

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017361.D
 Acq On : 06 Jul 2020 19:16
 Operator : SY/MD
 Sample : L3168-10DL 200X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ6DL

Quant Time: Jul 07 01:21:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	156246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	150979	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38589	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	33125	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	67316	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.96	46	92646	38.76	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.52%
24) Chloroform-d	4.38	84	97069	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	54688	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	174679	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.10	67	49075	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.34	98	158498	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	7.65	79	20356	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.12	63	67313	36.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34967	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	62442	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

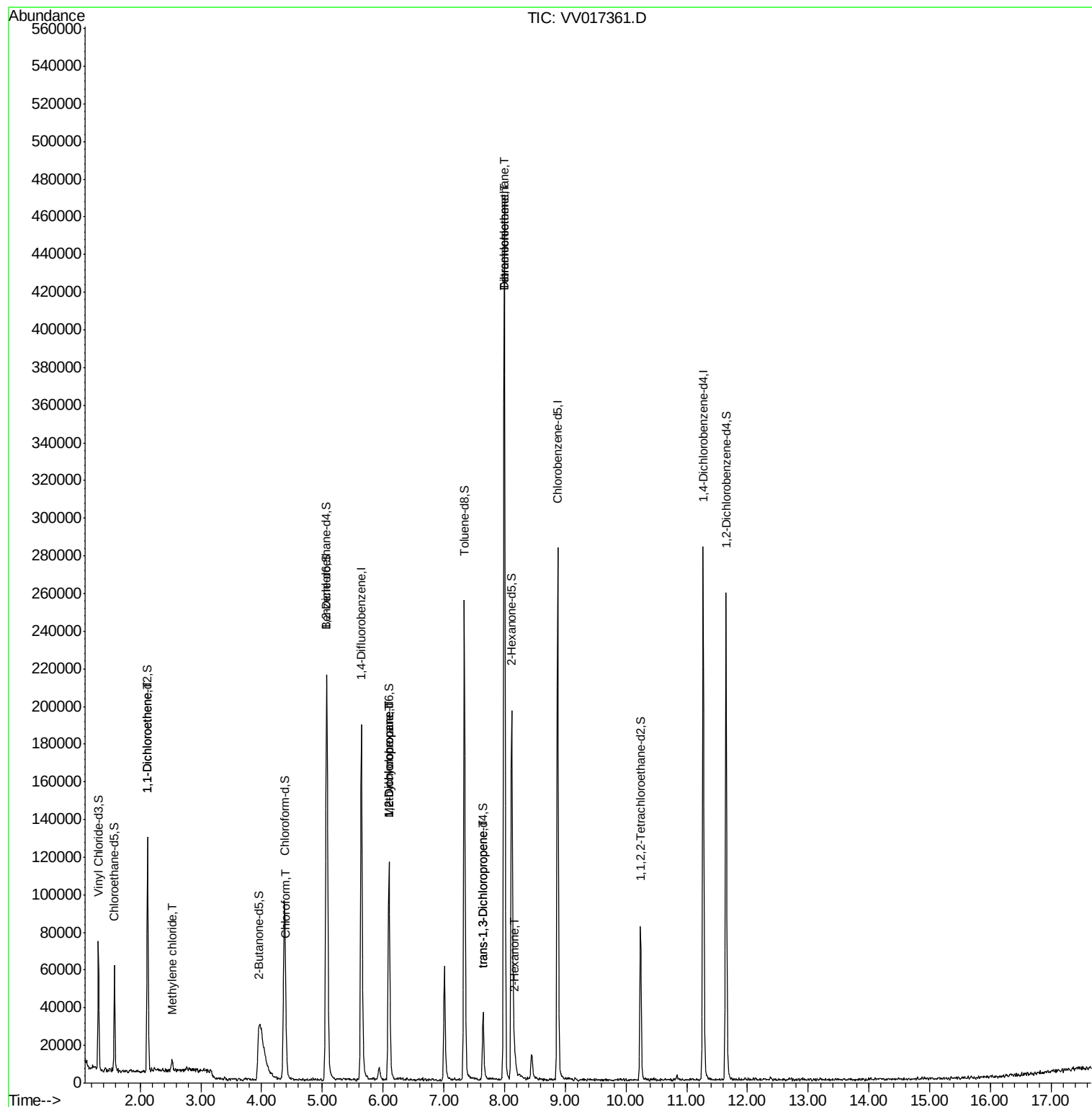
					Ovalue
12) 1,1-Dichloroethene	2.12	96	639	0.085 ug/L #	1
16) Methylene chloride	2.52	84	2205	0.275 ug/L	87
25) Chloroform	4.41	83	4155	0.213 ug/L	98
35) Methylcyclohexane	6.10	83	15053	0.836 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6107	0.624 ug/L #	85
46) trans-1,3-Dichloropropene	7.64	75	982	0.078 ug/L	89
49) Tetrachloroethene	8.00	164	103034	11.057 ug/L	98
50) 2-Hexanone	8.17	43	4597	1.143 ug/L	98
51) Dibromochloromethane	8.00	129	92530	10.996 ug/L #	11

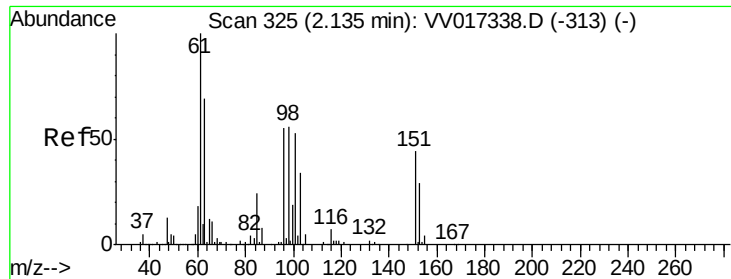
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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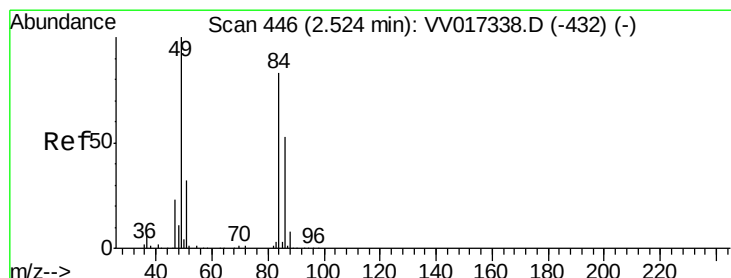
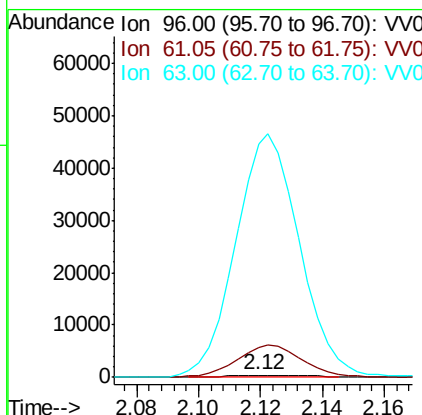
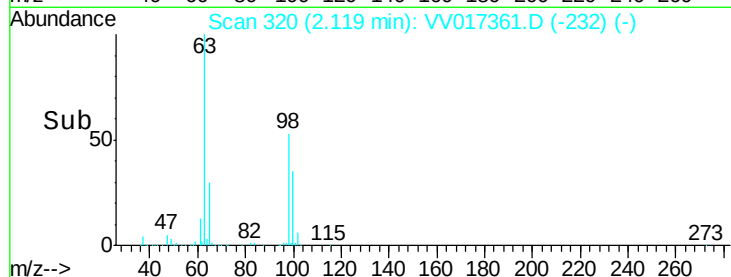
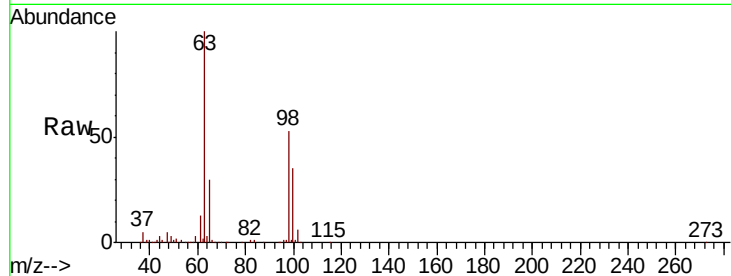




#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.02 min
 Lab File: VV017361.D
 Acq: 06 Jul 2020 19:16

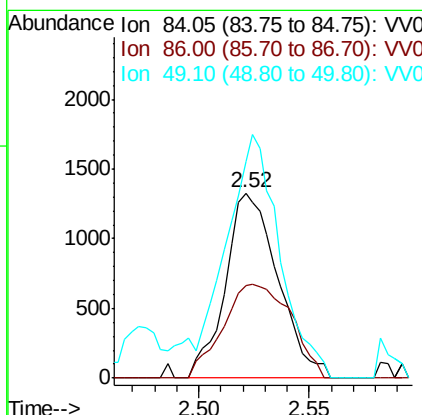
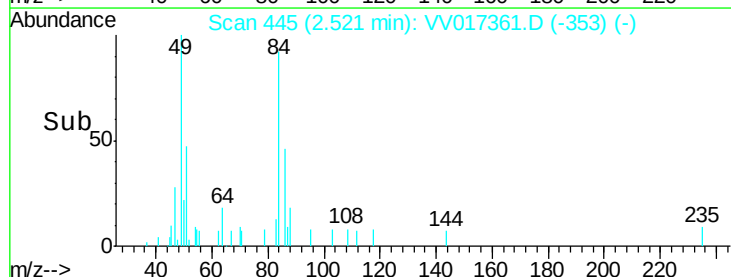
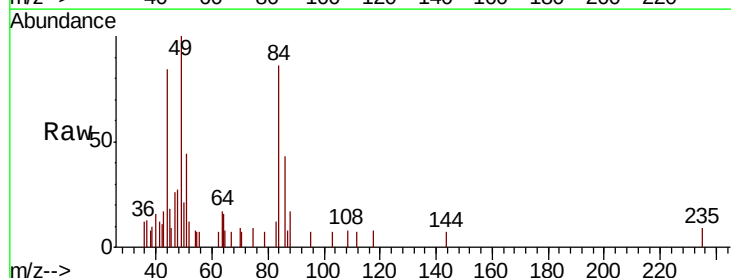
Instrument :
 MSVOA_V
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 C0AJ6DL

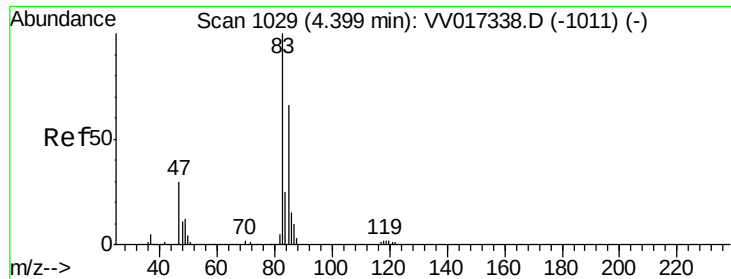
Tot Ion: 96 Resp: 639
 Ion Ratio Lower Upper
 96 100
 61 1617.6 125.0 232.2#
 63 12506.4 109.8 203.8#



#16
 Methylene chloride
 Concen: 0.275 ug/L
 RT: 2.52 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: VV017361.D
 Acq: 06 Jul 2020 19:16

Tgt Ion: 84 Resp: 2205
 Ion Ratio Lower Upper
 84 100
 86 49.7 45.8 85.0
 49 116.7 89.6 166.4





#25

Chloroform

Concen: 0.213 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV017361.D

Acq: 06 Jul 2020 19:16

Instrument :

MSVOA_V

ClientSampleId :

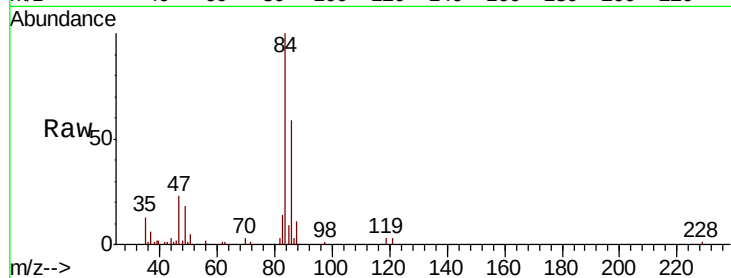
C0AJ6DL

Tot Ion: 83 Resp: 4155

Ion Ratio Lower Upper

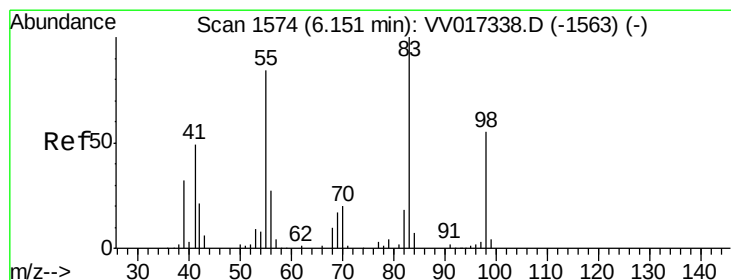
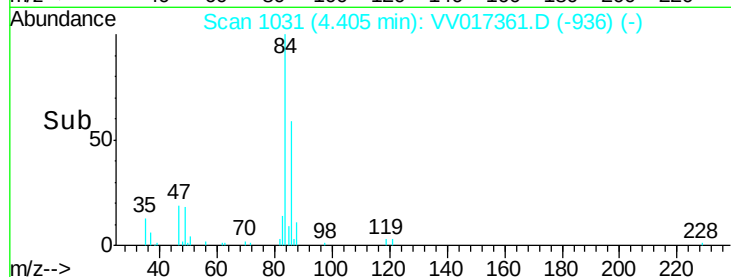
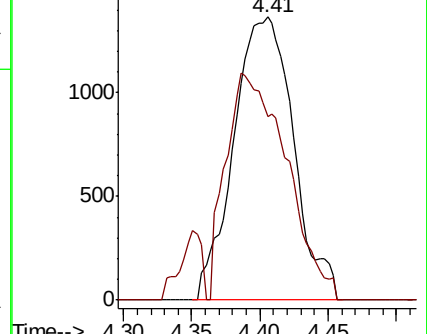
83 100

85 64.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017361.D

Acq: 06 Jul 2020 19:16

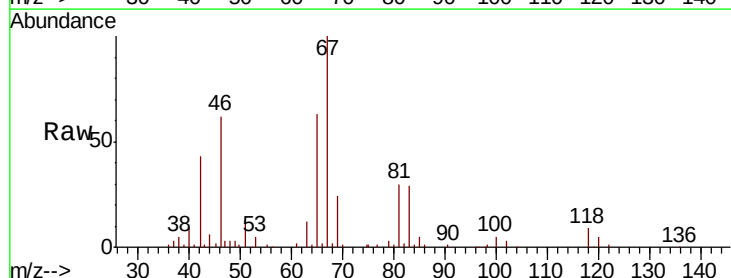
Tgt Ion: 83 Resp: 15053

Ion Ratio Lower Upper

83 100

55 1.4 63.6 95.4#

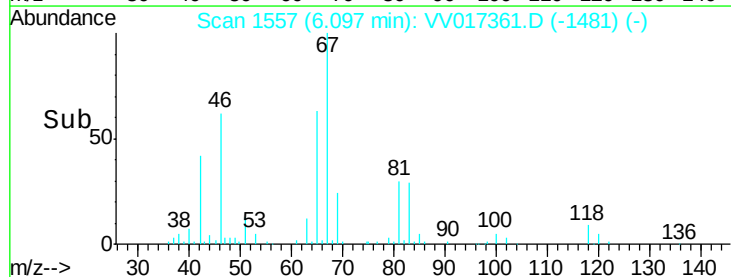
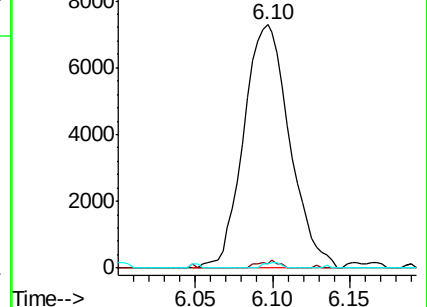
98 0.9 38.8 58.2#

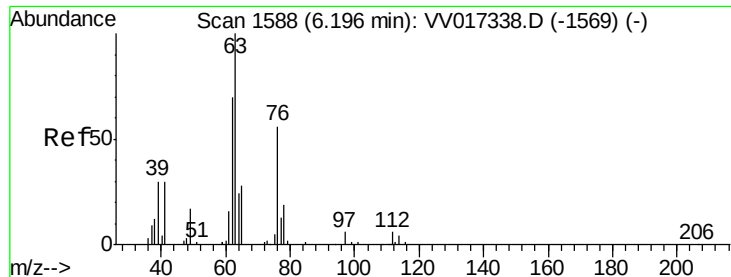


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

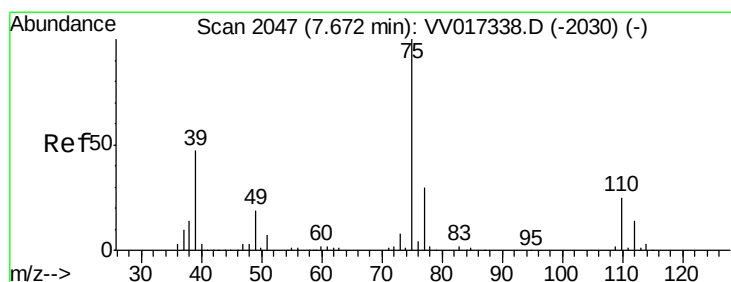
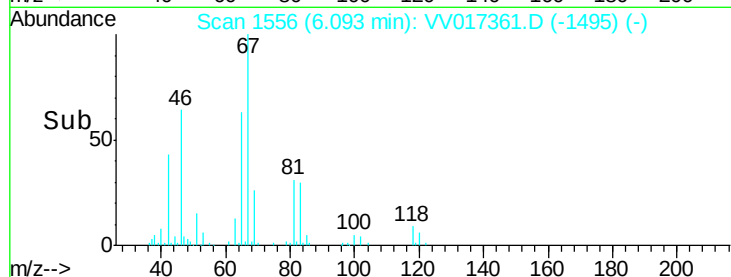
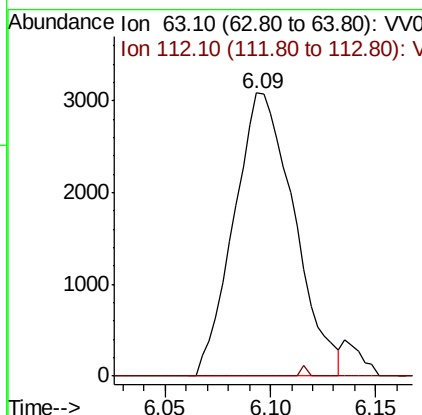
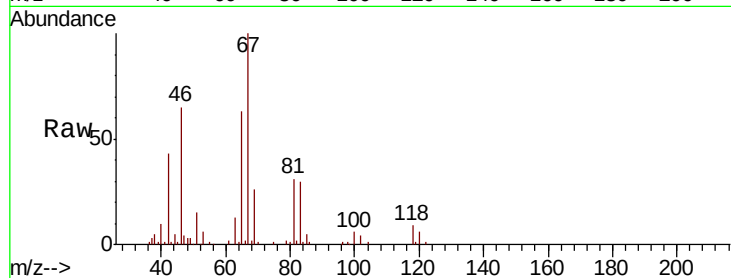




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017361.D
 Acq: 06 Jul 2020 19:16

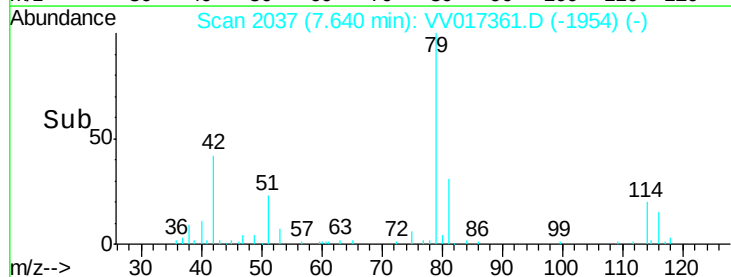
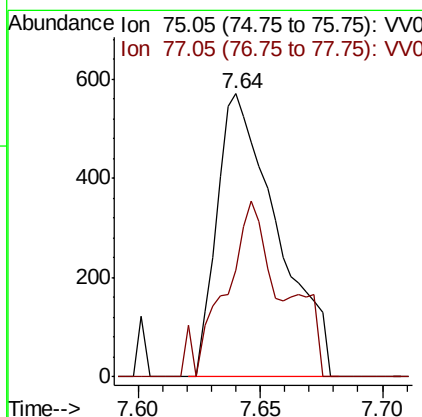
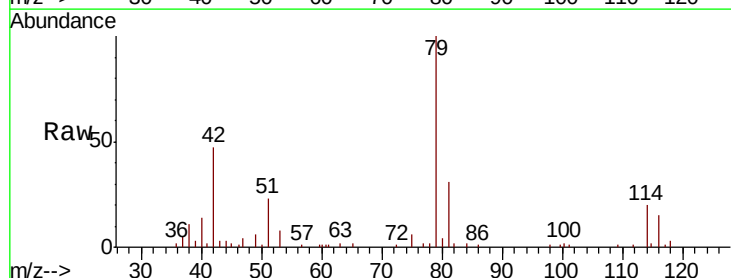
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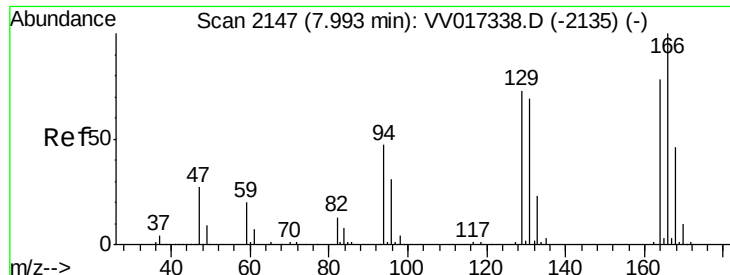
Tot Ion: 63 Resp: 6107
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV017361.D
 Acq: 06 Jul 2020 19:16

Tgt Ion: 75 Resp: 982
 Ion Ratio Lower Upper
 75 100
 77 37.7 22.3 41.3





#49

Tetrachloroethene

Concen: 11.057 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017361.D

Acq: 06 Jul 2020 19:16

Instrument :

MSVOA_V

ClientSampleId :

C0AJ6DL

Tot Ion:164 Resp: 103034

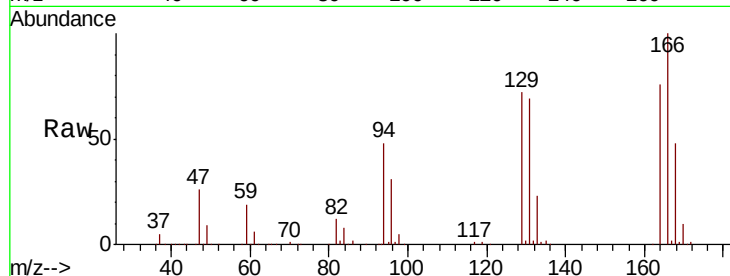
Ion Ratio Lower Upper

164 100

129 95.0 65.2 121.0

131 90.4 64.1 119.1

166 131.6 90.2 167.4

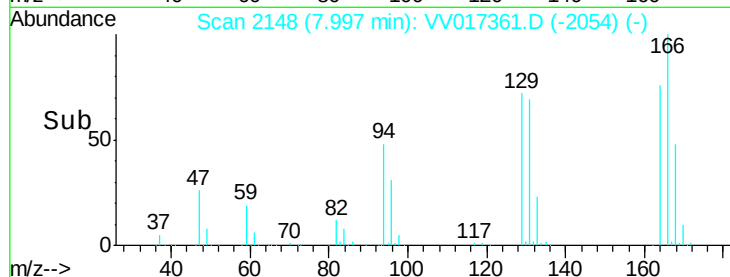


Abundance Ion 163.90 (163.60 to 164.60): V

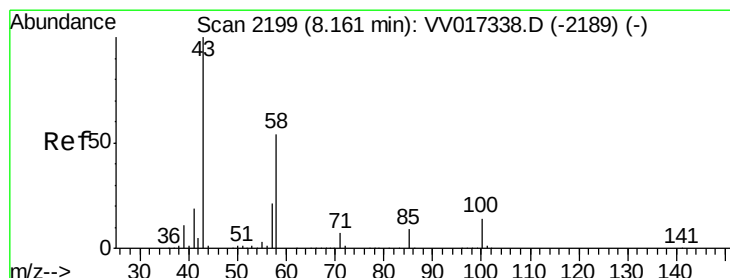
Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time--> 7.90 7.95 8.00 8.05 8.10



#50

2-Hexanone

Concen: 1.143 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017361.D

Acq: 06 Jul 2020 19:16

Tgt Ion: 43 Resp: 4597

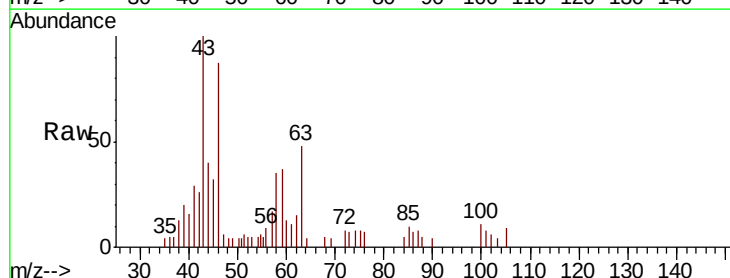
Ion Ratio Lower Upper

43 100

58 51.5 41.6 62.4

57 20.9 15.4 23.0

100 10.2 10.1 15.1

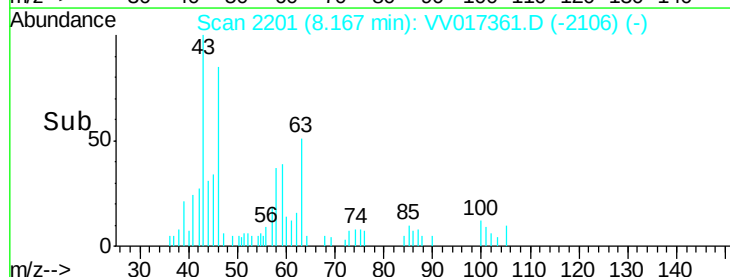


Abundance Ion 43.05 (42.75 to 43.75): VV0

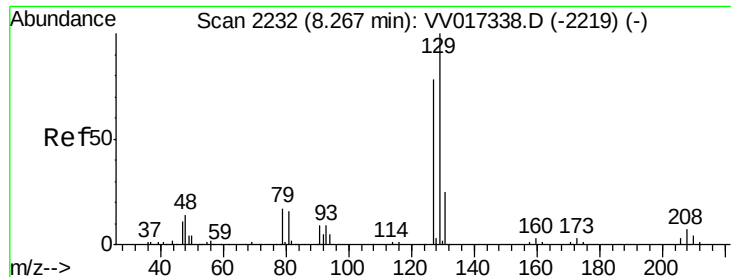
Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0



Time--> 8.15 8.20 8.25



#51

Dibromochloromethane

Concen: 10.996 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017361.D

Acq: 06 Jul 2020 19:16

Instrument :

MSVOA_V

ClientSampleId :

C0AJ6DL

Tot Ion:129 Resp: 92530

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

