

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039008.D
 Acq On : 22 Jun 2020 16:52
 Operator : SY/MD
 Sample : VU0622WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK16

Quant Time: Jun 23 01:27:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273356	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	275535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126021	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106961	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	82229	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	151938	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.67	46	357615	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	5.10	84	183918	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	118262	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	389513	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.72	67	129541	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	314322	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	53108	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	283507	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112557	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	128592	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

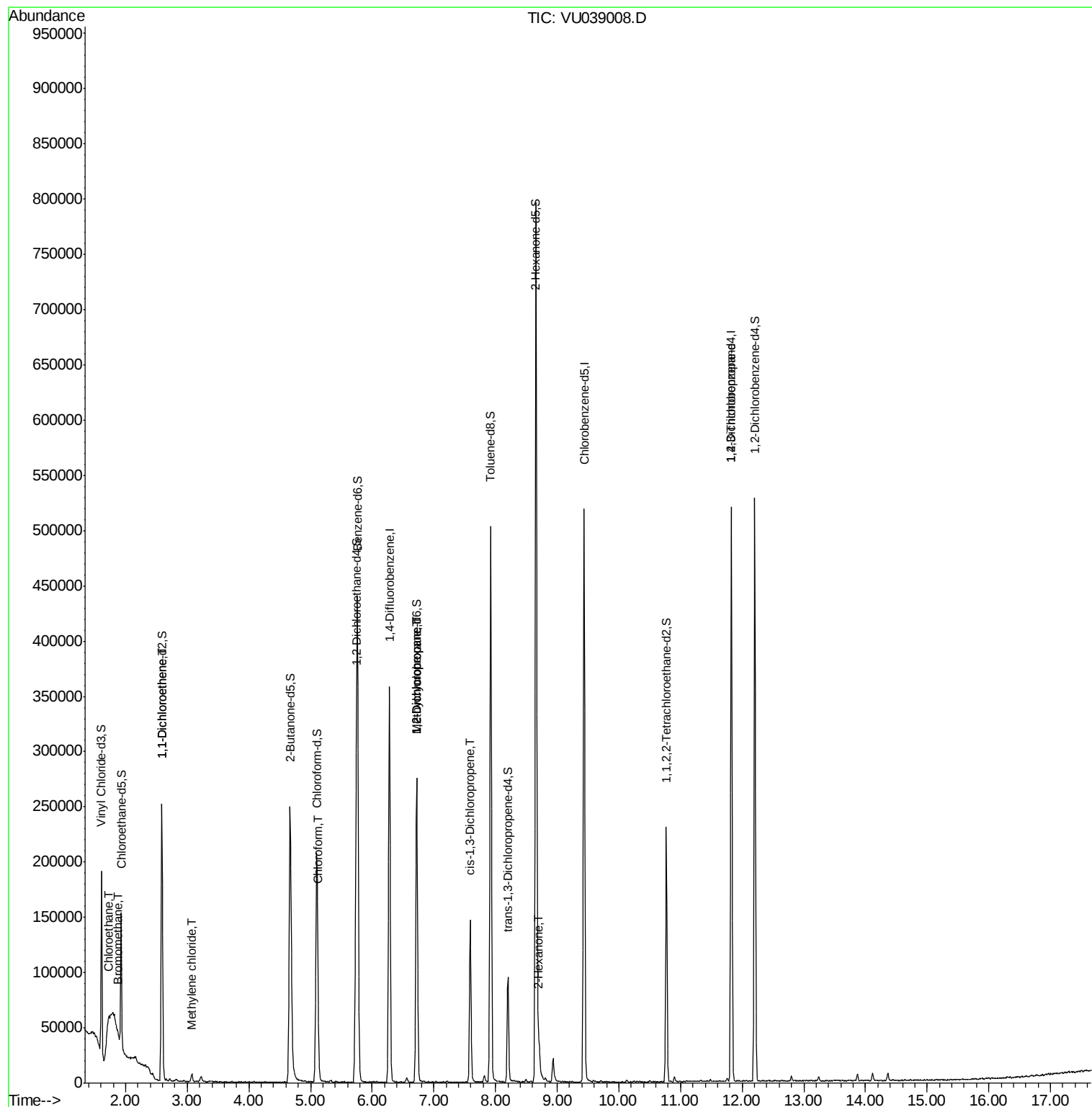
					Ovalue
6) Bromomethane	1.87	94	826	0.124 ug/L #	63
8) Chloroethane	1.73	64	78512	5.112 ug/L #	56
12) 1,1-Dichloroethene	2.58	96	1326	0.067 ug/L #	1
16) Methylene chloride	3.08	84	3239	0.135 ug/L	86
25) Chloroform	5.12	83	16856	0.389 ug/L	100
35) Methylcyclohexane	6.72	83	29048	0.864 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13869	0.580 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3928	0.115 ug/L	83
48) 2-Hexanone	8.71	43	14771	1.116 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	18154	1.031 ug/L	95

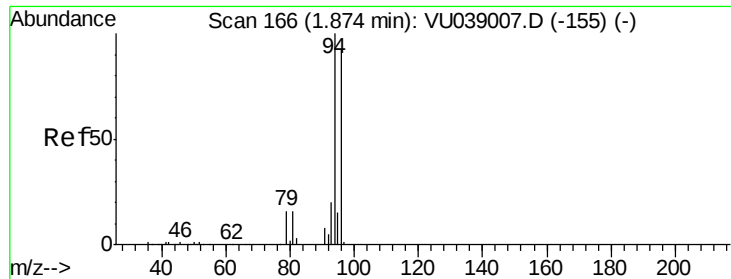
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062220\
Data File : VU039008.D
Acq On : 22 Jun 2020 16:52
Operator : SY/MD
Sample : VU06222WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

Quant Time: Jun 23 01:27:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.124 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU039008.D

Acq: 22 Jun 2020 16:52

Instrument :

MSVOA_U

ClientSampleId :

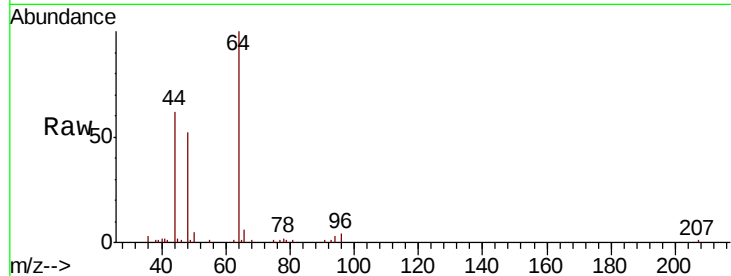
VBLK16

Tot Ion: 94 Resp: 826

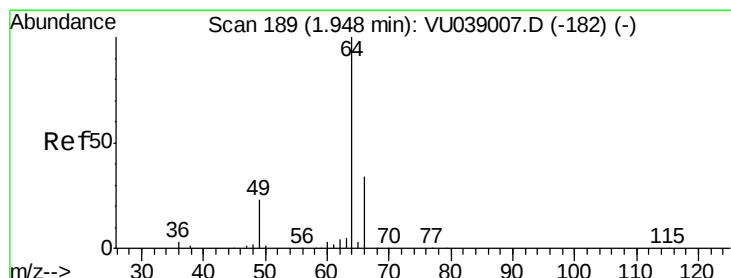
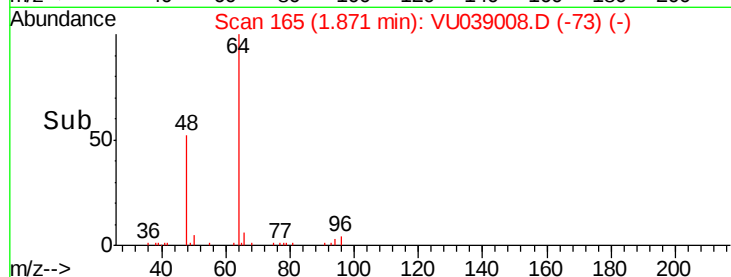
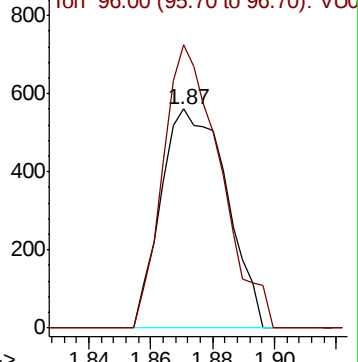
Ion Ratio Lower Upper

94 100

96 129.3 65.5 121.7#



Abundance Ion 94.00 (93.70 to 94.70): VU039007.D (-155) (-)



#8

Chloroethane

Concen: 5.112 ug/L

RT: 1.73 min Scan# 121

Delta R.T. -0.22 min

Lab File: VU039008.D

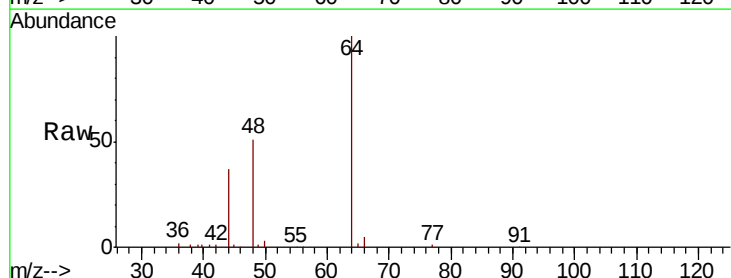
Acq: 22 Jun 2020 16:52

Tgt Ion: 64 Resp: 78512

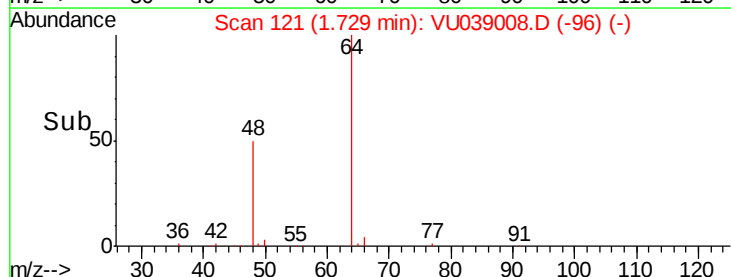
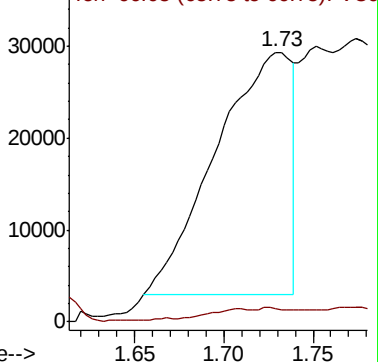
Ion Ratio Lower Upper

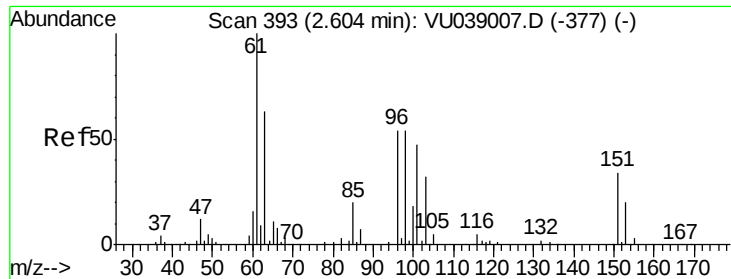
64 100

66 4.8 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VU039007.D (-182) (-)

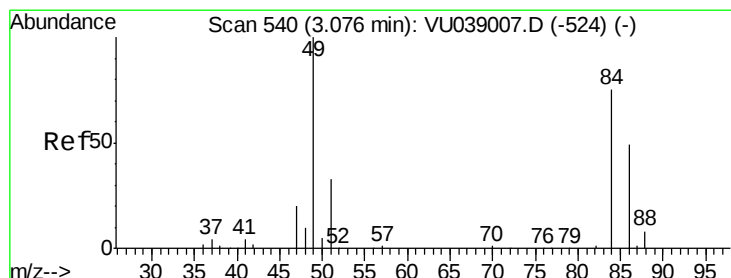
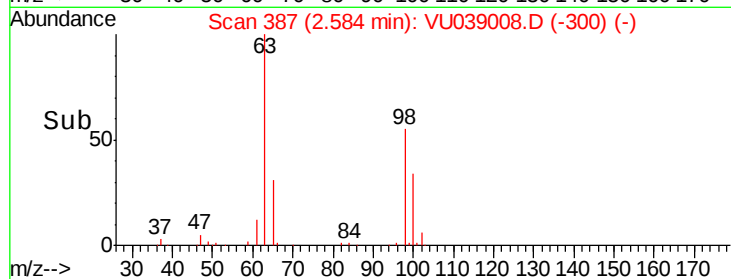
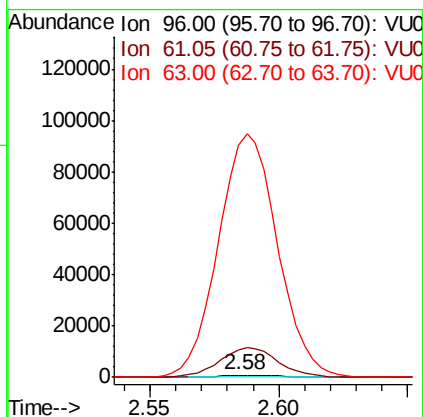
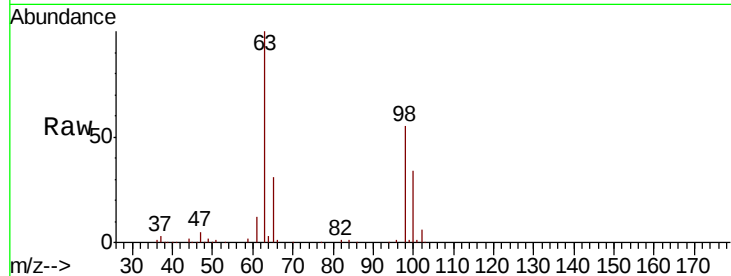




#12
 1,1-Dichloroethene
 Concen: 0.067 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.02 min
 Lab File: VU039008.D
 Acq: 22 Jun 2020 16:52

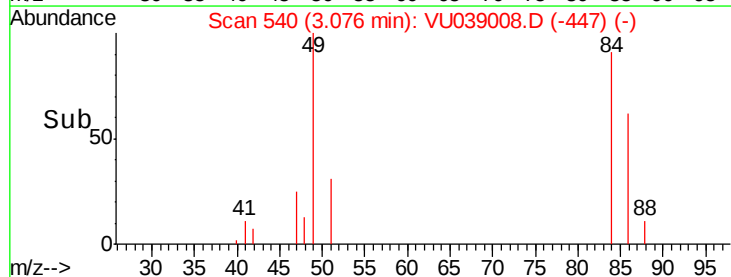
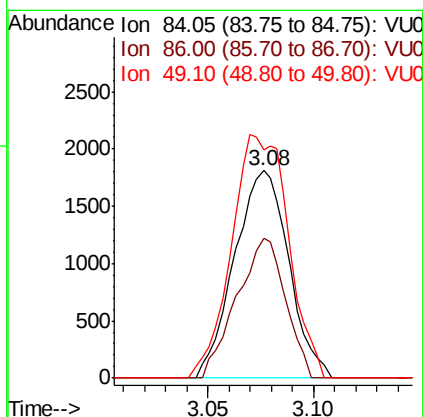
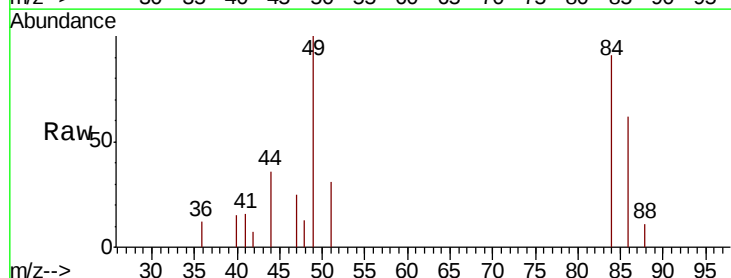
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK16

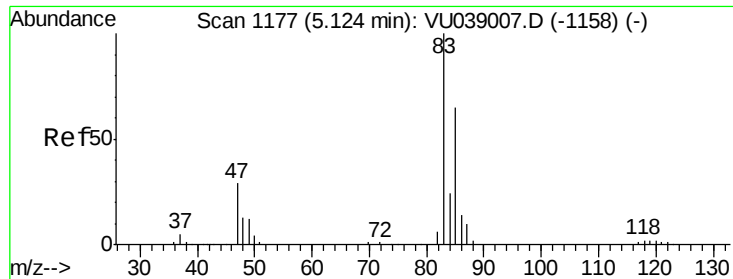
Tot Ion: 96 Resp: 1326
 Ion Ratio Lower Upper
 96 100
 61 1228.2 128.7 239.1#
 63 10278.2 101.5 188.5#



#16
 Methylene chloride
 Concen: 0.135 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU039008.D
 Acq: 22 Jun 2020 16:52

Tgt Ion: 84 Resp: 3239
 Ion Ratio Lower Upper
 84 100
 86 67.8 43.1 80.1
 49 110.2 90.9 168.9

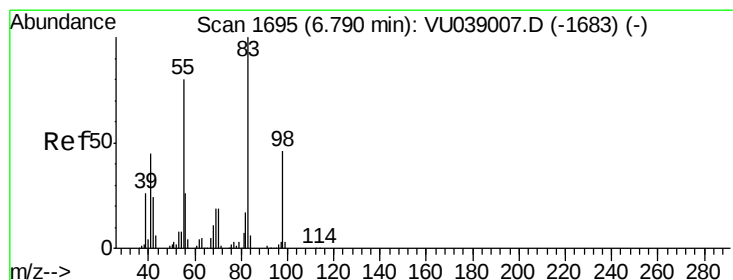
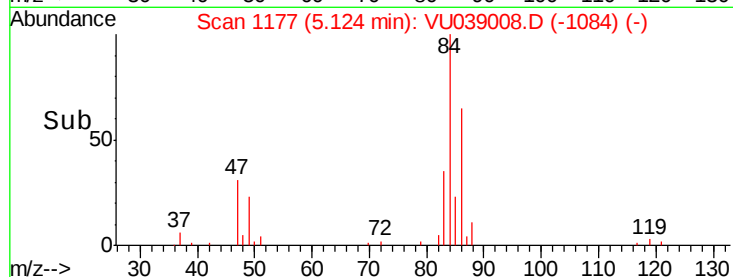
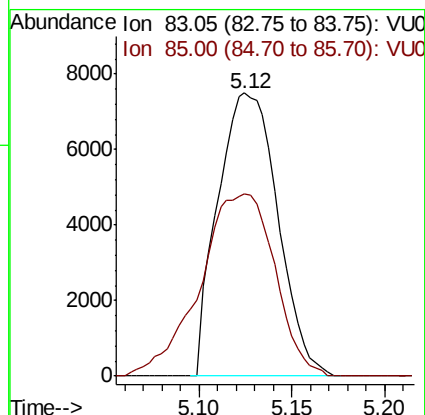
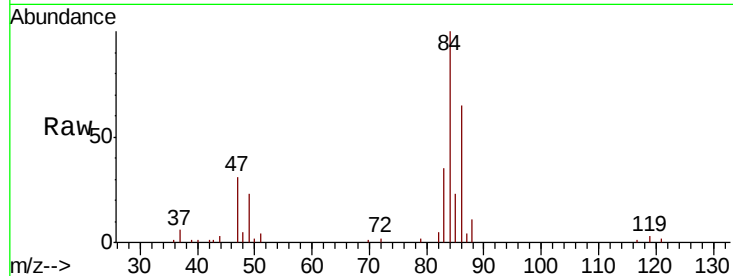




#25
Chloroform
Concen: 0.389 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039008.D
Acq: 22 Jun 2020 16:52

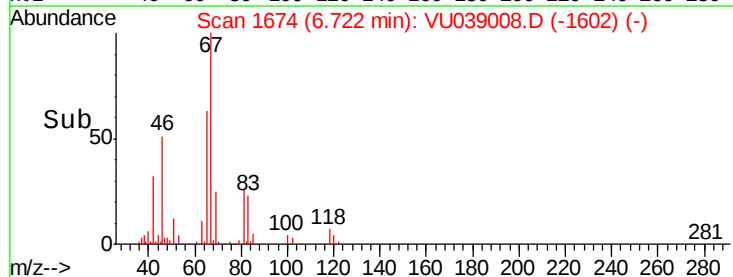
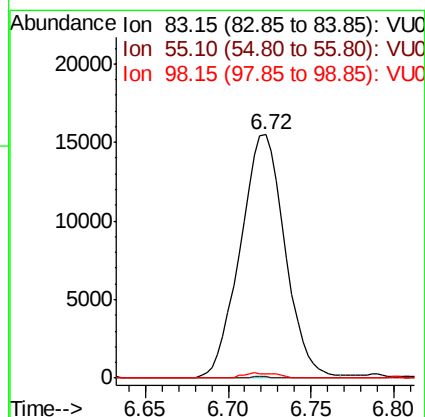
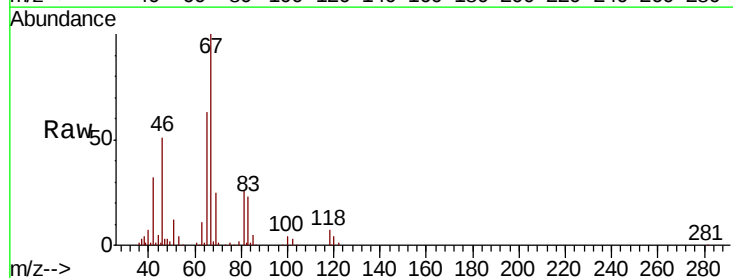
Instrument :
MSVOA_U
ClientSampleId :
VBLK16

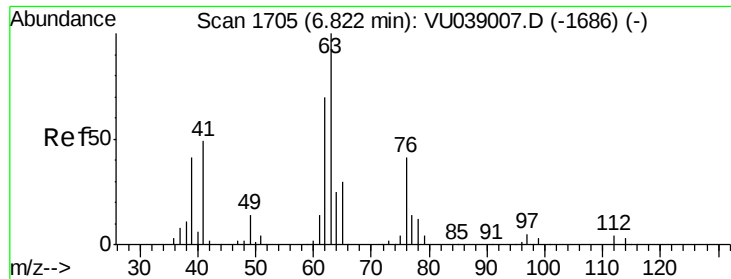
Tot Ion: 83 Resp: 16856
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5



#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039008.D
Acq: 22 Jun 2020 16:52

Tgt Ion: 83 Resp: 29048
Ion Ratio Lower Upper
83 100
55 0.2 65.1 97.7#
98 1.6 37.0 55.4#

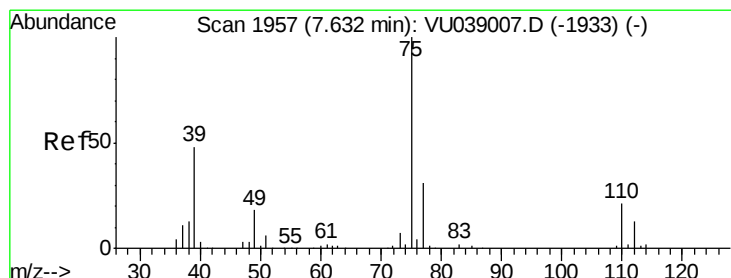
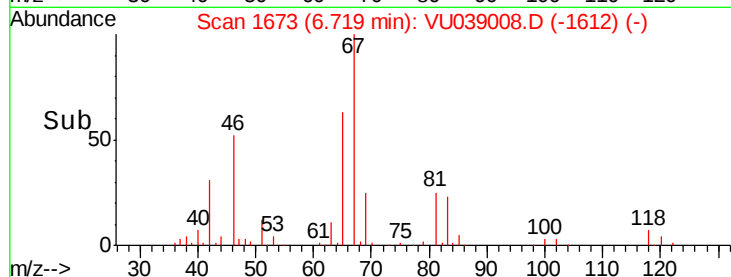
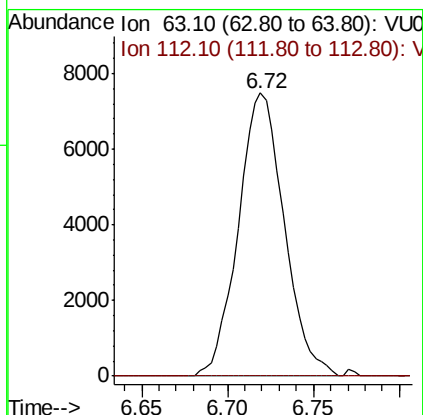
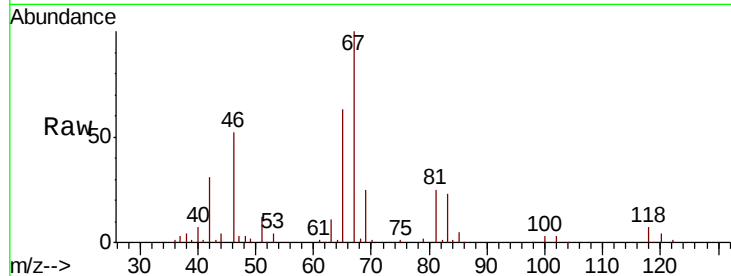




#37
 1,2-Dichloropropane
 Concen: 0.580 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039008.D
 Acq: 22 Jun 2020 16:52

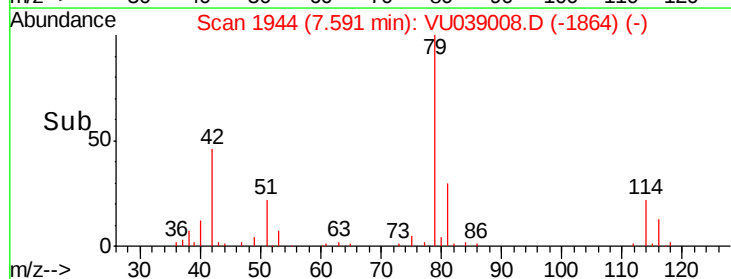
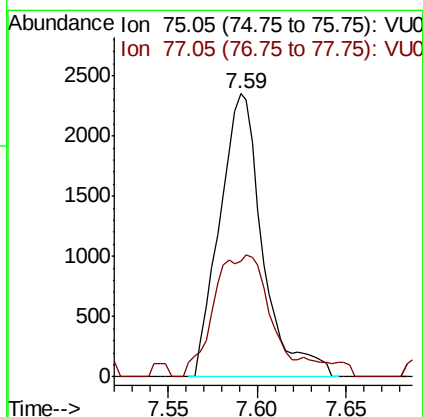
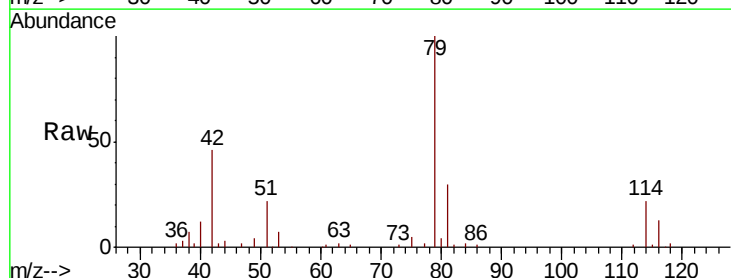
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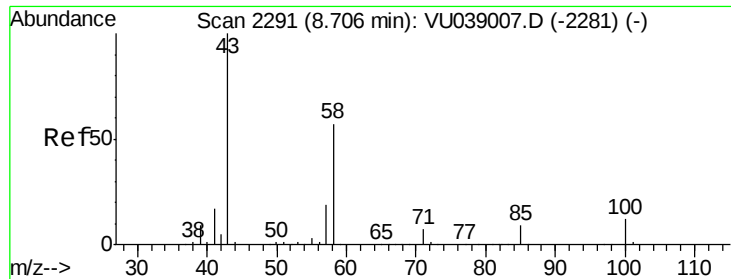
Tot Ion: 63 Resp: 13869
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039008.D
 Acq: 22 Jun 2020 16:52

Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.0 41.0

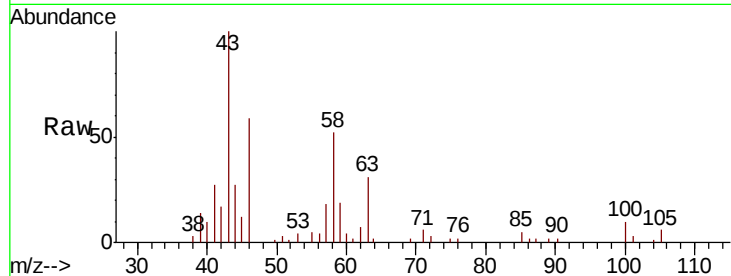




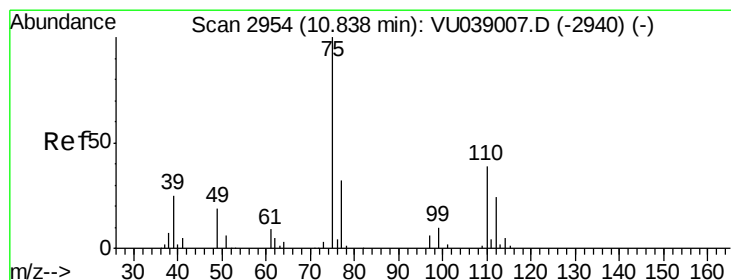
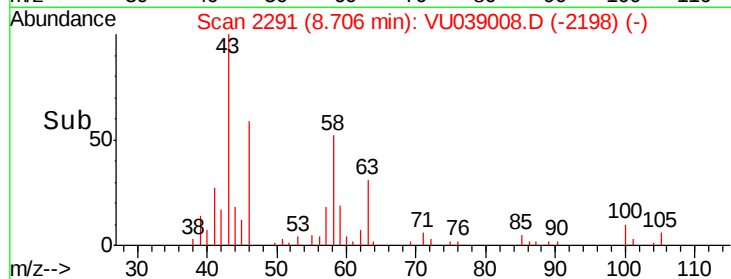
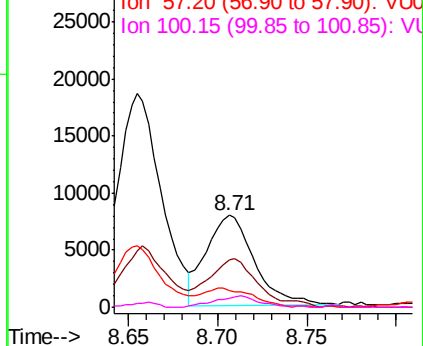
#48
 2-Hexanone
 Concen: 1.116 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039008.D
 Acq: 22 Jun 2020 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK16

Tot Ion:	43	Resp:	14771
Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.5	65.3
57	21.1	15.0	22.4
100	11.8	9.4	14.2

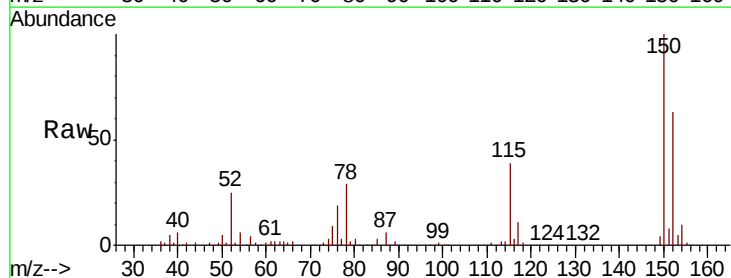


Abundance Ion 43.05 (42.75 to 43.75): VU039008.D (-2198) (-)
 Ion 58.05 (57.75 to 58.75): VU039008.D (-2198) (-)
 Ion 57.20 (56.90 to 57.90): VU039008.D (-2198) (-)
 Ion 100.15 (99.85 to 100.85): VU039008.D (-2198) (-)



#59
 1,2,3-Trichloropropane
 Concen: 1.031 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU039008.D
 Acq: 22 Jun 2020 16:52

Tgt Ion:	75	Resp:	18154
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.5	38.3



Abundance Ion 75.00 (74.70 to 75.70): VU039008.D (-2332) (-)
 Ion 77.00 (76.70 to 77.70): VU039008.D (-2332) (-)

