

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026575.D
 Acq On : 06 Sep 2018 13:01
 Operator : MD/SY
 Sample : J4694-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE18

Quant Time: Sep 07 04:45:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	79608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33078	67.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	134.12%
7) Chloroethane-d5	1.68	69	27606	61.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.94%
11) 1,1-Dichloroethene-d2	2.27	63	44934	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
21) 2-Butanone-d5	4.21	46	109585	286.26	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	286.26%#
24) Chloroform-d	4.65	84	50808	54.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.08%
26) 1,2-Dichloroethane-d4	5.31	65	33602	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.36%
32) Benzene-d6	5.34	84	102569	70.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.42%#
36) 1,2-Dichloropropane-d6	6.33	67	34505	68.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	137.52%#
41) Toluene-d8	7.57	98	82583	58.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.12%
43) trans-1,3-Dichloropropene-	7.85	79	12289	53.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.24%
47) 2-Hexanone-d5	8.31	63	63782	277.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	277.12%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49850	67.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.84%#
64) 1,2-Dichlorobenzene-d4	11.86	152	24693	68.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.10%#

Target Compounds

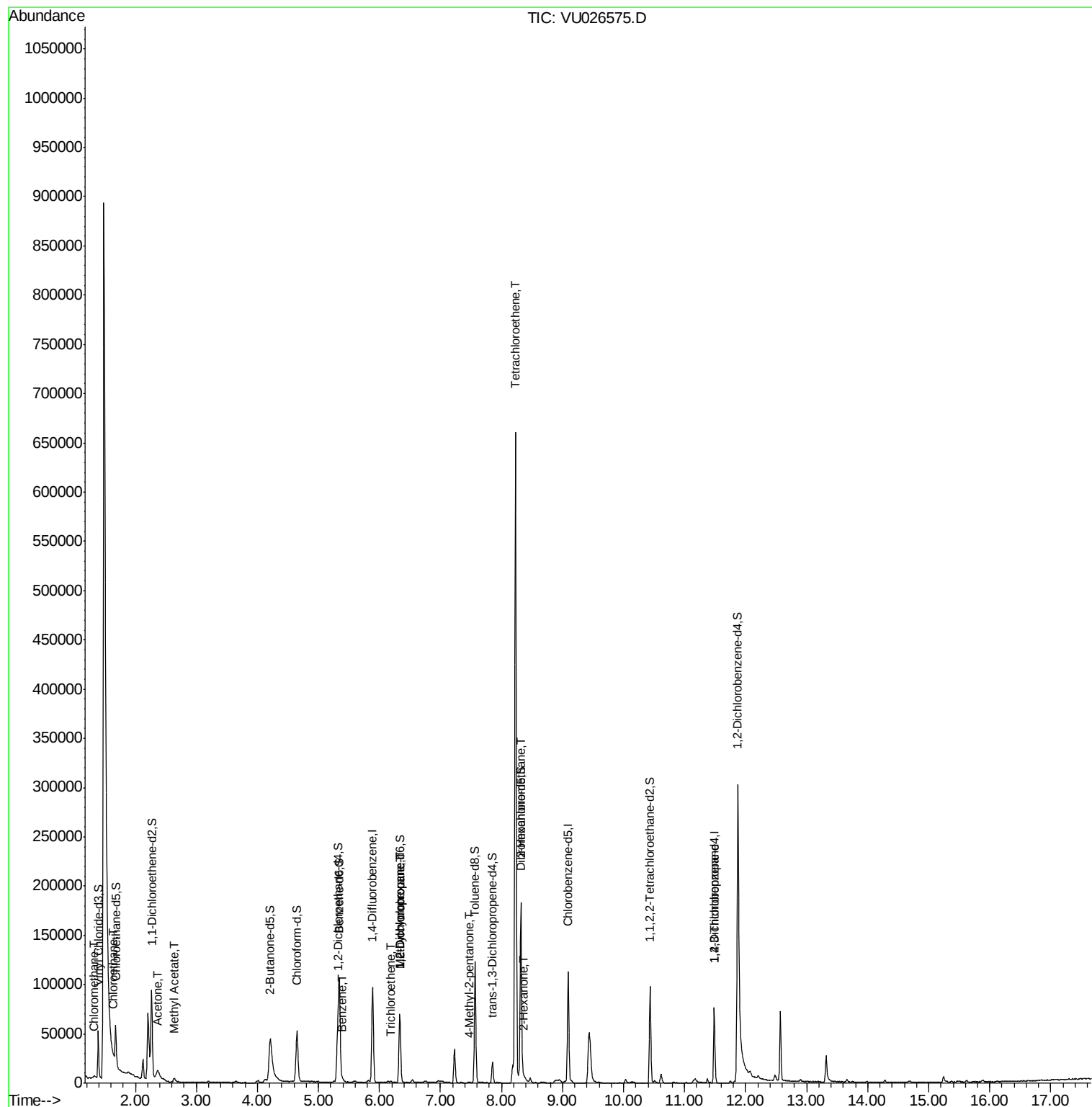
					Qvalue
3) Chloromethane	1.32	50	1134	1.480 ug/L	99
8) Chloroethane	1.65	64	6468	12.965 ug/L #	43
13) Acetone	2.37	43	32320	97.501 ug/L	82
15) Methyl Acetate	2.64	43	6302	9.682 ug/L #	85
33) Benzene	5.40	78	4725	2.600 ug/L	100
34) Trichloroethene	6.19	95	565	1.240 ug/L	92
35) Methylcyclohexane	6.33	83	7631	10.722 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	3545	7.047 ug/L #	88
40) 4-Methyl-2-pentanone	7.47	43	1073	1.582 ug/L #	45
46) Tetrachloroethene	8.23	164	145720	391.051 ug/L	99
48) 2-Hexanone	8.37	43	1698	3.178 ug/L #	71
49) Dibromochloromethane	8.30	129	1558	3.000 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	2338	3.725 ug/L	89

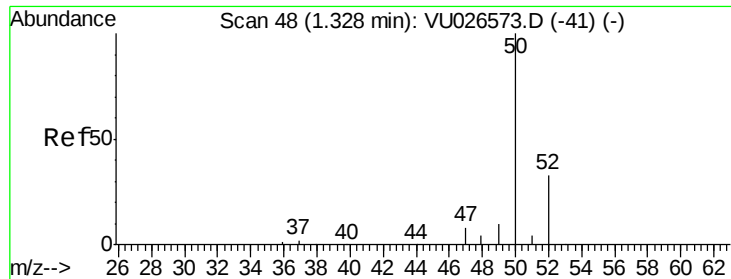
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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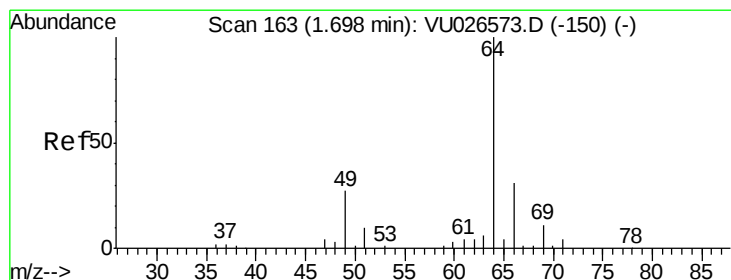
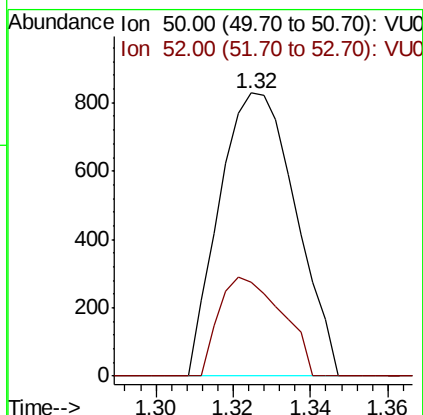
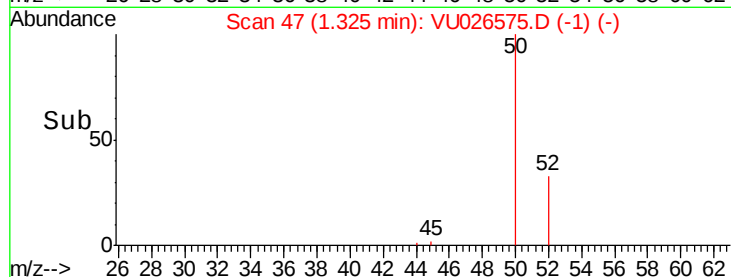
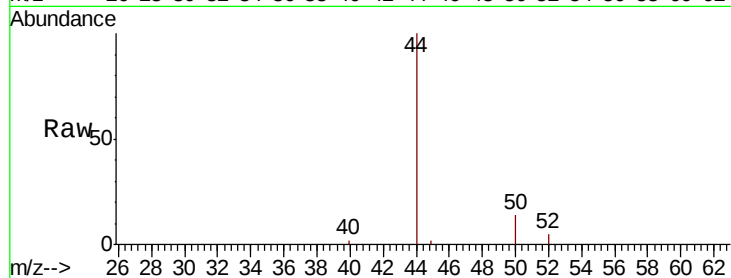




#3
Chloromethane
Concen: 1.480 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU026575.D
Acq: 06 Sep 2018 13:01

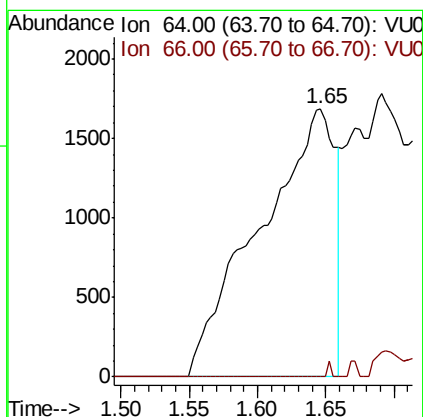
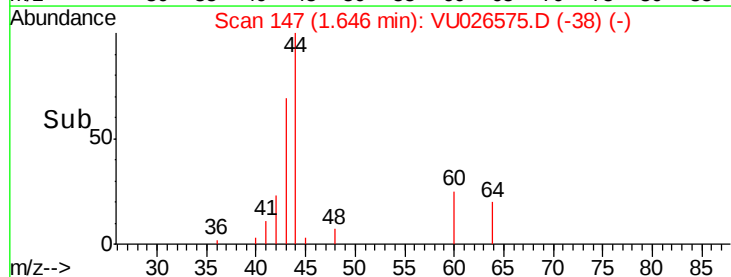
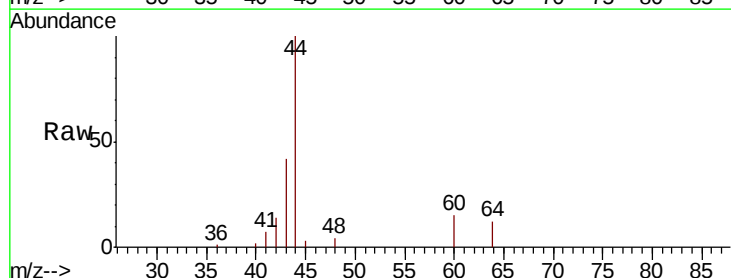
Instrument :
MSVOA_U
ClientSampleId :
BEE18

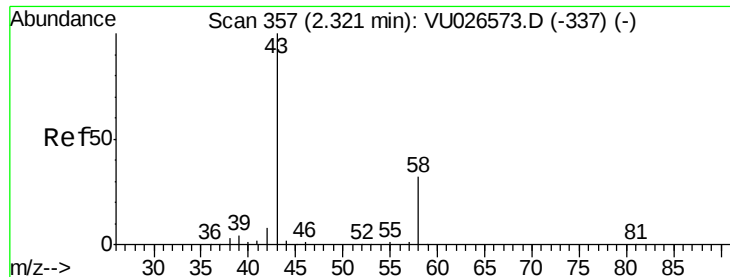
Tgt Ion: 50 Resp: 1134
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.6



#8
Chloroethane
Concen: 12.965 ug/L
RT: 1.65 min Scan# 147
Delta R.T. -0.05 min
Lab File: VU026575.D
Acq: 06 Sep 2018 13:01

Tgt Ion: 64 Resp: 6468
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#





#13

Acetone

Concen: 97.501 ug/L

RT: 2.37 min Scan# 371

Delta R.T. 0.05 min

Lab File: VU026575.D

Acq: 06 Sep 2018 13:01

Instrument :

MSVOA_U

ClientSampleId :

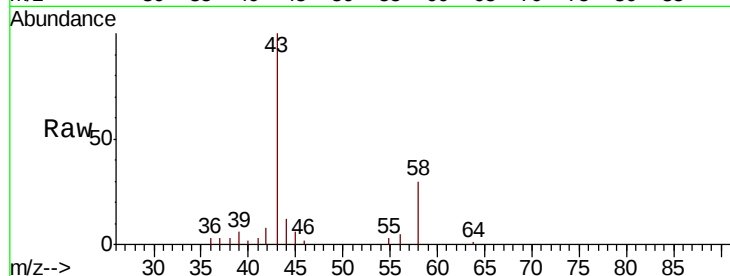
BEE18

Tgt Ion: 43 Resp: 32320

Ion Ratio Lower Upper

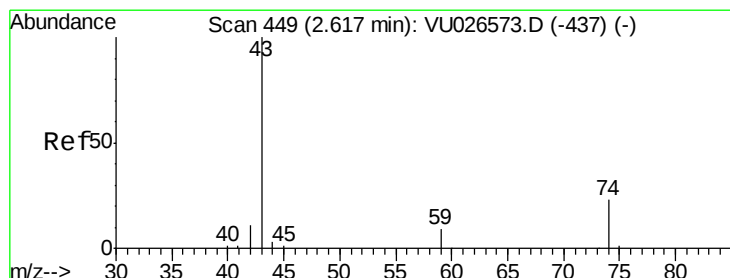
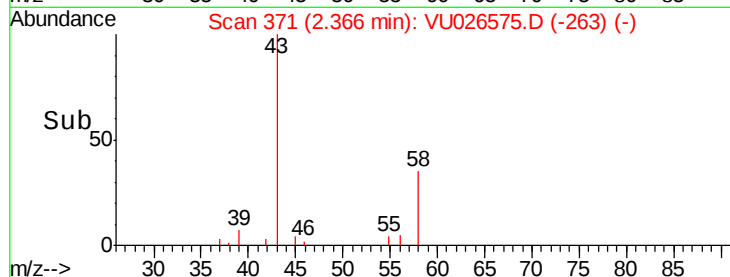
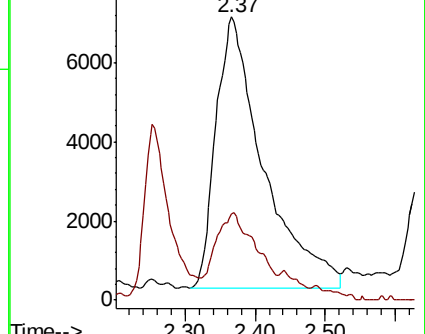
43 100

58 20.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 9.682 ug/L

RT: 2.64 min Scan# 455

Delta R.T. 0.02 min

Lab File: VU026575.D

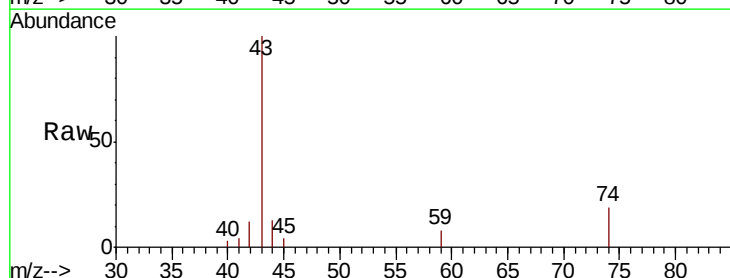
Acq: 06 Sep 2018 13:01

Tgt Ion: 43 Resp: 6302

Ion Ratio Lower Upper

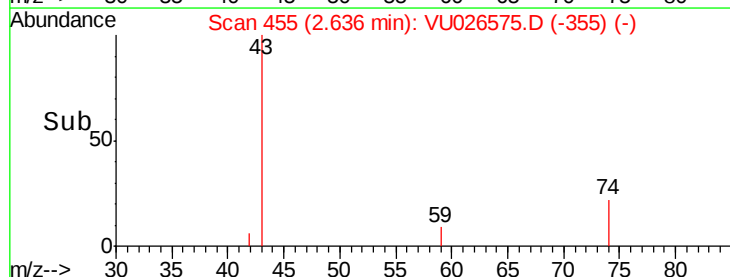
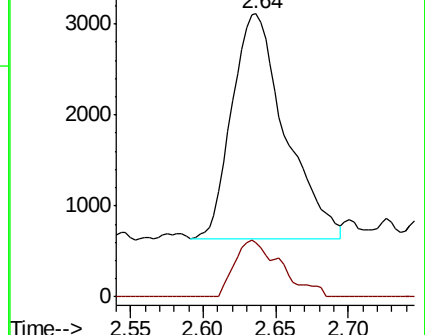
43 100

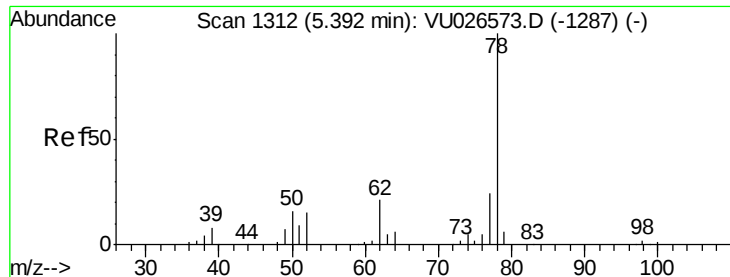
74 14.9 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#33

Benzene

Concen: 2.600 ug/L

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU026575.D

Acq: 06 Sep 2018 13:01

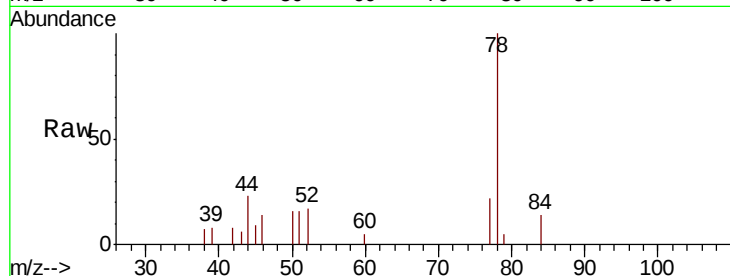
Instrument :

MSVOA_U

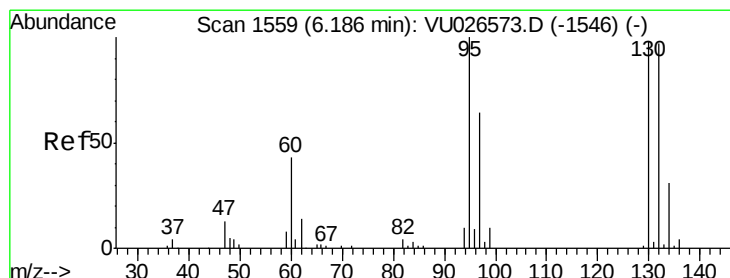
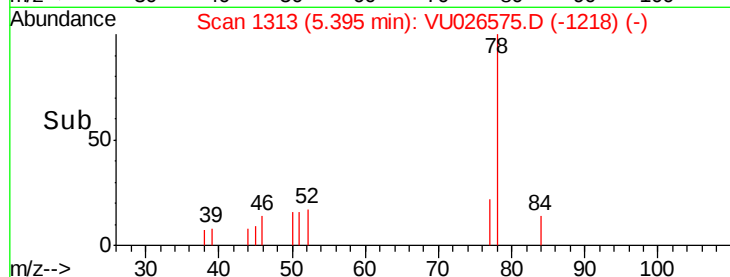
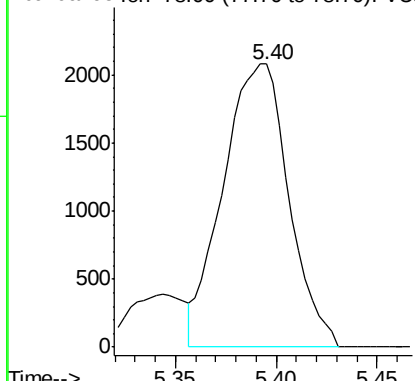
ClientSampleId :

BEE18

Tgt Ion: 78 Resp: 4725



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 1.240 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026575.D

Acq: 06 Sep 2018 13:01

Tgt Ion: 95 Resp: 565

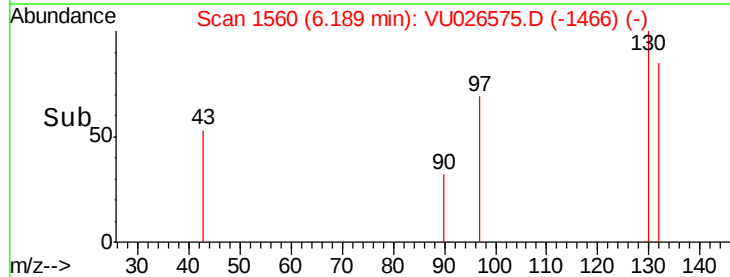
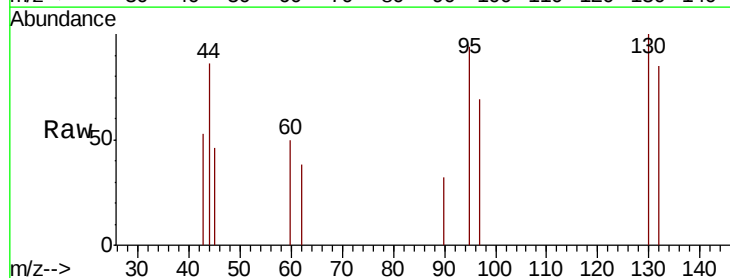
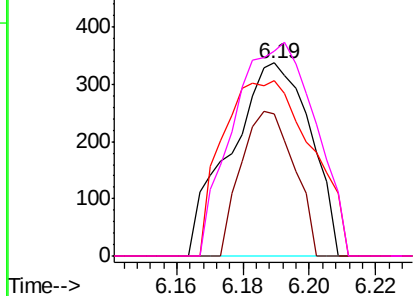
Ion	Ratio	Lower	Upper
95	100		
97	73.6	45.1	83.7
132	90.8	67.5	125.3
130	106.2	69.3	128.7

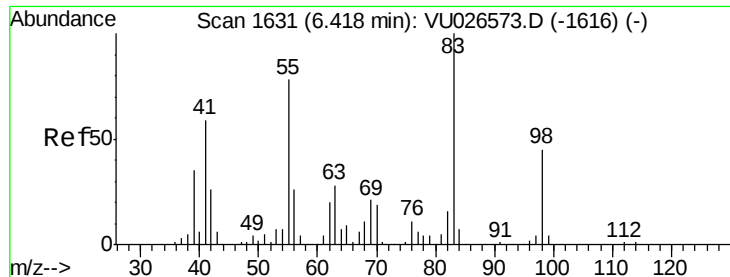
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

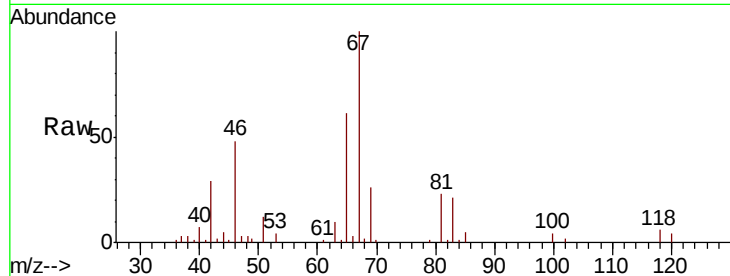




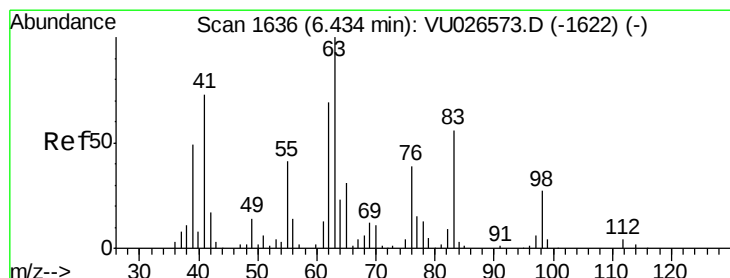
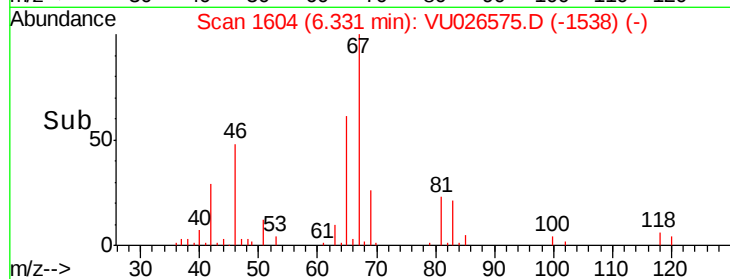
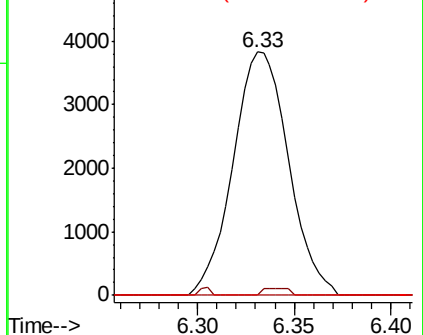
#35
Methylcyclohexane
Concen: 10.722 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026575.D
Acq: 06 Sep 2018 13:01

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 83 Resp: 7631
Ion Ratio Lower Upper
83 100
55 0.8 63.3 94.9#
98 0.0 36.7 55.1#

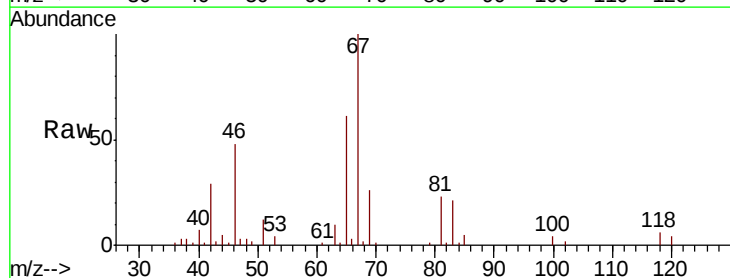


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

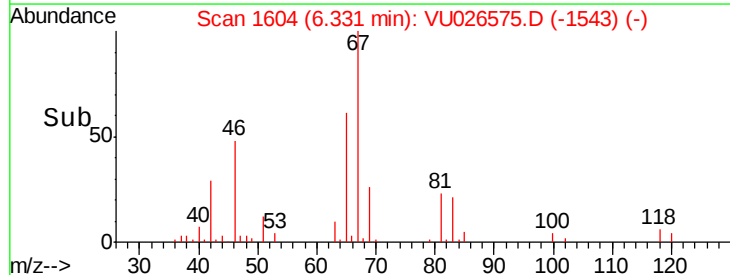
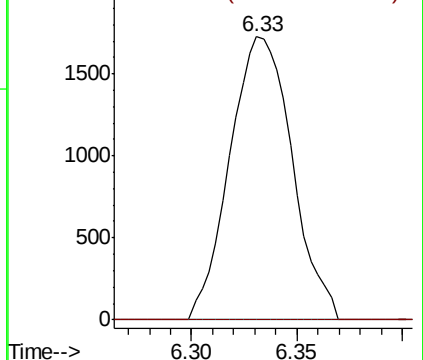


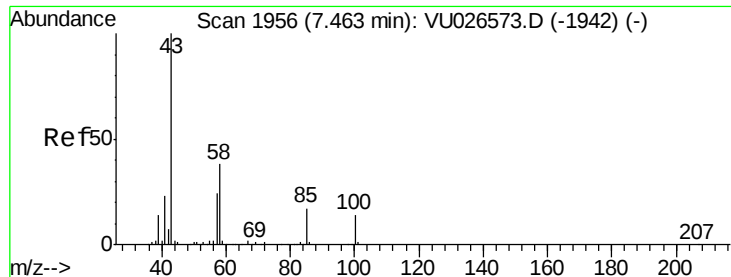
#37
1,2-Dichloropropane
Concen: 7.047 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026575.D
Acq: 06 Sep 2018 13:01

Tgt Ion: 63 Resp: 3545
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

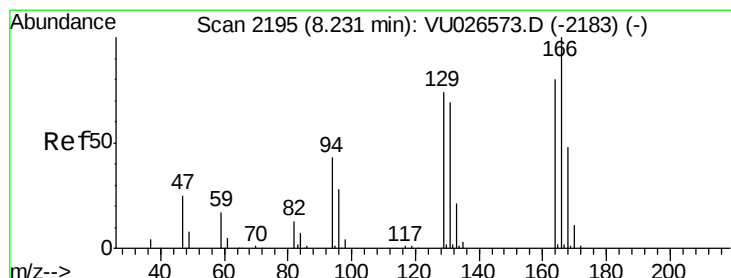
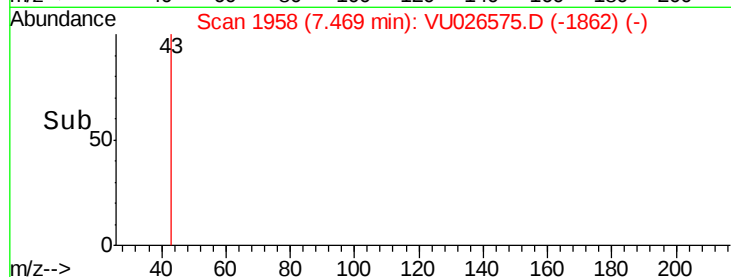
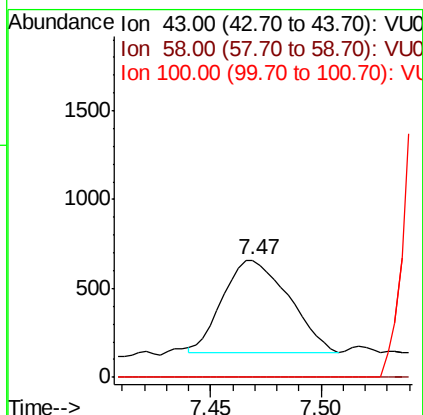
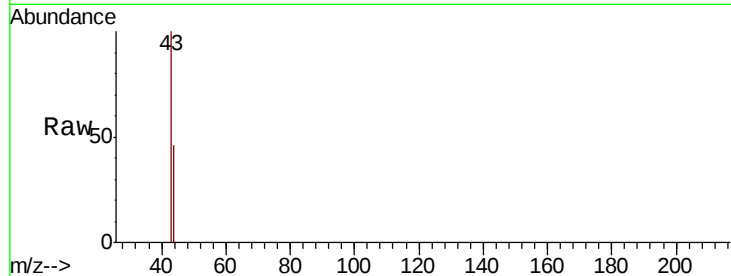




#40
 4-Methyl-2-pentanone
 Concen: 1.582 ug/L
 RT: 7.47 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: VU026575.D
 Acq: 06 Sep 2018 13:01

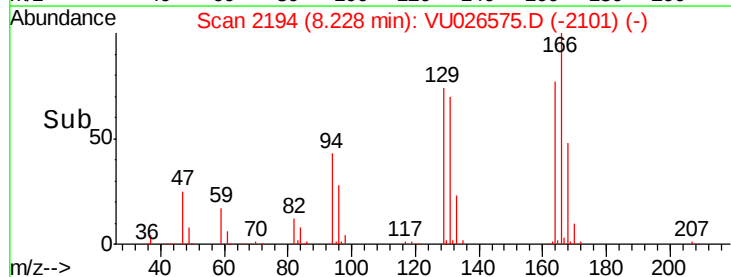
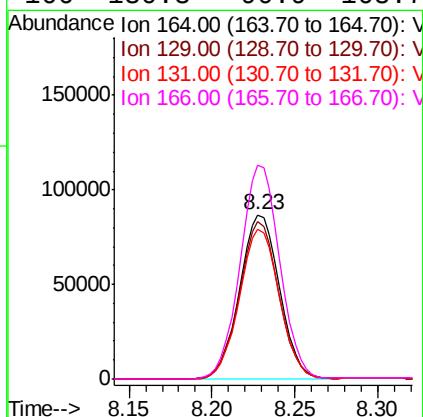
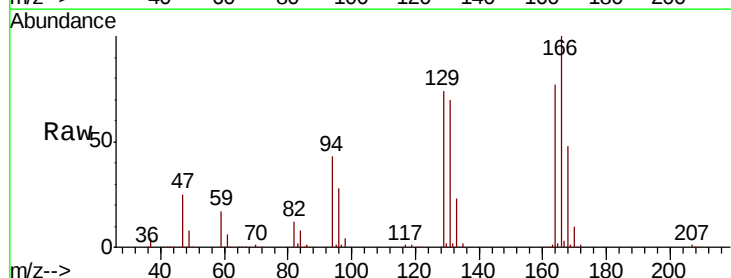
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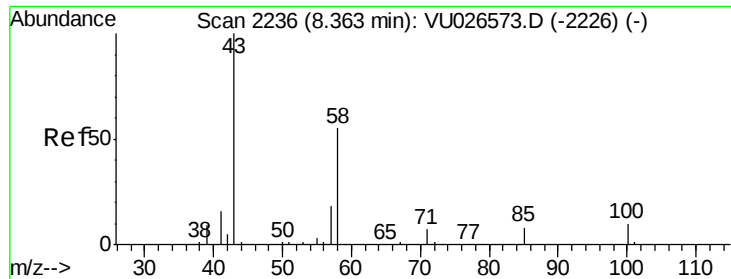
Tgt Ion: 43 Resp: 1073
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.4 45.6#
 100 0.0 11.0 16.4#



#46
 Tetrachloroethene
 Concen: 391.051 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VU026575.D
 Acq: 06 Sep 2018 13:01

Tgt Ion: 164 Resp: 145720
 Ion Ratio Lower Upper
 164 100
 129 95.9 67.3 125.1
 131 91.1 65.3 121.3
 166 130.3 90.9 168.7

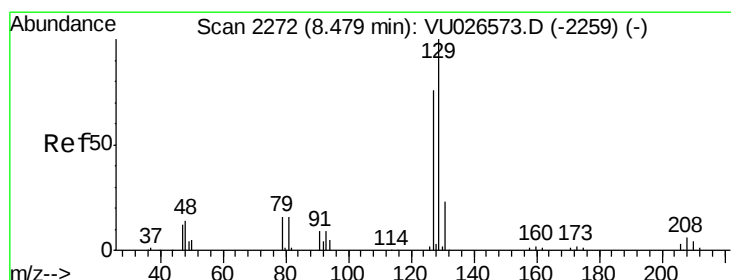
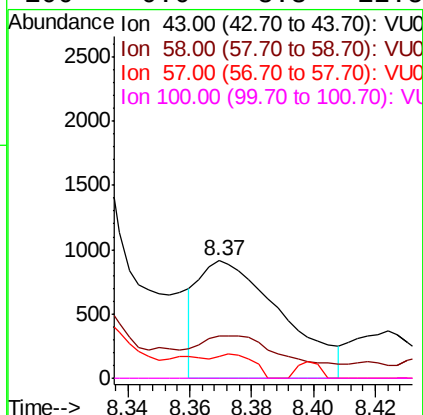
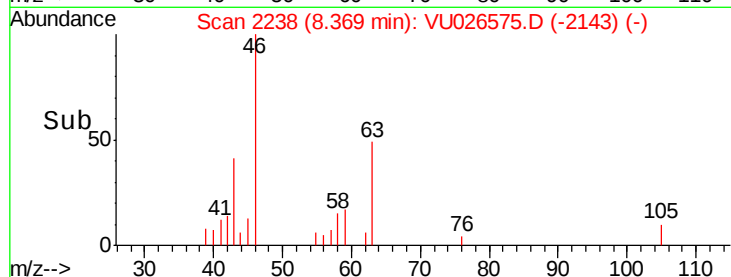
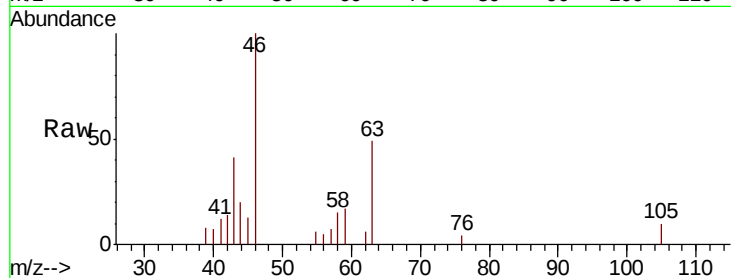




#48
2-Hexanone
Concen: 3.178 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU026575.D
Acq: 06 Sep 2018 13:01

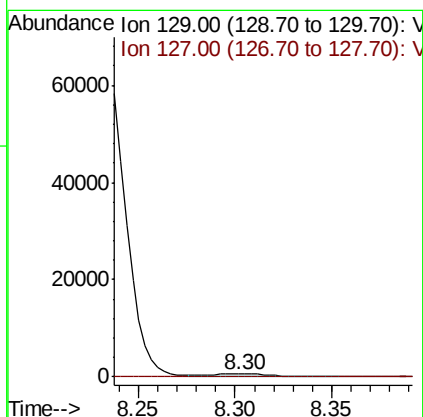
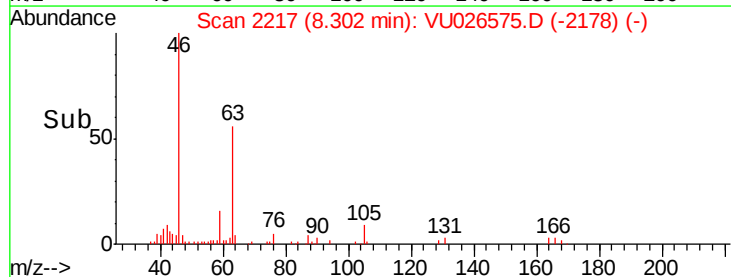
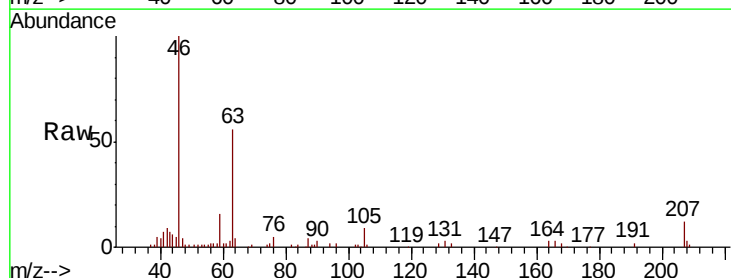
Instrument :
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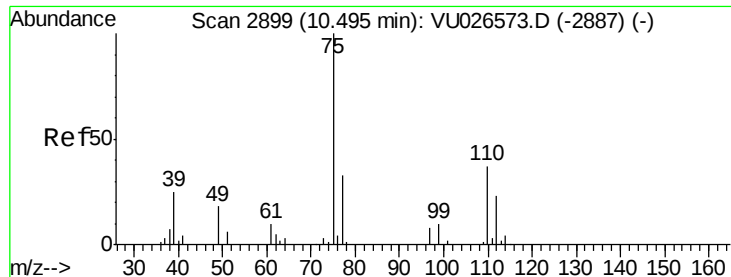
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 30.0 42.2 63.4#
57 9.1 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 3.000 ug/L
RT: 8.30 min Scan# 2217
Delta R.T. -0.18 min
Lab File: VU026575.D
Acq: 06 Sep 2018 13:01

Tgt Ion: 129 Resp: 1558
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59
 1,2,3-Trichloropropane
 Concen: 3.725 ug/L
 RT: 11.49 min Scan# 3208
 Delta R.T. 0.99 min
 Lab File: VU026575.D
 Acq: 06 Sep 2018 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE18

Tgt Ion: 75 Resp: 2338
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.0 37.6

