

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038521.D
 Acq On : 03 Jun 2020 18:12
 Operator : SY/MD
 Sample : L2873-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM9

Quant Time: Jun 04 01:50:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	282154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56581	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	1.93	69	57495	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.59	63	96698	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.67	46	333695	60.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.30%
24) Chloroform-d	5.10	84	173550	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.74	65	105701	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.76	84	329671	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	108901	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.92	98	270339	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.20	79	42919	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.65	63	289712	62.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102035	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	123635	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

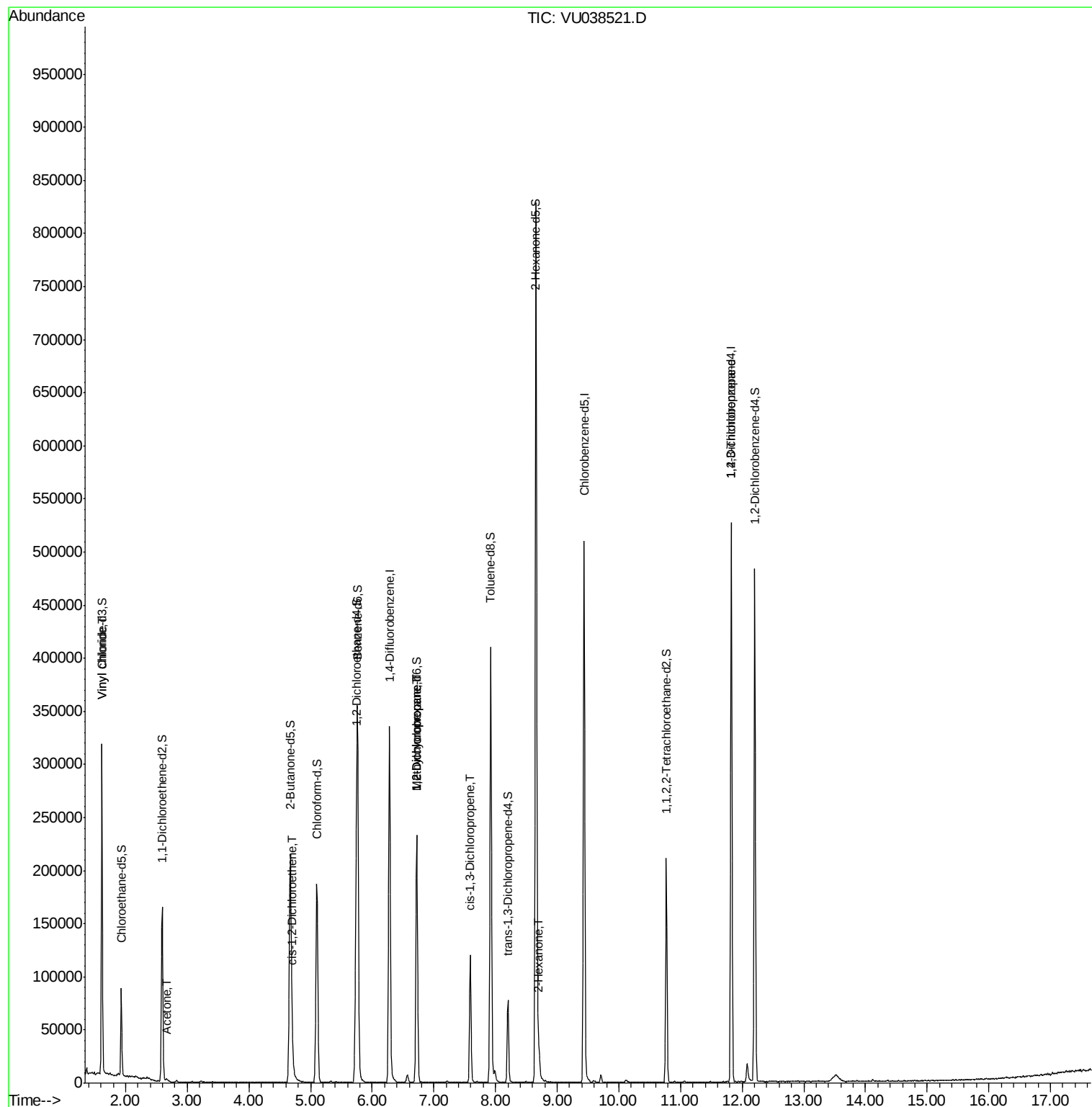
					Ovalue
5) Vinyl chloride	1.62	62	158650	7.251	ug/L 99
13) Acetone	2.67	43	3901	1.075	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	4867	0.241	ug/L 85
35) Methylcyclohexane	6.72	83	25716	0.805	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	12021	0.601	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2997	0.101	ug/L # 70
48) 2-Hexanone	8.71	43	11530	1.065	ug/L 96
59) 1,2,3-Trichloropropane	11.82	75	16714	1.120	ug/L 90

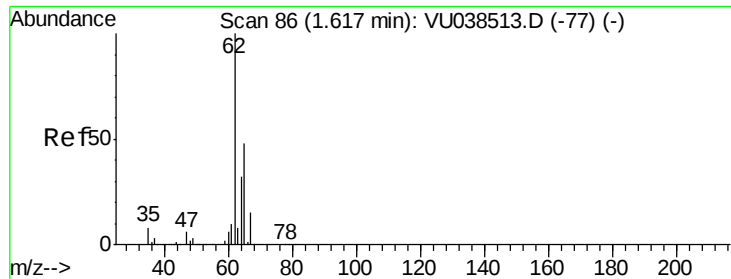
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.251 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038521.D

Acq: 03 Jun 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

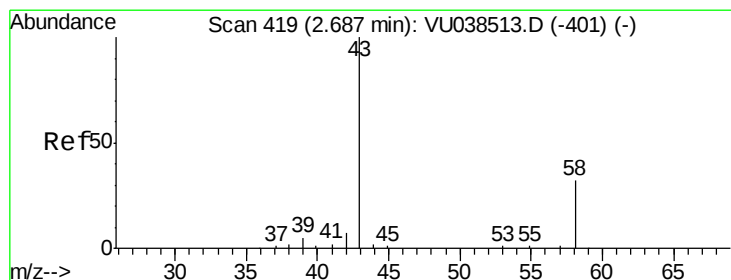
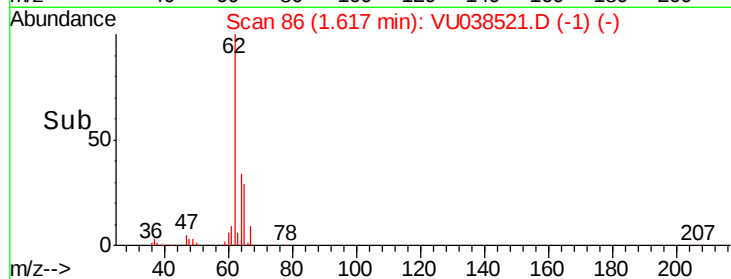
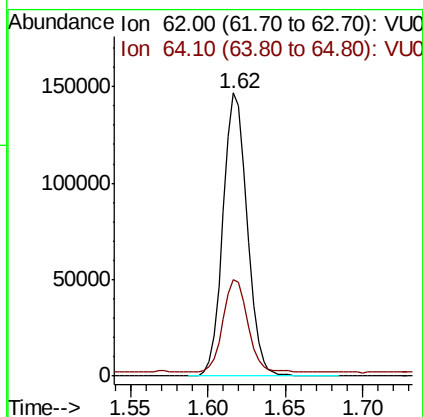
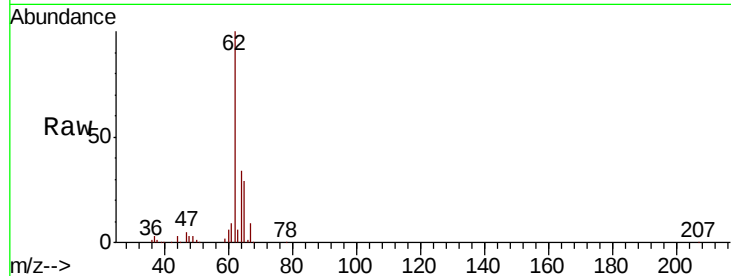
ETTM9

Tot Ion: 62 Resp: 158650

Ion Ratio Lower Upper

62 100

64 34.1 23.7 43.9



#13

Acetone

Concen: 1.075 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038521.D

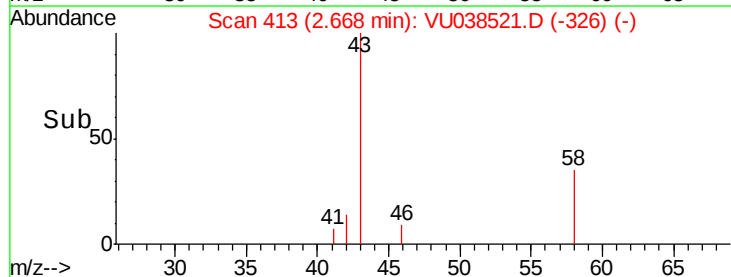
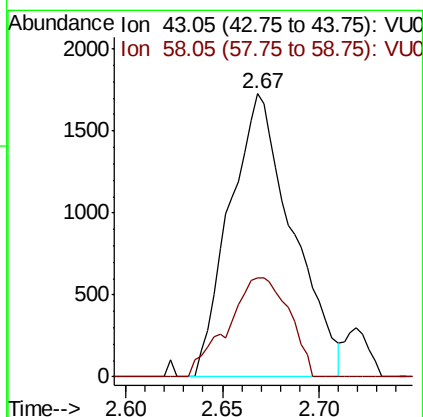
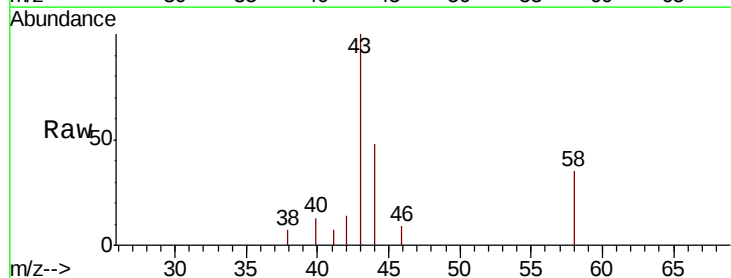
Acq: 03 Jun 2020 18:12

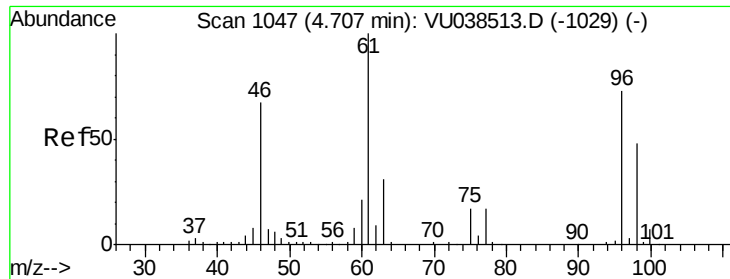
Tgt Ion: 43 Resp: 3901

Ion Ratio Lower Upper

43 100

58 34.2 0.0 65.6

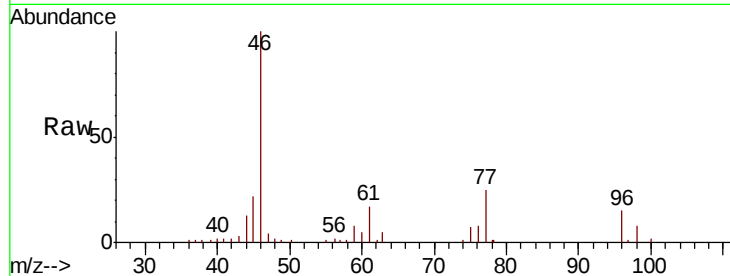




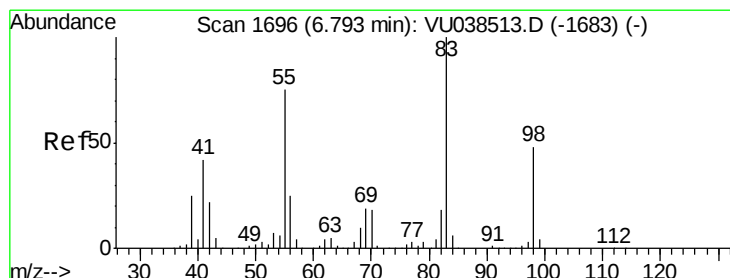
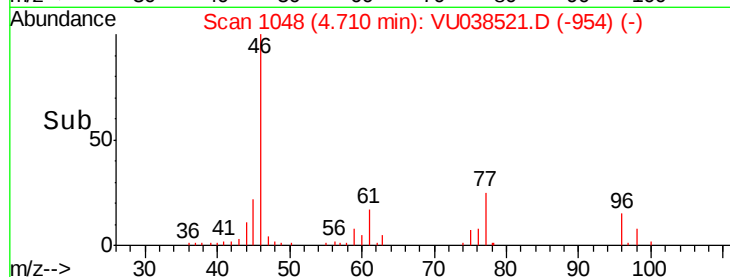
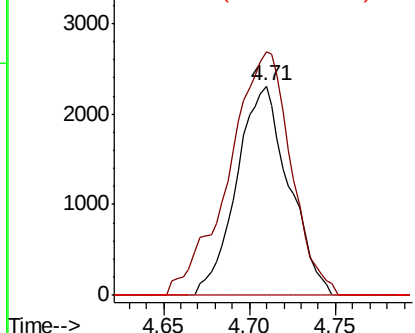
#22
 cis-1,2-Dichloroethene
 Concen: 0.241 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU038521.D
 Acq: 03 Jun 2020 18:12

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM9

Tot Ion: 96 Resp: 4867
 Ion Ratio Lower Upper
 96 100
 61 116.4 94.0 174.6
 68 0.0 0.0 0.0

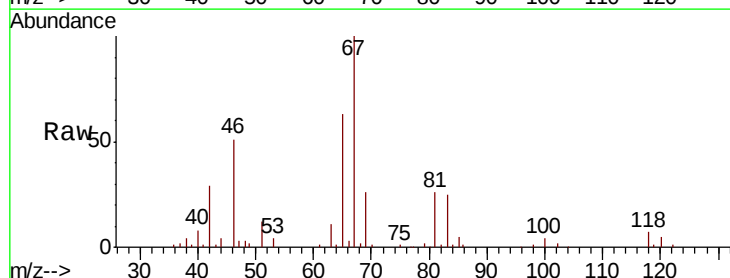


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

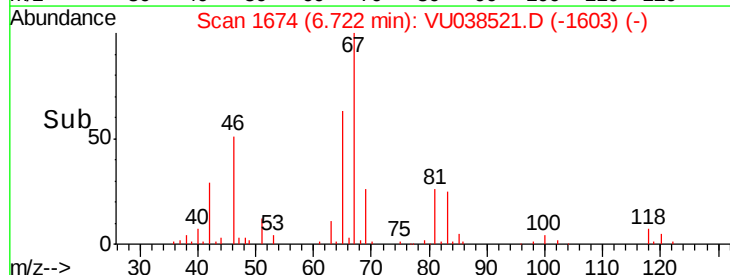
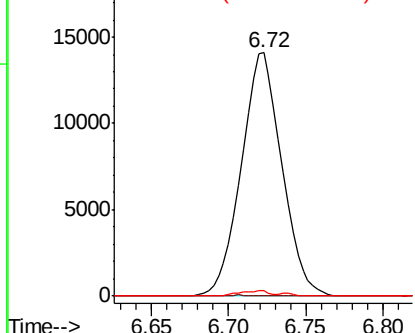


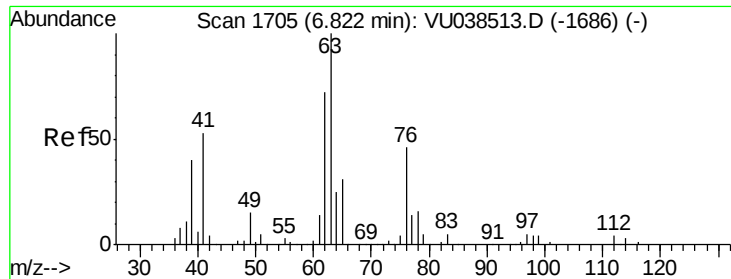
#35
 Methylcyclohexane
 Concen: 0.805 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038521.D
 Acq: 03 Jun 2020 18:12

Tgt Ion: 83 Resp: 25716
 Ion Ratio Lower Upper
 83 100
 55 0.1 63.4 95.2#
 98 1.7 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

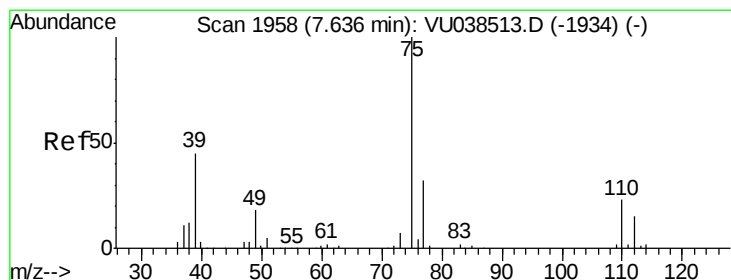
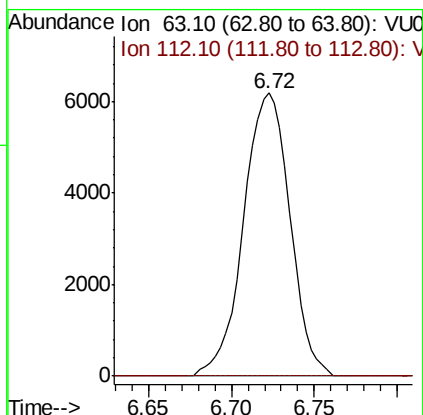
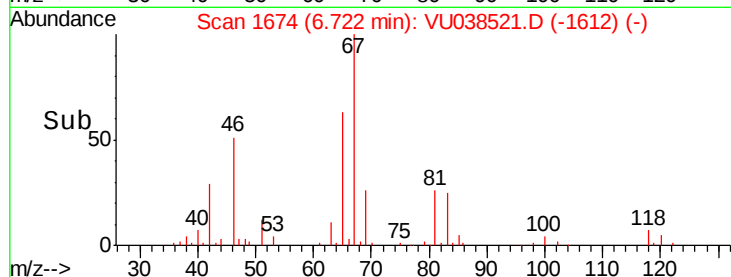
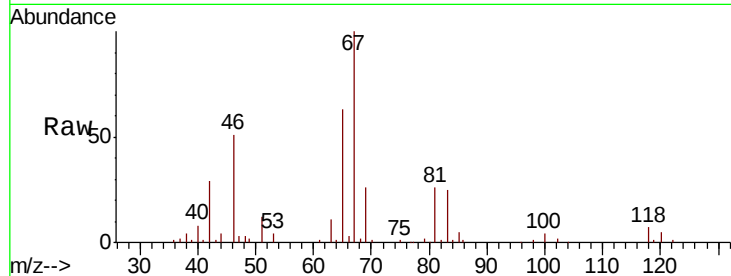




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038521.D
 Acq: 03 Jun 2020 18:12

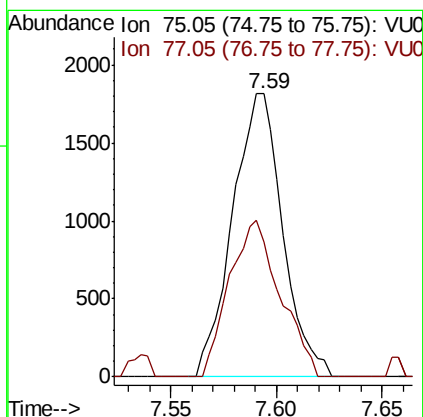
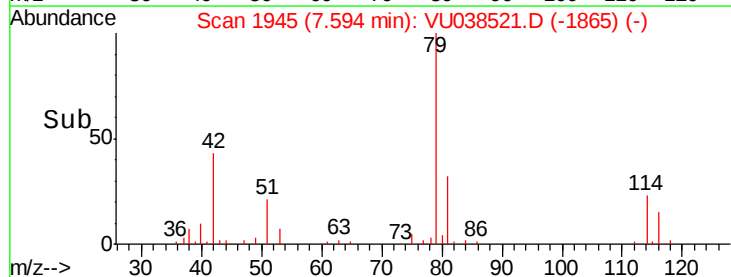
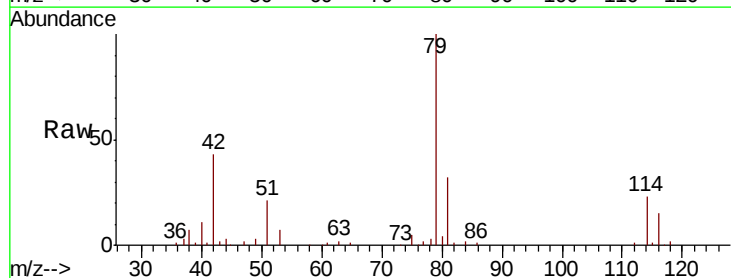
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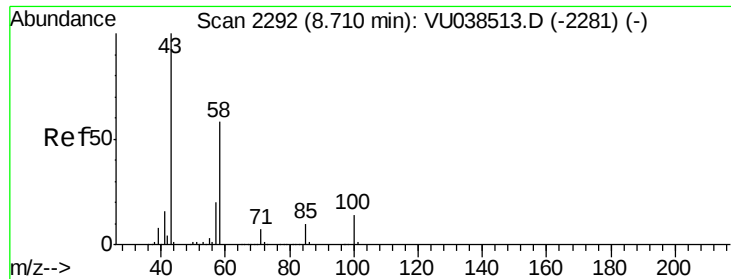
Tot Ion: 63 Resp: 12021
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038521.D
 Acq: 03 Jun 2020 18:12

Tgt Ion: 75 Resp: 2997
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.9 40.7#

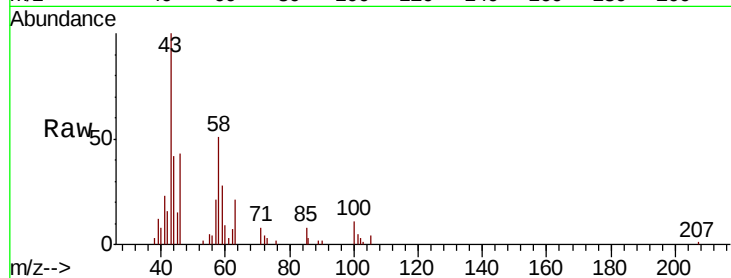




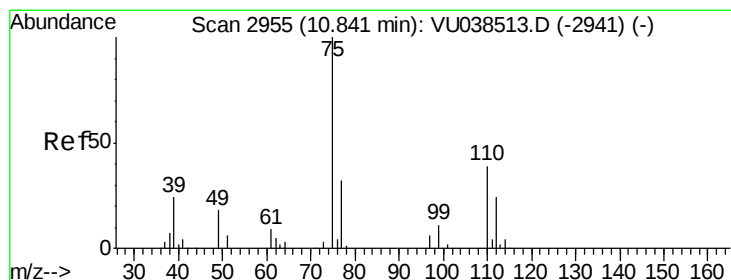
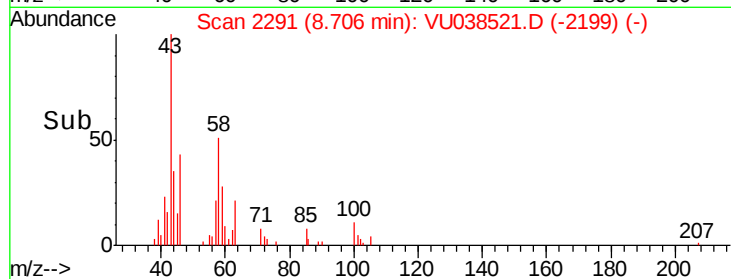
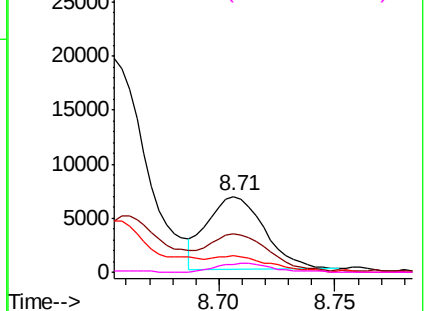
#48
2-Hexanone
Concen: 1.065 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038521.D
Acq: 03 Jun 2020 18:12

Instrument :
MSVOA_U
ClientSampleId :
ETTM9

Tot Ion:	43	Resp:	11530
Ion	Ratio	Lower	Upper
43	100		
58	53.9	45.4	68.0
57	22.6	15.9	23.9
100	12.2	10.5	15.7

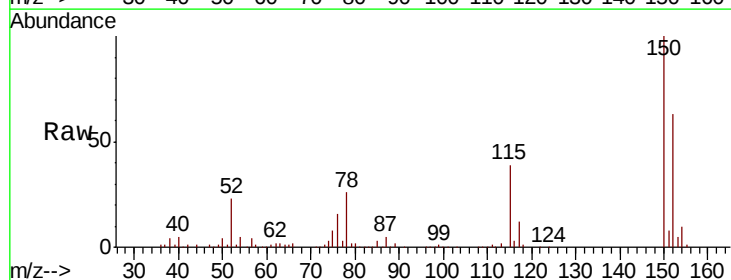


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.120 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038521.D
Acq: 03 Jun 2020 18:12

Tgt Ion:	75	Resp:	16714
Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.4	38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

