

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038565.D
 Acq On : 05 Jun 2020 12:16
 Operator : SY/MD
 Sample : L2860-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D37

Quant Time: Jun 06 00:14:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	303069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300864	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64711	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.93	69	60062	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.59	63	109128	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.67	46	306890	51.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.00%
24) Chloroform-d	5.10	84	167060	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.74	65	101142	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	328147	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.72	67	103864	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	275868	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.20	79	40962	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.65	63	253630	51.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95956	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	123188	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

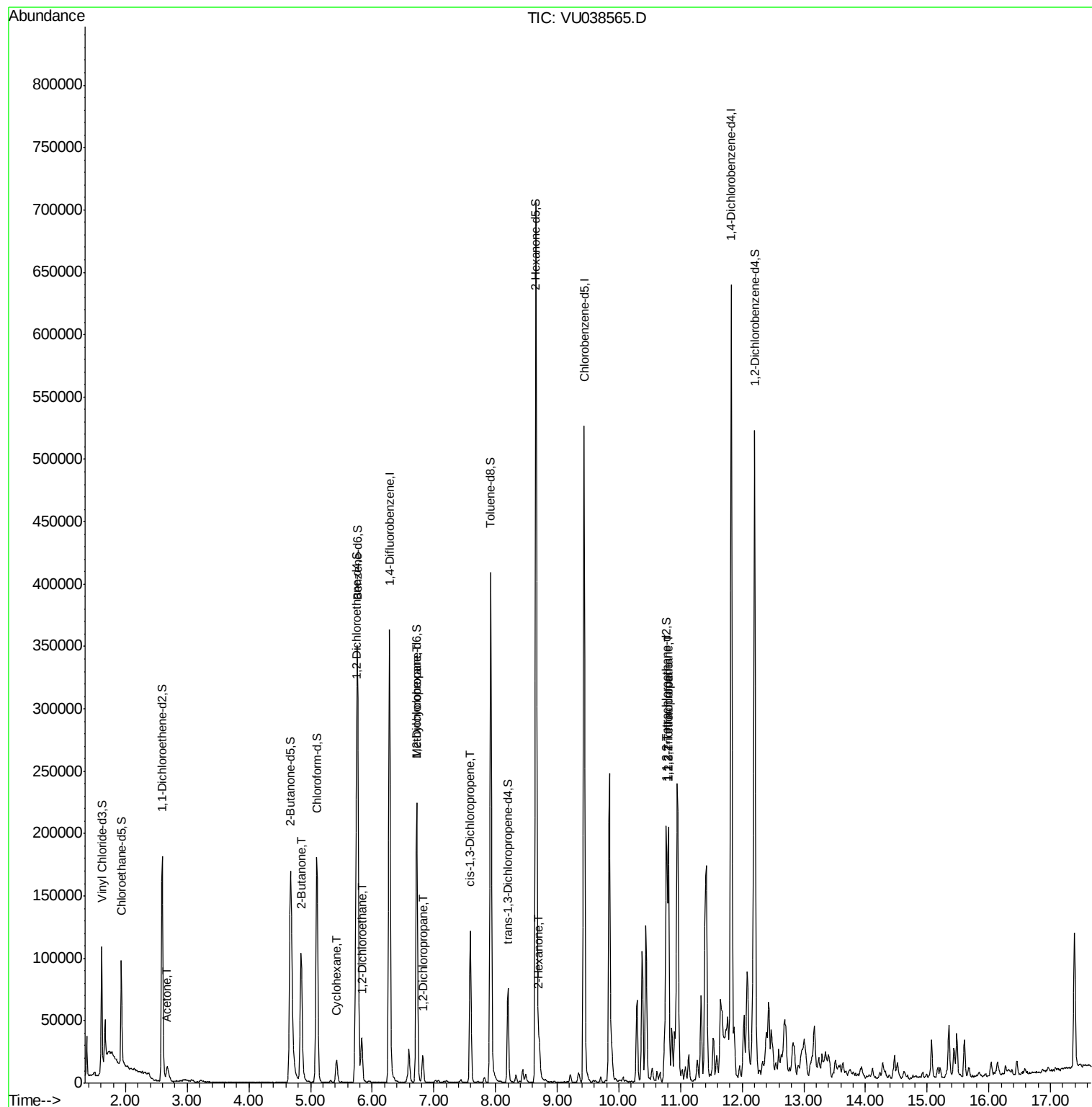
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	21453	5.501	ug/L	64
21) 2-Butanone	4.85	43	146579	22.348	ug/L #	50
27) 1,2-Dichloroethane	5.83	62	28872	1.122	ug/L	99
30) Cyclohexane	5.42	56	8618	0.258	ug/L	98
35) Methylcyclohexane	6.72	83	25988	0.771	ug/L #	17
37) 1,2-Dichloropropane	6.82	63	7589	0.359	ug/L #	97
39) cis-1,3-Dichloropropene	7.59	75	3330	0.107	ug/L #	81
48) 2-Hexanone	8.71	43	18689	1.634	ug/L	93
58) 1,1,2,2-Tetrachloroethane	10.80	83	7827	0.387	ug/L #	60
59) 1,2,3-Trichloropropane	10.81	75	2973	0.189	ug/L	94

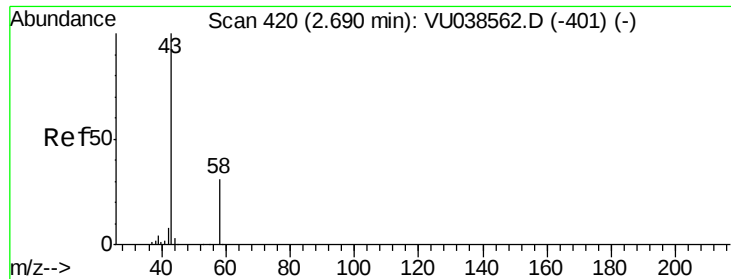
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.501 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

Lab File: VU038565.D

Acq: 05 Jun 2020 12:16

Instrument :

MSVOA_U

ClientSampleId :

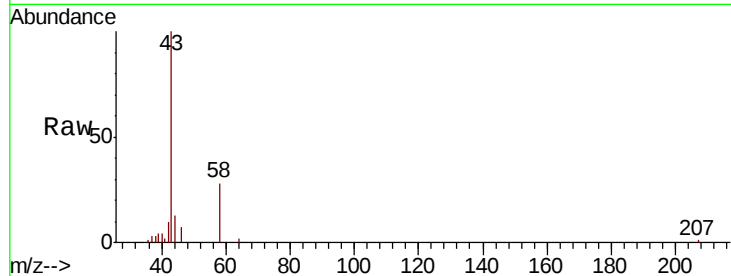
F9D37

Tot Ion: 43 Resp: 21453

Ion Ratio Lower Upper

43 100

58 12.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038562.D (-401) (-)

2.67

8000

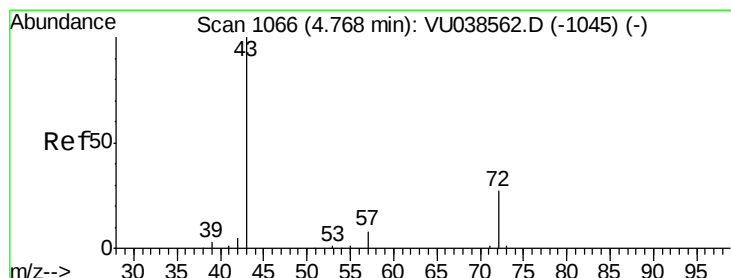
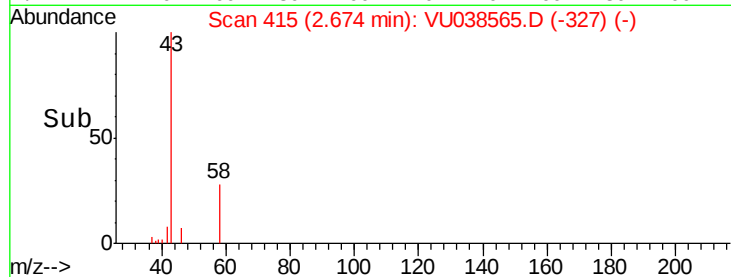
6000

4000

2000

0

Time-->



#21

2-Butanone

Concen: 22.348 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.08 min

Lab File: VU038565.D

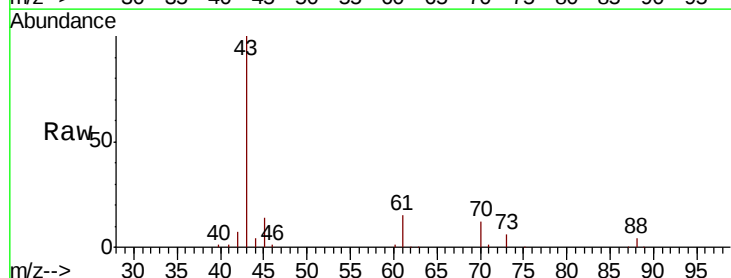
Acq: 05 Jun 2020 12:16

Tgt Ion: 43 Resp: 146579

Ion Ratio Lower Upper

43 100

72 0.2 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-1045) (-)

Ion 72.10 (71.80 to 72.80): VU038562.D (-1045) (-)

4.85

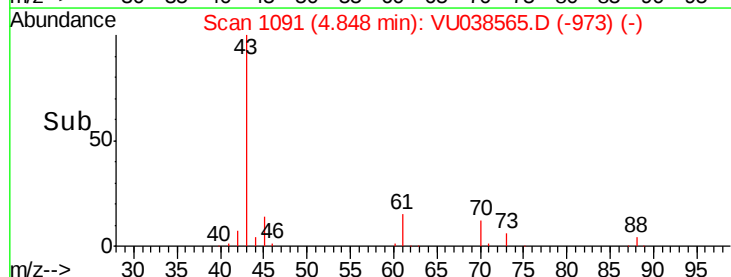
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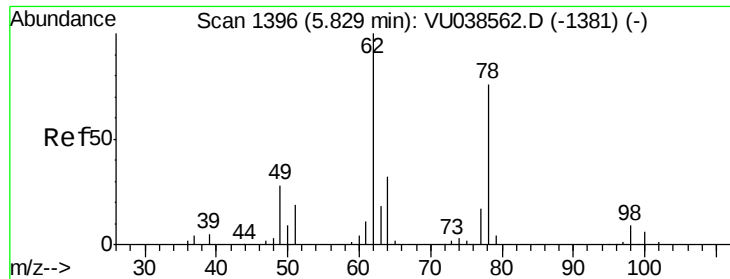
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20000

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Time-->

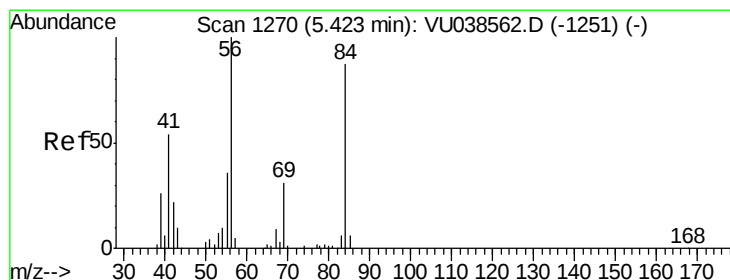
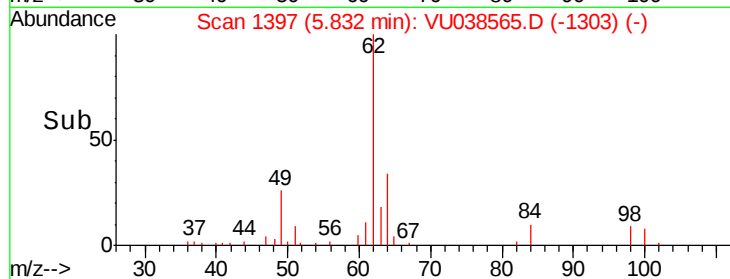
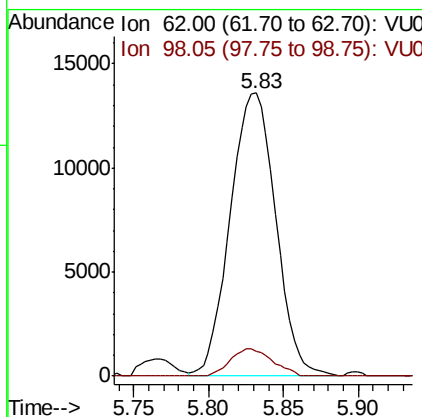
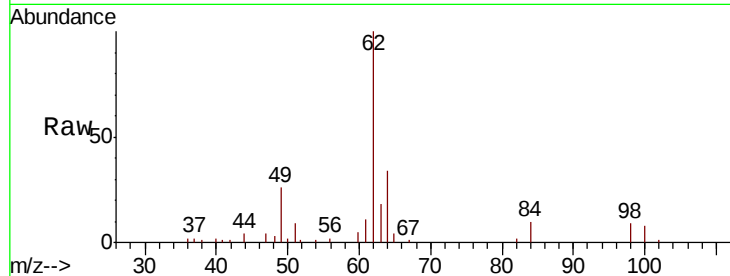




#27
 1,2-Dichloroethane
 Concen: 1.122 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU038565.D
 Acq: 05 Jun 2020 12:16

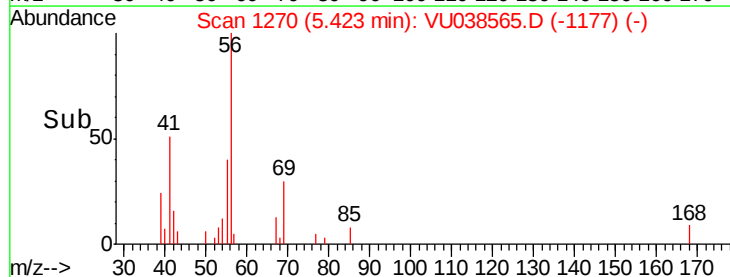
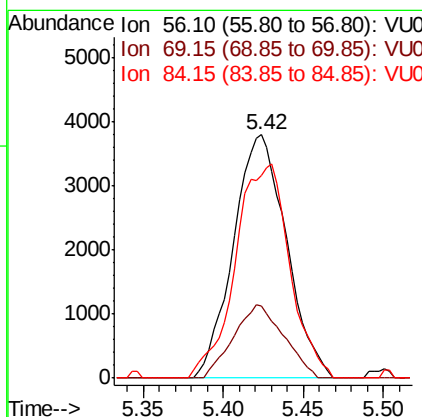
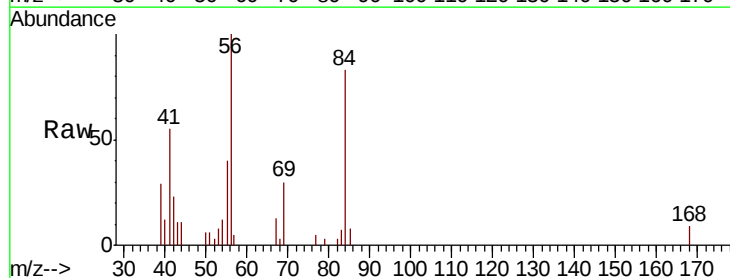
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D37

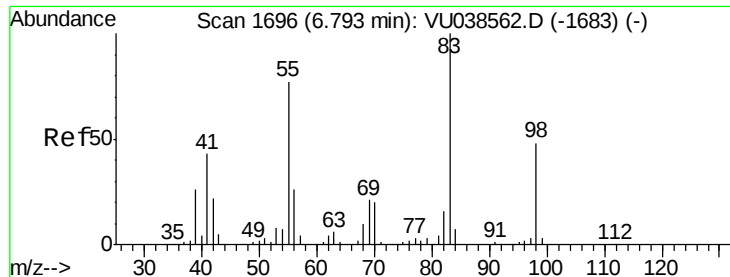
Tot Ion: 62 Resp: 28872
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.4 11.2



#30
 Cyclohexane
 Concen: 0.258 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU038565.D
 Acq: 05 Jun 2020 12:16

Tgt Ion: 56 Resp: 8618
 Ion Ratio Lower Upper
 56 100
 69 28.4 24.2 36.4
 84 90.0 70.8 106.2

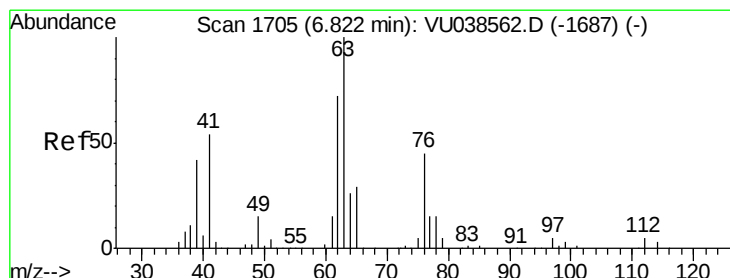
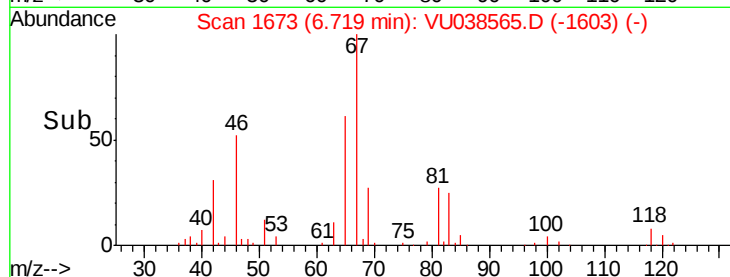
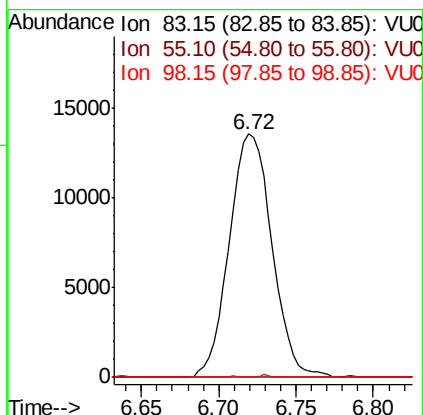
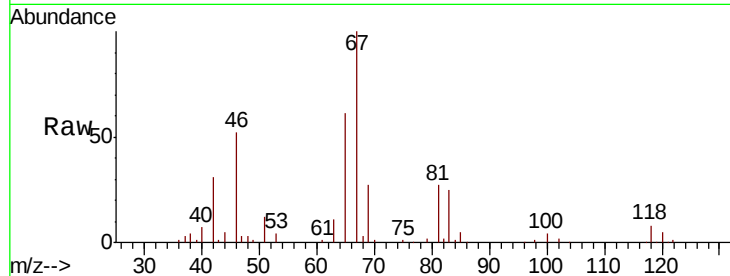




#35
Methvlcvclohexane
Concen: 0.771 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038565.D
Acq: 05 Jun 2020 12:16

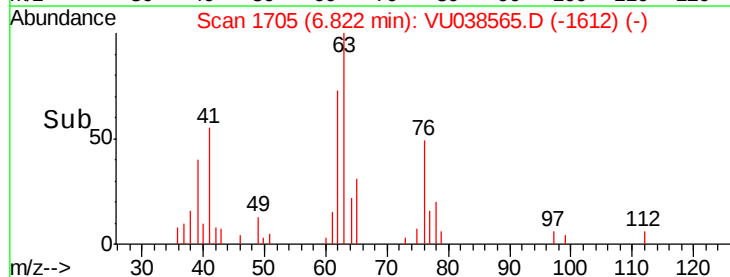
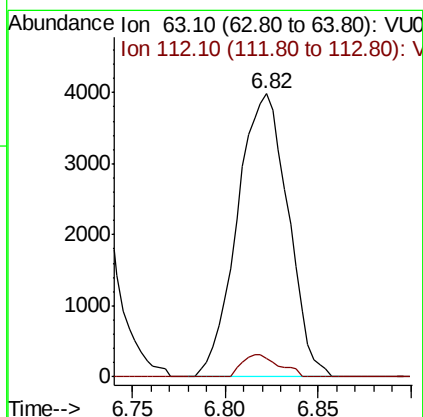
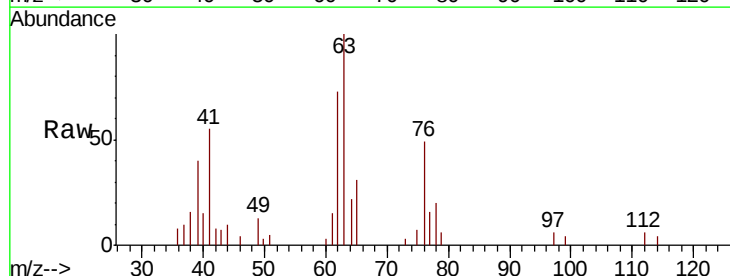
Instrument :
MSVOA_U
ClientSampleId :
F9D37

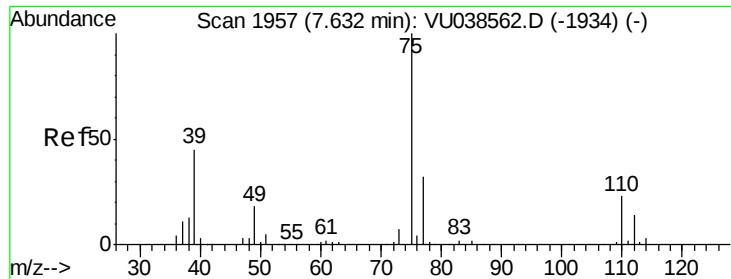
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.4	95.2#
98	0.2	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.359 ug/L
RT: 6.82 min Scan# 1705
Delta R.T. -0.00 min
Lab File: VU038565.D
Acq: 05 Jun 2020 12:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	5.6	3.7	5.5#

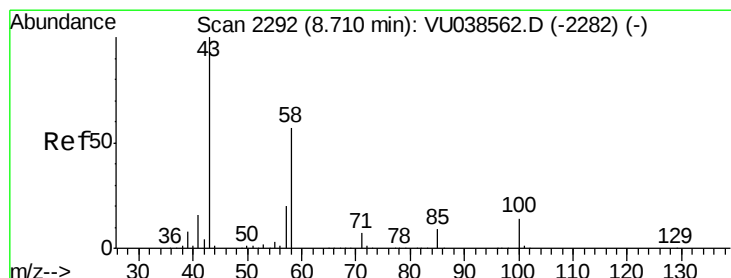
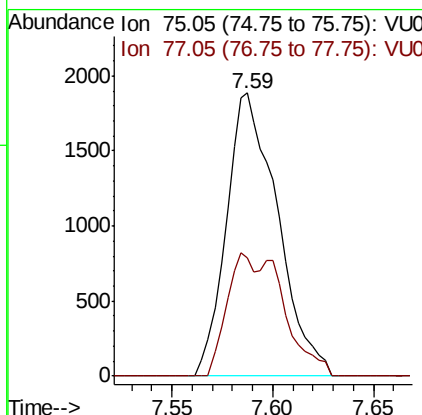
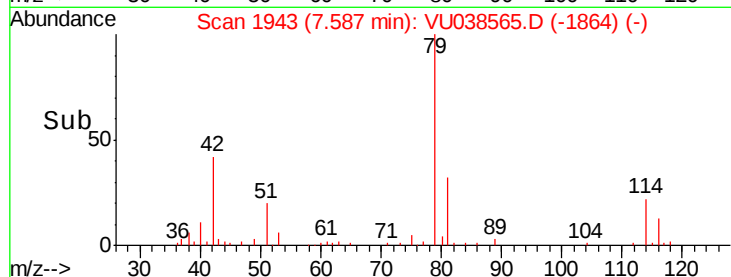
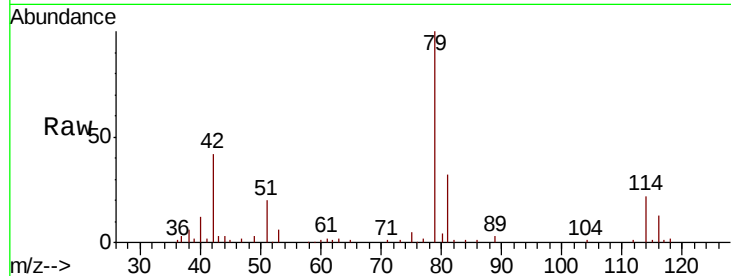




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038565.D
 Acq: 05 Jun 2020 12:16

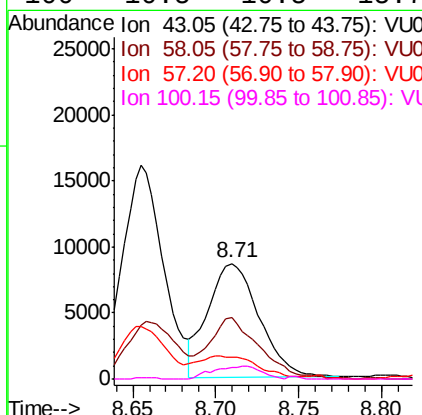
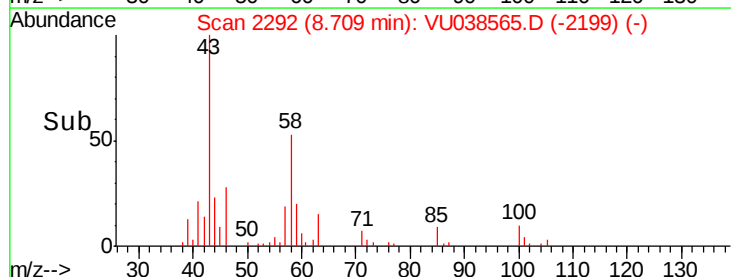
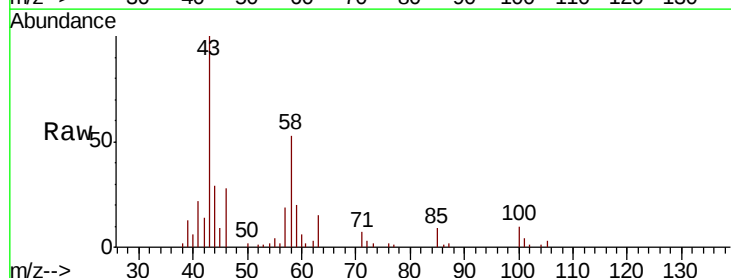
Instrument :
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 ClientSampleId :
 F9D37

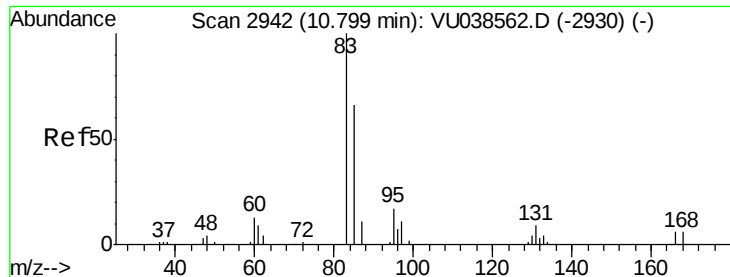
Tot Ion: 75 Resp: 3330
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.634 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038565.D
 Acq: 05 Jun 2020 12:16

Tgt Ion: 43 Resp: 18689
 Ion Ratio Lower Upper
 43 100
 58 52.2 45.4 68.0
 57 23.6 15.9 23.9
 100 10.5 10.5 15.7





#58

1,1,2,2-Tetrachloroethane

Concen: 0.387 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU038565.D

Acq: 05 Jun 2020 12:16

Instrument :

MSVOA_U

ClientSampleId :

F9D37

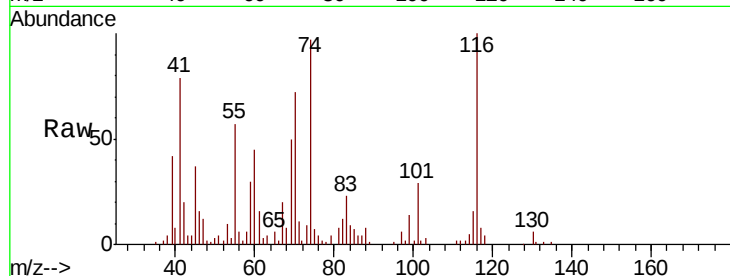
Tot Ion: 83 Resp: 7827

Ion Ratio Lower Upper

83 100

85 29.4 44.2 82.0#

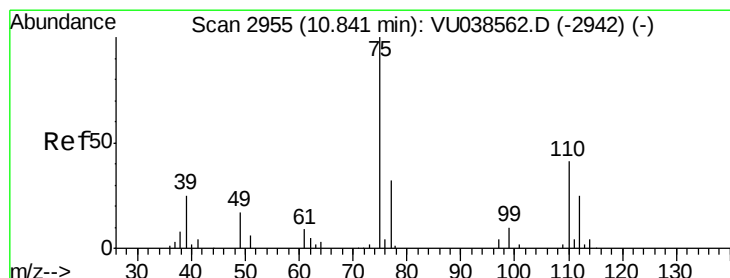
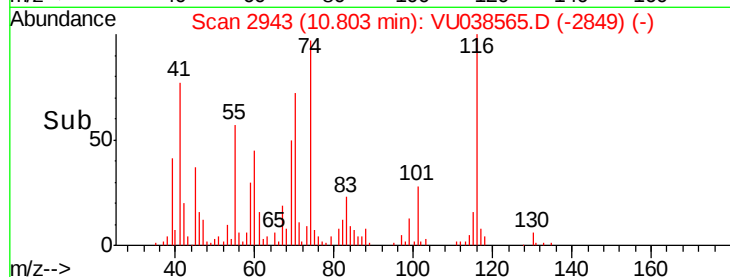
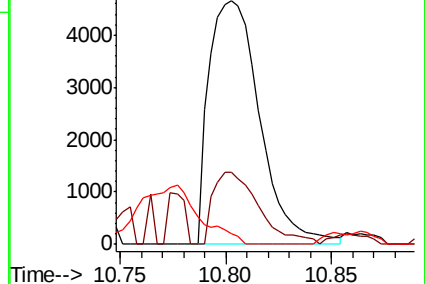
131 4.3 8.1 12.1#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): VU0



#59

1,2,3-Trichloropropane

Concen: 0.189 ug/L

RT: 10.81 min Scan# 2945

Delta R.T. -0.03 min

Lab File: VU038565.D

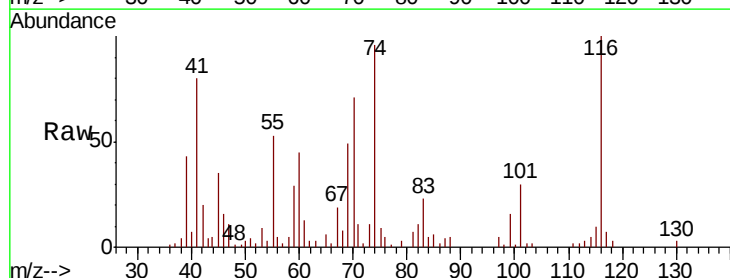
Acq: 05 Jun 2020 12:16

Tgt Ion: 75 Resp: 2973

Ion Ratio Lower Upper

75 100

77 28.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

