

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038207.D
 Acq On : 15 May 2020 18:46
 Operator : JC/MD
 Sample : L2631-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:36:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	345231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	337990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139431	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	123500	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	166447	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.68	46	444159	57.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	5.10	84	227593	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.74	65	138053	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.76	84	466646	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.72	67	159849	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	402742	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	57976	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.65	63	332766	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	131974	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152612	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

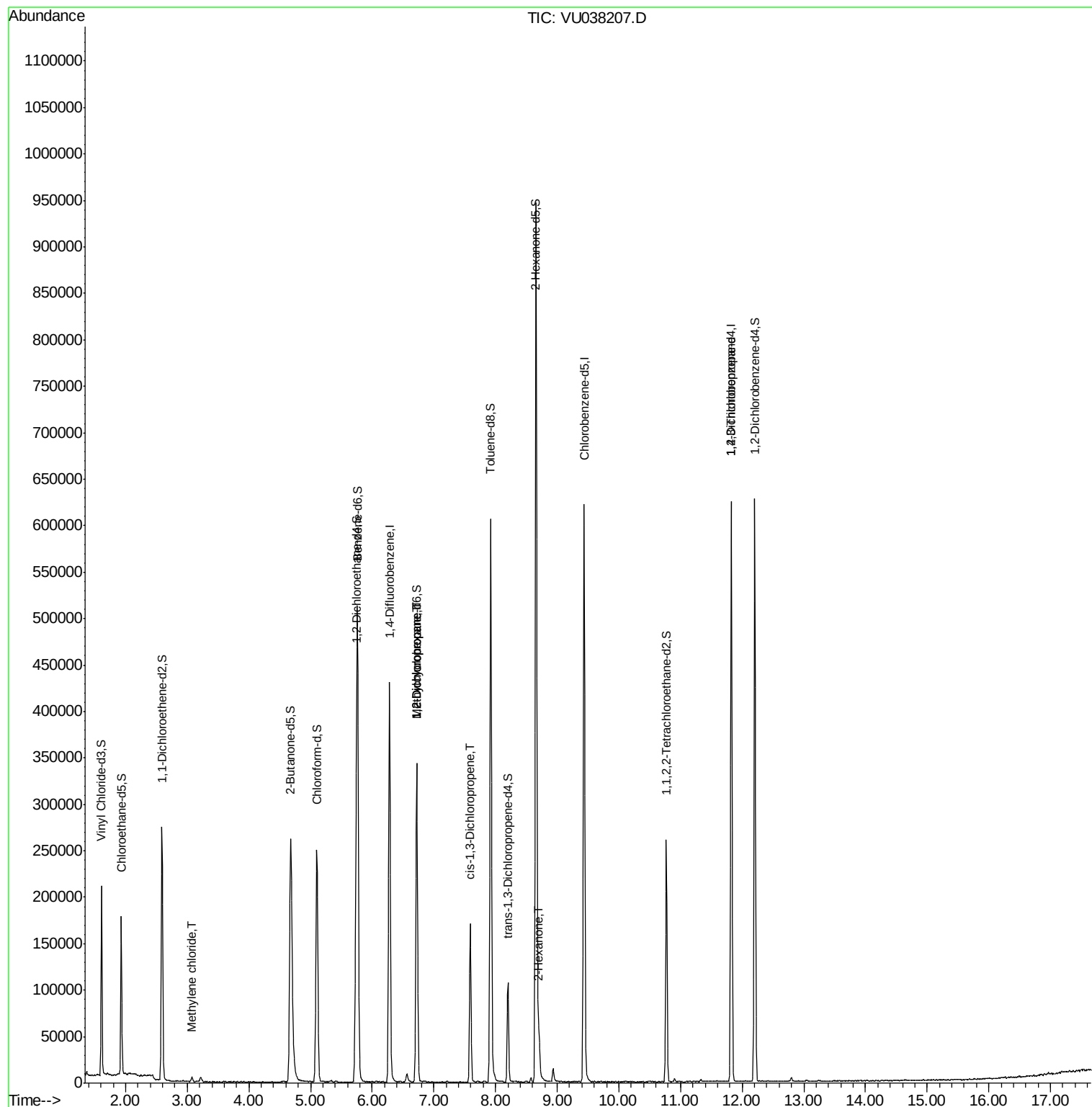
					Ovalue
16) Methylene chloride	3.08	84	2023	0.072 ug/L	90
35) Methylcyclohexane	6.72	83	34928	0.797 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17071	0.581 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3715	0.088 ug/L #	47
48) 2-Hexanone	8.71	43	24595	1.648 ug/L #	93
59) 1,2,3-Trichloropropane	11.83	75	21608	1.095 ug/L	95

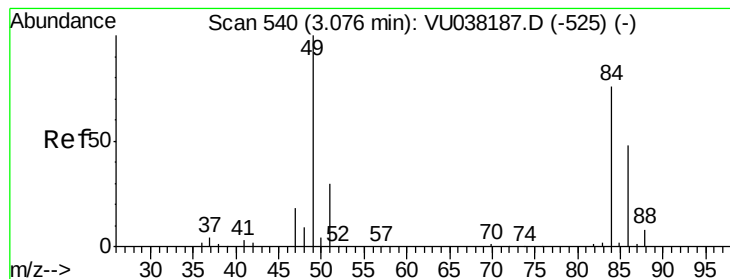
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 16 03:30:00 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.072 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038207.D

Acq: 15 May 2020 18:46

Instrument :

MSVOA_U

ClientSampleId :

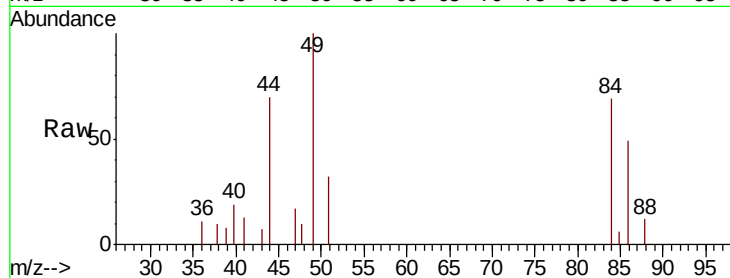
Tot Ion: 84 Resp: 2023

Ion Ratio Lower Upper

84 100

86 70.3 44.9 83.3

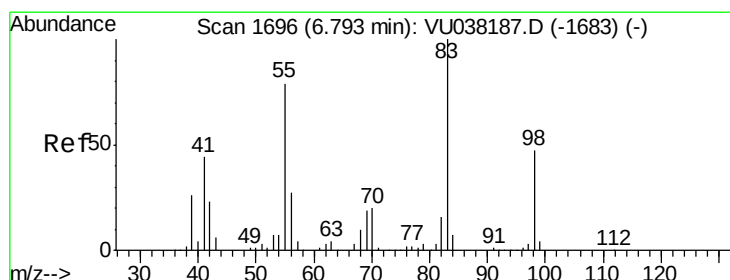
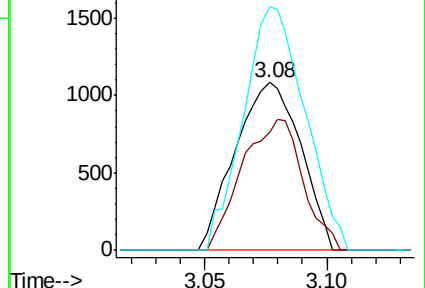
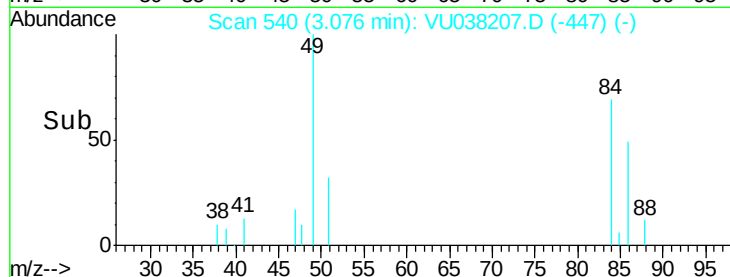
49 144.9 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038207.D

Acq: 15 May 2020 18:46

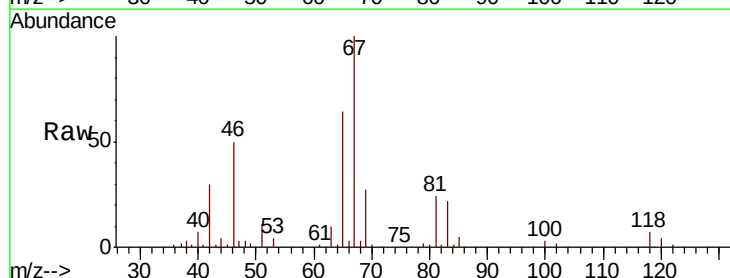
Tgt Ion: 83 Resp: 34928

Ion Ratio Lower Upper

83 100

55 0.2 66.7 100.1#

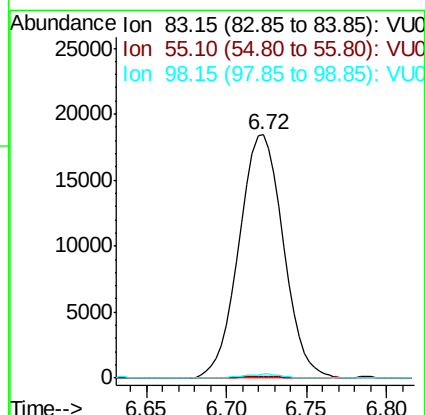
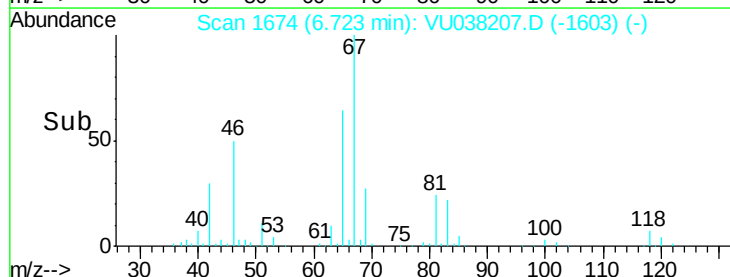
98 1.4 39.4 59.2#

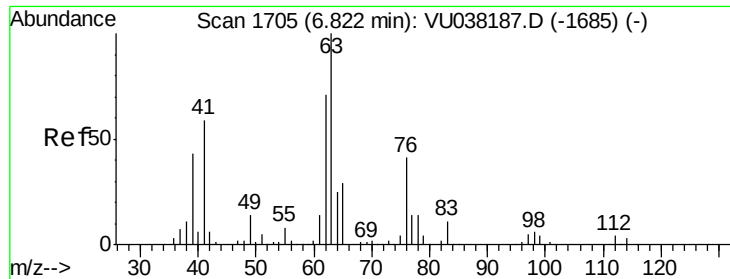


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

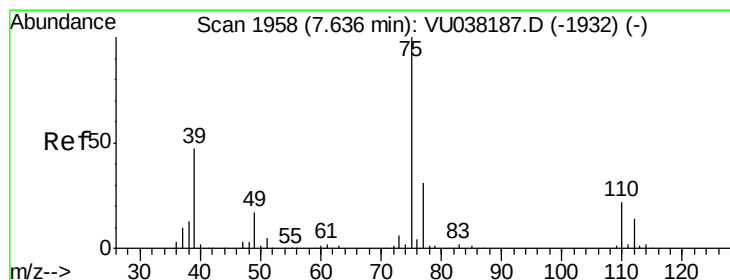
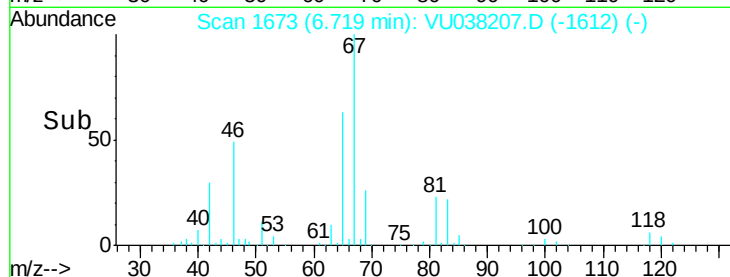
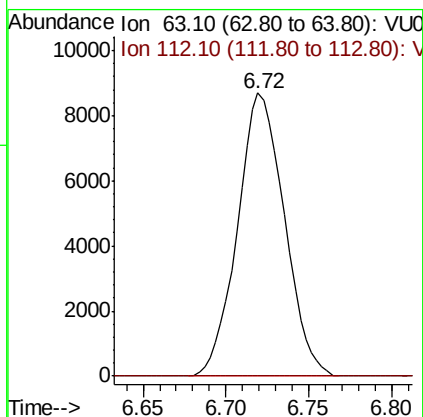
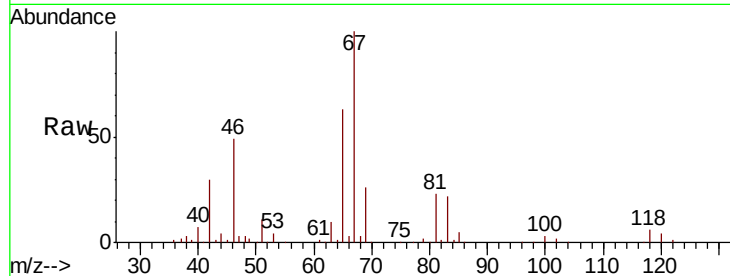




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038207.D
 Acq: 15 May 2020 18:46

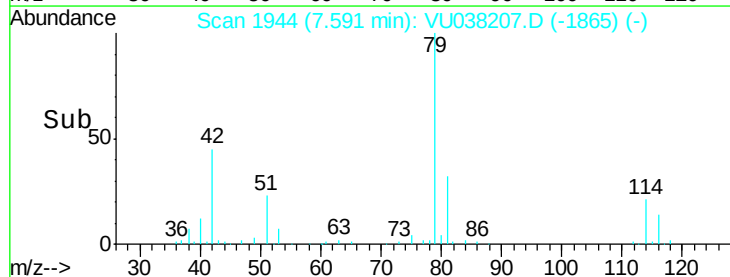
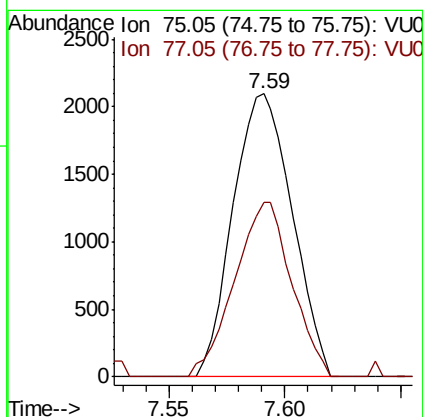
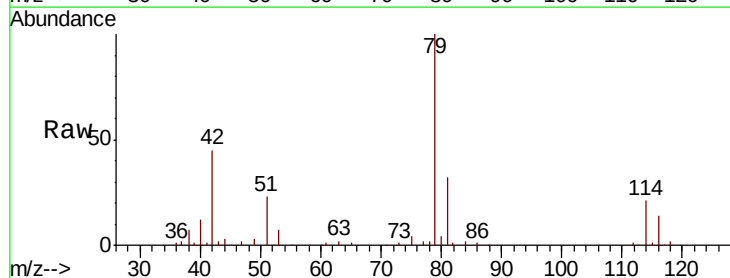
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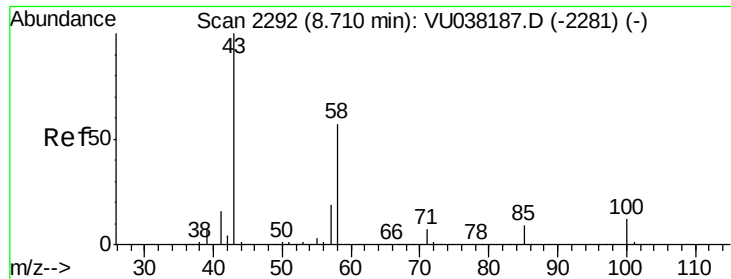
Tot Ion: 63 Resp: 17071
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038207.D
 Acq: 15 May 2020 18:46

Tgt Ion: 75 Resp: 3715
 Ion Ratio Lower Upper
 75 100
 77 61.5 22.4 41.6#

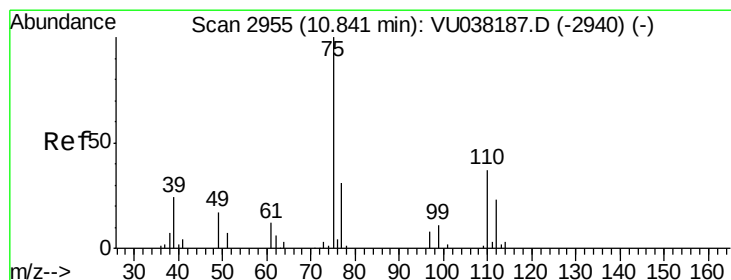
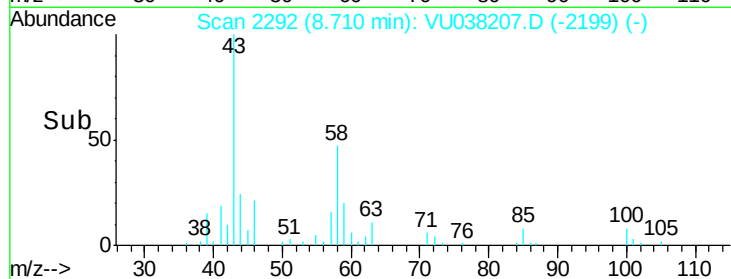
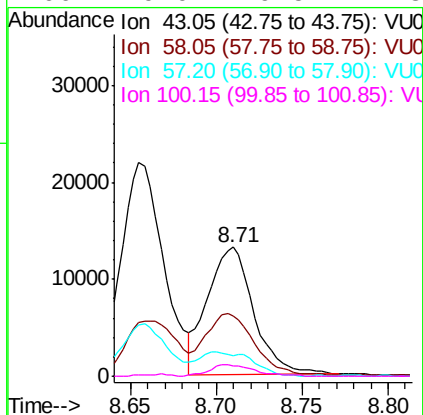
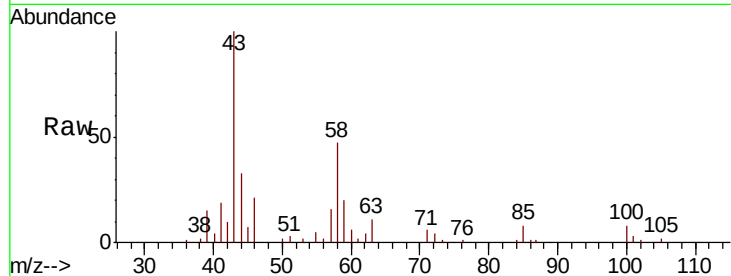




#48
2-Hexanone
Concen: 1.648 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038207.D
Acq: 15 May 2020 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 24595
Ion Ratio Lower Upper
43 100
58 51.7 45.2 67.8
57 22.3 15.5 23.3
100 9.0 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.095 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038207.D
Acq: 15 May 2020 18:46

Tgt Ion: 75 Resp: 21608
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.0

