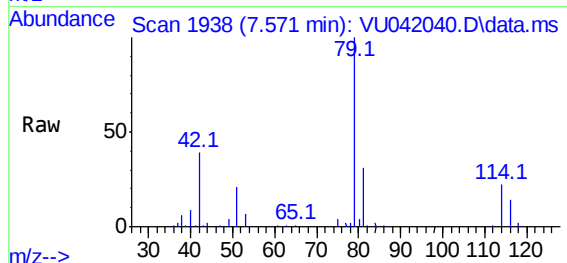




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

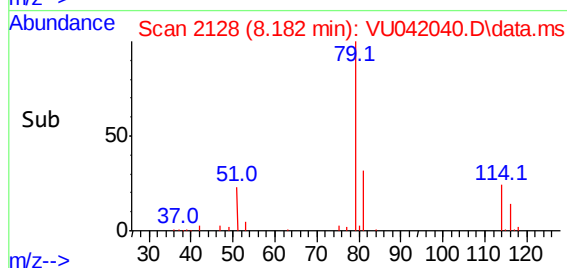
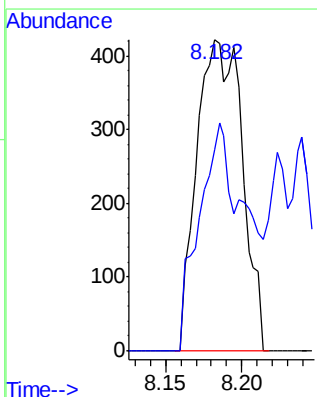
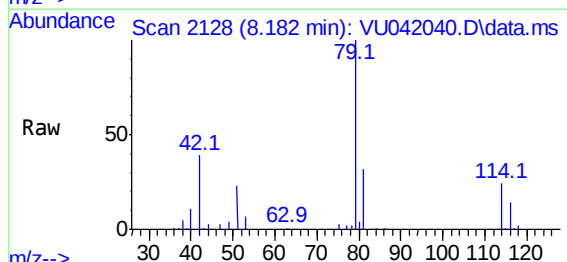
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

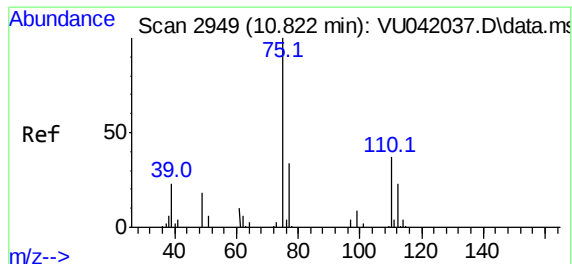
Tgt Ion: 75 Resp: 1466
Ion Ratio Lower Upper
75 100
77 58.2 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042040.D
Acq: 14 Jan 2021 18:48

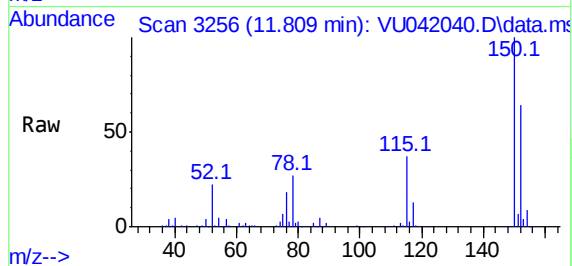
Tgt Ion: 75 Resp: 873
Ion Ratio Lower Upper
75 100
77 64.5 22.0 41.0#





#59
 1,2,3-Trichloropropane
 Concen: 0.79 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042040.D
 Acq: 14 Jan 2021 18:48

Instrument :
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Tgt Ion: 75 Resp: 5764
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.6 38.4

