

Data File : VU037065.D
Acq On : 05 Mar 2020 02:25
Operator : JC/MD
Sample : L1780-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH7

Quant Time: Mar 05 02:59:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	253199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94066	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.92	69	92346	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.38%
11) 1,1-Dichloroethene-d2	2.59	63	123427	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	4.67	46	154564	100.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.53%
24) Chloroform-d	5.10	84	165968	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.74	65	115548	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.76	84	360692	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.72	67	120979	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.92	98	322446	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%
43) trans-1,3-Dichloropropene-	8.20	79	50355	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
47) 2-Hexanone-d5	8.66	63	112206	96.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170379	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	93938	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	2850	1.070 ug/L	94
13) Acetone	2.66	43	2846	1.800 ug/L	100
33) Benzene	5.81	78	358228	44.784 ug/L	100
35) Methylcyclohexane	6.72	83	26142	7.669 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13338	6.193 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3111	0.938 ug/L #	57
48) 2-Hexanone	8.66	43	12934	5.107 ug/L #	73
51) Chlorobenzene	9.47	112	437126	86.569 ug/L	99
59) 1,2,3-Trichloropropane	11.76	75	3152	1.138 ug/L #	42
62) 1,3-Dichlorobenzene	11.76	146	8545	2.860 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	232847	78.884 ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	135248	45.338 ug/L	99
67) 1,3,5-Trichlorobenzene	13.87	180	23962	12.636 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	23962	16.865 ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	2950	2.078 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

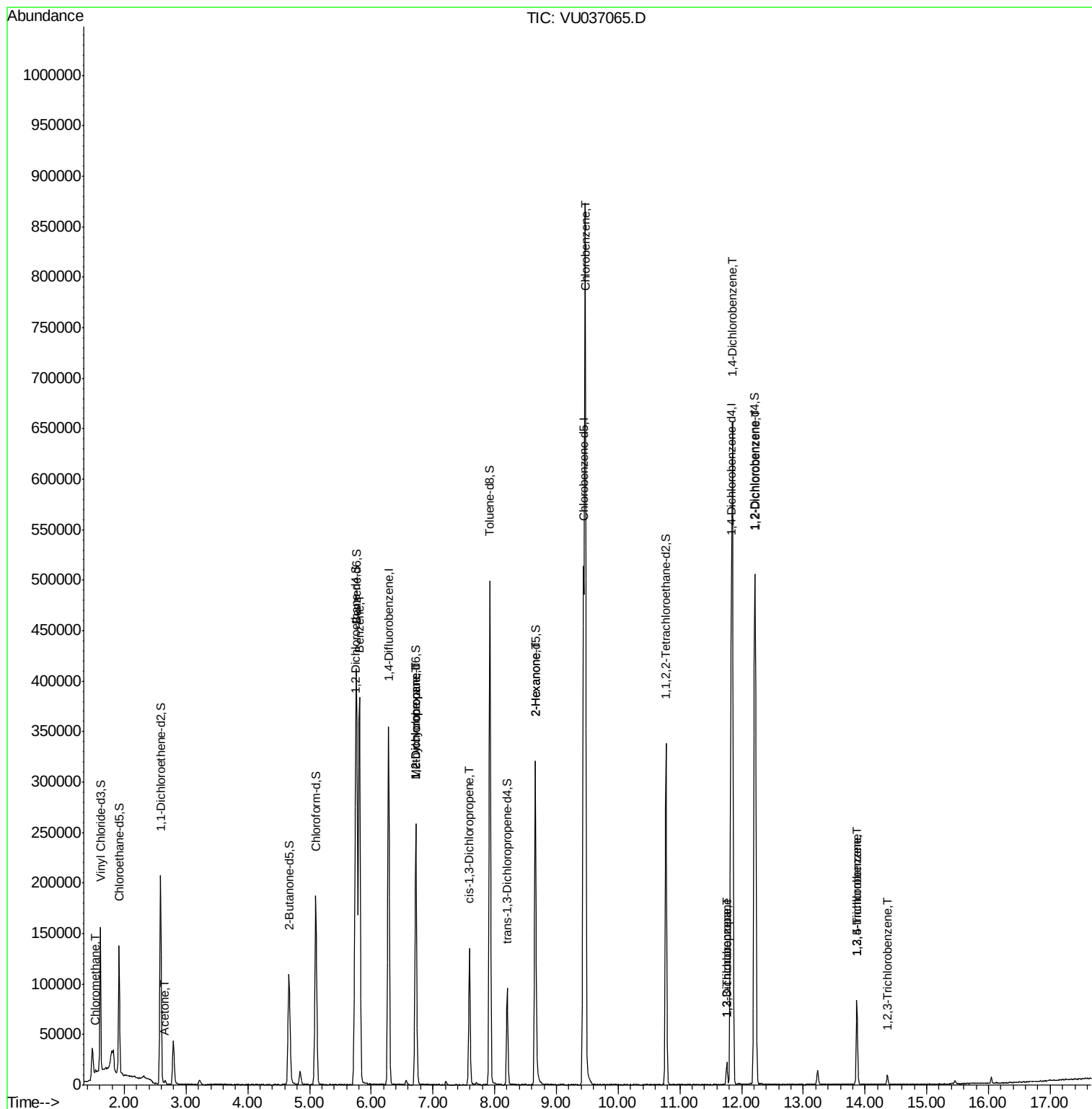
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

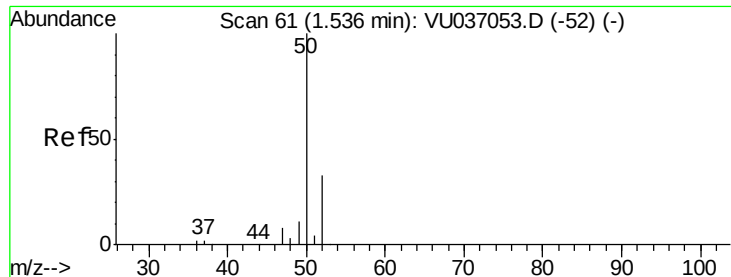
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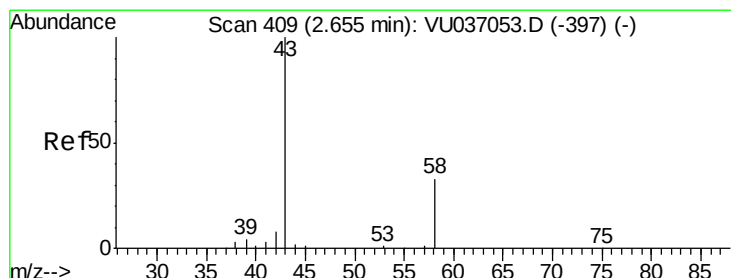
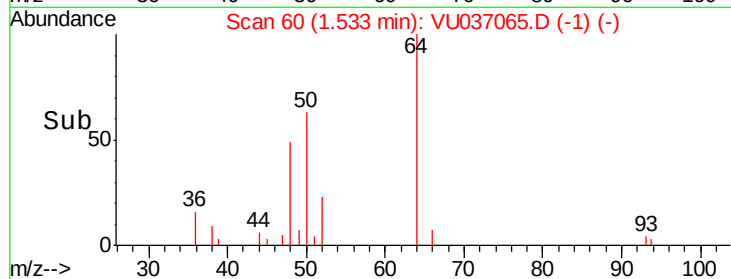
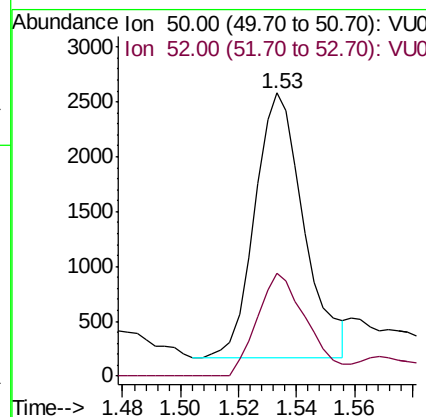
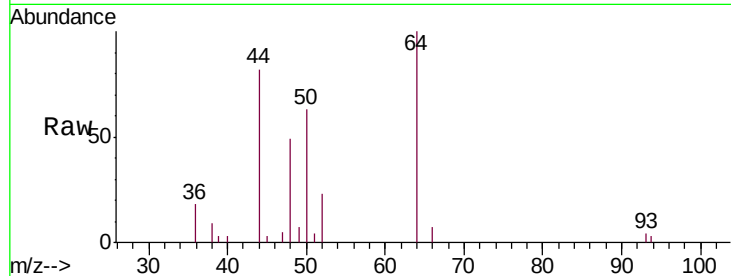




#3
Chloromethane
Concen: 1.070 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037065.D
Acq: 05 Mar 2020 02:25

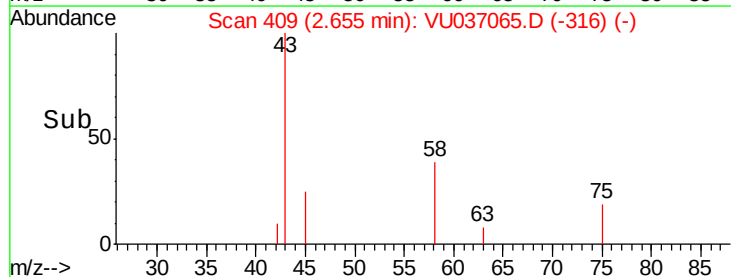
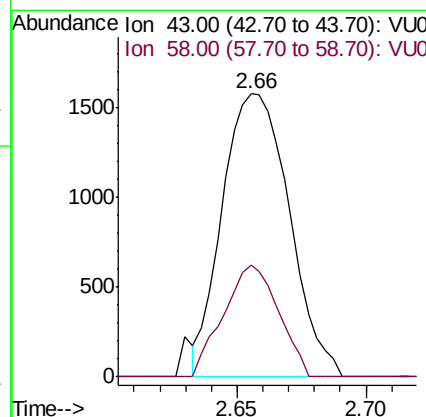
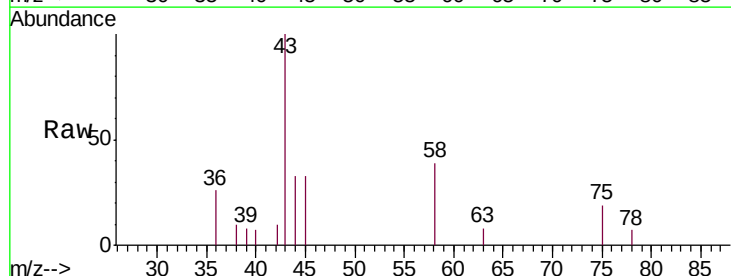
Instrument :
MSVOA_U
ClientSampleId :
C0DH7

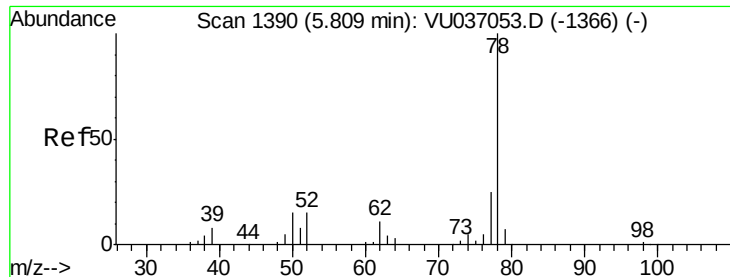
Tgt Ion: 50 Resp: 2850
Ion Ratio Lower Upper
50 100
52 36.2 23.0 42.6



#13
Acetone
Concen: 1.800 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037065.D
Acq: 05 Mar 2020 02:25

Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.6





#33

Benzene

Concen: 44.784 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

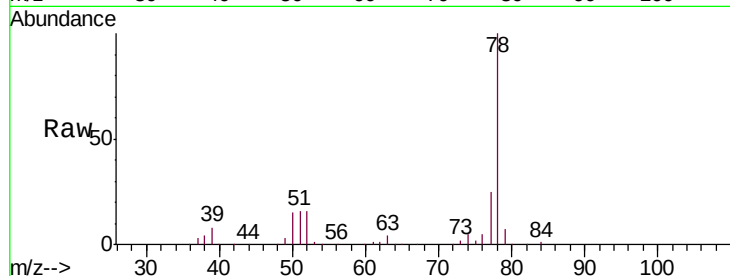
Instrument :

MSVOA_U

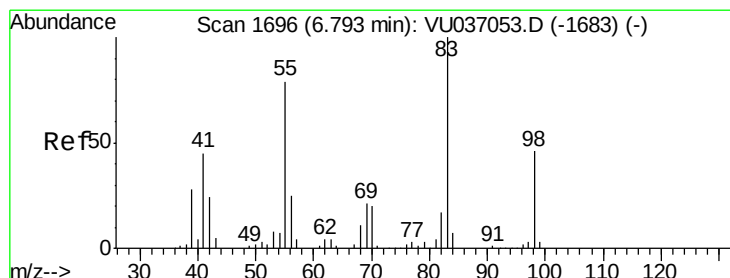
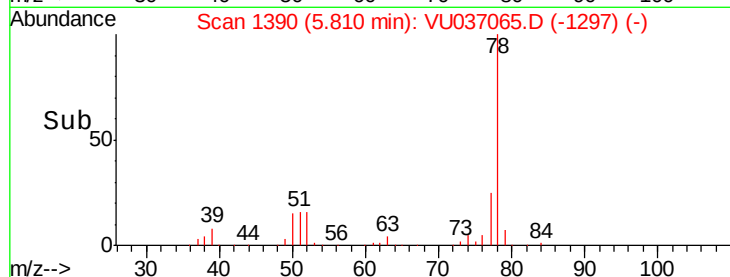
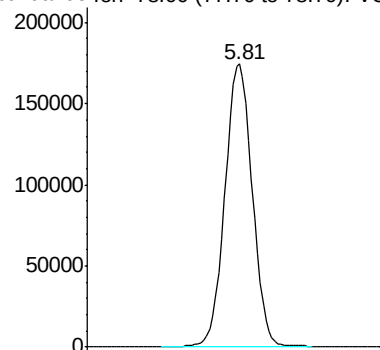
ClientSampleId :

C0DH7

Tgt Ion: 78 Resp: 358228



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 7.669 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

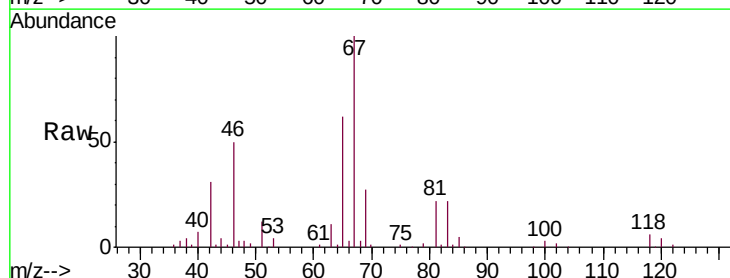
Tgt Ion: 83 Resp: 26142

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

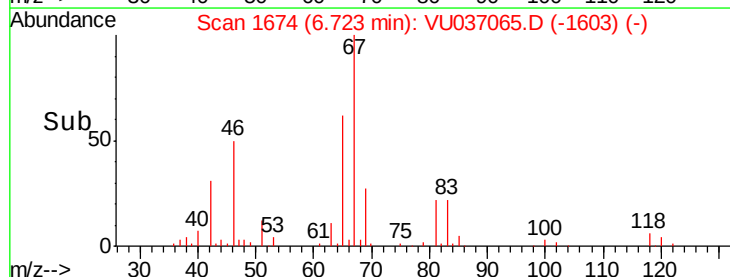
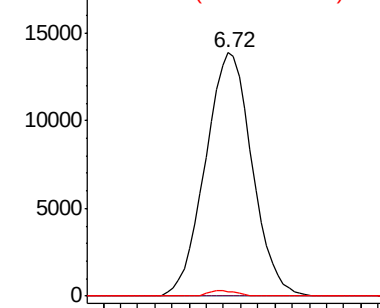
98 1.3 35.1 52.7#

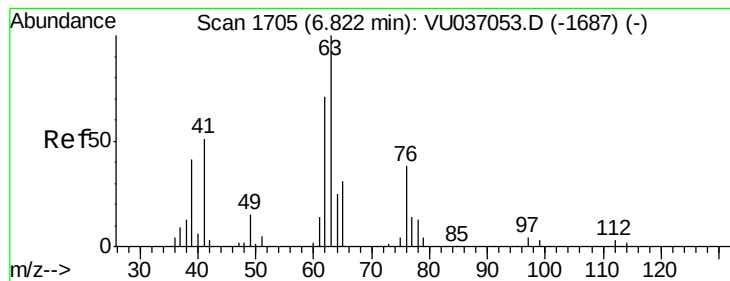


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 6.193 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

Instrument :

MSVOA_U

ClientSampleId :

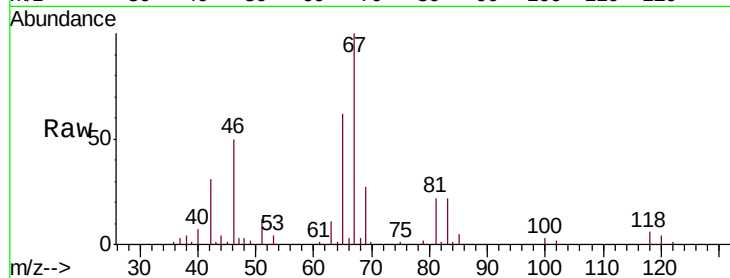
C0DH7

Tgt Ion: 63 Resp: 13338

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037053.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037053.D (-1687) (-)

8000

6000

4000

2000

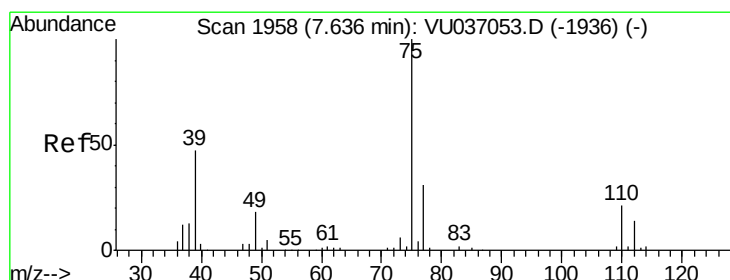
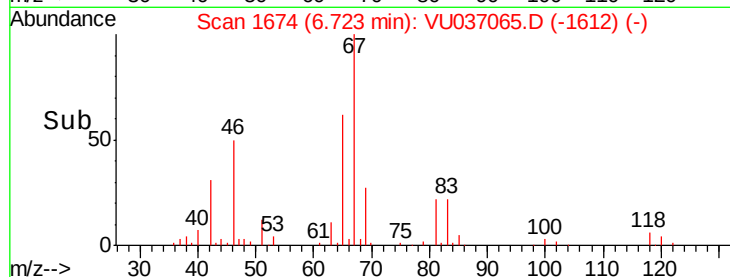
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.938 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037065.D

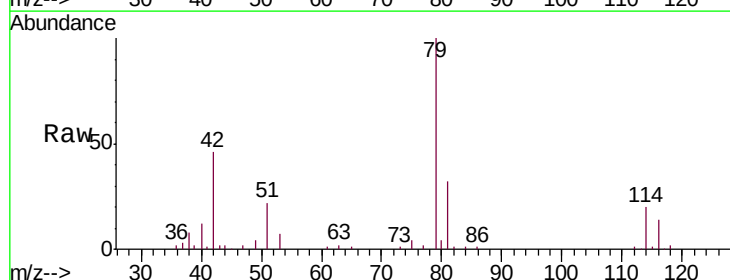
Acq: 05 Mar 2020 02:25

Tgt Ion: 75 Resp: 3111

Ion Ratio Lower Upper

75 100

77 55.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037053.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU037053.D (-1936) (-)

2000

1500

1000

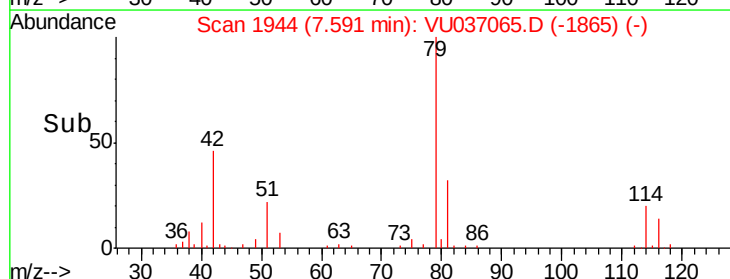
500

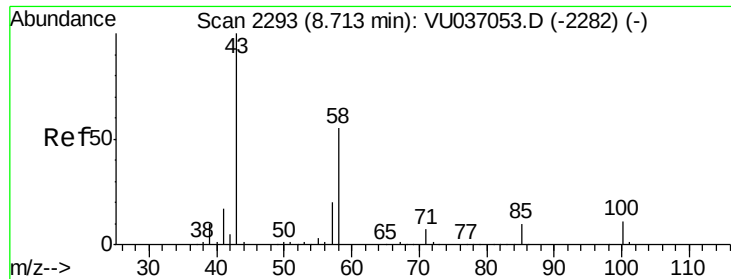
0

7.55

7.60

Time-->

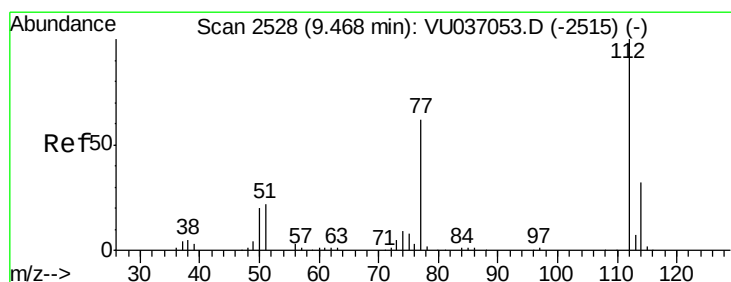
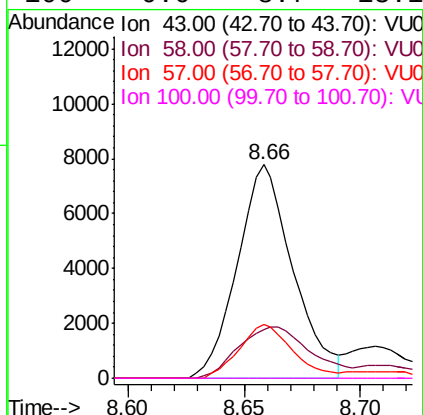
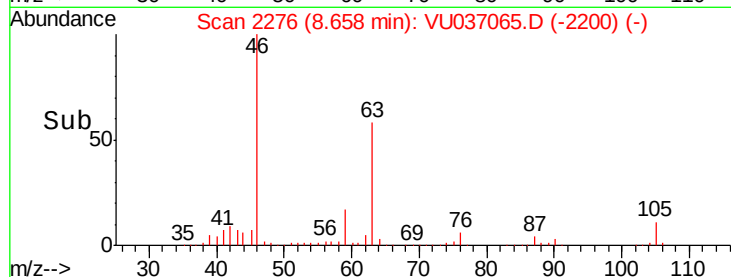
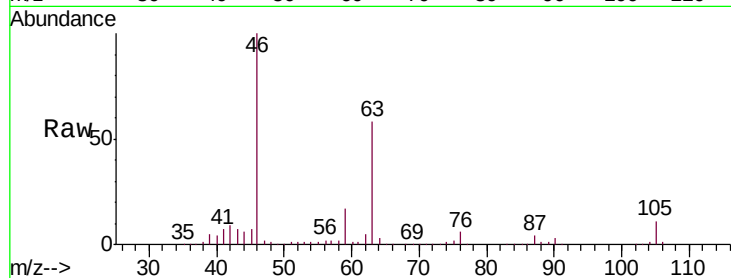




#48
2-Hexanone
Concen: 5.107 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU037065.D
Acq: 05 Mar 2020 02:25

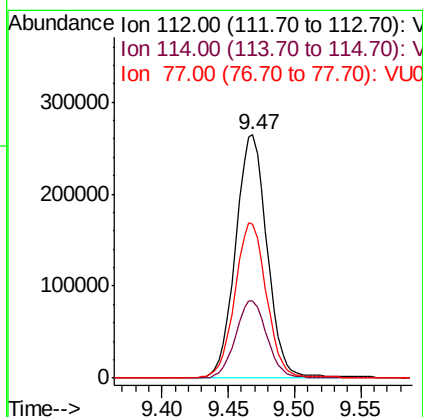
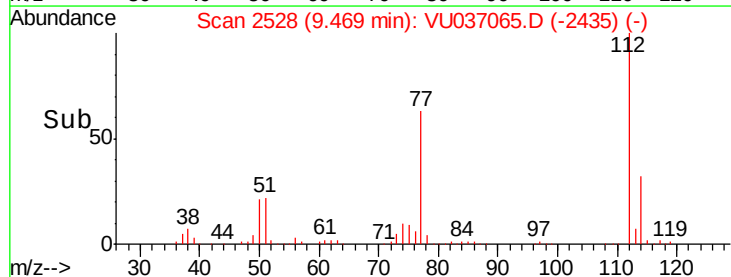
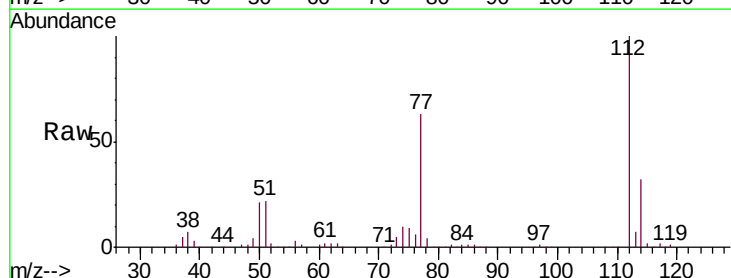
Instrument :
MSVOA_U
ClientSampleId :
C0DH7

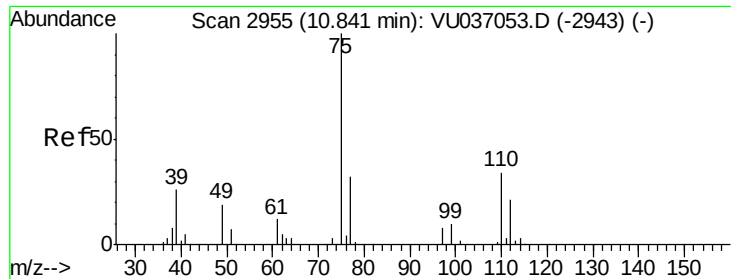
Tgt Ion: 43 Resp: 12934
Ion Ratio Lower Upper
43 100
58 31.5 43.5 65.3#
57 24.4 15.1 22.7#
100 0.0 8.7 13.1#



#51
Chlorobenzene
Concen: 86.569 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU037065.D
Acq: 05 Mar 2020 02:25

Tgt Ion: 112 Resp: 437126
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 63.4 50.1 75.1

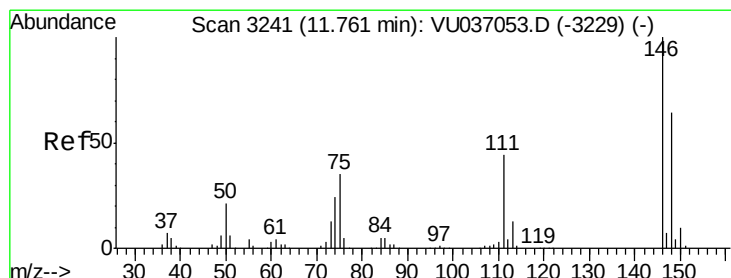
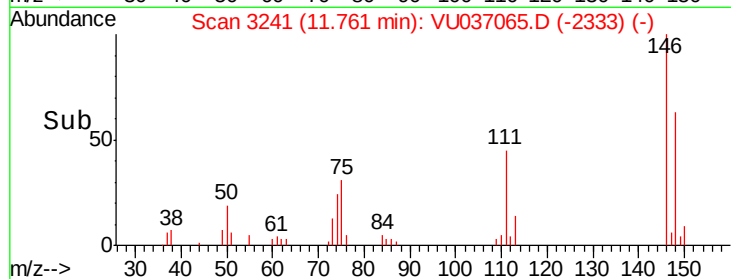
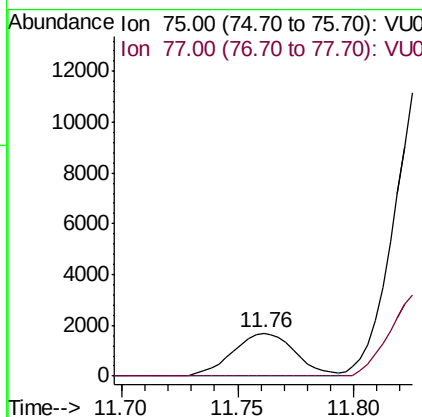
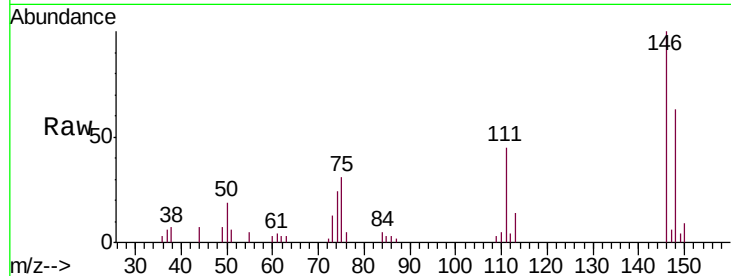




#59
 1,2,3-Trichloropropane
 Concen: 1.138 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.92 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

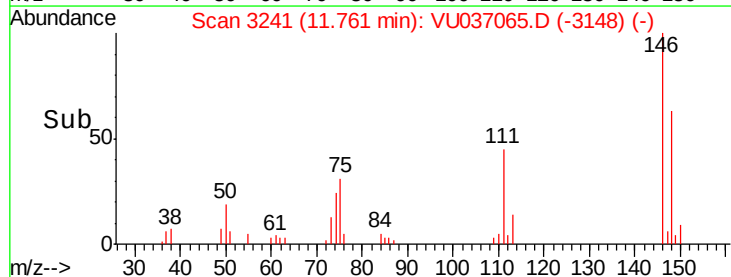
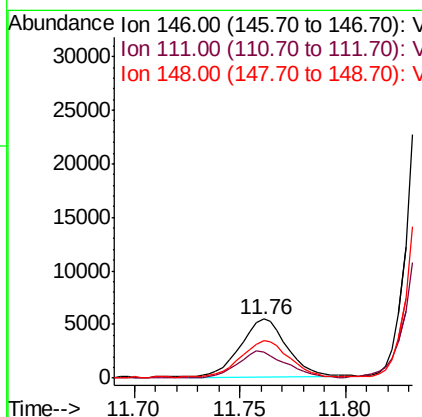
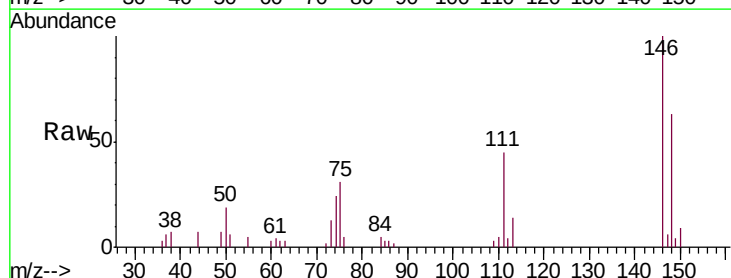
Instrument :
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 ClientSampled :
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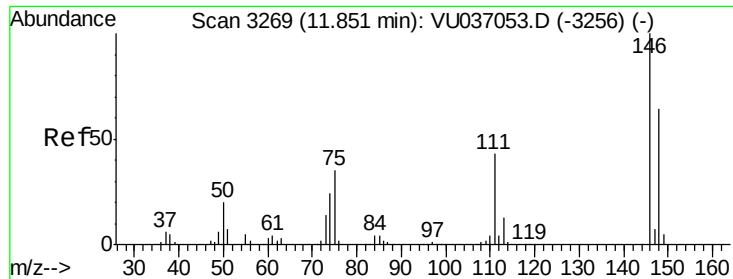
Tgt Ion: 75 Resp: 3152
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#



#62
 1,3-Dichlorobenzene
 Concen: 2.860 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

Tgt Ion: 146 Resp: 8545
 Ion Ratio Lower Upper
 146 100
 111 44.7 30.7 56.9
 148 63.0 44.2 82.2

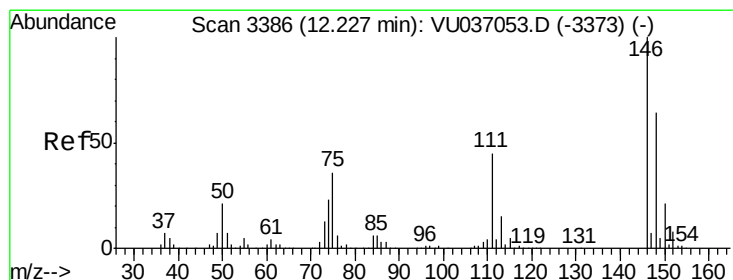
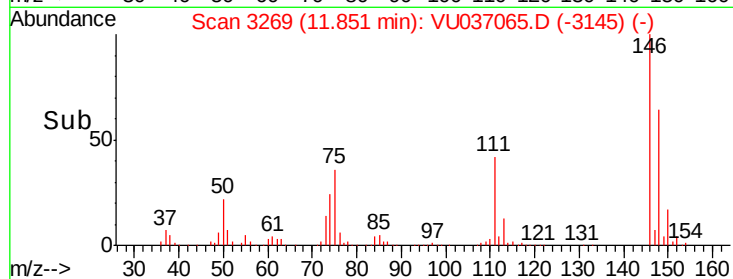
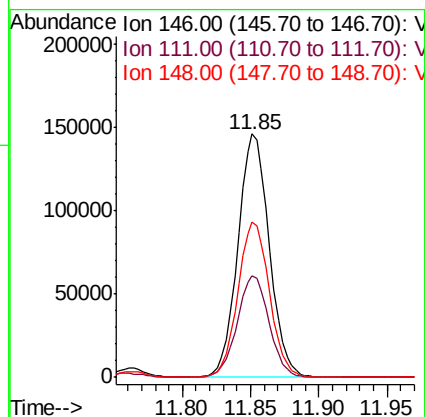
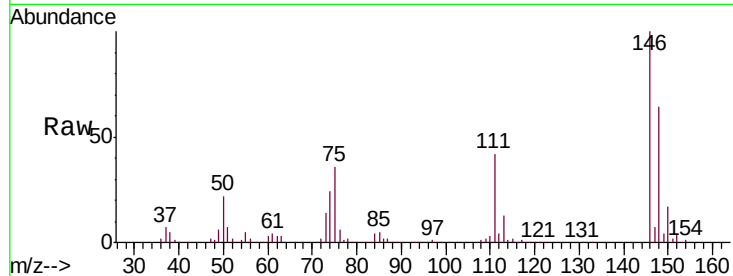




#63
 1,4-Dichlorobenzene
 Concen: 78.884 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

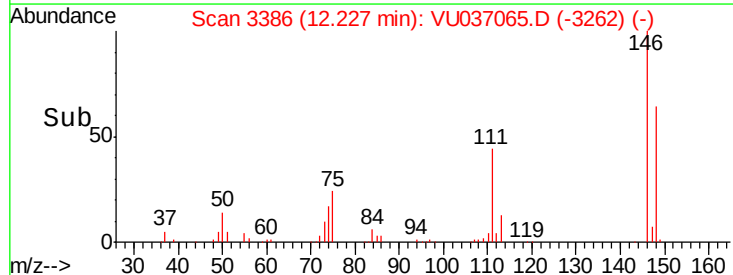
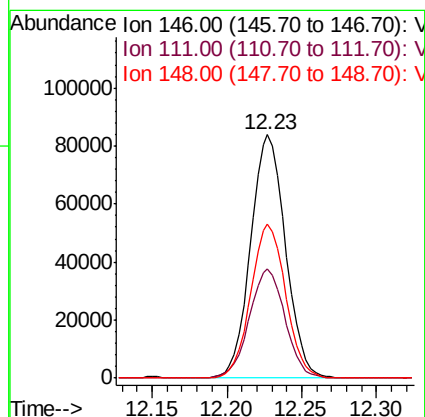
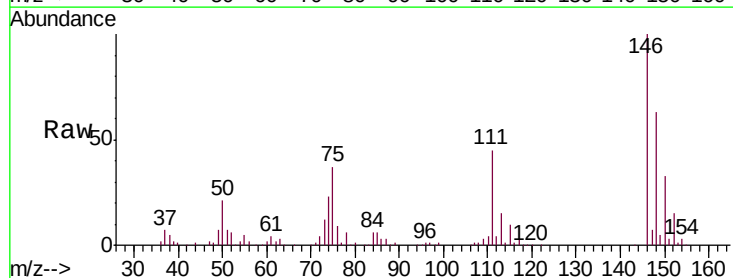
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

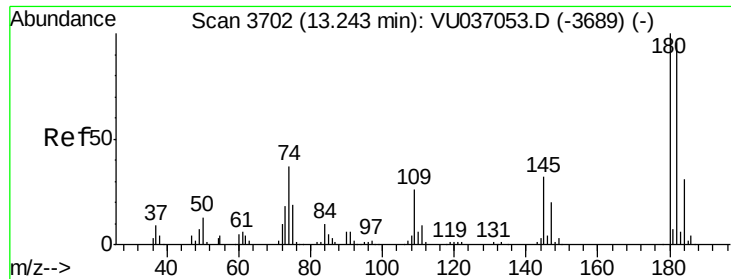
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 Ion Ratio Lower Upper
 146 100
 111 41.8 29.8 55.4
 148 63.6 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 45.338 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

Tgt Ion:146 Resp: 135248
 Ion Ratio Lower Upper
 146 100
 111 45.0 35.4 53.0
 148 63.4 50.5 75.7

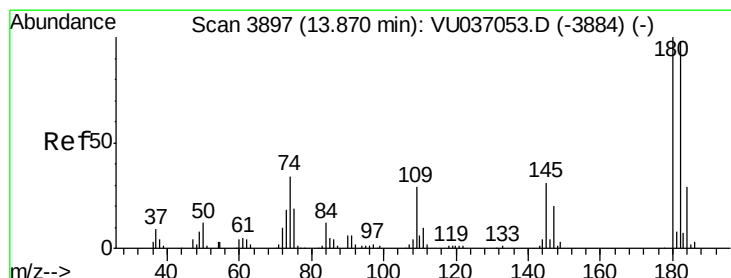
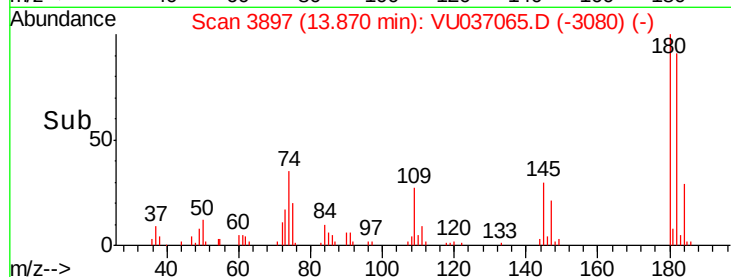
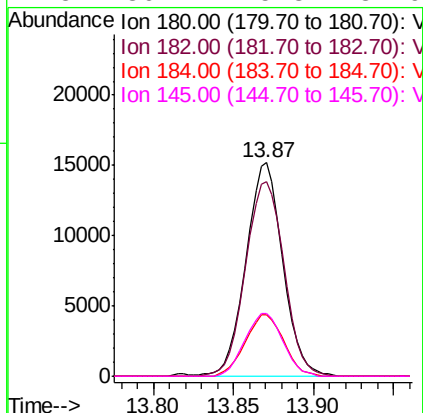
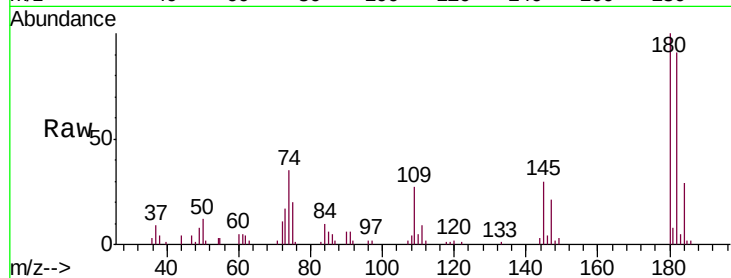




#67
 1,3,5-Trichlorobenzene
 Concen: 12.636 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.63 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

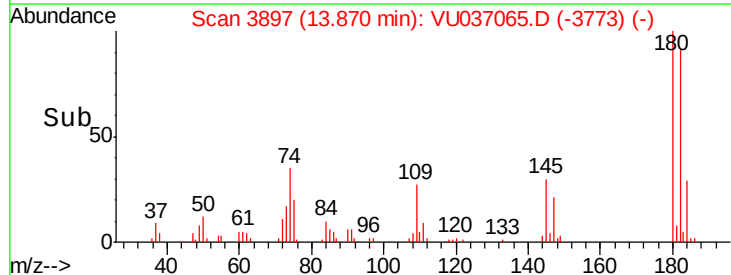
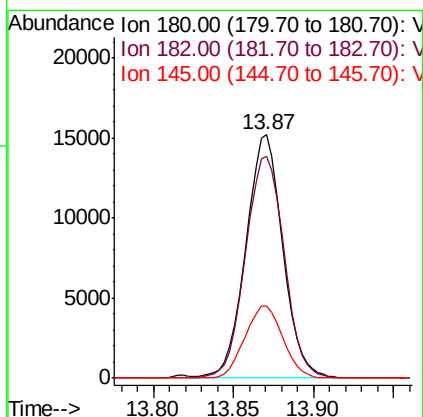
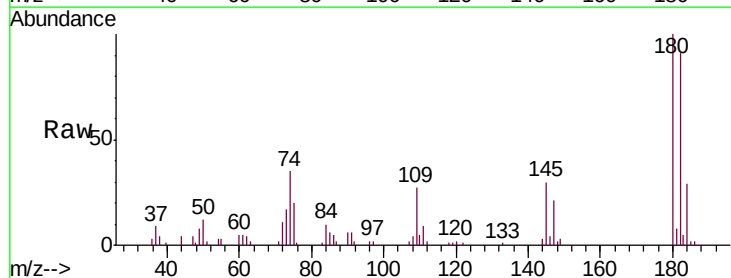
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

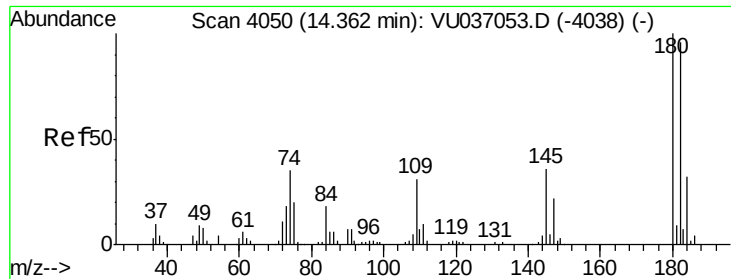
Tgt Ion:	180	Resp:	23962
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.9	115.3
184	29.8	24.2	36.2
145	30.2	25.3	37.9



#68
 1,2,4-trichlorobenzene
 Concen: 16.865 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

Tgt Ion:	180	Resp:	23962
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.3	112.9
145	30.2	26.2	39.4





#70
 1,2,3-Trichlorobenzene
 Concen: 2.078 ug/L
 RT: 14.36 min Scan# 4050
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

Tgt Ion:180 Resp: 2950
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.0 115.6
 145 31.1 28.1 42.1

