

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038597.D
 Acq On : 06 Jun 2020 03:18
 Operator : SY/MD
 Sample : L2910-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D08

Quant Time: Jun 06 06:23:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 06:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296722	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	290012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	144246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63316	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.93	69	58512	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.59	63	104892	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.68	46	307696	52.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.10	84	162583	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	95999	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	322100	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	101377	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.92	98	270905	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.20	79	38820	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.65	63	256979	54.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94248	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	117405	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

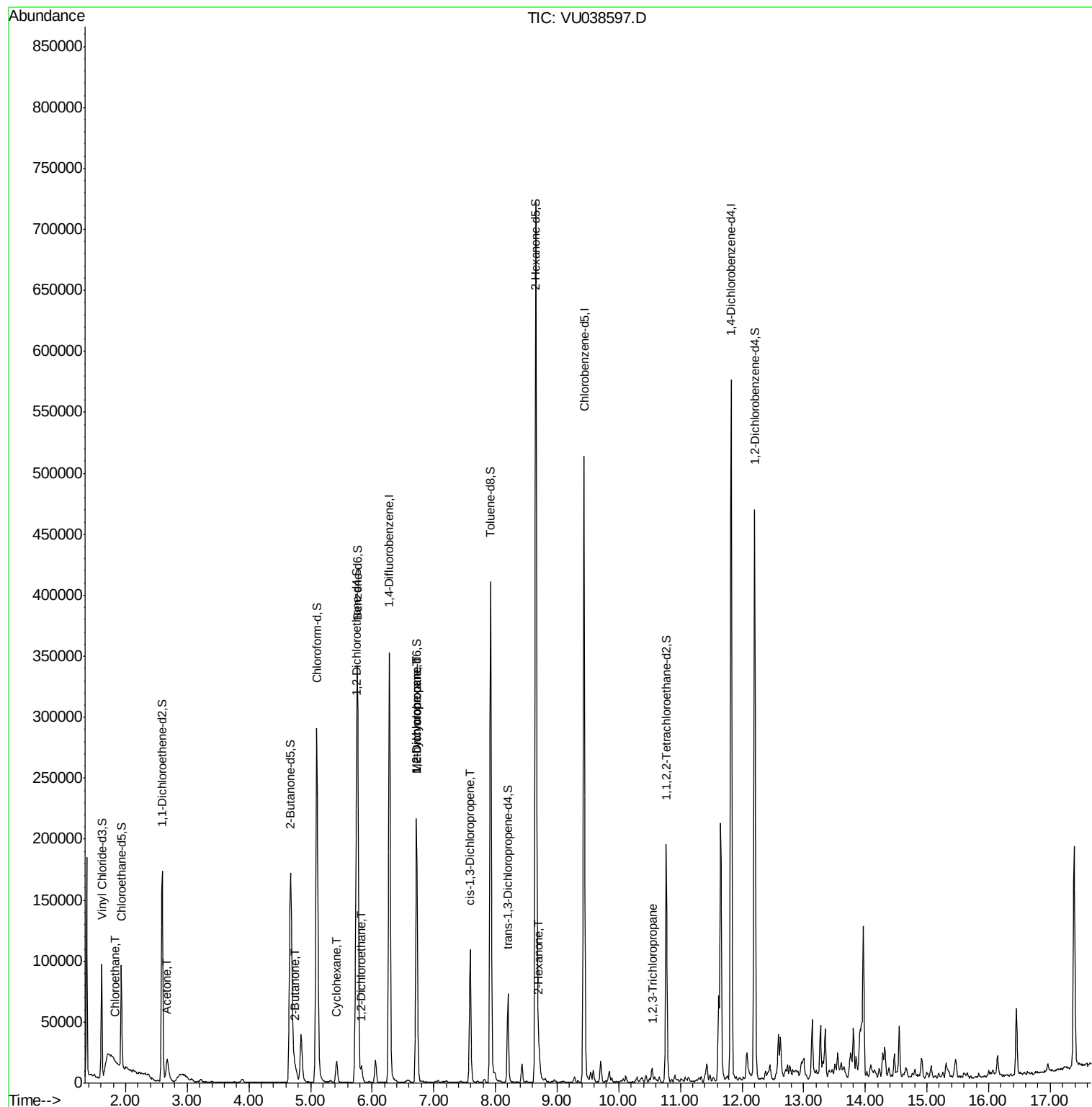
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.84	64	2022	0.147	ug/L #	54
13) Acetone	2.67	43	36113	9.459	ug/L	96
21) 2-Butanone	4.76	43	10821	1.685	ug/L	85
27) 1,2-Dichloroethane	5.83	62	8046	0.319	ug/L	98
30) Cyclohexane	5.43	56	8442	0.262	ug/L	97
35) Methylcyclohexane	6.72	83	24546	0.755	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11381	0.559	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2787	0.093	ug/L #	62
48) 2-Hexanone	8.71	43	14030	1.273	ug/L #	96
59) 1,2,3-Trichloropropane	10.54	75	4847	0.319	ug/L #	70

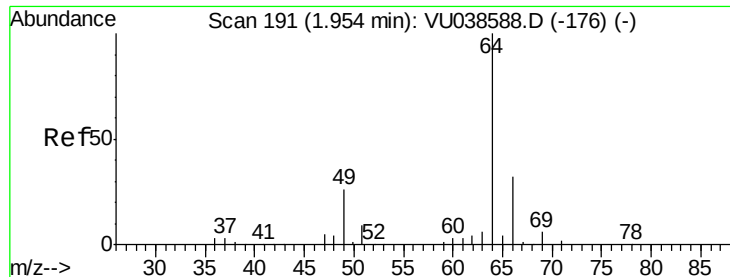
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.147 ug/L

RT: 1.84 min Scan# 155

Delta R.T. -0.12 min

Lab File: VU038597.D

Acq: 06 Jun 2020 03:18

Instrument :

MSVOA_U

ClientSampleId :

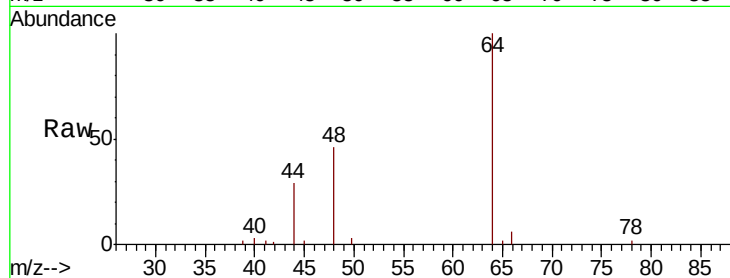
F9D08

Tot Ion: 64 Resp: 2022

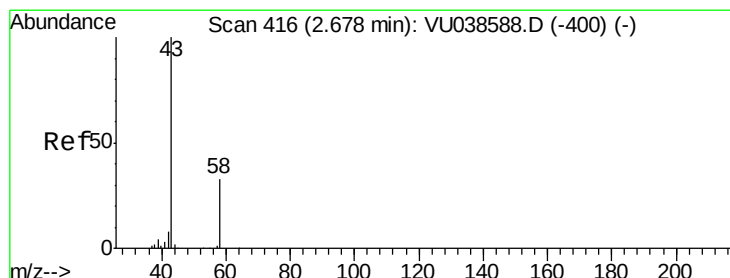
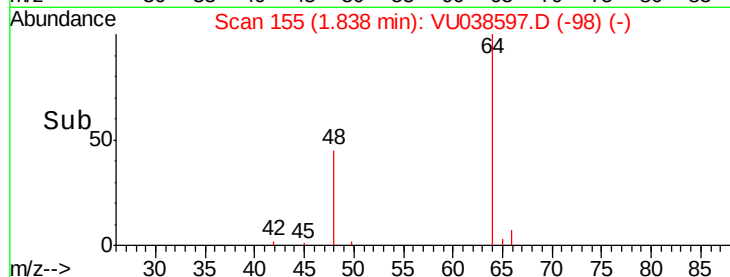
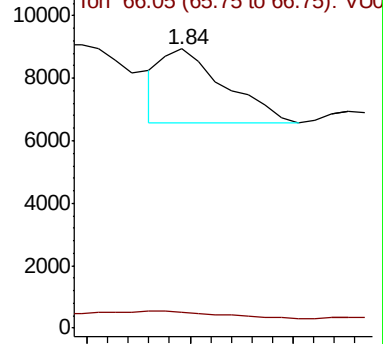
Ion Ratio Lower Upper

64 100

66 5.7 21.5 39.9#



Abundance Ion 64.10 (63.80 to 64.80): VU038597.D (-155) (-)



#13

Acetone

Concen: 9.459 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038597.D

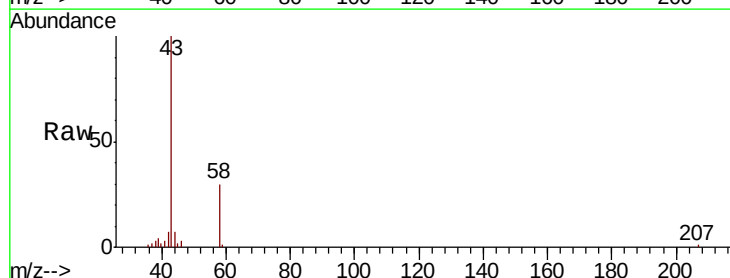
Acq: 06 Jun 2020 03:18

Tgt Ion: 43 Resp: 36113

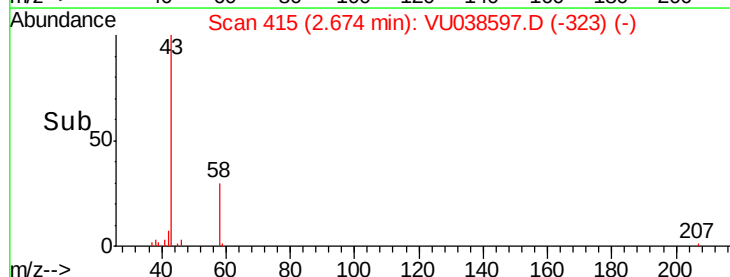
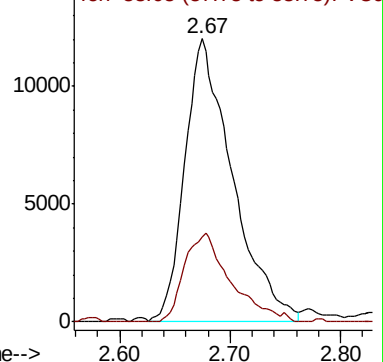
Ion Ratio Lower Upper

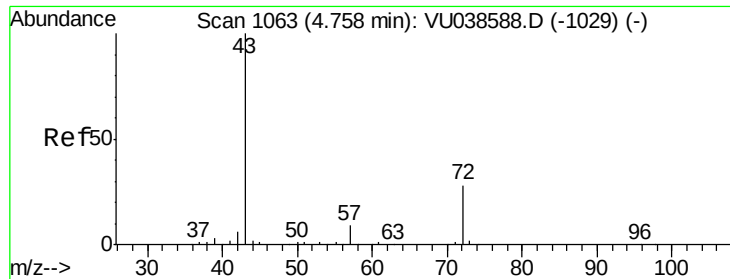
43 100

58 30.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038597.D (-415) (-)





#21

2-Butanone

Concen: 1.685 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU038597.D

Acq: 06 Jun 2020 03:18

Instrument :

MSVOA_U

ClientSampleId :

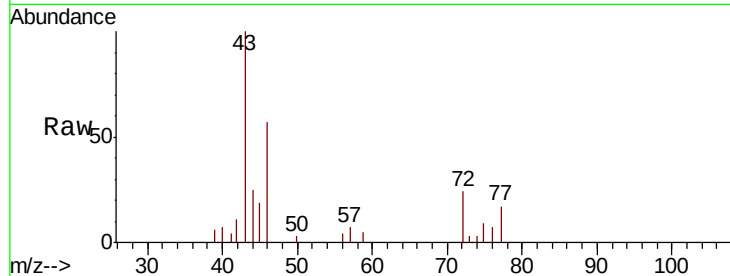
F9D08

Tot Ion: 43 Resp: 10821

Ion Ratio Lower Upper

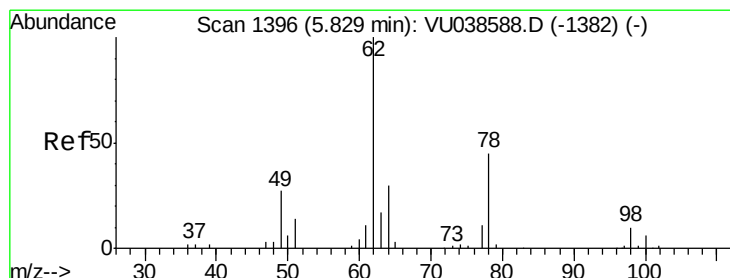
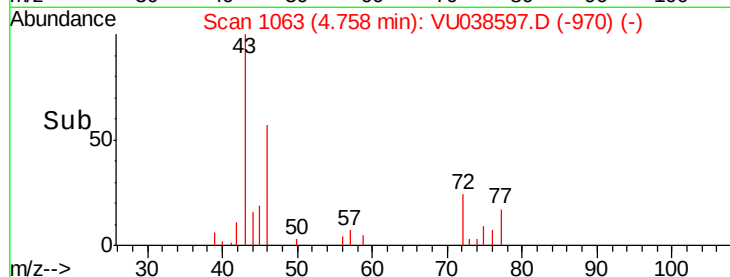
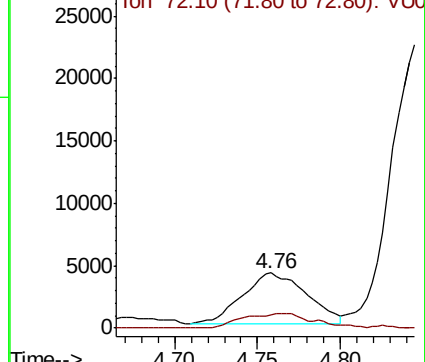
43 100

72 32.7 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-1029) (-)

Ion 72.10 (71.80 to 72.80): VU038588.D (-1029) (-)



#27

1,2-Dichloroethane

Concen: 0.319 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038597.D

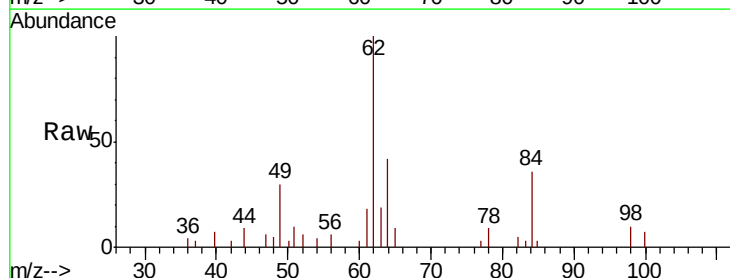
Acq: 06 Jun 2020 03:18

Tgt Ion: 62 Resp: 8046

Ion Ratio Lower Upper

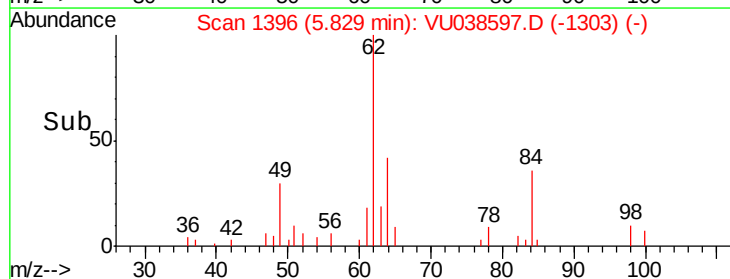
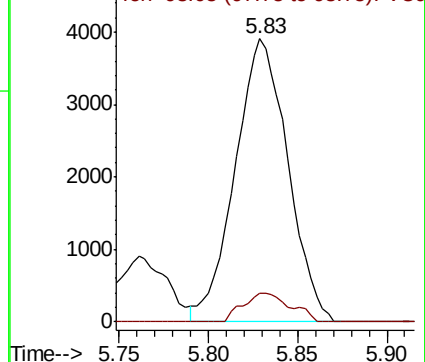
62 100

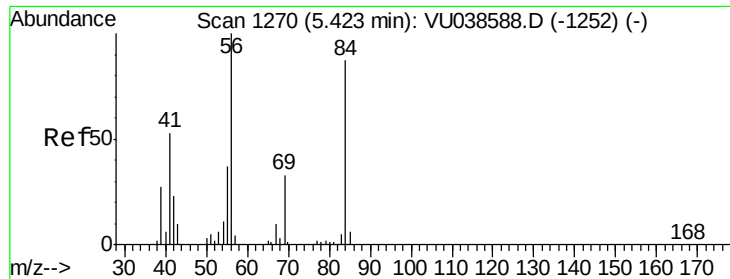
98 10.0 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU038588.D (-1382) (-)

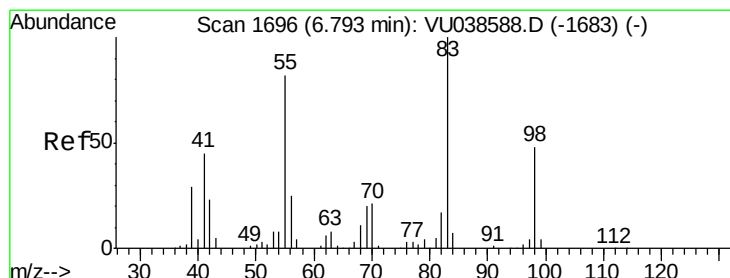
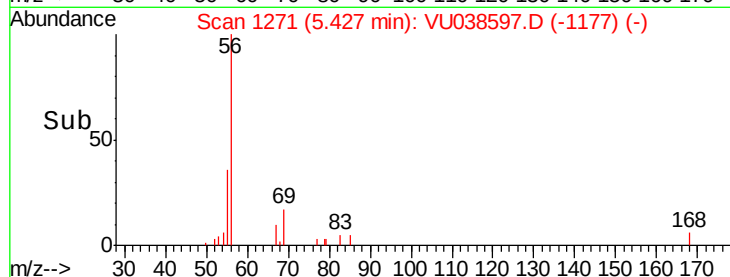
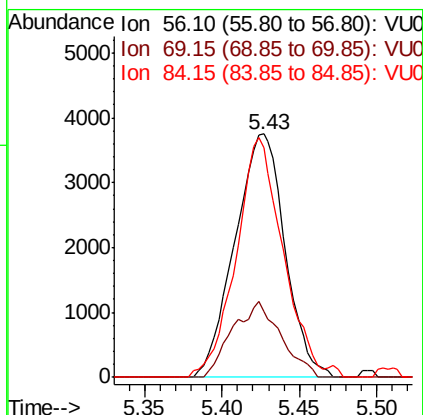
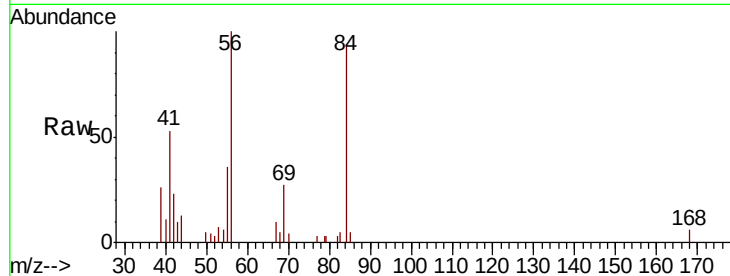




#30
Cyclohexane
Concen: 0.262 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038597.D
Acq: 06 Jun 2020 03:18

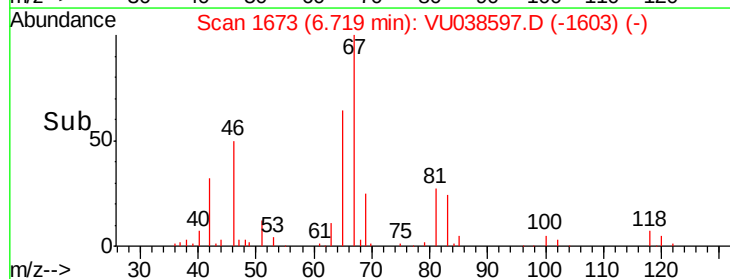
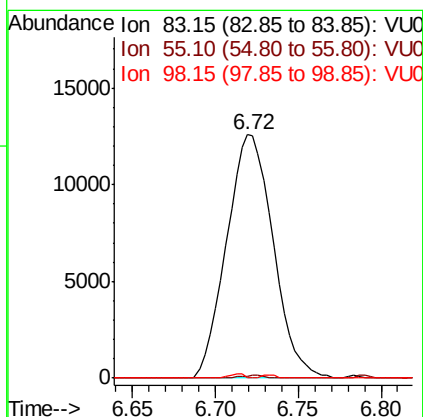
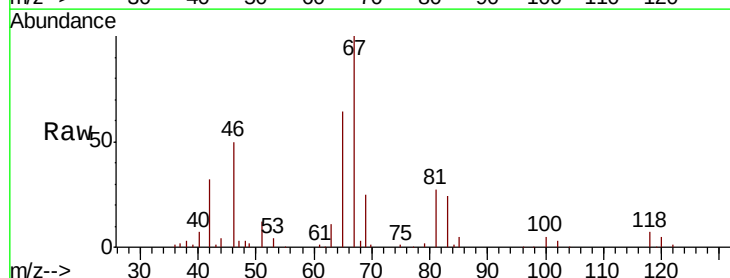
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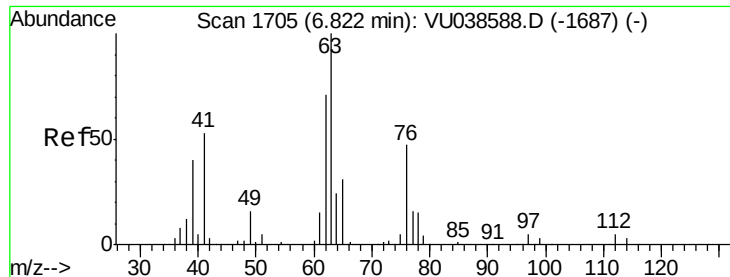
Tot Ion: 56 Resp: 8442
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 91.6 70.8 106.2



#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038597.D
Acq: 06 Jun 2020 03:18

Tgt Ion: 83 Resp: 24546
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.6 39.0 58.4#

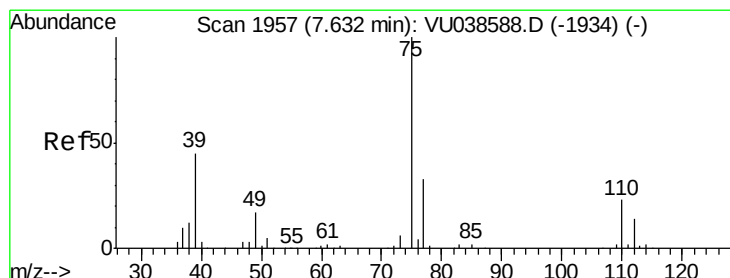
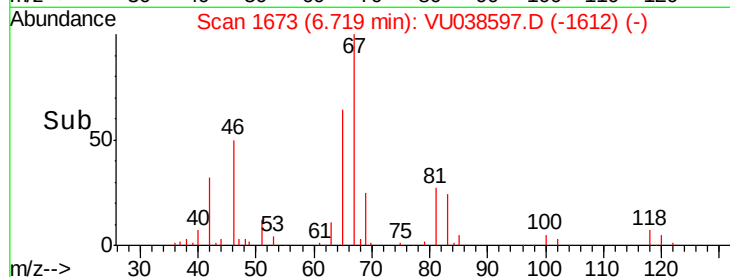
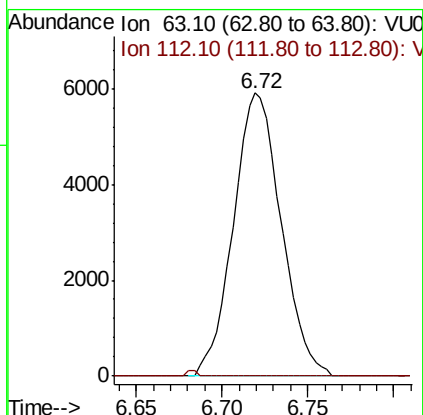
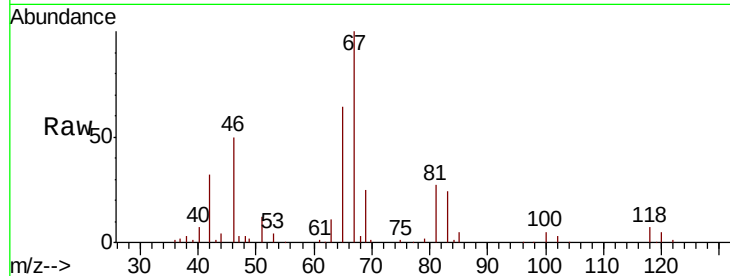




#37
 1,2-Dichloropropane
 Concen: 0.559 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038597.D
 Acq: 06 Jun 2020 03:18

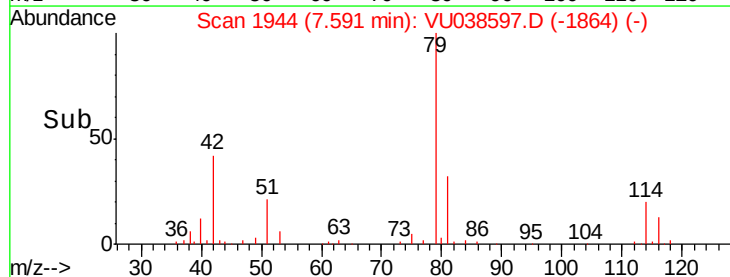
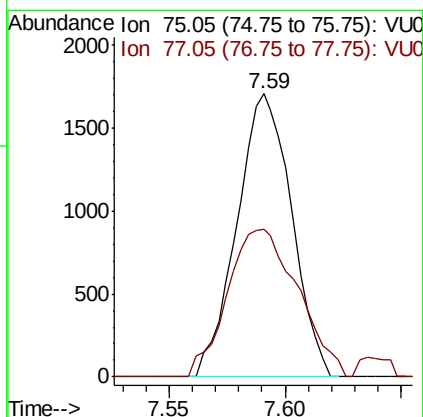
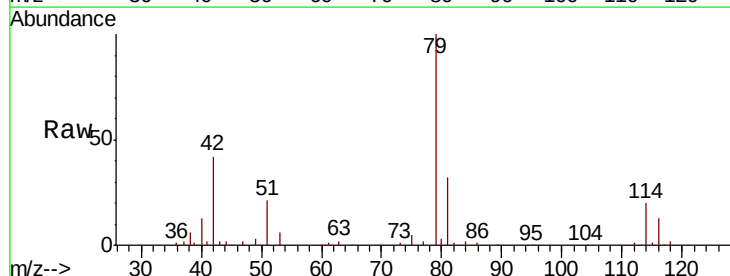
Instrument :
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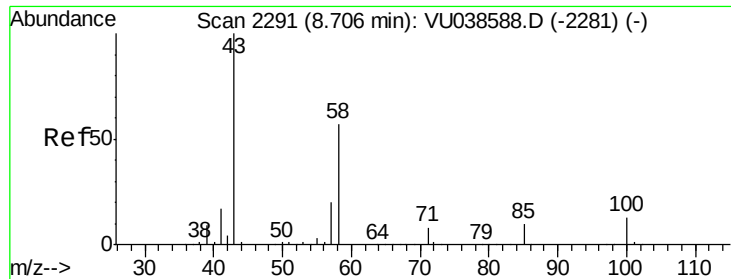
Tot Ion: 63 Resp: 11381
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038597.D
 Acq: 06 Jun 2020 03:18

Tgt Ion: 75 Resp: 2787
 Ion Ratio Lower Upper
 75 100
 77 52.3 21.9 40.7#

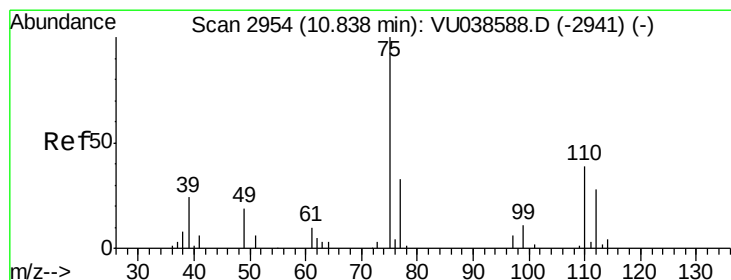
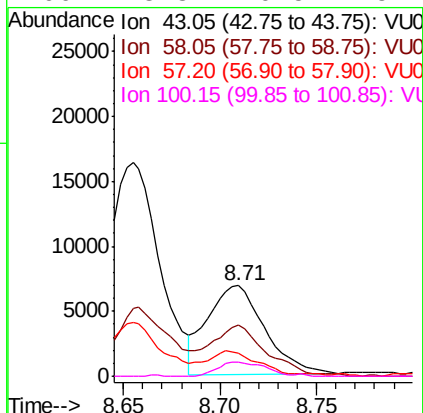
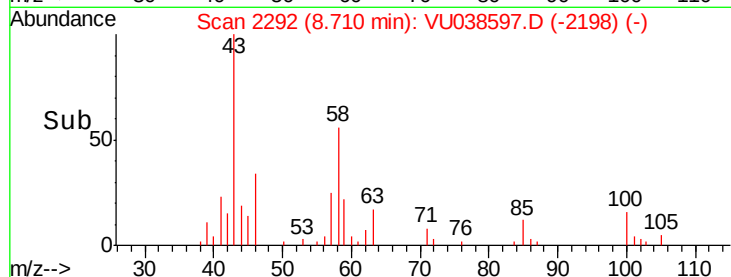
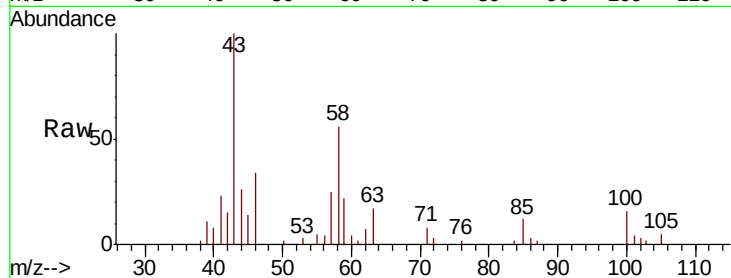




#48
2-Hexanone
Concen: 1.273 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038597.D
Acq: 06 Jun 2020 03:18

Instrument :
MSVOA_U
ClientSampleId :
F9D08

Tot Ion: 43 Resp: 14030
Ion Ratio Lower Upper
43 100
58 55.5 45.4 68.0
57 26.1 15.9 23.9#
100 13.8 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 0.319 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU038597.D
Acq: 06 Jun 2020 03:18

Tgt Ion: 75 Resp: 4847
Ion Ratio Lower Upper
75 100
77 15.0 25.4 38.2#

