

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037588.D
 Acq On : 06 Apr 2020 14:23
 Operator : JC/MD
 Sample : L2158-06DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F03DL

Quant Time: Apr 07 00:50:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	169344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	161542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	76820	50.00	ug/L	0.00

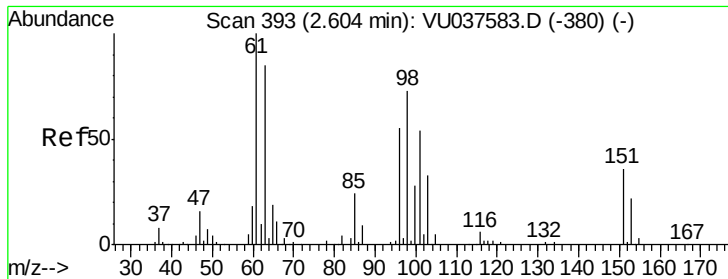
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56147	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.90	69	47390	42.89	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.78%
11) 1,1-Dichloroethene-d2	2.58	63	79459	34.37	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	4.67	46	101154	97.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	5.10	84	104116	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
26) 1,2-Dichloroethane-d4	5.74	65	68160	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
32) Benzene-d6	5.76	84	212570	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
36) 1,2-Dichloropropane-d6	6.72	67	72839	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.46%
41) Toluene-d8	7.92	98	197064	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	8.20	79	37701	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.14%
47) 2-Hexanone-d5	8.66	63	82510	98.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111082	49.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	74711	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	754	0.808	ug/L #	28
12) 1,1-Dichloroethene	2.59	96	1570	1.733	ug/L #	1
20) cis-1,2-Dichloroethene	4.70	96	3138	2.794	ug/L	83
34) Trichloroethene	6.57	95	64244	58.046	ug/L	97
37) 1,2-Dichloropropane	6.72	63	7723	6.404	ug/L #	88
44) trans-1,3-Dichloropropene	8.20	75	1808	0.975	ug/L	85
46) Tetrachloroethene	8.57	164	2085	2.806	ug/L	96
48) 2-Hexanone	8.66	43	9839	6.465	ug/L #	68
49) Dibromochloromethane	8.57	129	1792	1.459	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	11348	7.319	ug/L	96

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.808 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU037588.D

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MSVOA_U

ClientSampleId :

C0F03DL

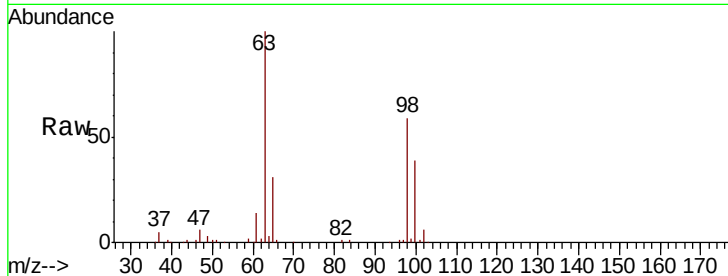
Tot Ion:101 Resp: 754

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

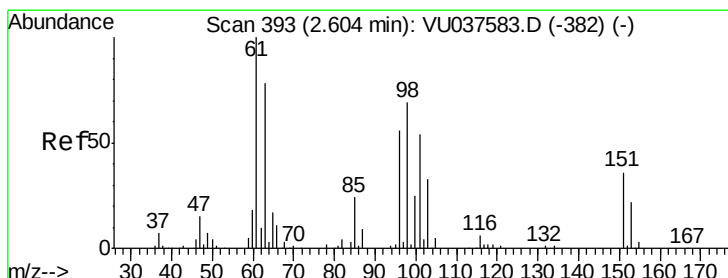
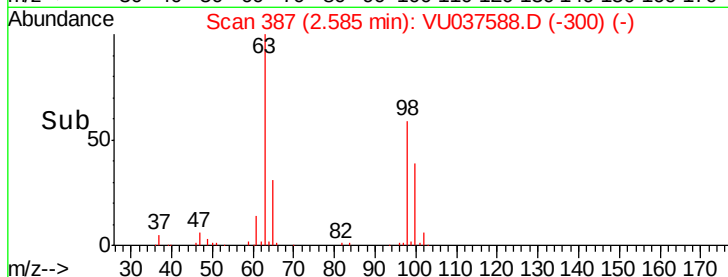
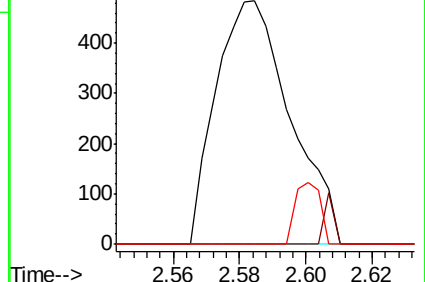
151 8.6 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.733 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037588.D

Acq: 06 Apr 2020 14:23

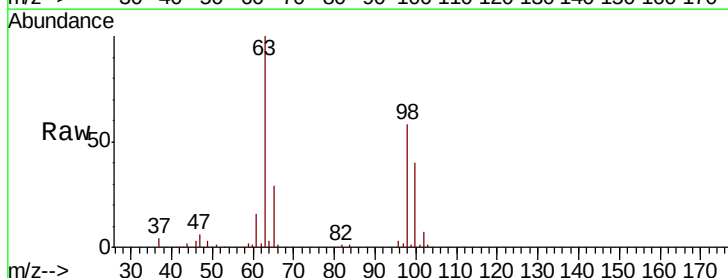
Tgt Ion: 96 Resp: 1570

Ion Ratio Lower Upper

96 100

61 587.9 117.2 217.8#

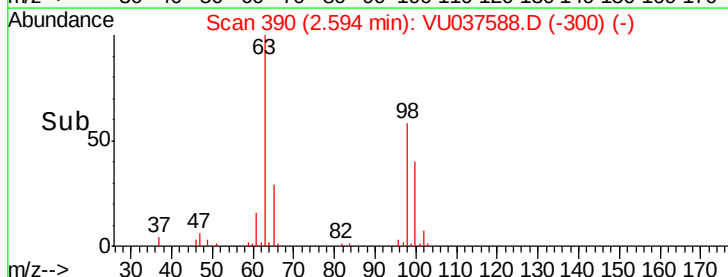
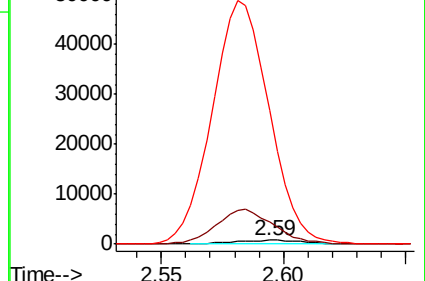
63 3625.0 90.9 168.9#

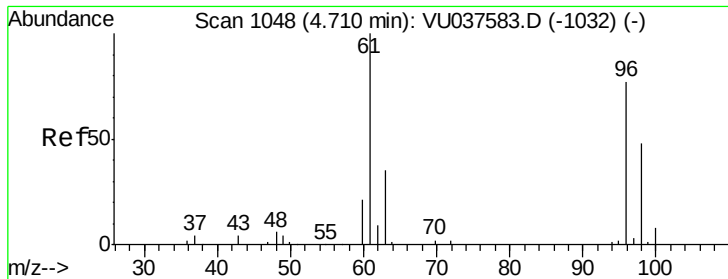


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

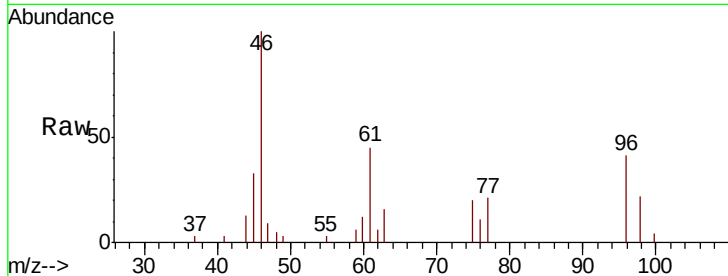




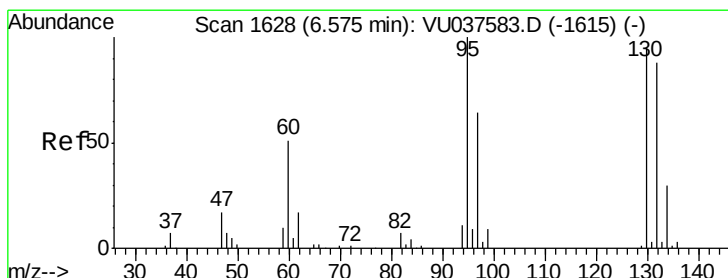
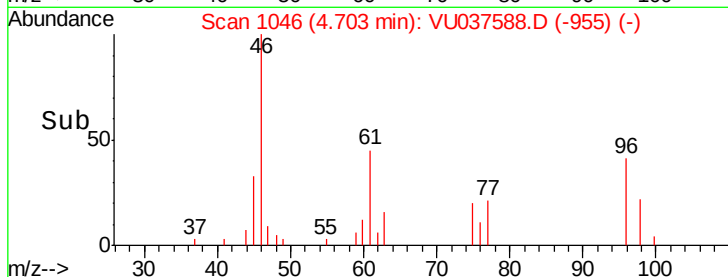
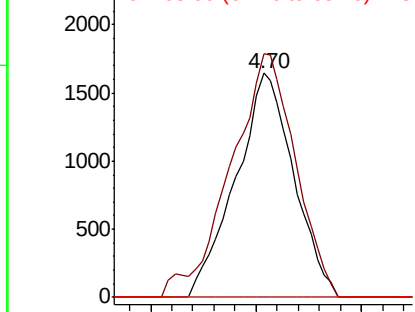
#20
 cis-1,2-Dichloroethene
 Concen: 2.794 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: VU037588.D
 Acq: 06 Apr 2020 14:23

Instrument :
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 ClientSampleId :
 C0F03DL

Tot Ion: 96 Resp: 3138
 Ion Ratio Lower Upper
 96 100
 61 108.7 90.2 167.6
 68 0.0 0.0 0.0

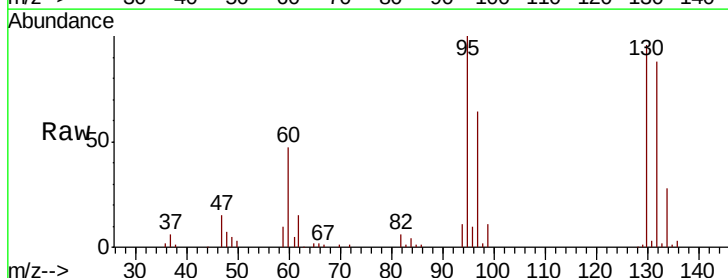


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

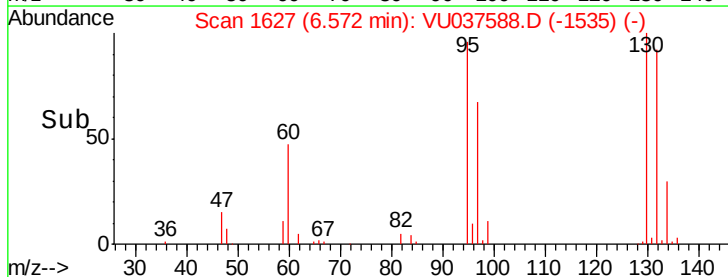
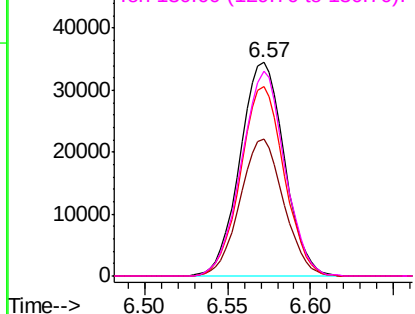


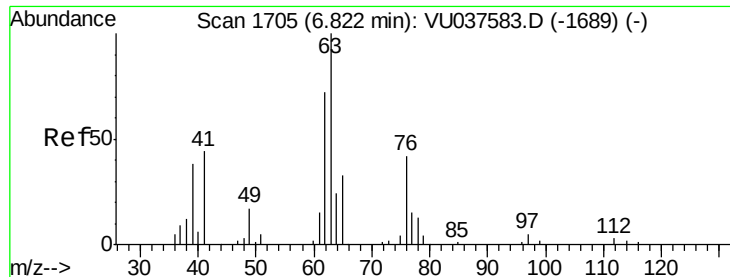
#34
 Trichloroethene
 Concen: 58.046 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037588.D
 Acq: 06 Apr 2020 14:23

Tgt Ion: 95 Resp: 64244
 Ion Ratio Lower Upper
 95 100
 97 64.1 45.2 84.0
 132 88.5 63.7 118.3
 130 95.8 64.5 119.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

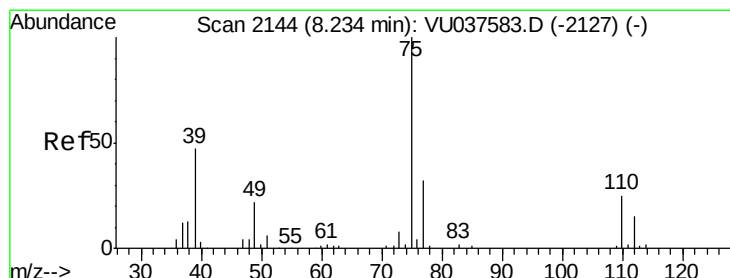
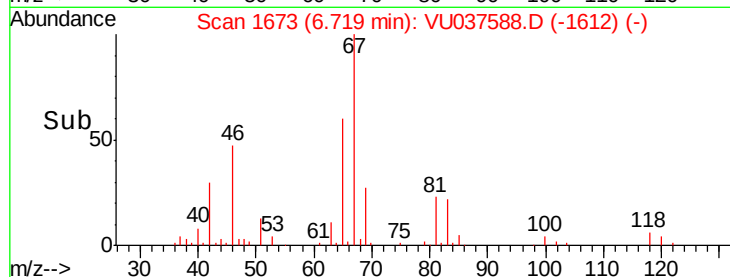
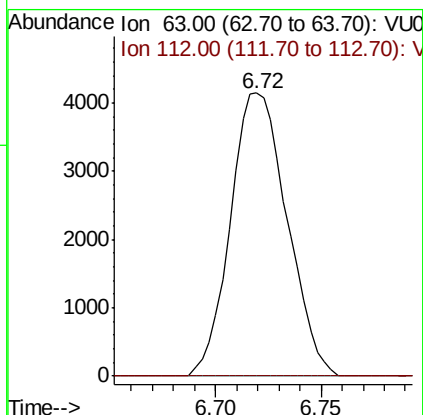
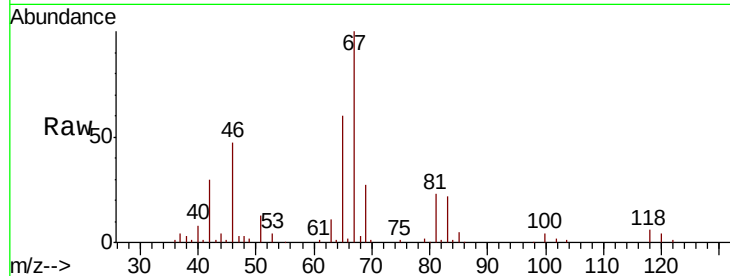




#37
 1,2-Dichloropropane
 Concen: 6.404 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037588.D
 Acq: 06 Apr 2020 14:23

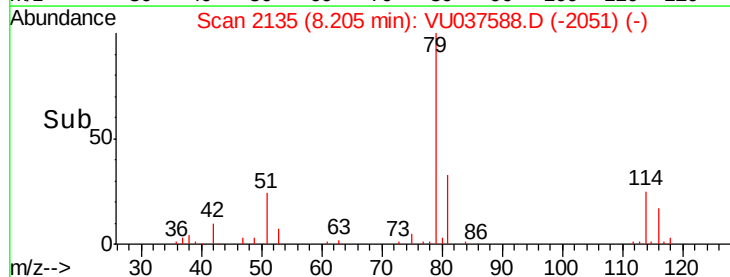
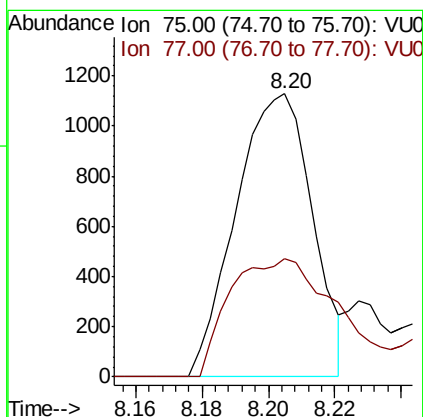
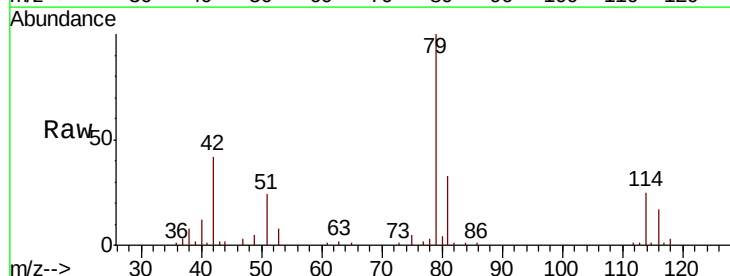
Instrument :
 MSVOA_U
 ClientSampleId :
 C0F03DL

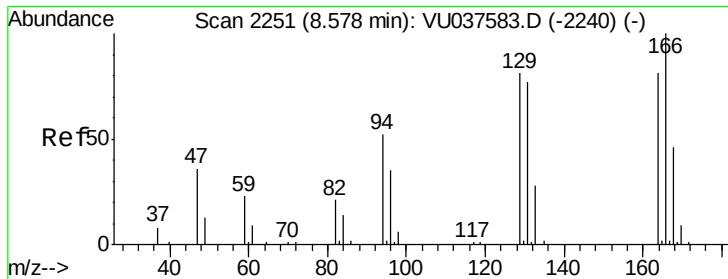
Tot Ion: 63 Resp: 7723
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.975 ug/L
 RT: 8.20 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: VU037588.D
 Acq: 06 Apr 2020 14:23

Tgt Ion: 75 Resp: 1808
 Ion Ratio Lower Upper
 75 100
 77 41.8 23.4 43.6

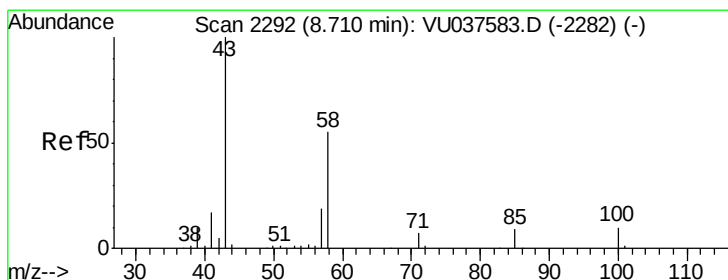
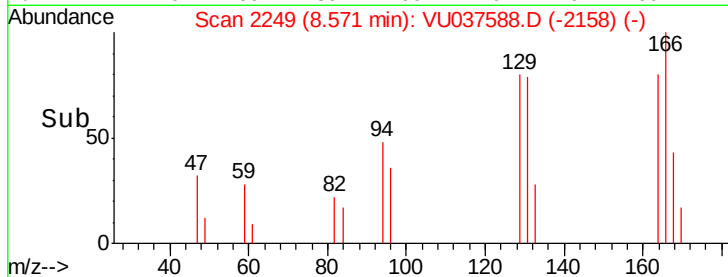
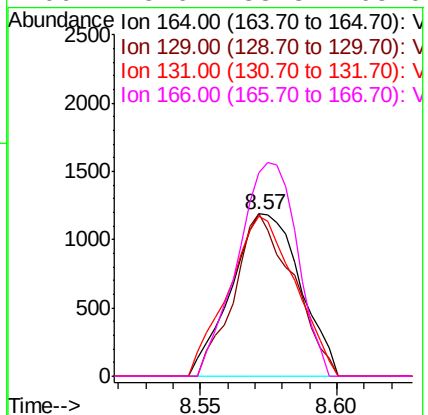
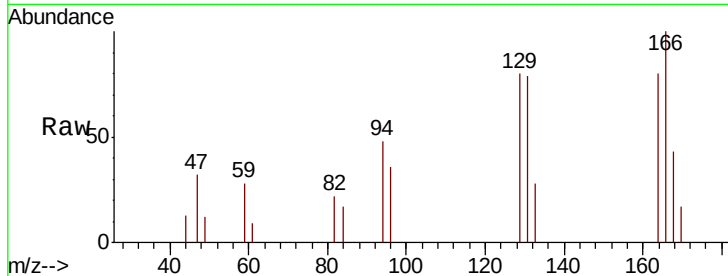




#46
Tetrachloroethene
Concen: 2.806 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.01 min
Lab File: VU037588.D
Acq: 06 Apr 2020 14:23

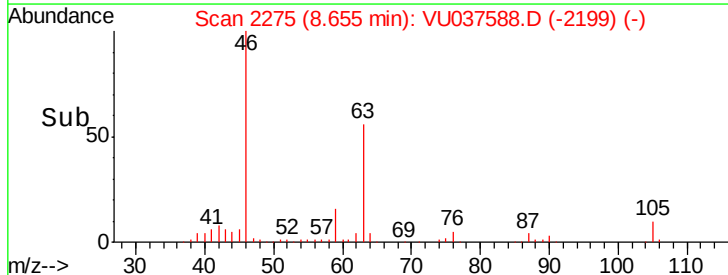
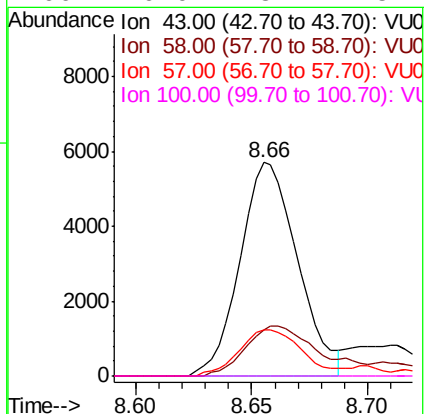
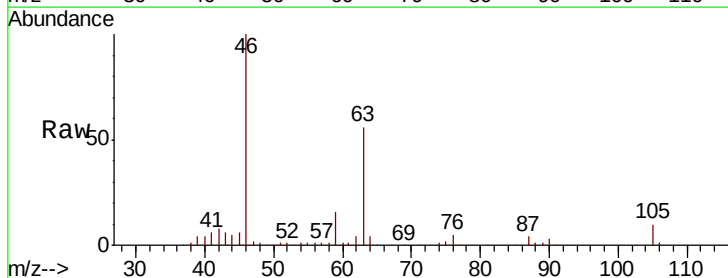
Instrument :
MSVOA_U
ClientSampleId :
C0F03DL

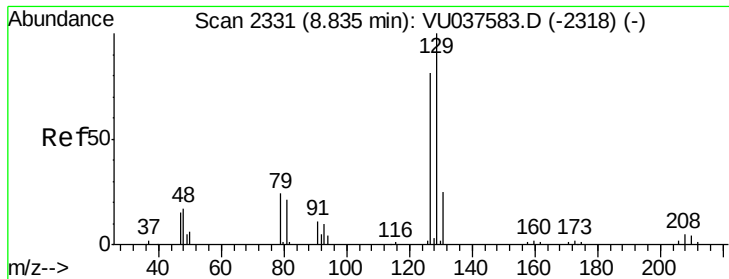
Tot Ion:164 Resp: 2085
Ion Ratio Lower Upper
164 100
129 100.5 76.5 142.1
131 98.9 71.7 133.1
166 125.6 88.8 165.0



#48
2-Hexanone
Concen: 6.465 ug/L
RT: 8.66 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU037588.D
Acq: 06 Apr 2020 14:23

Tgt Ion: 43 Resp: 9839
Ion Ratio Lower Upper
43 100
58 26.1 44.4 66.6#
57 23.8 15.1 22.7#
100 0.0 8.7 13.1#





#49

Dibromochloromethane

Concen: 1.459 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU037588.D

Acq: 06 Apr 2020 14:23

Instrument :

MSVOA_U

ClientSampleId :

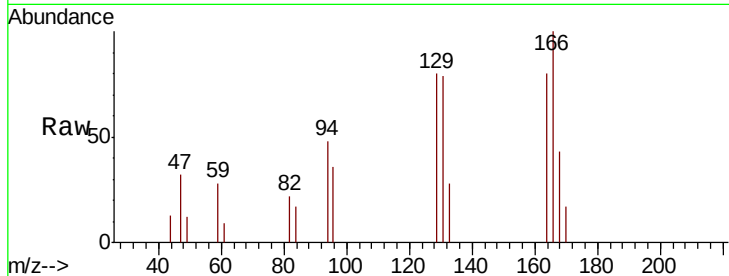
C0F03DL

Tot Ion:129 Resp: 1792

Ion Ratio Lower Upper

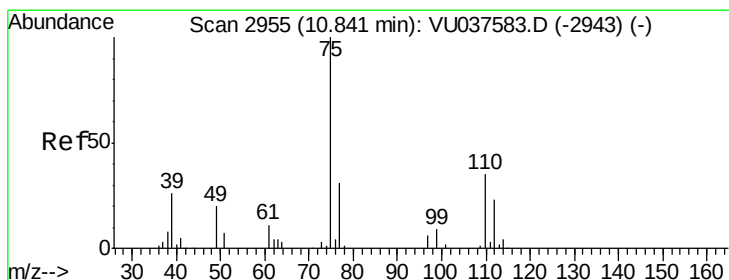
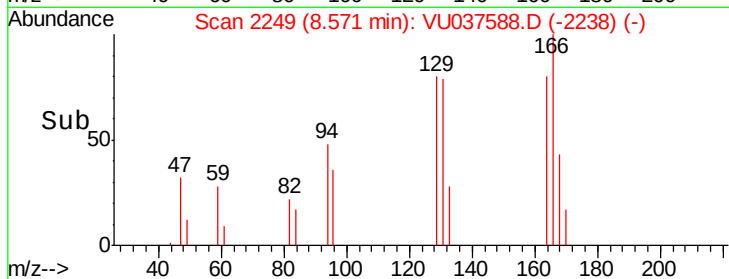
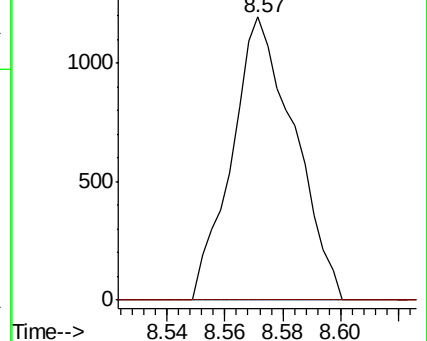
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 7.319 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037588.D

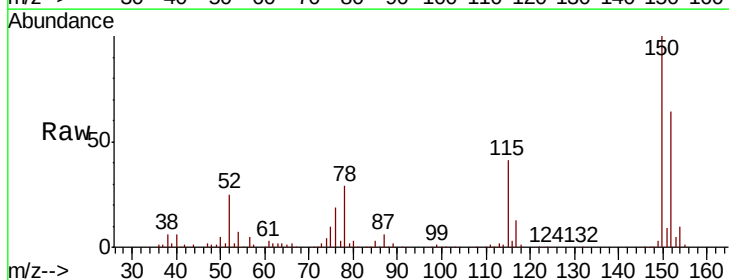
Acq: 06 Apr 2020 14:23

Tgt Ion: 75 Resp: 11348

Ion Ratio Lower Upper

75 100

77 34.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

