

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017283.D
 Acq On : 01 Jul 2020 12:23
 Operator : SY/MD
 Sample : L3150-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYH8

Quant Time: Jul 02 03:05:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150820	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	150233	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44012	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	37854	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.12	63	69679	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.95	46	121495	52.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.38	84	113109	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
26) 1,2-Dichloroethane-d4	5.06	65	62570	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.00%
32) Benzene-d6	5.07	84	202171	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.09	67	59854	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.34	98	171177	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
45) trans-1,3-Dichloropropene-	7.64	79	22904	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	8.11	63	85970	46.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44209	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	71727	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

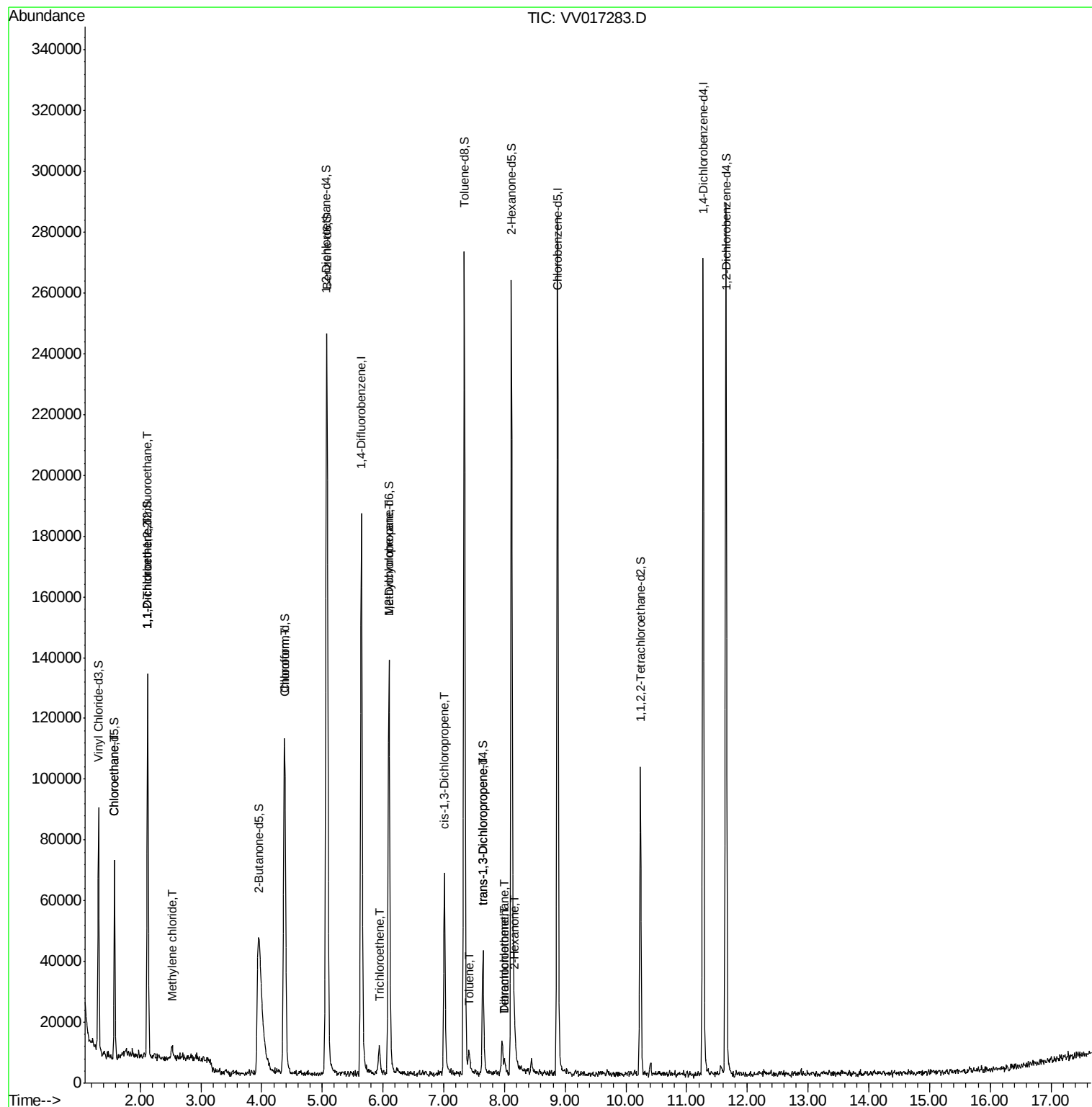
					Ovalue
8) Chloroethane	1.59	64	697	0.127 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	669	0.084 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	774	0.107 ug/L #	1
16) Methylene chloride	2.53	84	2023	0.261 ug/L	92
25) Chloroform	4.39	83	2012	0.107 ug/L	81
34) Trichloroethene	5.94	95	1705	0.148 ug/L	79
35) Methylcyclohexane	6.10	83	15966	0.891 ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	2011	0.139 ug/L #	76
42) Toluene	7.41	91	4541	0.099 ug/L	97
46) trans-1,3-Dichloropropene	7.64	75	1389	0.111 ug/L	92
49) Tetrachloroethene	8.00	164	1238	0.134 ug/L	79
50) 2-Hexanone	8.17	43	5716	1.428 ug/L #	49
51) Dibromochloromethane	7.99	129	1096	0.131 ug/L #	11

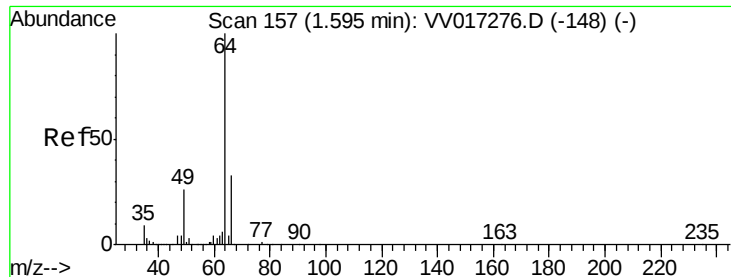
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.127 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Instrument :

MSVOA_V

ClientSampled :

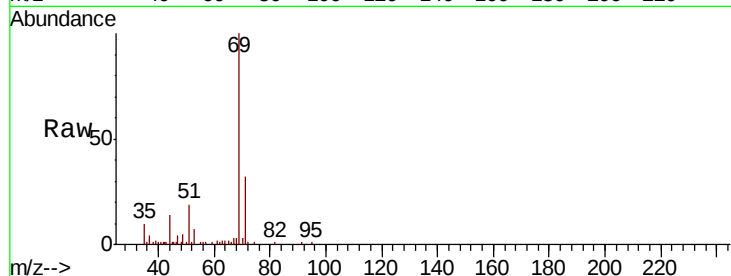
ETXH8

Tot Ion: 64 Resp: 697

Ion Ratio Lower Upper

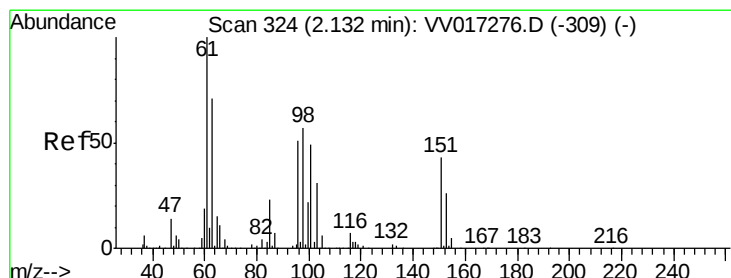
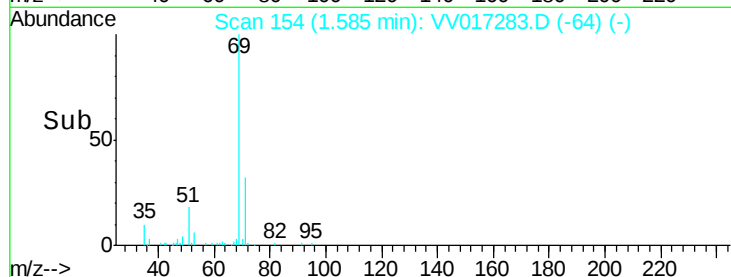
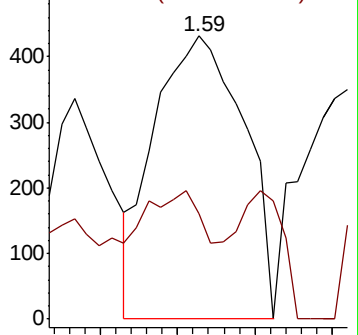
64 100

66 37.0 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

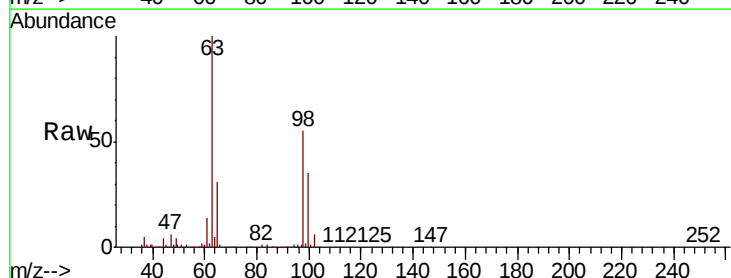
Tgt Ion:101 Resp: 669

Ion Ratio Lower Upper

101 100

85 9.6 35.4 53.2#

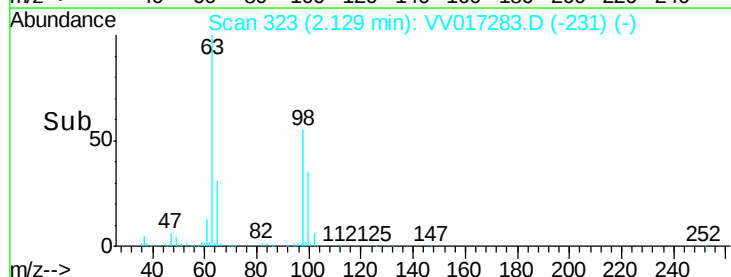
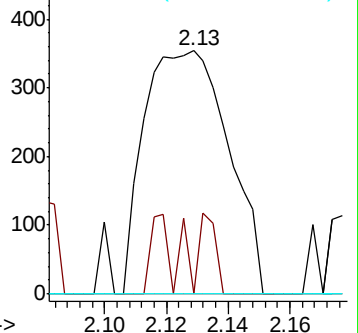
151 0.0 63.9 95.9#

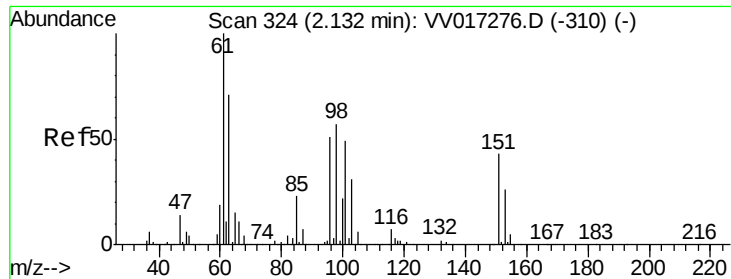


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Instrument :

MSVOA_V

ClientSampled :

ETXH8

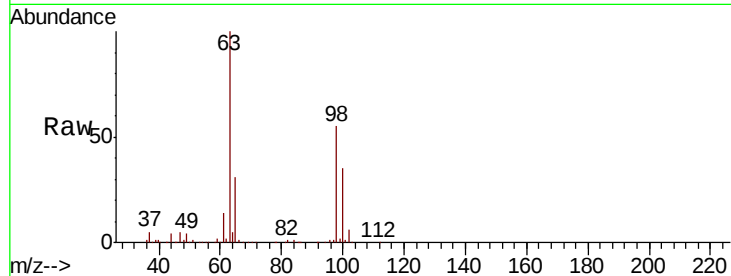
Tot Ion: 96 Resp: 774

Ion Ratio Lower Upper

96 100

61 1240.5 125.0 232.2#

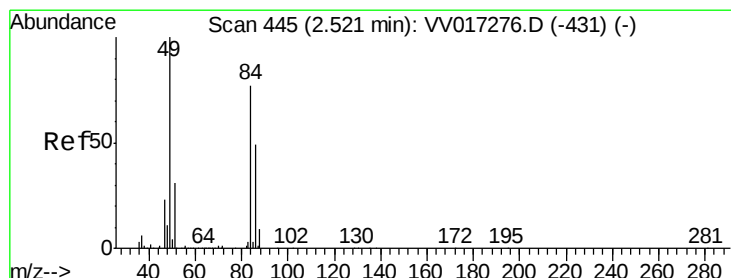
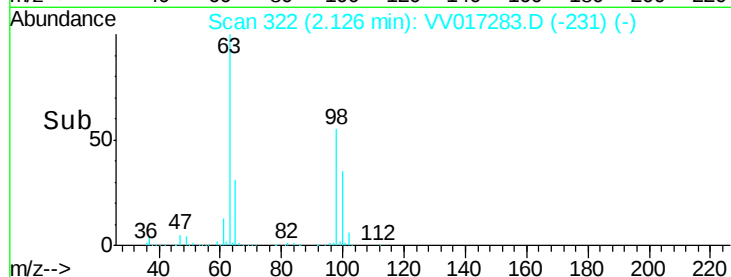
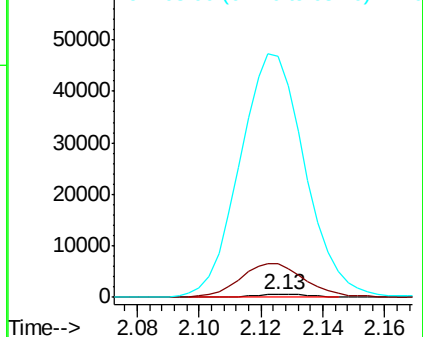
63 9025.5 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.261 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

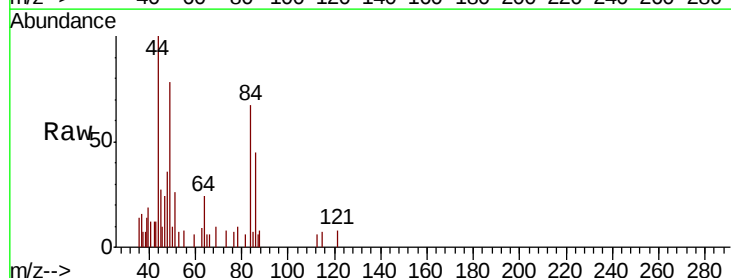
Tgt Ion: 84 Resp: 2023

Ion Ratio Lower Upper

84 100

86 66.9 45.8 85.0

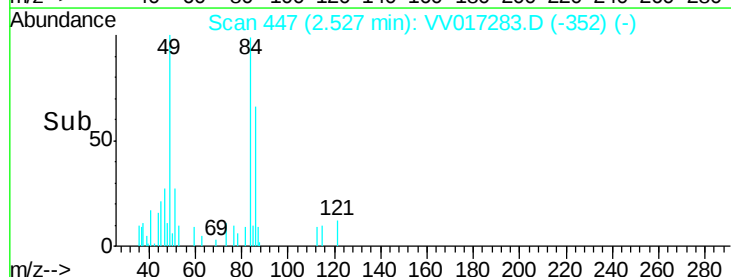
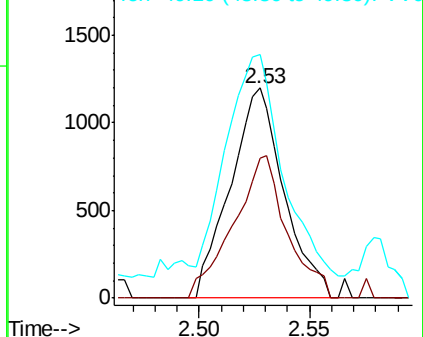
49 116.0 89.6 166.4

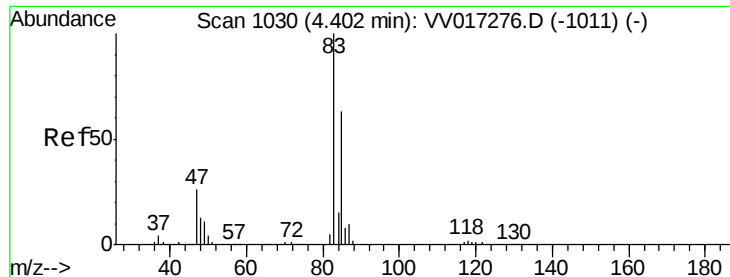


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. -0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Instrument :

MSVOA_V

ClientSampled :

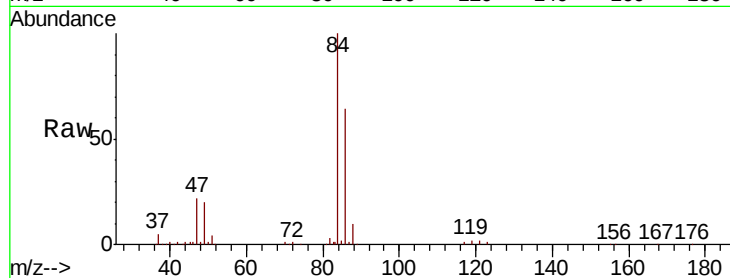
ETXH8

Tot Ion: 83 Resp: 2012

Ion Ratio Lower Upper

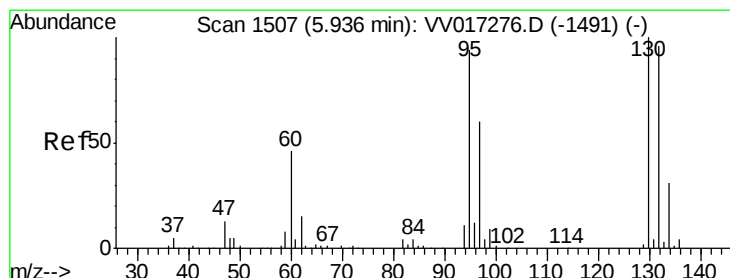
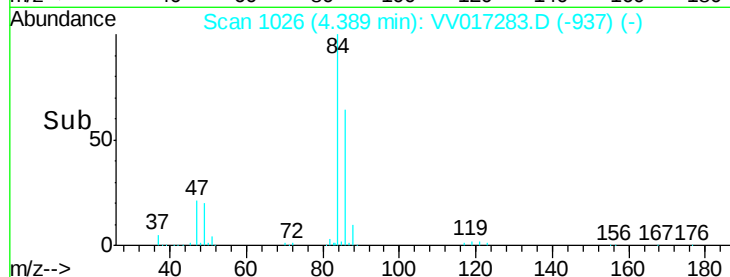
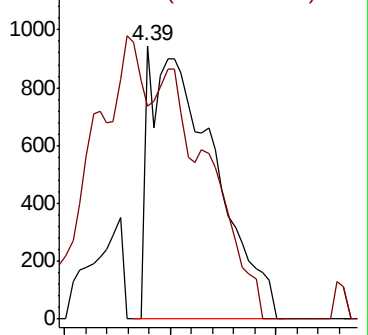
83 100

85 77.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#34

Trichloroethene

Concen: 0.148 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Tgt Ion: 95 Resp: 1705

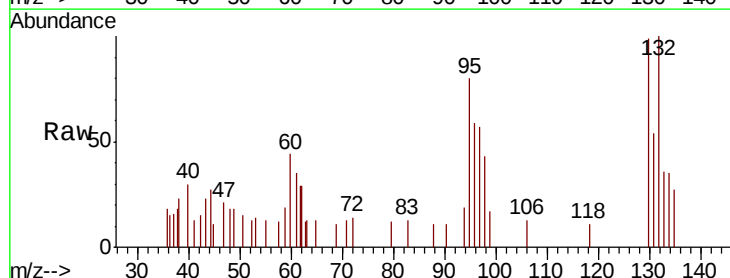
Ion Ratio Lower Upper

95 100

97 70.6 45.3 84.1

132 124.8 68.8 127.8

130 123.6 70.2 130.4

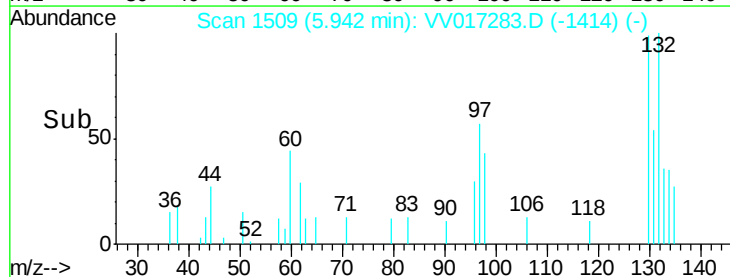
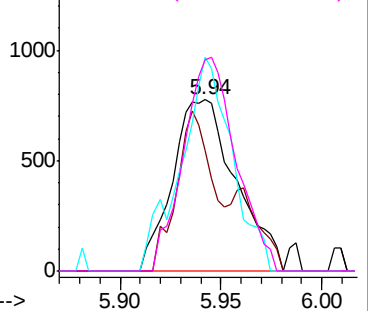


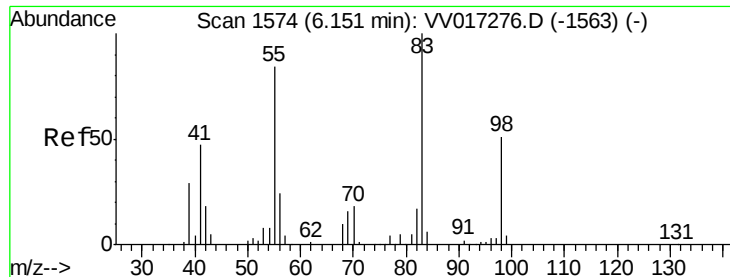
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

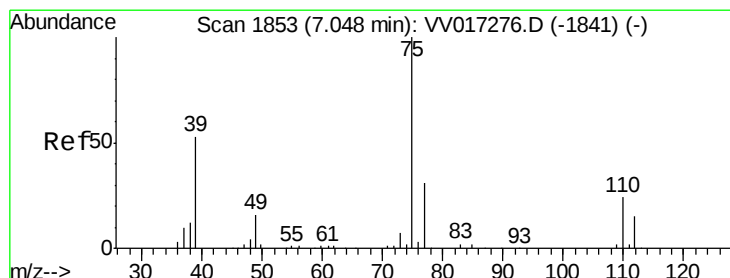
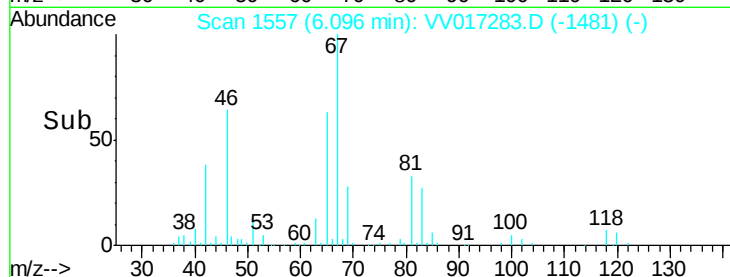
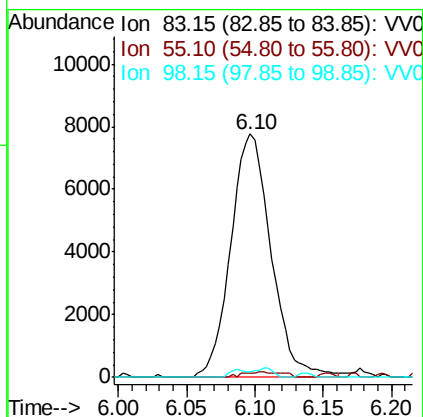
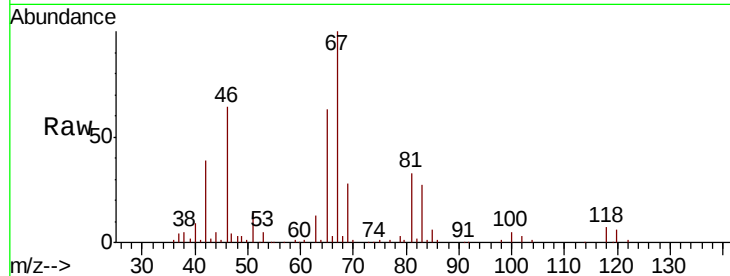




#35
Methvlcvclohexane
Concen: 0.891 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017283.D
Acq: 01 Jul 2020 12:23

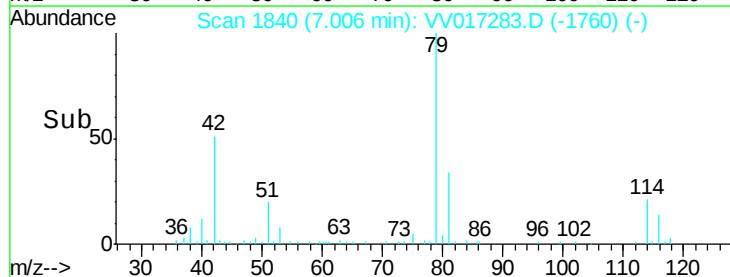
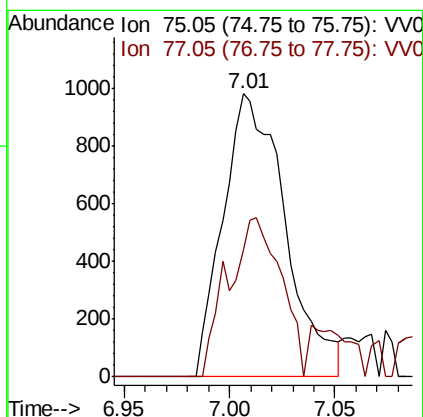
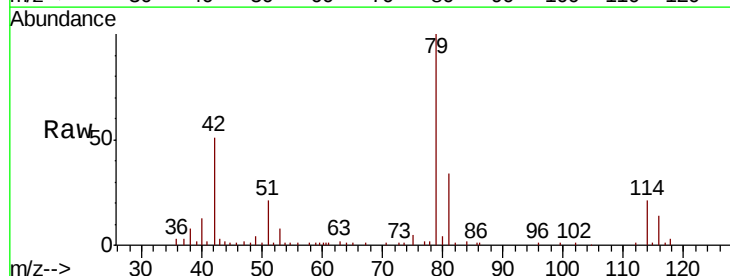
Instrument :
MSVOA_V
ClientSampleId :
ETYH8

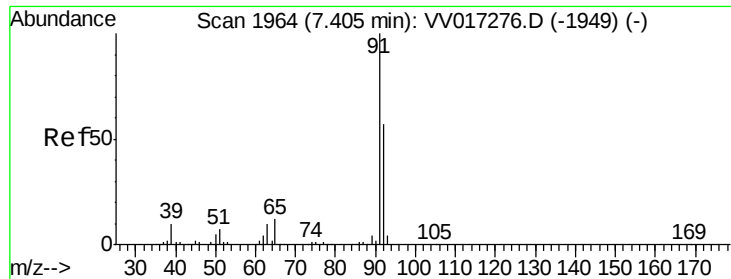
Tot Ion: 83 Resp: 15966
Ion Ratio Lower Upper
83 100
55 1.6 63.6 95.4#
98 1.6 38.8 58.2#



#39
cis-1,3-Dichloropropene
Concen: 0.139 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017283.D
Acq: 01 Jul 2020 12:23

Tgt Ion: 75 Resp: 2011
Ion Ratio Lower Upper
75 100
77 45.1 22.3 41.5#





#42

Toluene

Concen: 0.099 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

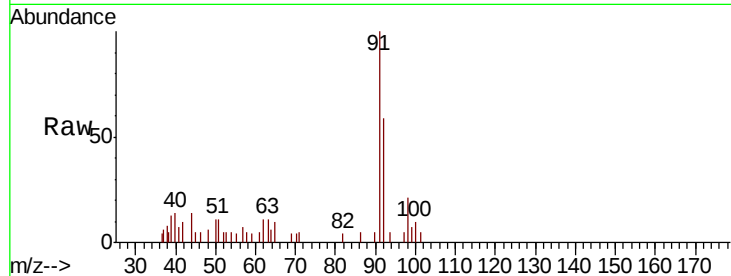
Instrument :
MSVOA_V
ClientSampled :
ETYH8

Tot Ion: 91 Resp: 4541

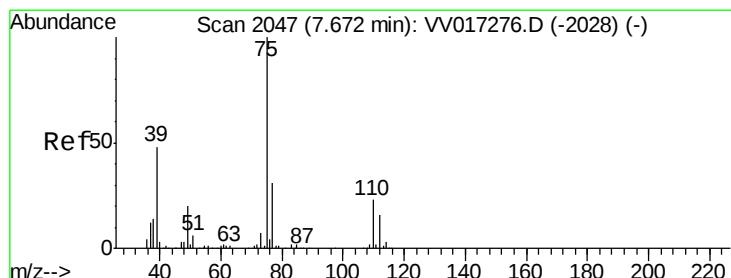
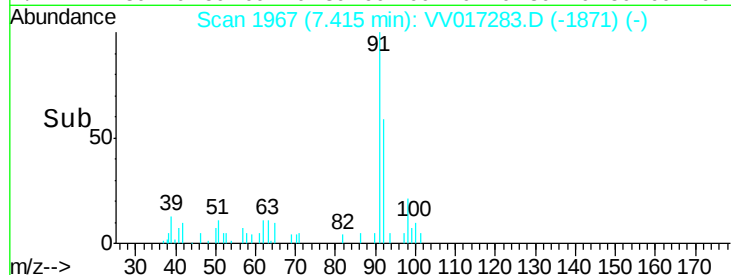
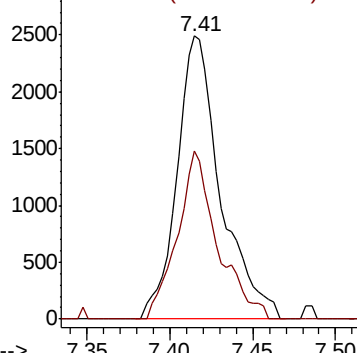
Ion Ratio Lower Upper

91 100

92 59.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017283.D

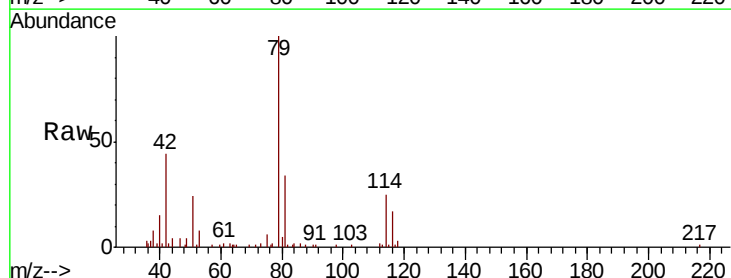
Acq: 01 Jul 2020 12:23

Tgt Ion: 75 Resp: 1389

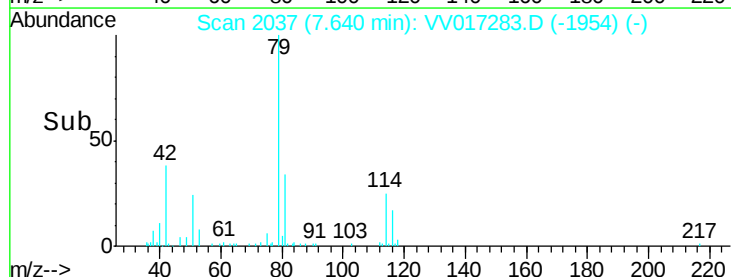
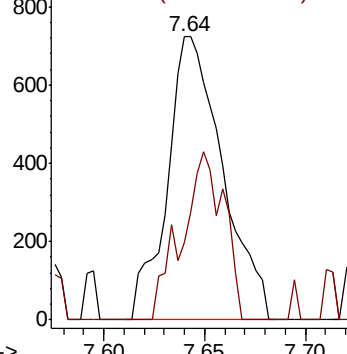
Ion Ratio Lower Upper

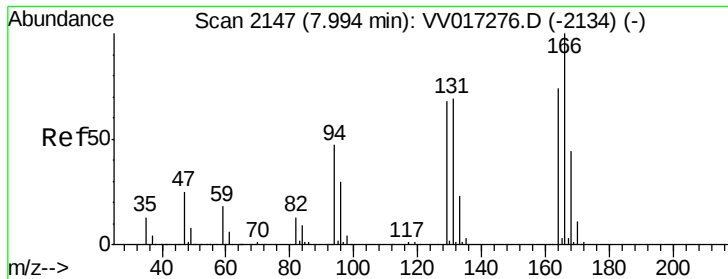
75 100

77 27.2 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#49

Tetrachloroethene

Concen: 0.134 ug/L

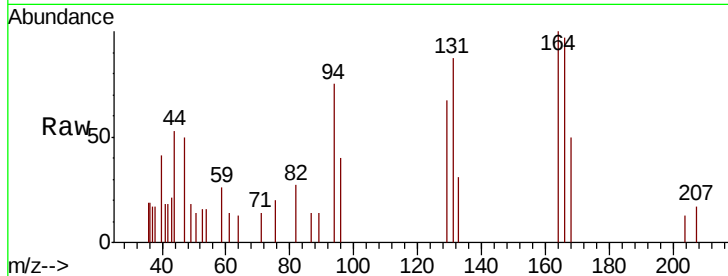
RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Instrument :
MSVOA_V
ClientSampleId :
ETYH8



Tot Ion:164 Resp: 1238

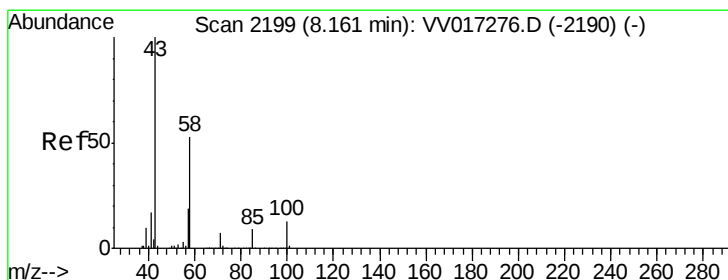
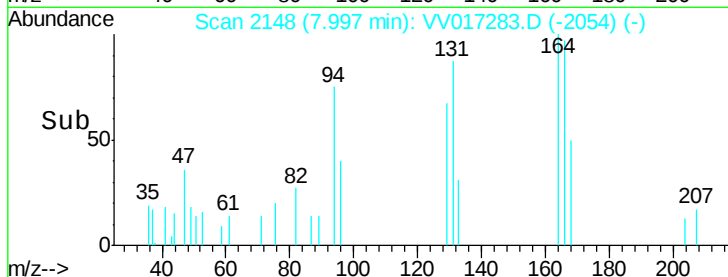
Ion Ratio Lower Upper

164 100

129 66.5 65.2 121.0

131 86.9 64.1 119.1

166 96.8 90.2 167.4



#50

2-Hexanone

Concen: 1.428 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Tgt Ion: 43 Resp: 5716

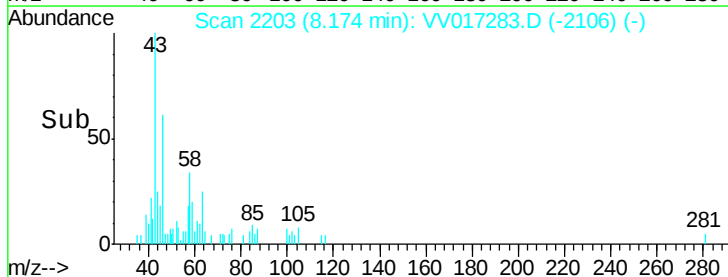
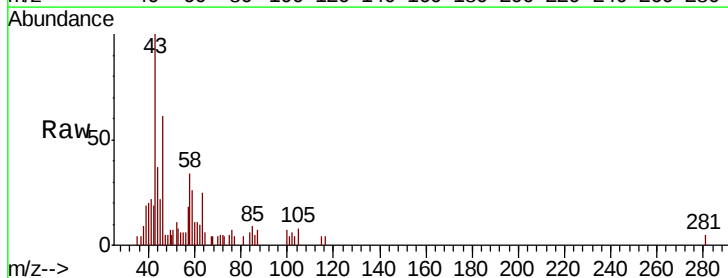
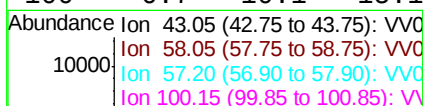
Ion Ratio Lower Upper

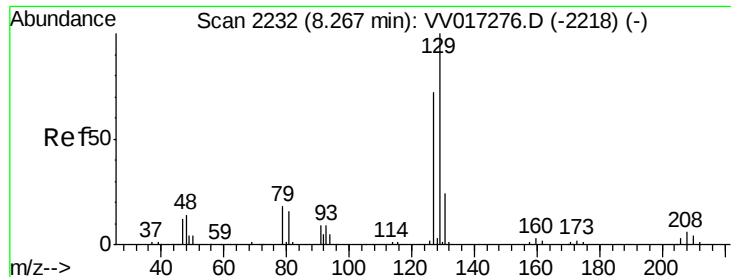
43 100

58 7.8 41.6 62.4#

57 0.0 15.4 23.0#

100 6.7 10.1 15.1#





#51

Dibromochloromethane

Concen: 0.131 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV017283.D

Acq: 01 Jul 2020 12:23

Instrument :

MSVOA_V

ClientSampleId :

ETYH8

Tot Ion:129 Resp: 1096

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

