

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038549.D
 Acq On : 04 Jun 2020 15:19
 Operator : SY/MD
 Sample : L2873-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM8DL

Quant Time: Jun 05 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	140009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77691	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	65653	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	124357	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.68	46	314439	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	5.10	84	175785	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	103569	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	351264	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	107813	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	298086	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	42950	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.66	63	262632	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94808	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123277	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

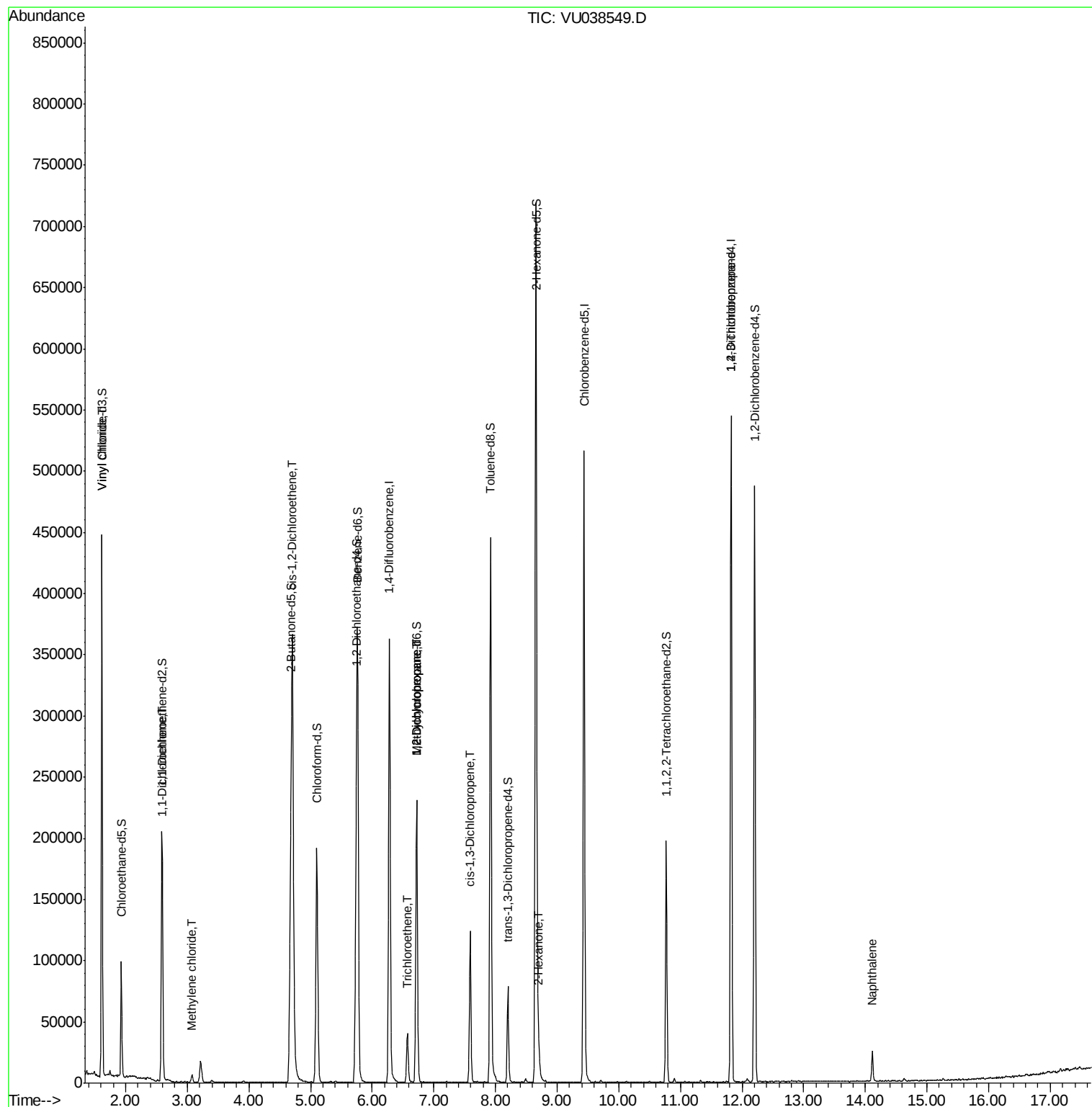
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	234398	10.055	ug/L	96
12) 1,1-Dichloroethene	2.61	96	1725	0.093	ug/L #	1
16) Methylene chloride	3.08	84	2852	0.136	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	136795	6.368	ug/L	93
34) Trichloroethene	6.57	95	13087	0.616	ug/L	94
35) Methylcyclohexane	6.72	83	26181	0.796	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11823	0.574	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3212	0.106	ug/L #	70
48) 2-Hexanone	8.71	43	12354	1.108	ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	17815	1.160	ug/L	90
69) Naphthalene	14.11	128	20747	0.367	ug/L	98

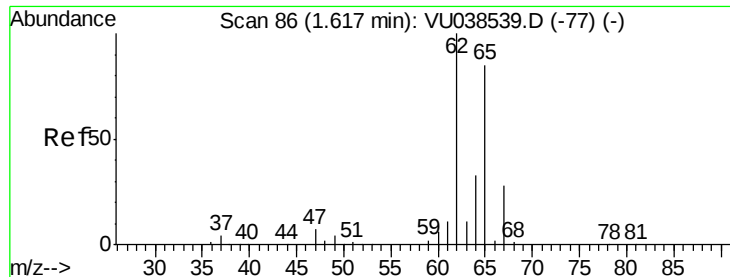
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.055 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038549.D

Acq: 04 Jun 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

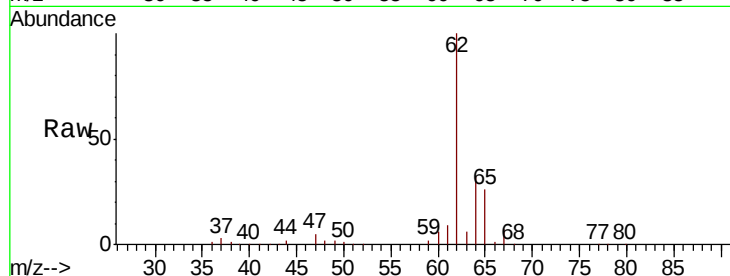
ETTM8DL

Tot Ion: 62 Resp: 234398

Ion Ratio Lower Upper

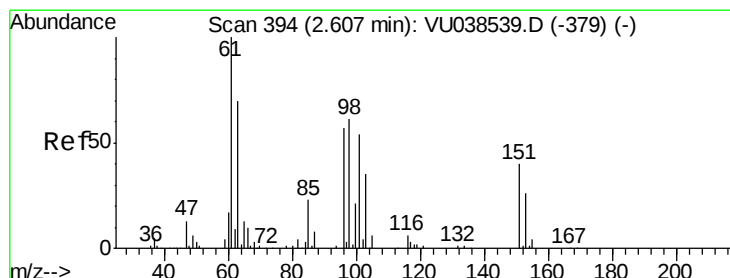
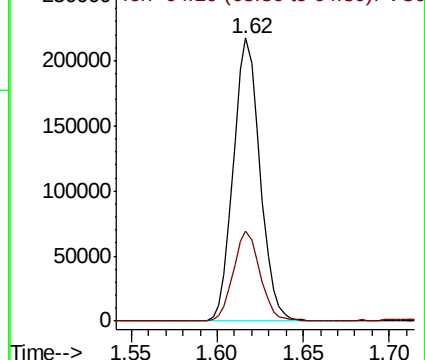
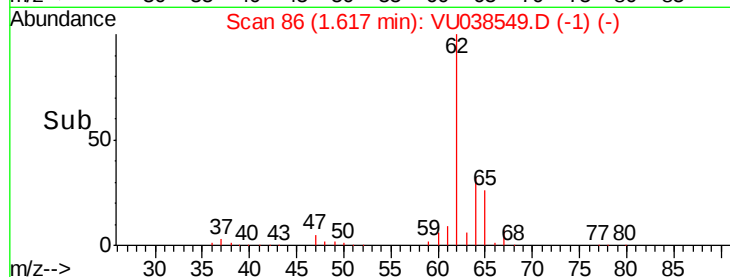
62 100

64 31.6 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU038549.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU038549.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038549.D

Acq: 04 Jun 2020 15:19

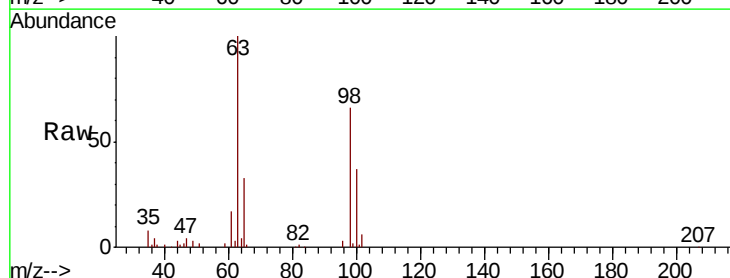
Tgt Ion: 96 Resp: 1725

Ion Ratio Lower Upper

96 100

61 556.7 119.9 222.7#

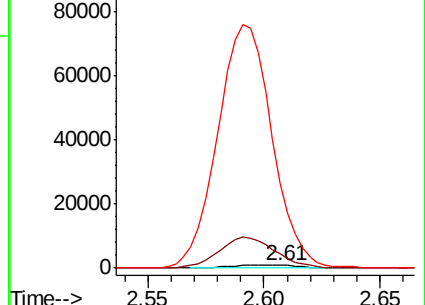
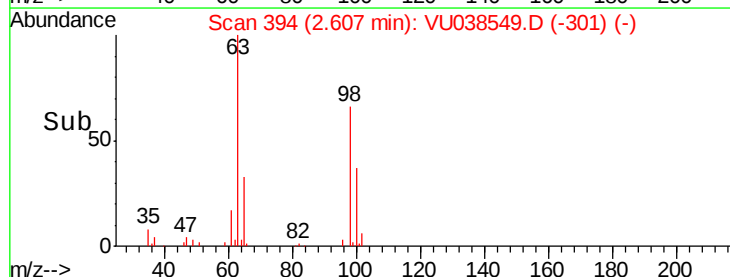
63 3349.5 89.9 167.0#

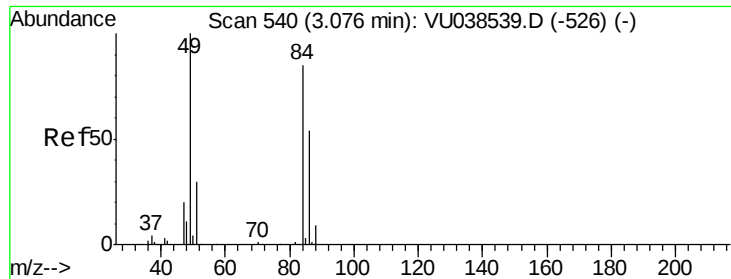


Abundance Ion 96.00 (95.70 to 96.70): VU038549.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU038549.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU038549.D (-301) (-)

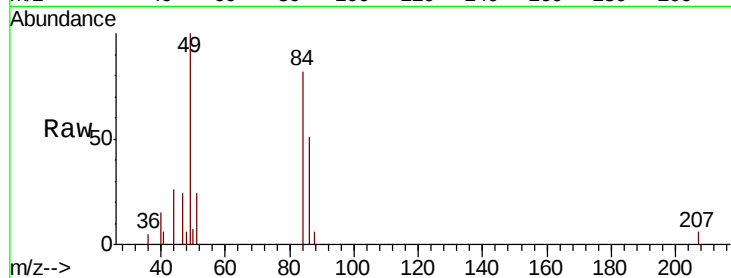




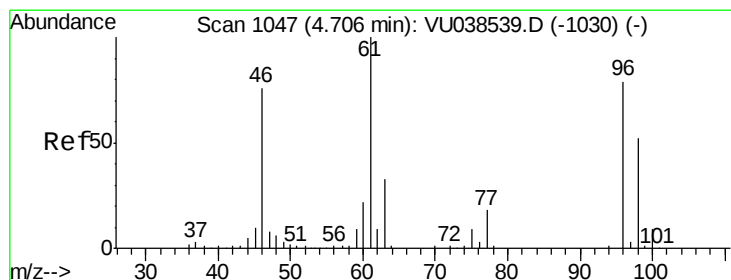
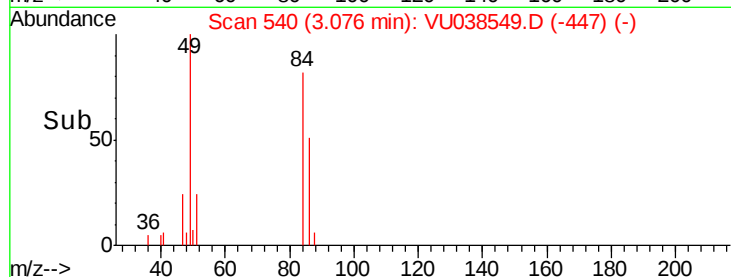
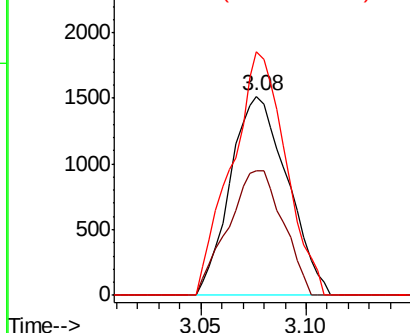
#16
Methylene chloride
Concen: 0.136 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038549.D
Acq: 04 Jun 2020 15:19

Instrument :
MSVOA_U
ClientSampled :
ETTM8DL

Tot Ion: 84 Resp: 2852
Ion Ratio Lower Upper
84 100
86 62.7 45.0 83.6
49 122.3 85.5 158.9

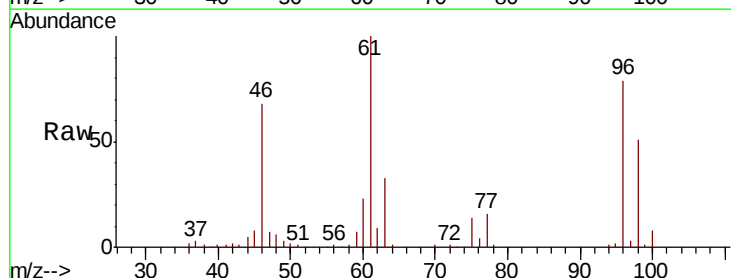


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

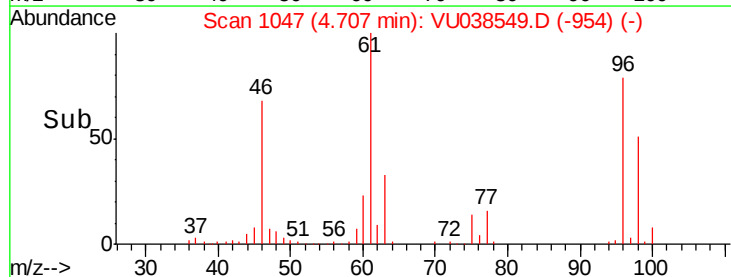
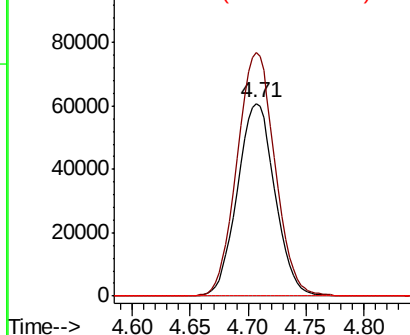


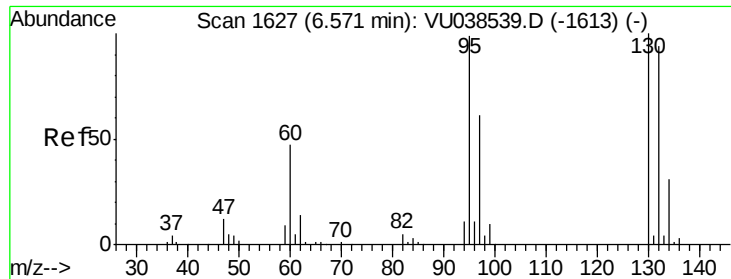
#22
cis-1,2-Dichloroethene
Concen: 6.368 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038549.D
Acq: 04 Jun 2020 15:19

Tgt Ion: 96 Resp: 136795
Ion Ratio Lower Upper
96 100
61 126.1 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

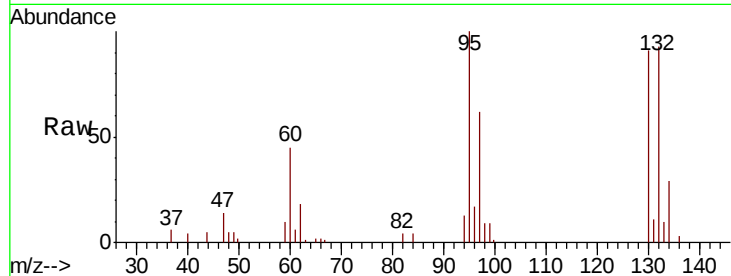




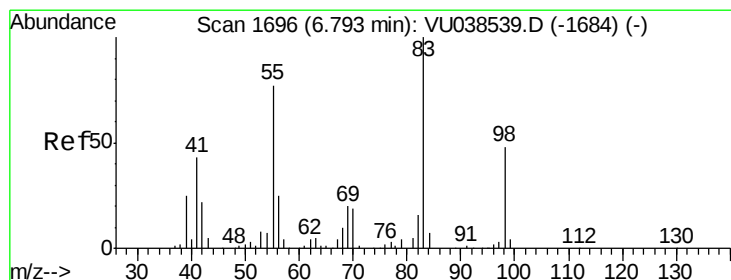
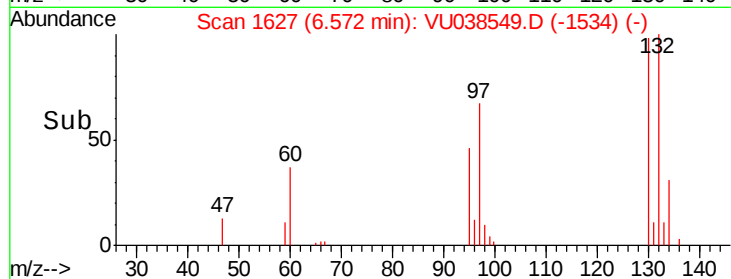
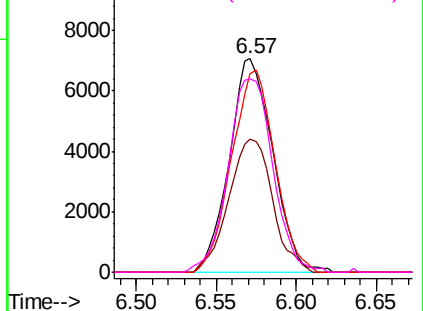
#34
 Trichloroethene
 Concen: 0.616 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038549.D
 Acq: 04 Jun 2020 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM8DL

Tot Ion:	95	Resp:	13087
Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.8	87.0
132	93.0	66.1	122.7
130	90.7	70.0	130.0

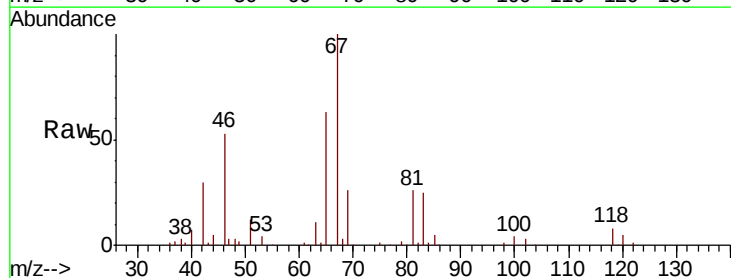


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

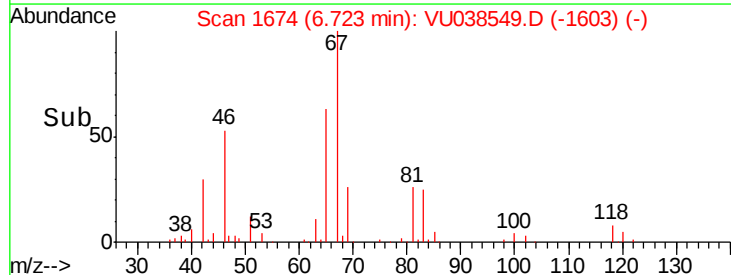
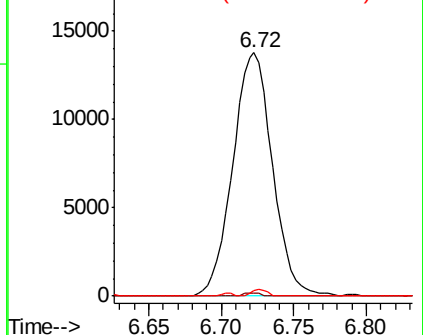


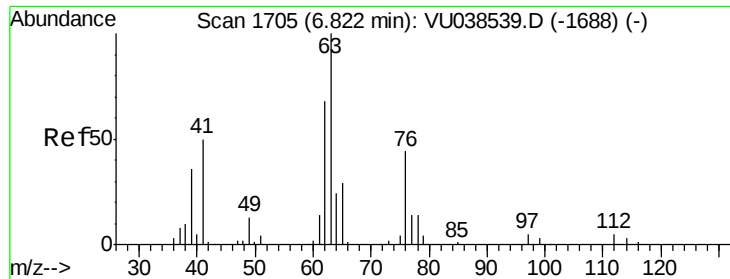
#35
 Methylcyclohexane
 Concen: 0.796 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038549.D
 Acq: 04 Jun 2020 15:19

Tgt Ion:	83	Resp:	26181
Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.4	95.2#
98	1.0	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

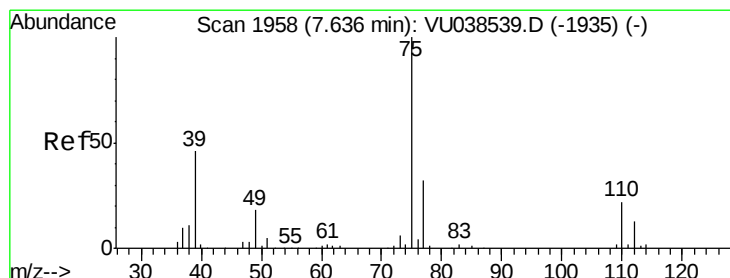
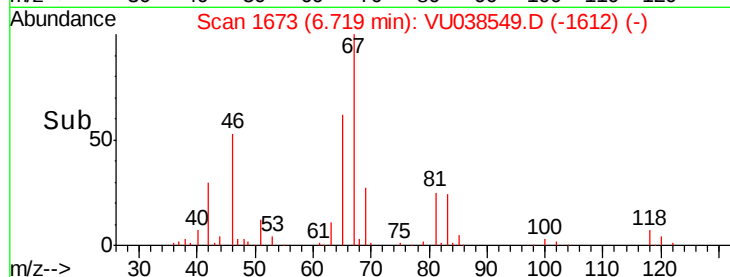
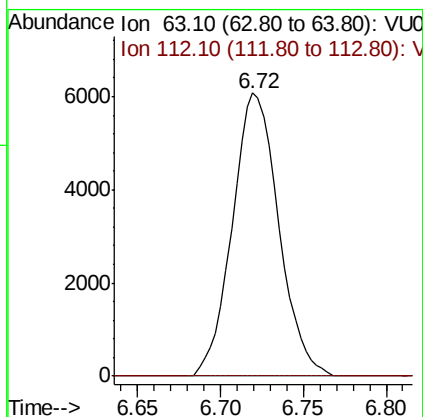
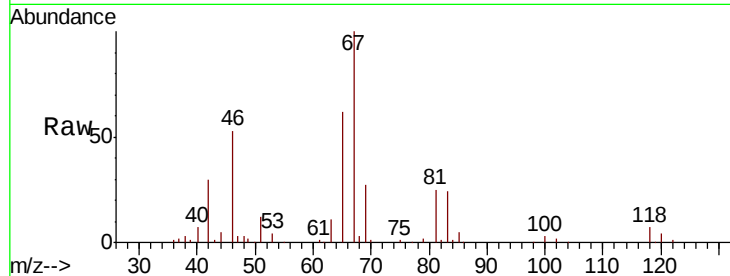




#37
 1,2-Dichloropropane
 Concen: 0.574 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038549.D
 Acq: 04 Jun 2020 15:19

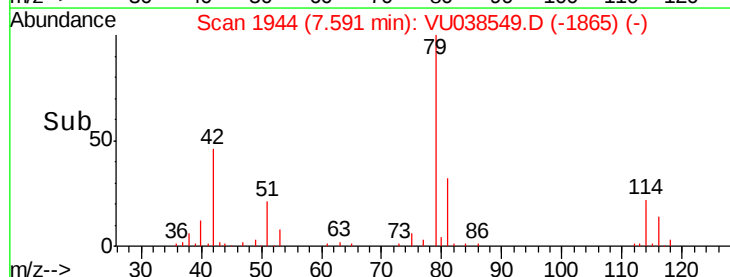
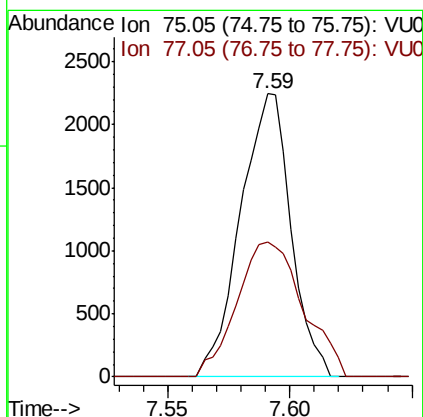
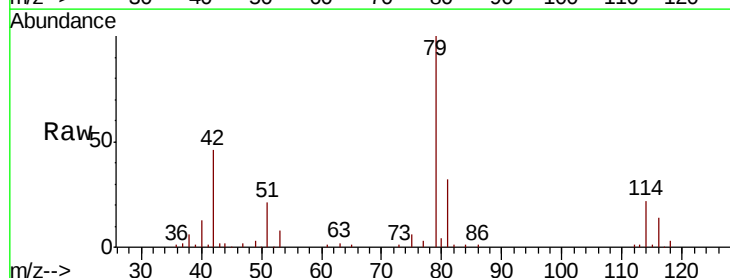
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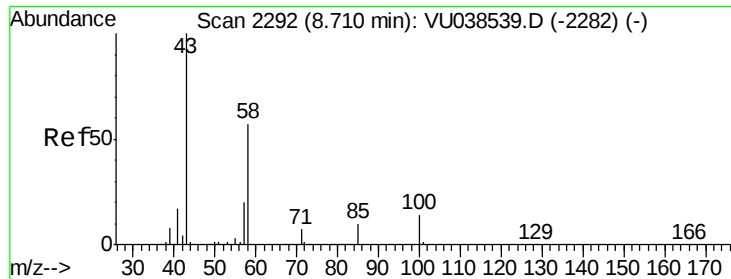
Tot Ion: 63 Resp: 11823
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038549.D
 Acq: 04 Jun 2020 15:19

Tgt Ion: 75 Resp: 3212
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.9 40.7#

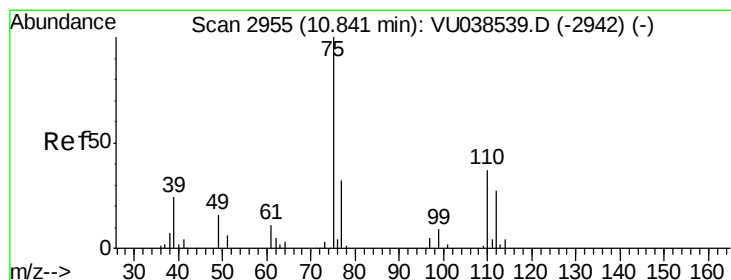
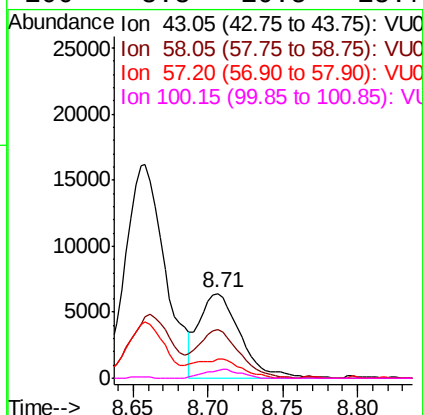
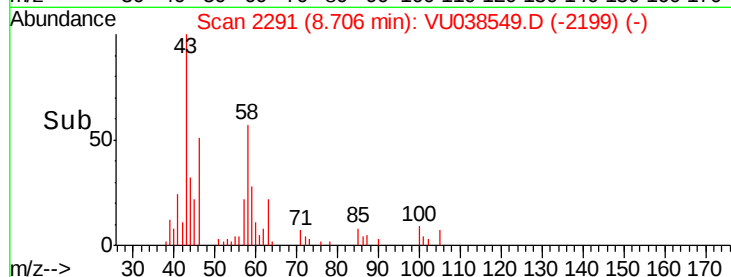
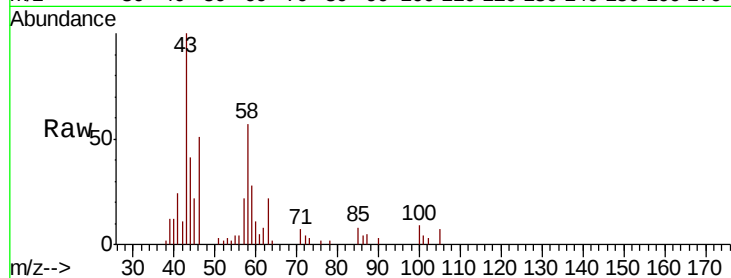




#48
2-Hexanone
Concen: 1.108 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038549.D
Acq: 04 Jun 2020 15:19

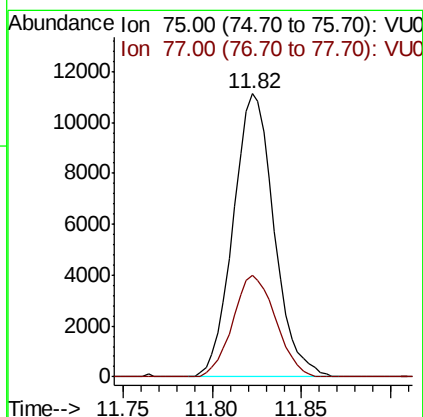
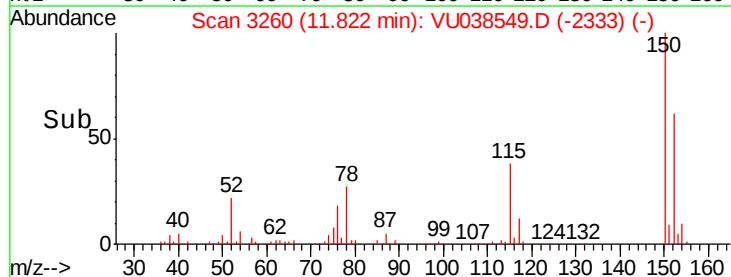
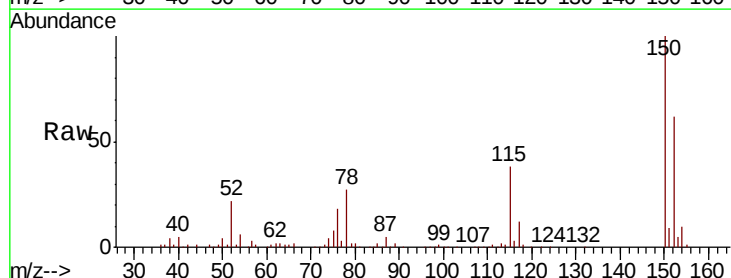
Instrument :
MSVOA_U
ClientSampled :
ETTM8DL

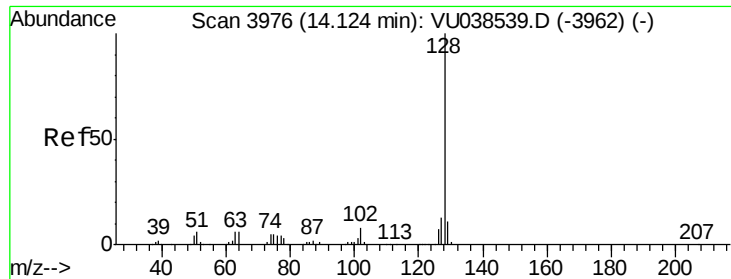
Tot Ion: 43 Resp: 12354
Ion Ratio Lower Upper
43 100
58 59.0 45.4 68.0
57 25.5 15.9 23.9#
100 8.8 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.160 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038549.D
Acq: 04 Jun 2020 15:19

Tgt Ion: 75 Resp: 17815
Ion Ratio Lower Upper
75 100
77 37.5 25.4 38.2





#69

Naphthalene

Concen: 0.367 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038549.D

Acq: 04 Jun 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

ETTM8DL

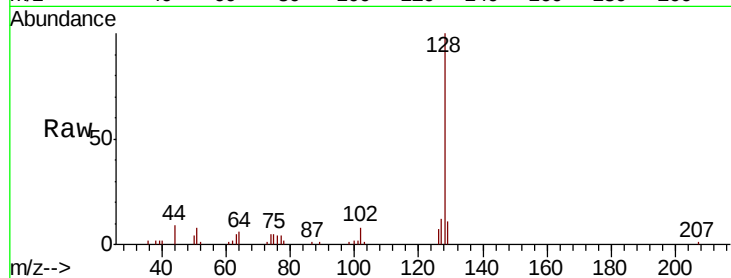
Tot Ion:128 Resp: 20747

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 11.6 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

