

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038585.D
 Acq On : 05 Jun 2020 19:58
 Operator : SY/MD
 Sample : L2906-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG4

Quant Time: Jun 06 00:16:50 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	301988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63431	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.93	69	58984	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.59	63	105083	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.67	46	299574	50.46	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.92%
24) Chloroform-d	5.10	84	162689	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	97897	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.76	84	323733	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.72	67	101561	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.92	98	267202	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.20	79	37504	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.65	63	250655	52.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91529	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	116064	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

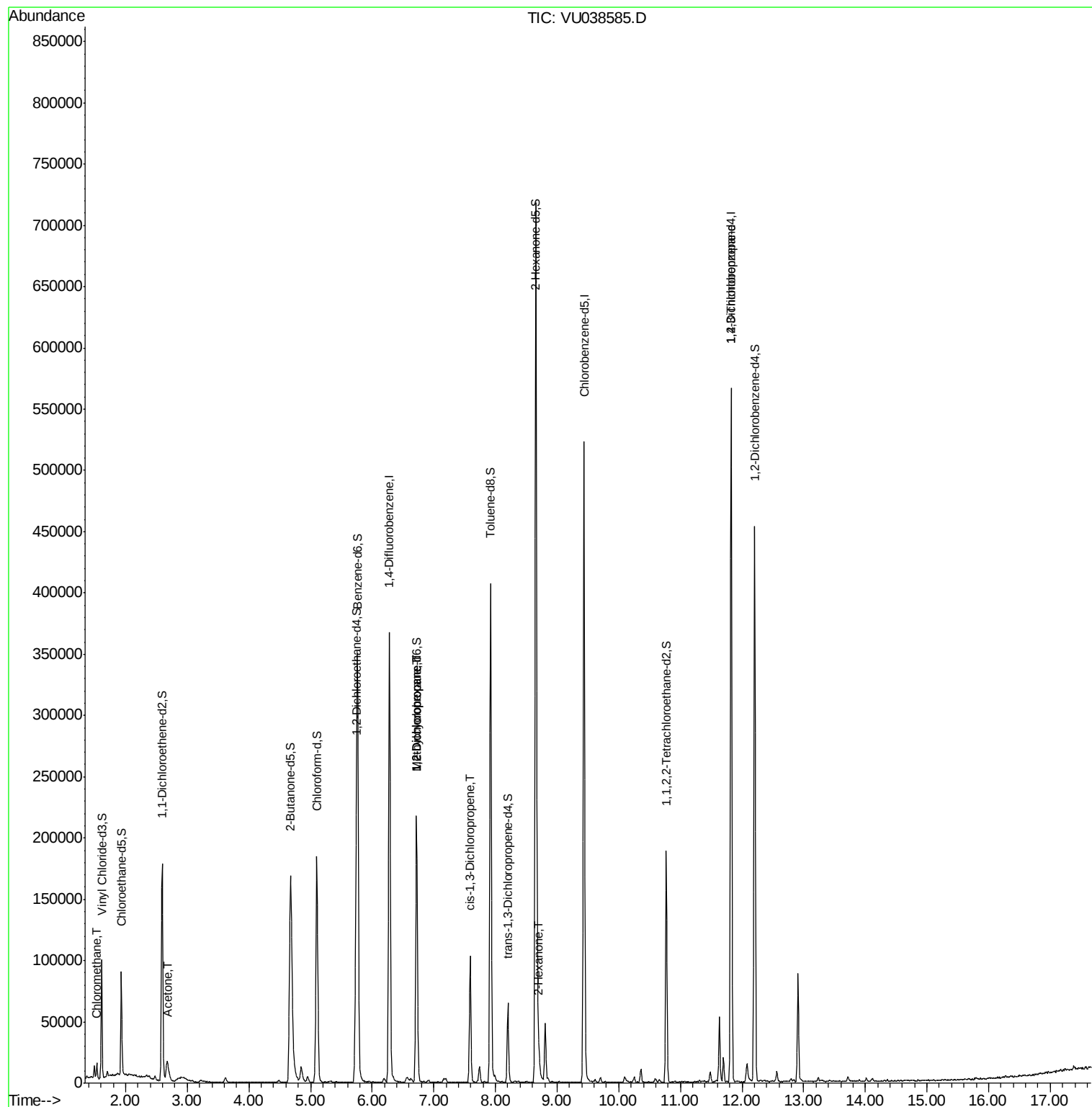
					Ovalue
3) Chloromethane	1.53	50	7907	0.362	ug/L 96
13) Acetone	2.68	43	32510	8.367	ug/L 99
35) Methylcyclohexane	6.72	83	24540	0.746	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	11215	0.544	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2305	0.076	ug/L # 48
48) 2-Hexanone	8.71	43	11696	1.048	ug/L # 88
59) 1,2,3-Trichloropropane	11.82	75	17443	1.134	ug/L # 87

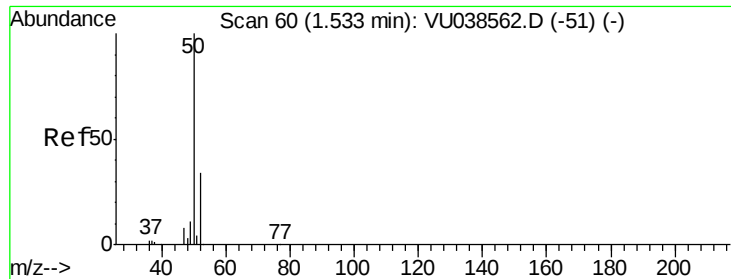
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.362 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038585.D

Acq: 05 Jun 2020 19:58

Instrument :

MSVOA_U

ClientSampleId :

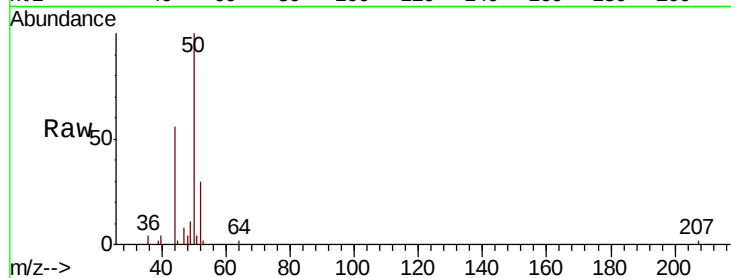
C0AG4

Tot Ion: 50 Resp: 7907

Ion Ratio Lower Upper

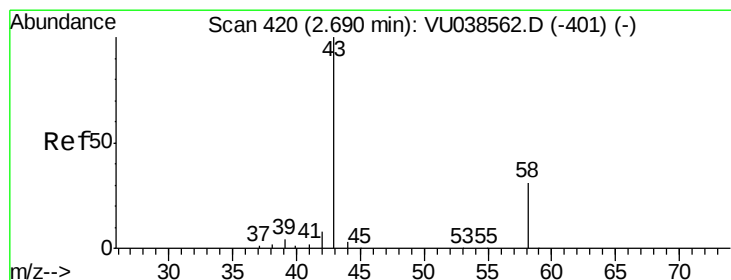
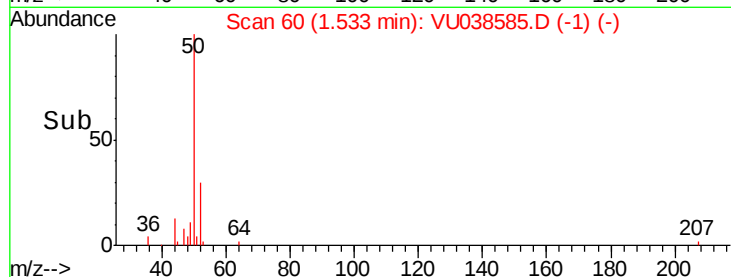
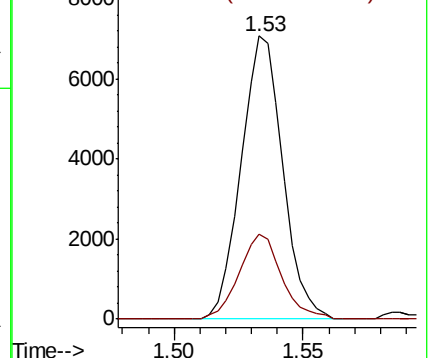
50 100

52 30.2 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 8.367 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038585.D

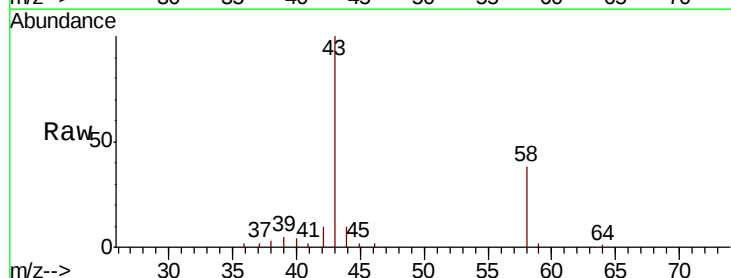
Acq: 05 Jun 2020 19:58

Tgt Ion: 43 Resp: 32510

Ion Ratio Lower Upper

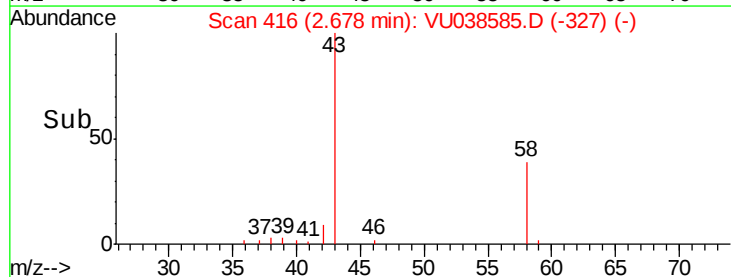
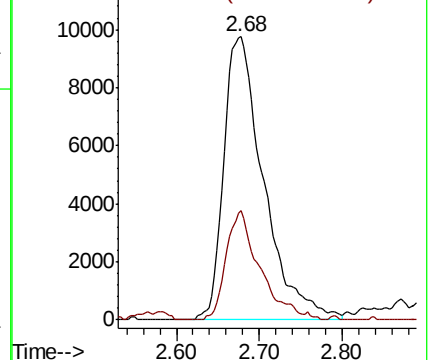
43 100

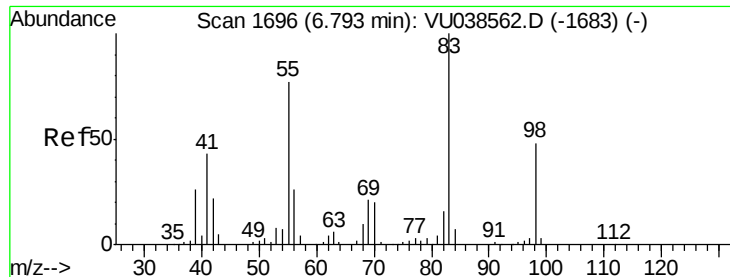
58 32.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

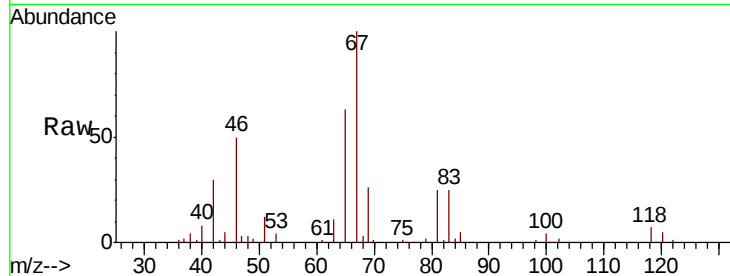




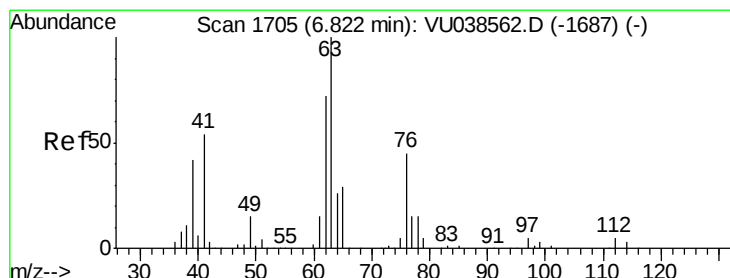
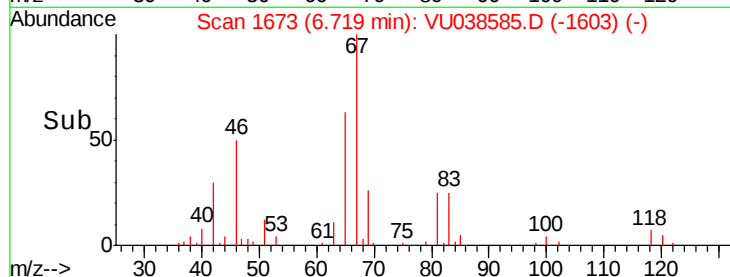
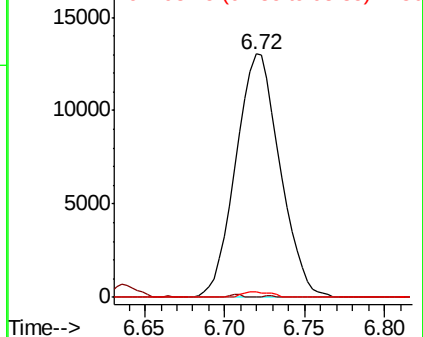
#35
Methvlcvclohexane
Concen: 0.746 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038585.D
Acq: 05 Jun 2020 19:58

Instrument :
MSVOA_U
ClientSampleId :
C0AG4

Tot Ion: 83 Resp: 24540
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.4 39.0 58.4#

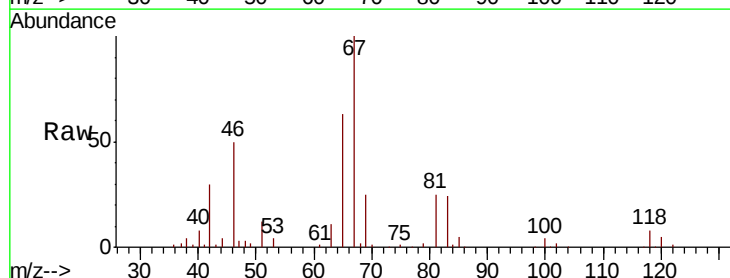


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

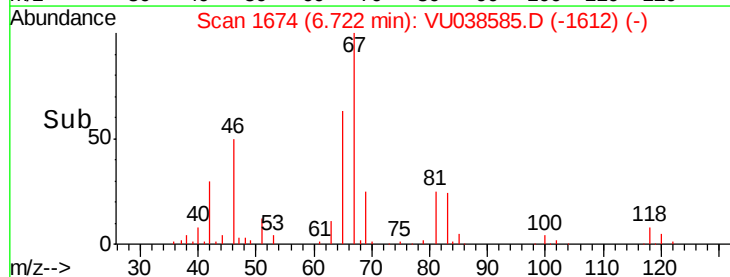
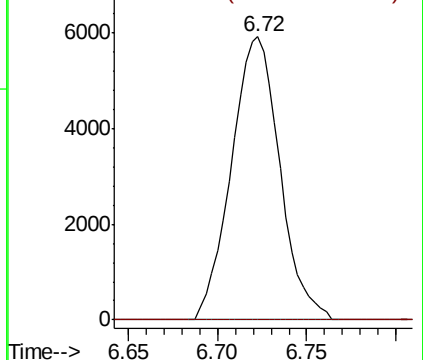


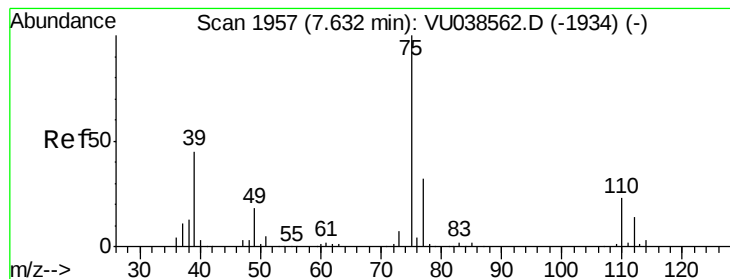
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038585.D
Acq: 05 Jun 2020 19:58

Tgt Ion: 63 Resp: 11215
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#



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



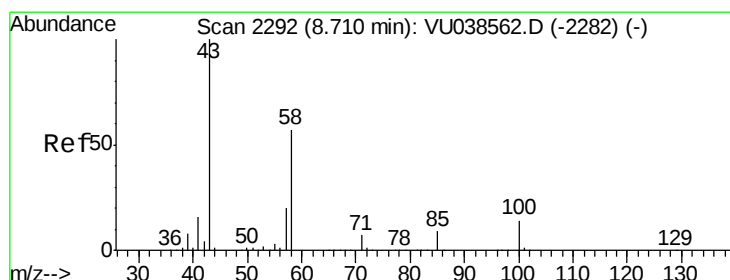
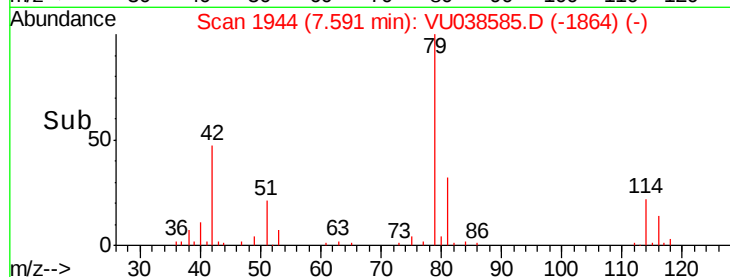
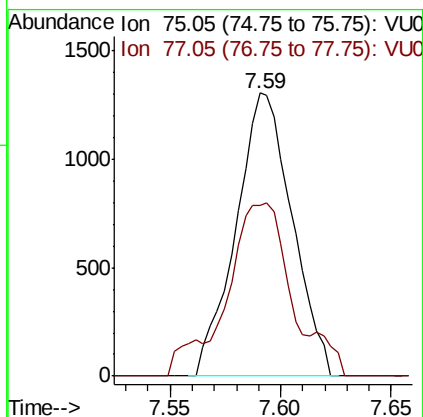
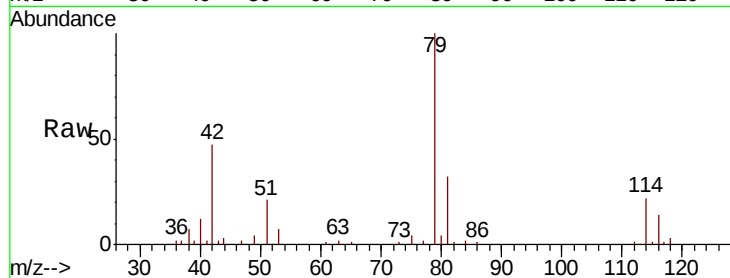


#39

cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038585.D
 Acq: 05 Jun 2020 19:58

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 MSVOA_U
 ClientSampleId :
 C0AG4

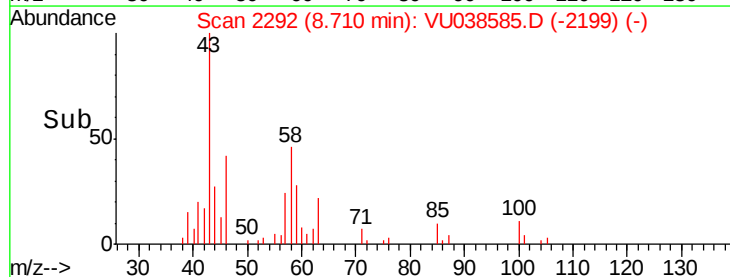
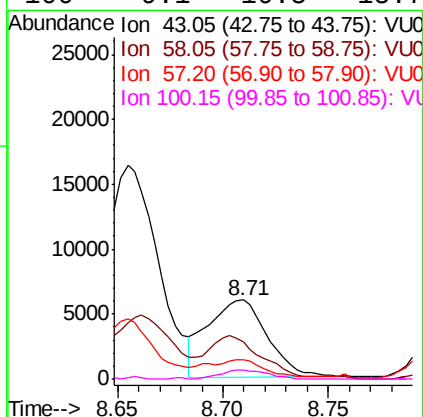
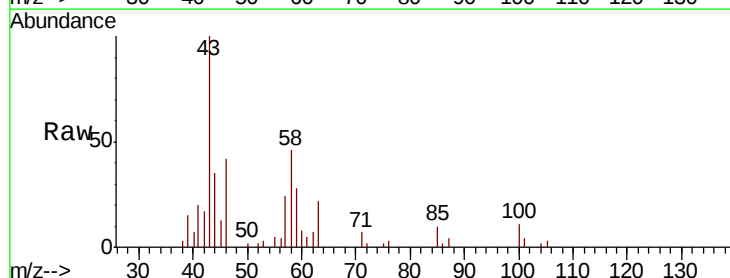
Tot Ion: 75 Resp: 2305
 Ion Ratio Lower Upper
 75 100
 77 60.2 21.9 40.7#

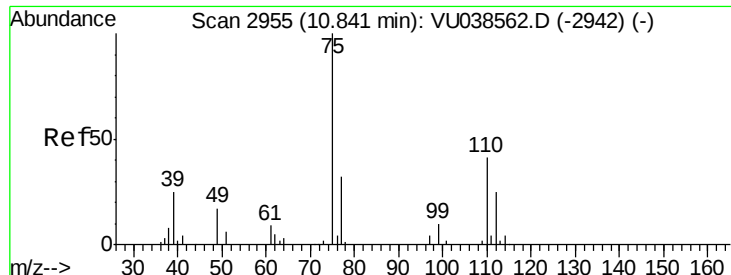


#48

2-Hexanone
 Concen: 1.048 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038585.D
 Acq: 05 Jun 2020 19:58

Tgt Ion: 43 Resp: 11696
 Ion Ratio Lower Upper
 43 100
 58 45.6 45.4 68.0
 57 22.4 15.9 23.9
 100 9.1 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038585.D

Acq: 05 Jun 2020 19:58

Instrument :

MSVOA_U

ClientSampleId :

C0AG4

Tot Ion: 75 Resp: 17443

Ion Ratio Lower Upper

75 100

77 39.3 25.4 38.2#

