

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039021.D
 Acq On : 22 Jun 2020 21:58
 Operator : SY/MD
 Sample : L3061-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ7

Quant Time: Jun 23 01:29:43 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	256528	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	264169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	115758	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125840	5.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.60%
7) Chloroethane-d5	1.93	69	92289	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.59	63	171251	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.67	46	370697	54.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.06%
24) Chloroform-d	5.10	84	191579	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.74	65	126975	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.76	84	430488	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.72	67	141258	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.92	98	334975	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.20	79	44241	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.65	63	276881	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119917	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	133096	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

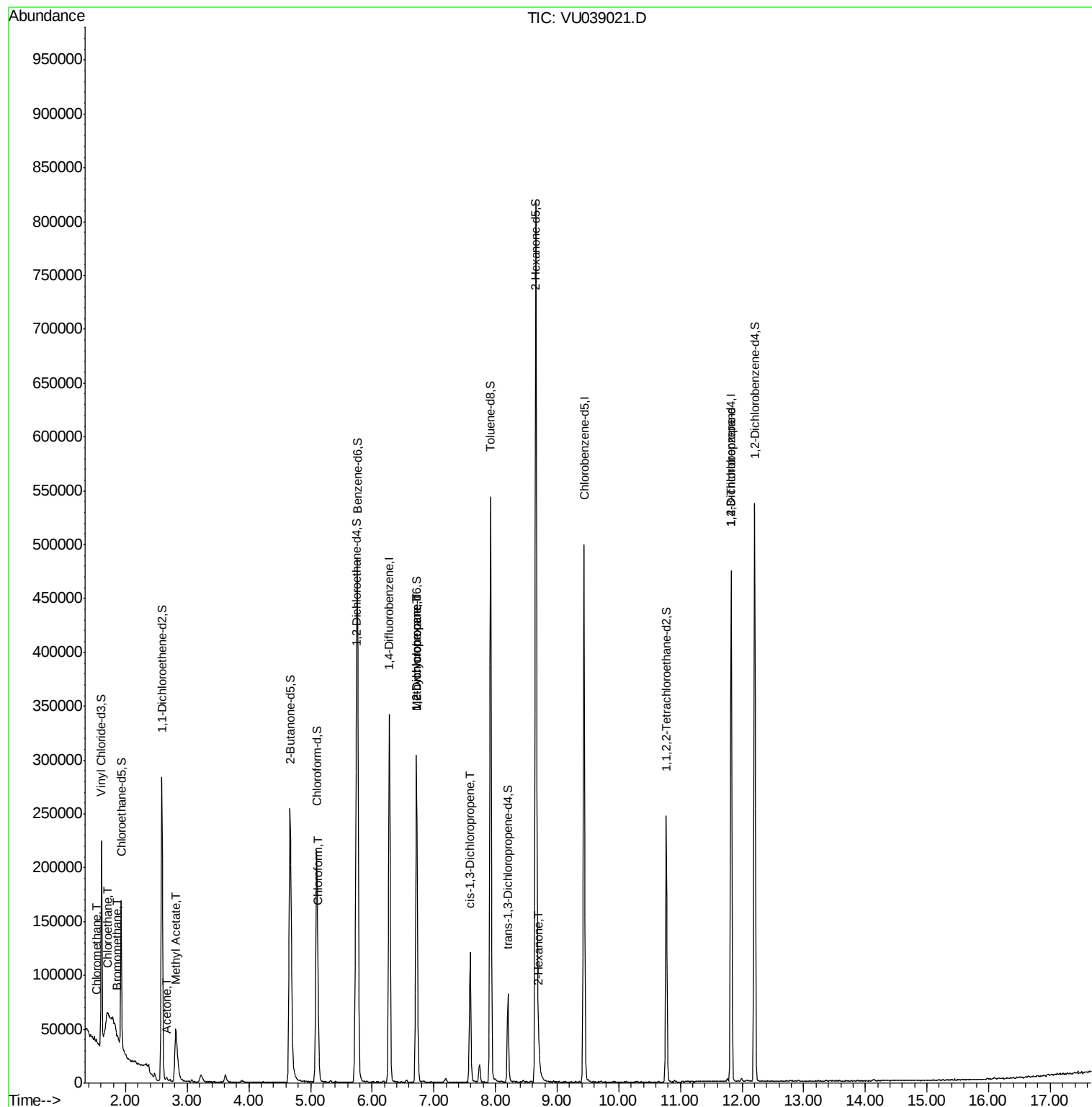
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2441	0.171	ug/L	98
6) Bromomethane	1.87	94	1112	0.178	ug/L	93
8) Chloroethane	1.71	64	44564	3.092	ug/L #	55
13) Acetone	2.66	43	4199	0.970	ug/L	90
15) Methyl Acetate	2.81	43	22985	2.087	ug/L #	53
25) Chloroform	5.13	83	23605	0.581	ug/L	98
35) Methylcyclohexane	6.72	83	31182	0.967	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15513	0.676	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3242	0.099	ug/L	87
48) 2-Hexanone	8.71	43	12237	0.964	ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	15898	0.941	ug/L #	87

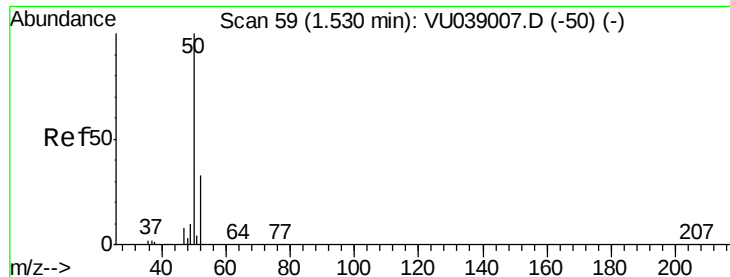
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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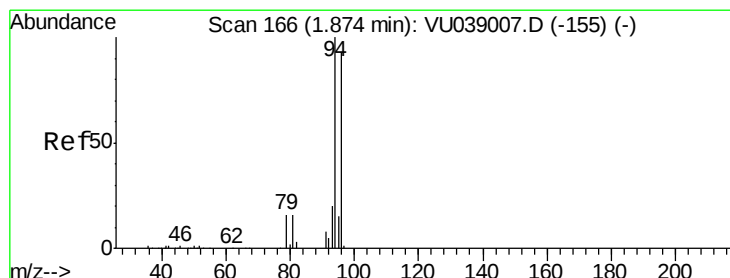
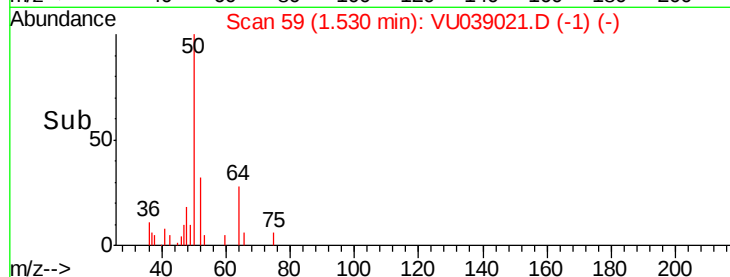
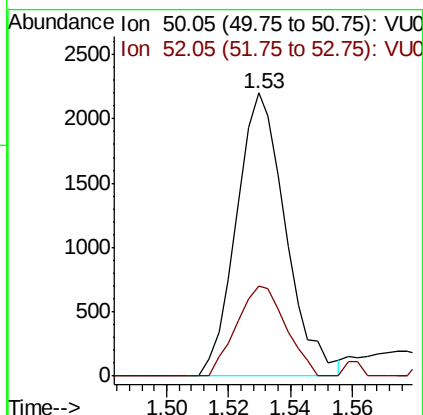
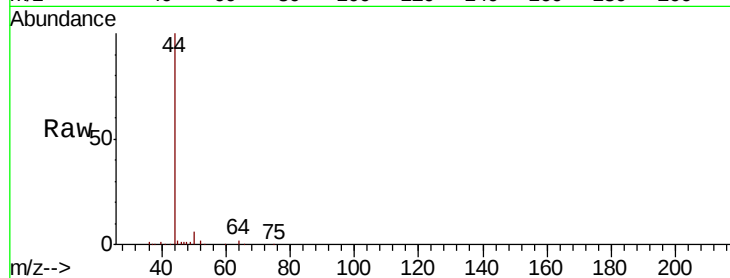




#3
 Chloromethane
 Concen: 0.171 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VU039021.D
 Acq: 22 Jun 2020 21:58

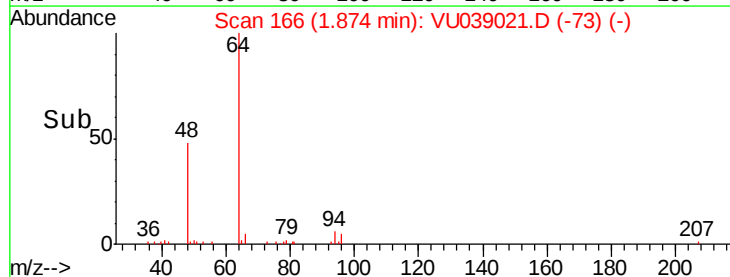
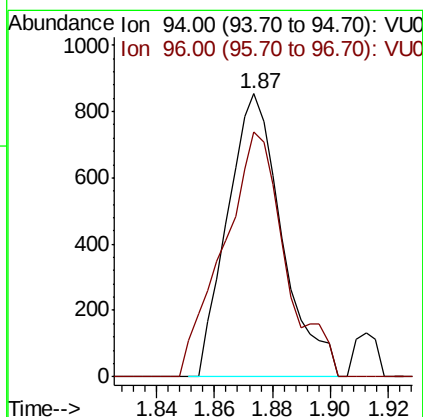
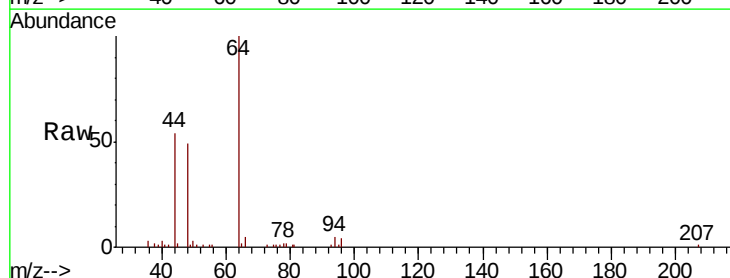
Instrument :
 MSVOA_U
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 BFXJ7

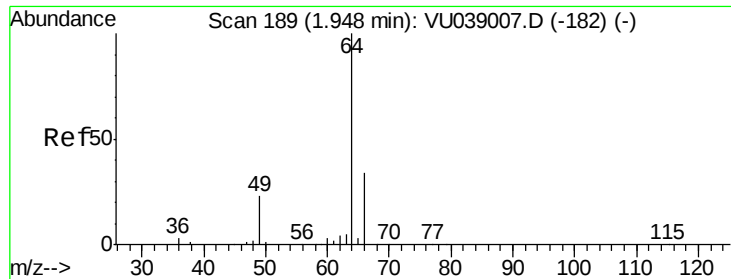
Tot Ion: 50 Resp: 2441
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.6



#6
 Bromomethane
 Concen: 0.178 ug/L
 RT: 1.87 min Scan# 166
 Delta R.T. -0.00 min
 Lab File: VU039021.D
 Acq: 22 Jun 2020 21:58

Tgt Ion: 94 Resp: 1112
 Ion Ratio Lower Upper
 94 100
 96 86.4 65.5 121.7

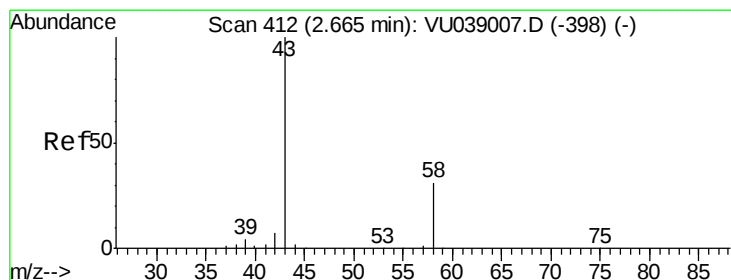
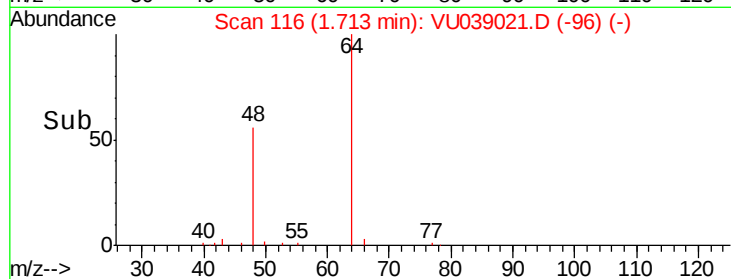
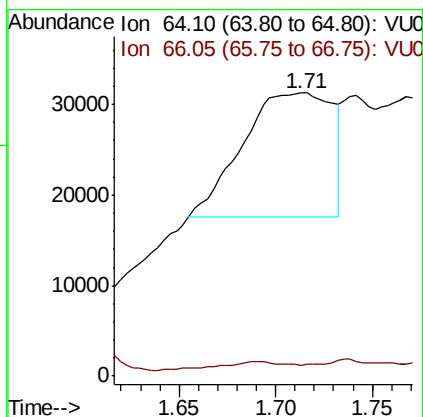
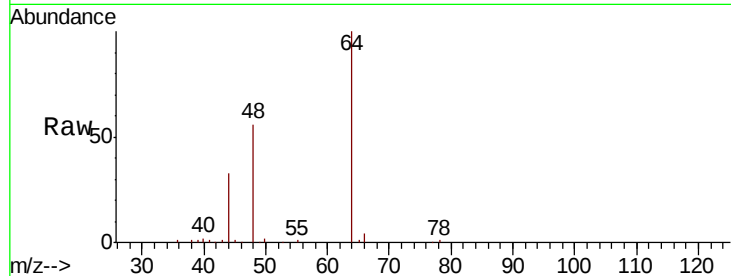




#8
Chloroethane
Concen: 3.092 ug/L
RT: 1.71 min Scan# 116
Delta R.T. -0.23 min
Lab File: VU039021.D
Acq: 22 Jun 2020 21:58

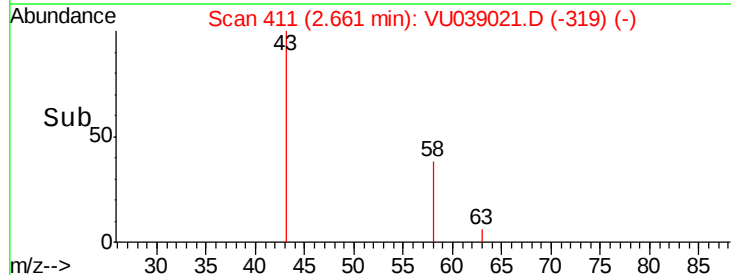
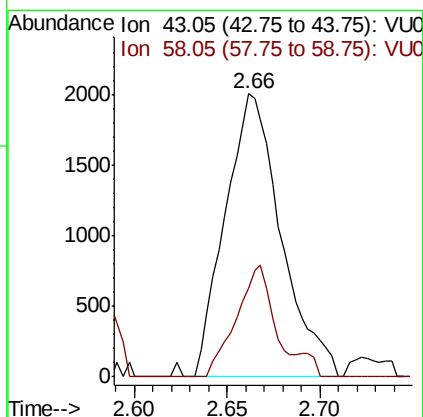
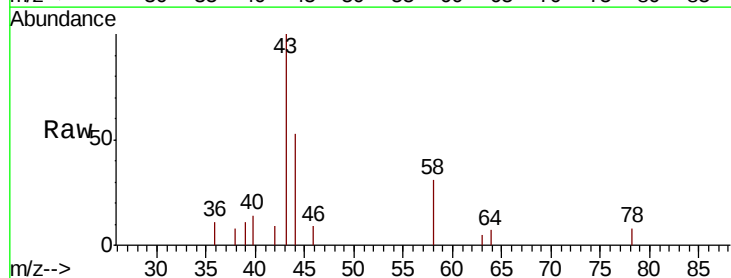
Instrument :
MSVOA_U
ClientSampleId :
BFXJ7

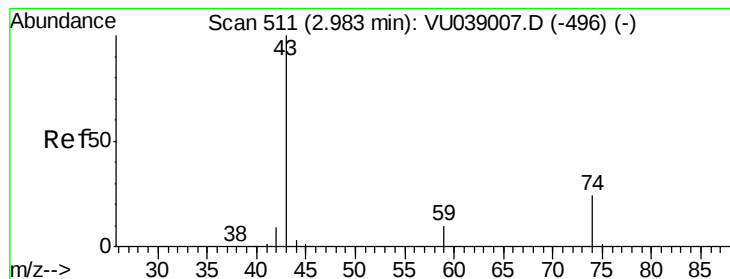
Tot Ion: 64 Resp: 44564
Ion Ratio Lower Upper
64 100
66 4.0 19.4 36.0#



#13
Acetone
Concen: 0.970 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.00 min
Lab File: VU039021.D
Acq: 22 Jun 2020 21:58

Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
58 26.6 0.0 64.8





#15

Methvl Acetate

Concen: 2.087 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.17 min

Lab File: VU039021.D

Acq: 22 Jun 2020 21:58

Instrument :

MSVOA_U

ClientSampleId :

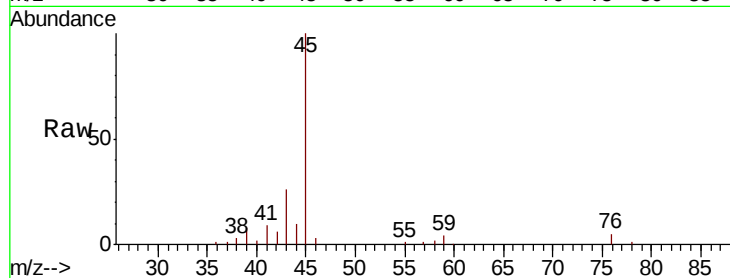
BFXJ7

Tot Ion: 43 Resp: 22985

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039007.D (-496) (-)

Ion 74.05 (73.75 to 74.75): VU039007.D (-496) (-)

2.81

6000

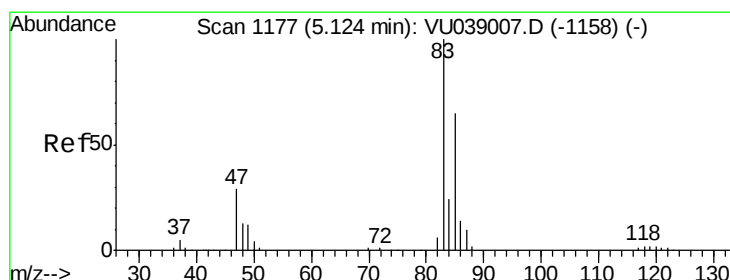
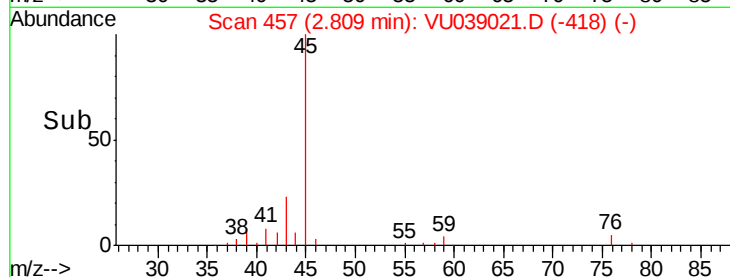
4000

2000

0

Time-->

2.70 2.80 2.90



#25

Chloroform

Concen: 0.581 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU039021.D

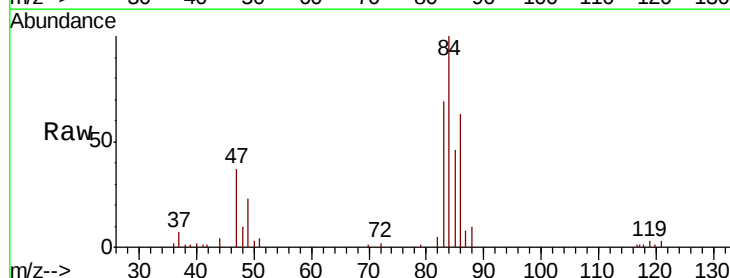
Acq: 22 Jun 2020 21:58

Tgt Ion: 83 Resp: 23605

Ion Ratio Lower Upper

83 100

85 65.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039007.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU039007.D (-1158) (-)

5.13

12000

10000

8000

6000

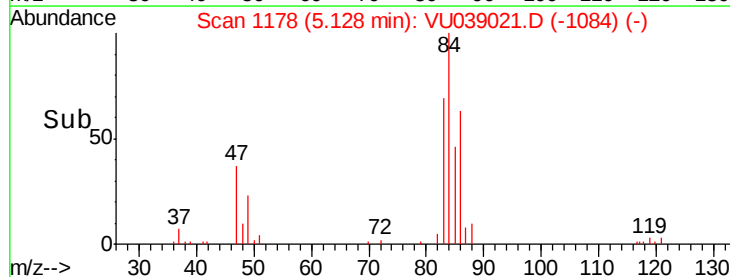
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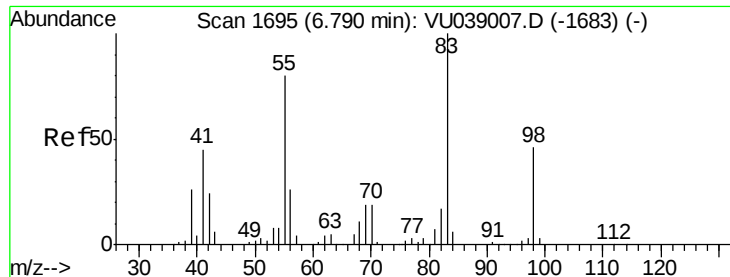
2000

0

Time-->

5.10 5.15 5.20

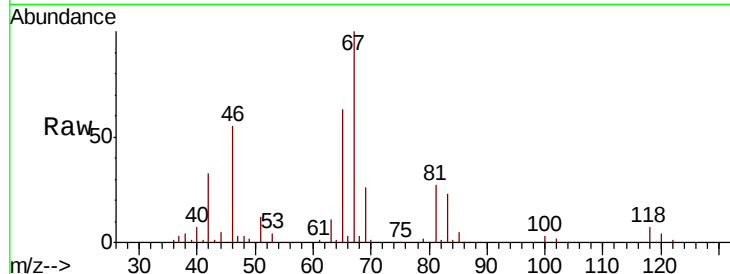




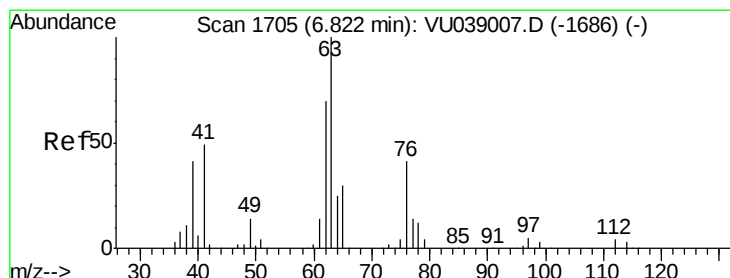
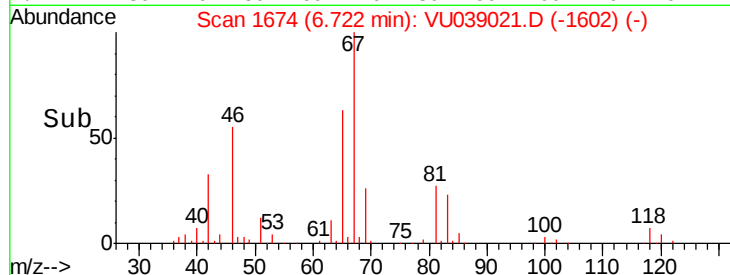
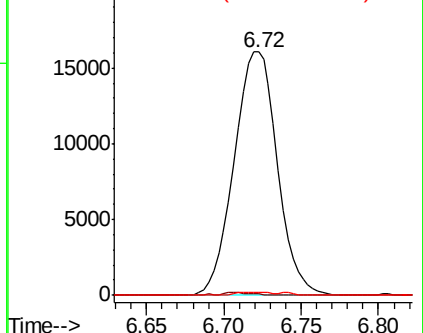
#35
Methvlcvclohexane
Concen: 0.967 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039021.D
Acq: 22 Jun 2020 21:58

Instrument :
MSVOA_U
ClientSampleId :
BFXJ7

Tot Ion: 83 Resp: 31182
Ion Ratio Lower Upper
83 100
55 0.7 65.1 97.7#
98 1.0 37.0 55.4#

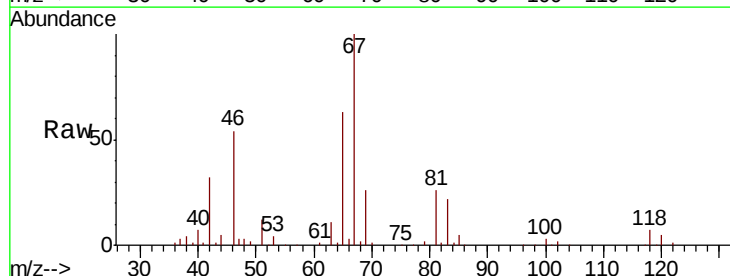


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

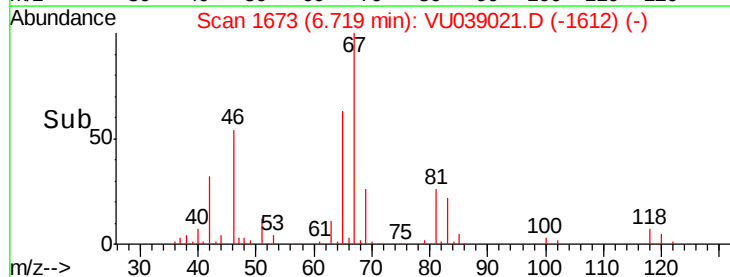
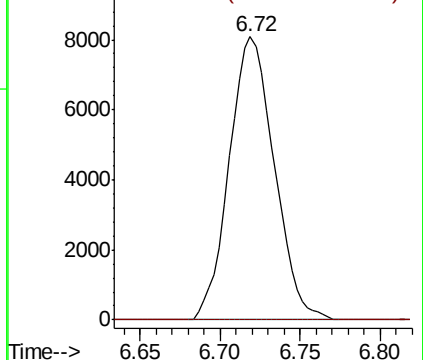


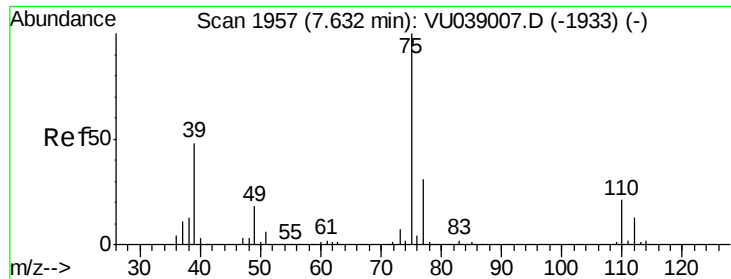
#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039021.D
Acq: 22 Jun 2020 21:58

Tgt Ion: 63 Resp: 15513
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

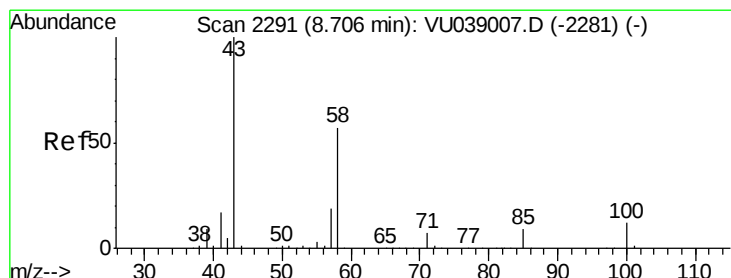
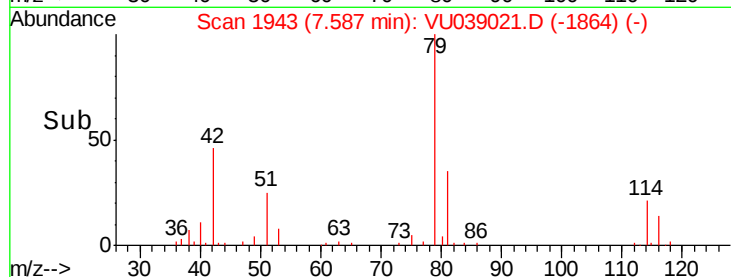
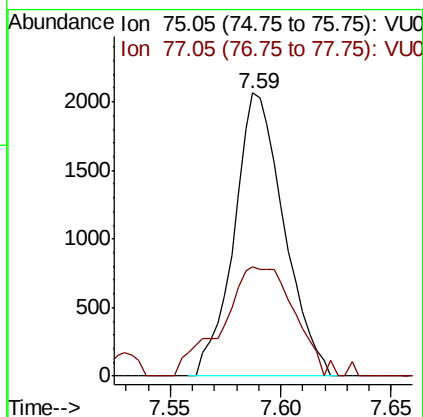
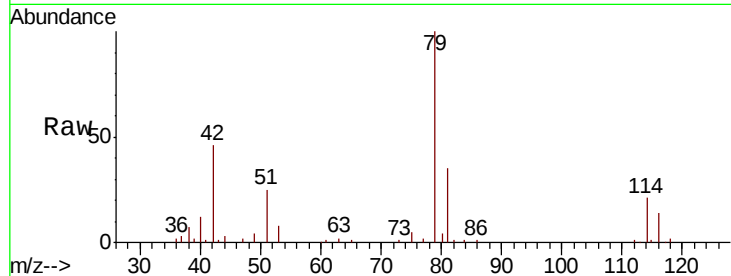




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039021.D
 Acq: 22 Jun 2020 21:58

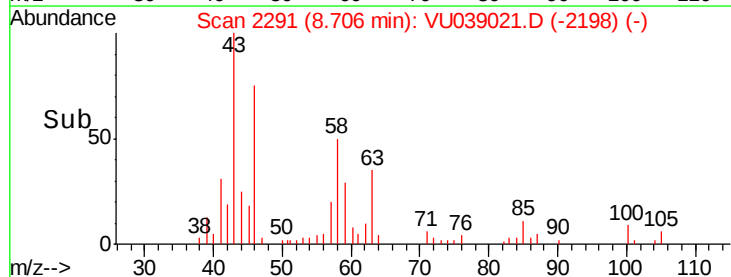
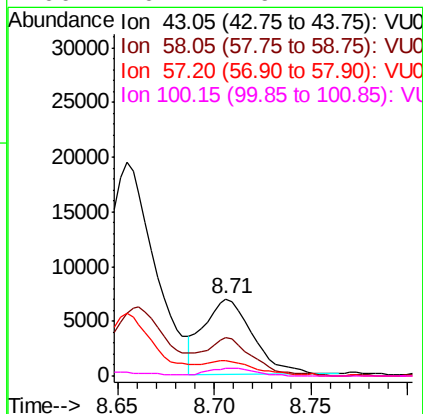
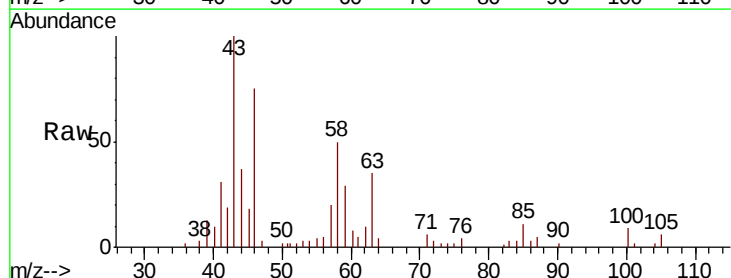
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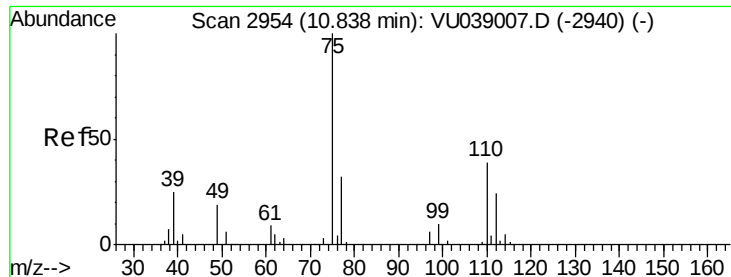
Tot Ion: 75 Resp: 3242
 Ion Ratio Lower Upper
 75 100
 77 38.8 22.0 41.0



#48
 2-Hexanone
 Concen: 0.964 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU039021.D
 Acq: 22 Jun 2020 21:58

Tgt Ion: 43 Resp: 12237
 Ion Ratio Lower Upper
 43 100
 58 47.8 43.5 65.3
 57 18.8 15.0 22.4
 100 10.1 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 0.941 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039021.D

Acq: 22 Jun 2020 21:58

Instrument :

MSVOA_U

ClientSampleId :

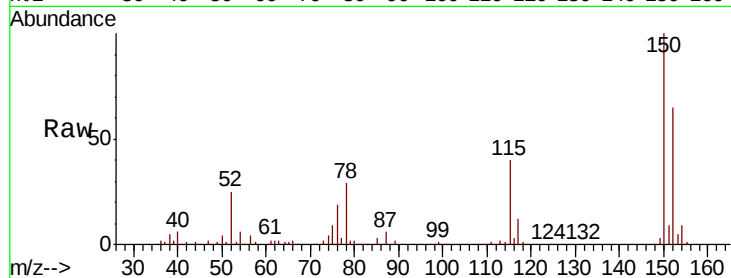
BFXJ7

Tot Ion: 75 Resp: 15898

Ion Ratio Lower Upper

75 100

77 39.1 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

