

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017832.D
 Acq On : 07 Aug 2020 12:10
 Operator : SY/MD
 Sample : L3572-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 00:24:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225813	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44802	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.38%
7) Chloroethane-d5	1.58	69	44116	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.84%
11) 1,1-Dichloroethene-d2	2.12	63	96207	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	3.91	46	77952	94.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.14%
24) Chloroform-d	4.38	84	147433	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.06	65	116284	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
32) Benzene-d6	5.08	84	252206	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
36) 1,2-Dichloropropane-d6	6.09	67	67056	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.14%
41) Toluene-d8	7.34	98	252422	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%
43) trans-1,3-Dichloropropene-	7.64	79	43394	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
47) 2-Hexanone-d5	8.11	63	55531	87.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101624	45.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	131833	52.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.72%

Target Compounds

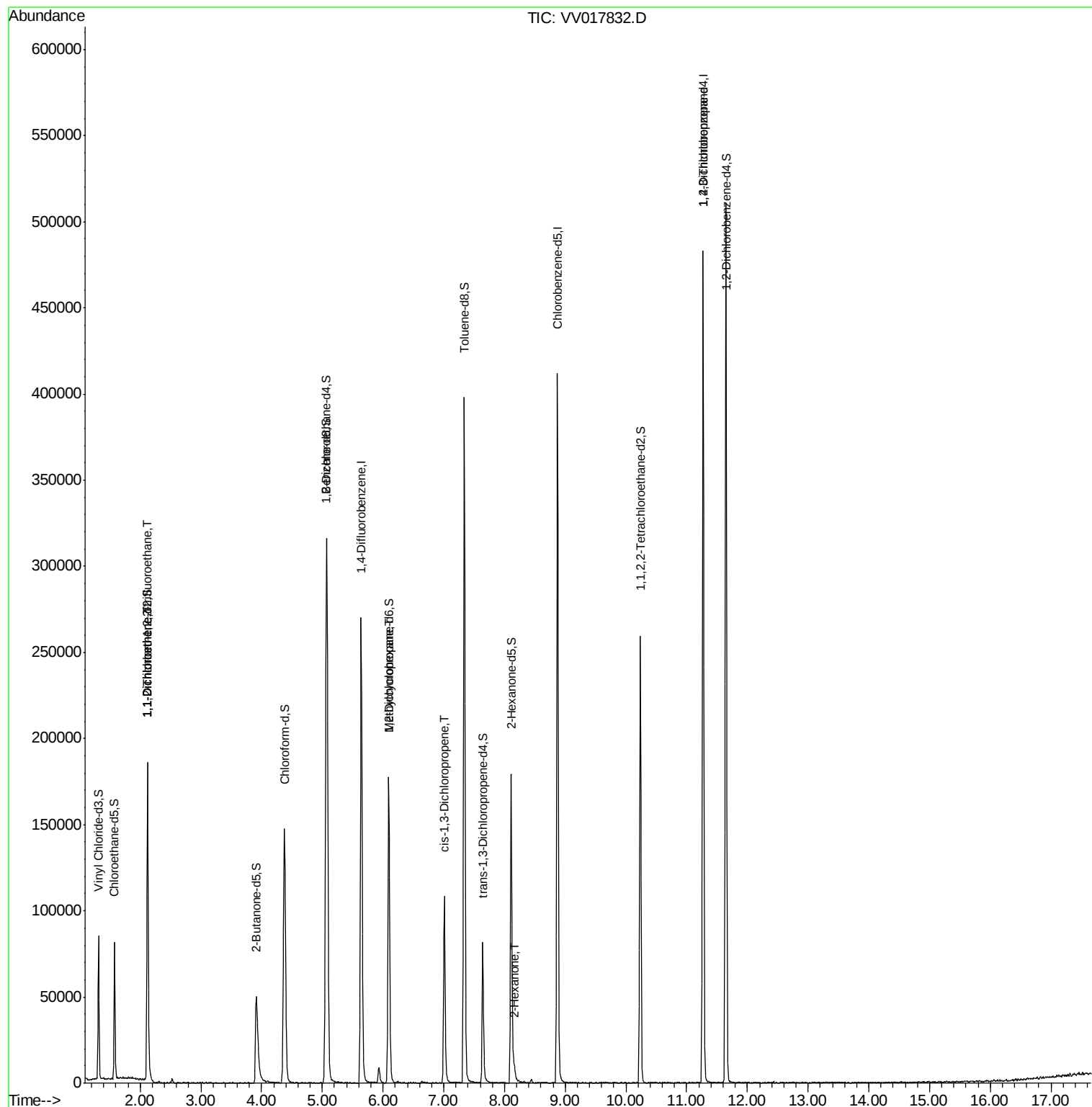
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	988	0.679 ug/L #	15
12) 1,1-Dichloroethene	2.12	96	987	0.726 ug/L #	1
35) Methylcyclohexane	6.10	83	22047	8.658 ug/L #	20
39) cis-1,3-Dichloropropene	7.01	75	3382	1.316 ug/L #	73
48) 2-Hexanone	8.16	43	3637	2.343 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	11495	5.642 ug/L #	76

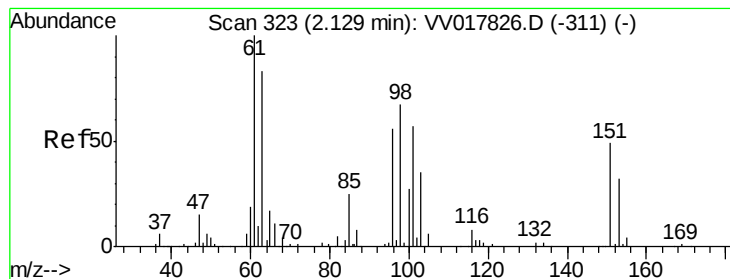
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#10

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

Concen: 0.679 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017832.D

Acq: 07 Aug 2020 12:10

Instrument :

MSVOA_V

ClientSampleId :

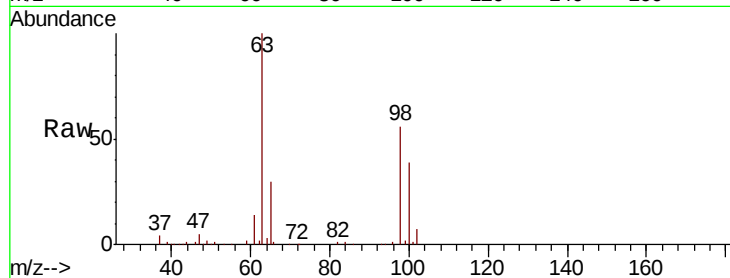
Tot Ion:101 Resp: 988

Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

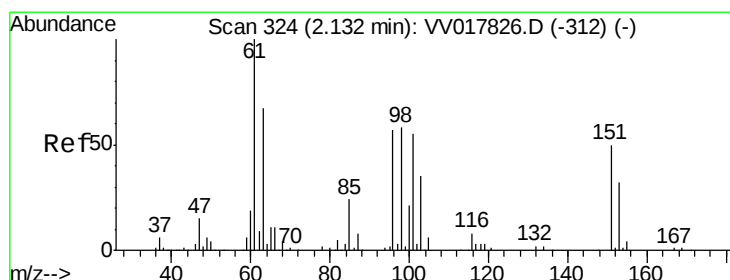
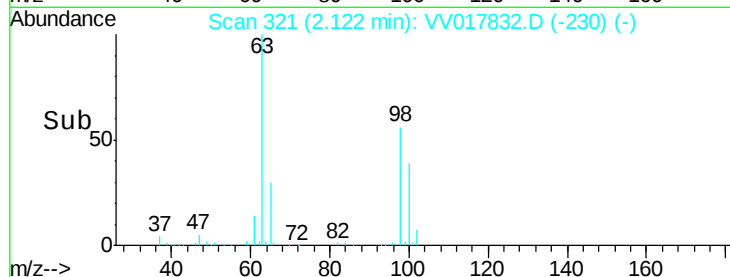
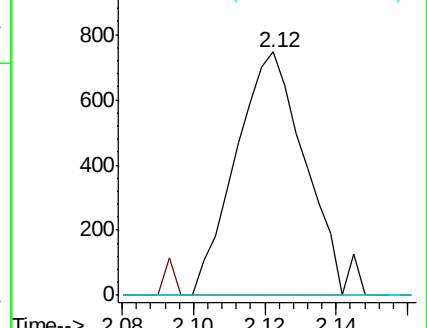
151 0.0 68.2 102.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.726 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017832.D

Acq: 07 Aug 2020 12:10

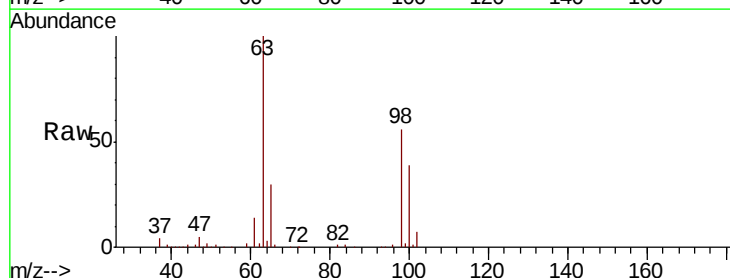
Tgt Ion: 96 Resp: 987

Ion Ratio Lower Upper

96 100

61 1203.0 131.0 243.2#

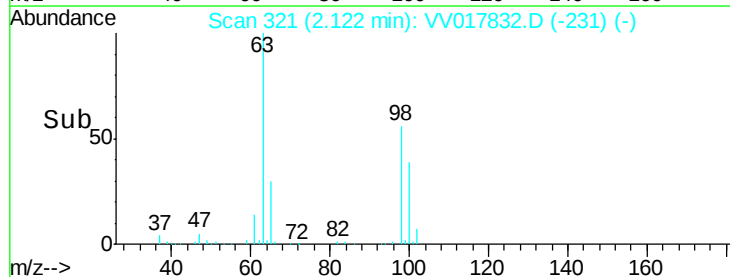
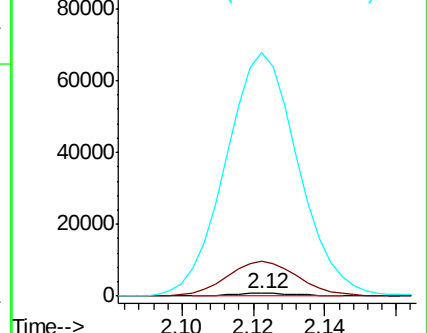
63 8444.3 88.5 164.3#

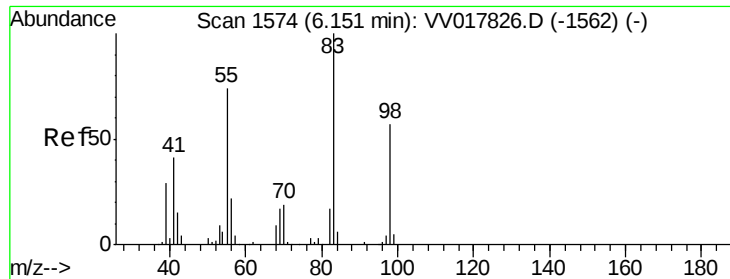


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

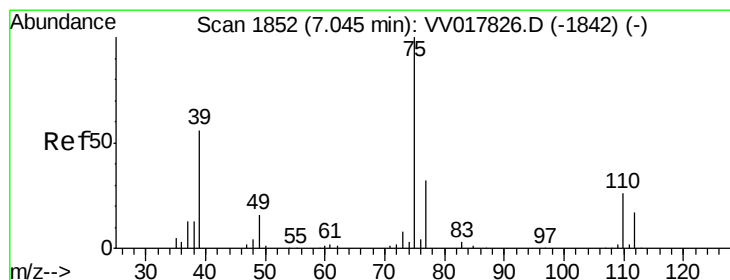
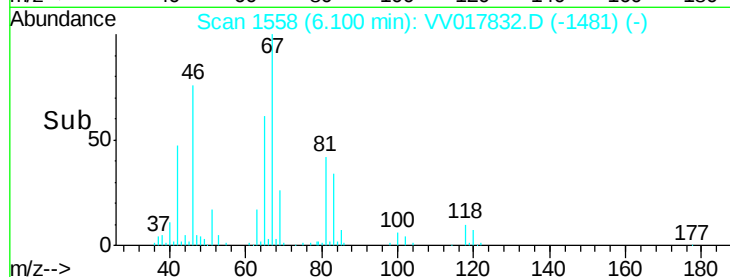
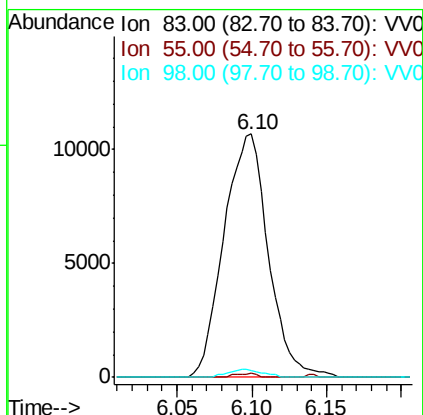
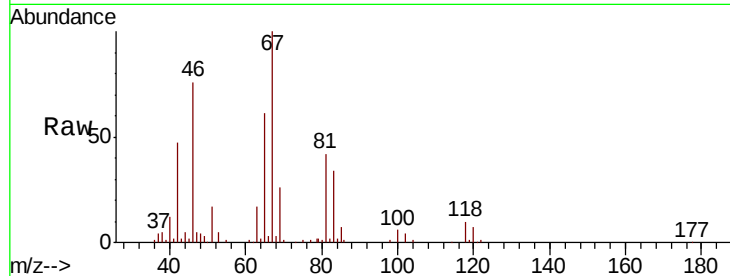




#35
Methylcyclohexane
Concen: 8.658 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017832.D
Acq: 07 Aug 2020 12:10

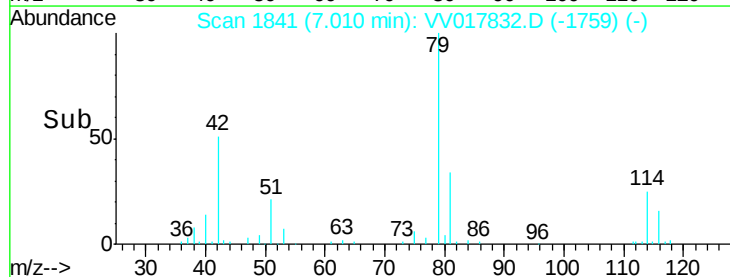
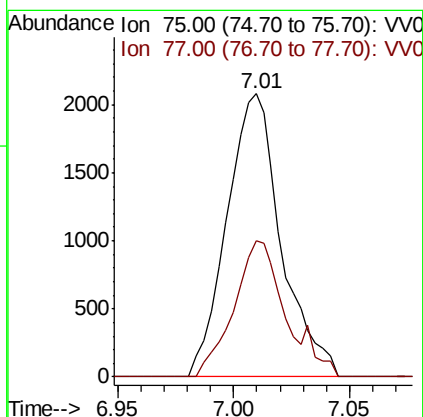
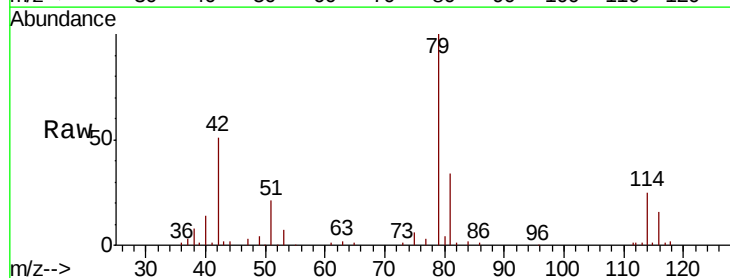
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MSVOA_V
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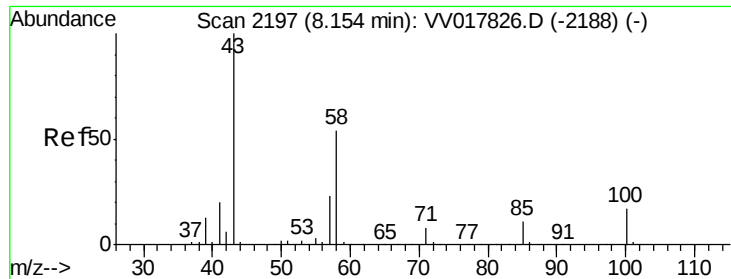
Tot Ion: 83 Resp: 22047
Ion Ratio Lower Upper
83 100
55 0.7 59.4 89.2#
98 2.5 41.2 61.8#



#39
cis-1,3-Dichloropropene
Concen: 1.316 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017832.D
Acq: 07 Aug 2020 12:10

Tgt Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
77 48.3 23.2 43.0#

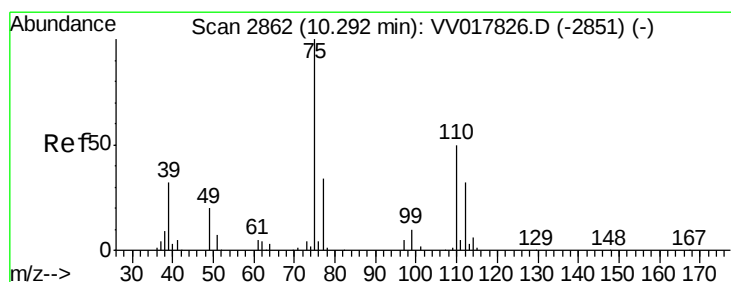
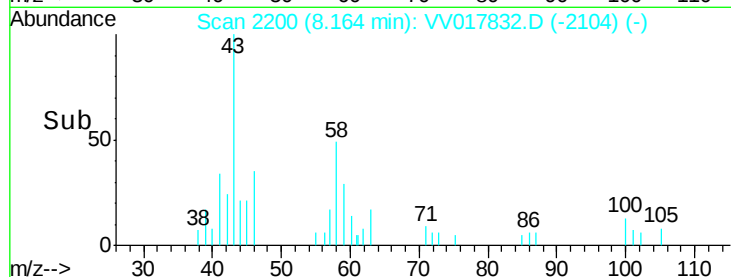
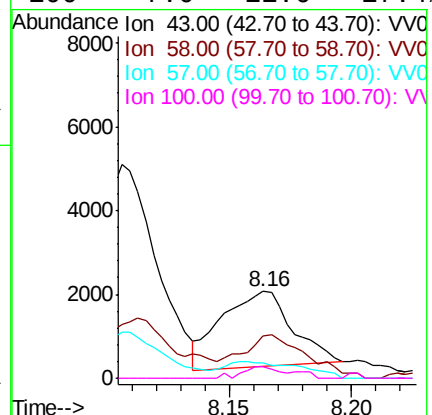
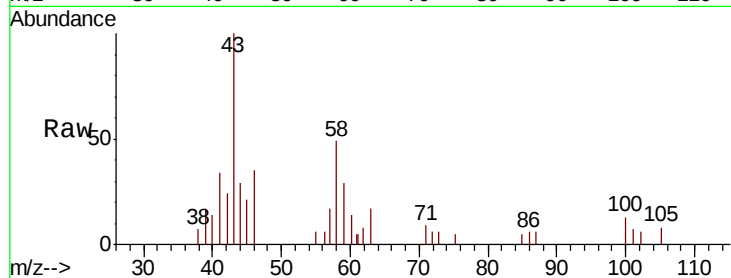




#48
2-Hexanone
Concen: 2.343 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017832.D
Acq: 07 Aug 2020 12:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
58 43.4 42.8 64.2
57 0.0 16.6 24.8#
100 7.0 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 5.642 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017832.D
Acq: 07 Aug 2020 12:10

Tgt Ion: 75 Resp: 11495
Ion Ratio Lower Upper
75 100
77 44.8 25.1 37.7#

