

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018788.D
 Acq On : 09 Oct 2020 02:36
 Operator : SY/MD
 Sample : L4239-15DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R8DL

Quant Time: Oct 09 07:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338825	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156262	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137065	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.04%
7) Chloroethane-d5	1.58	69	115281	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.04%
11) 1,1-Dichloroethene-d2	2.12	63	208795	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
21) 2-Butanone-d5	3.90	46	194299	102.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.38	84	251442	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.06	65	177919	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
32) Benzene-d6	5.08	84	505315	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.09	67	162227	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.14%
41) Toluene-d8	7.34	98	423375	48.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.94%
43) trans-1,3-Dichloropropene-	7.64	79	70980	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
47) 2-Hexanone-d5	8.11	63	100945	89.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173689	47.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	170479	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

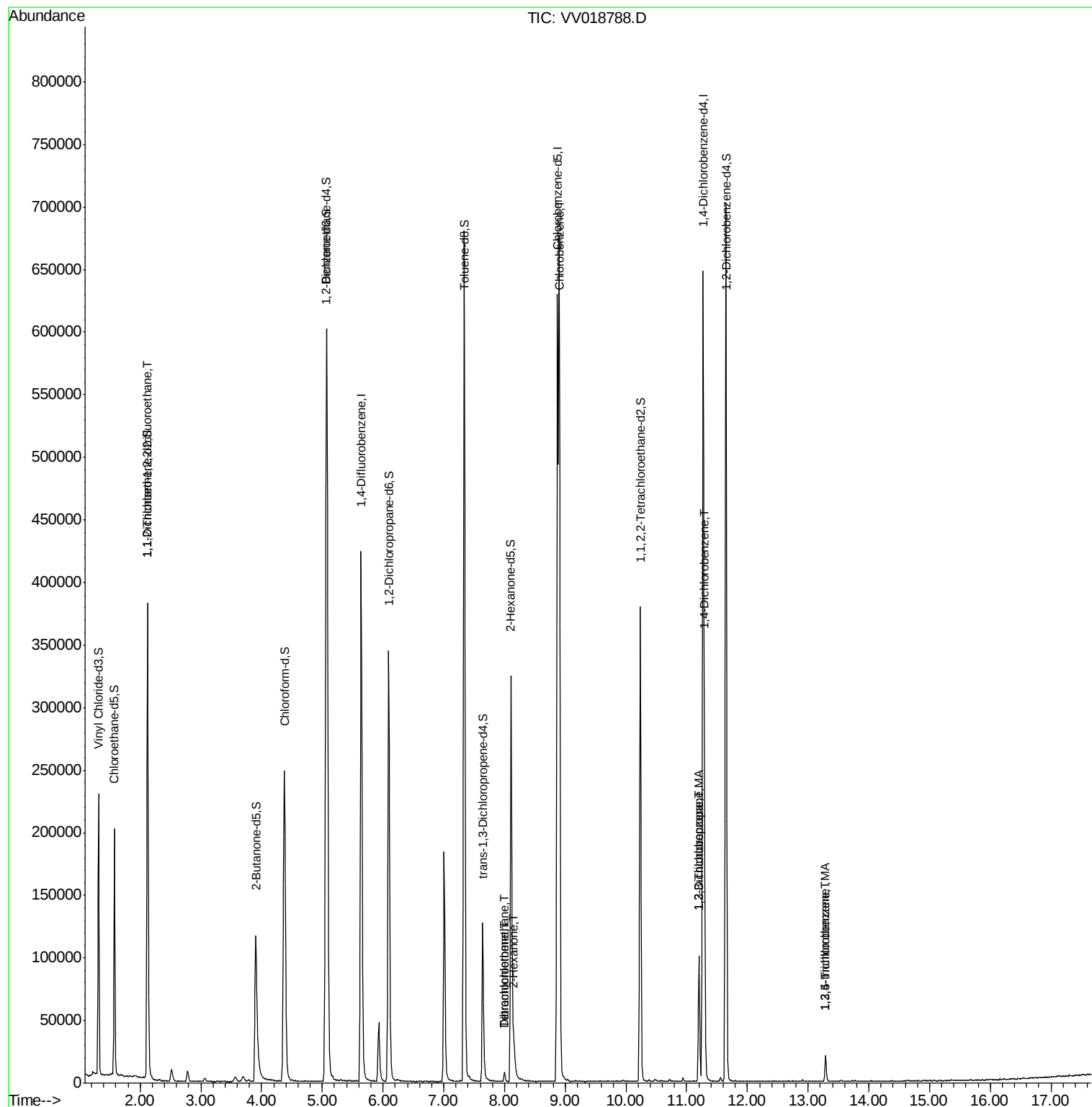
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1886	0.774 ug/L #	19
46) Tetrachloroethene	8.00	164	1677	0.820 ug/L	95
48) 2-Hexanone	8.16	43	17497	6.401 ug/L #	70
49) Dibromochloromethane	8.00	129	1613	0.617 ug/L #	10
51) Chlorobenzene	8.90	112	327225	49.487 ug/L	99
59) 1,2,3-Trichloropropane	11.20	75	12571	3.965 ug/L #	43
62) 1,3-Dichlorobenzene	11.20	146	39509	7.755 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	67663	12.768 ug/L	99
67) 1,3,5-Trichlorobenzene	13.29	180	6508	1.972 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	6508	2.097 ug/L	98

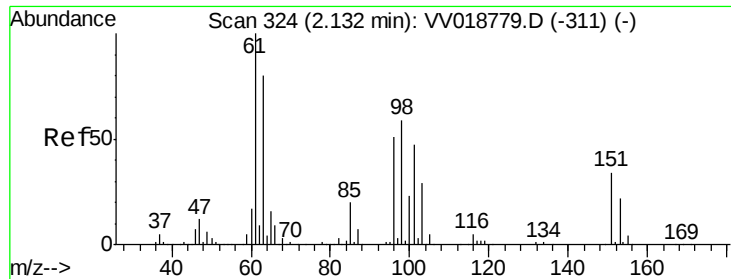
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.774 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018788.D

Acq: 09 Oct 2020 02:36

Instrument :

MSVOA_V

ClientSampleId :

BG3R8DL

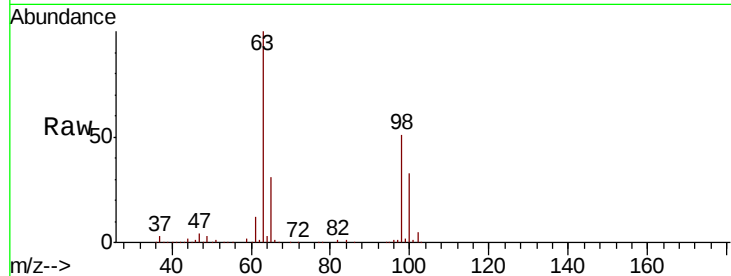
Tot Ion:101 Resp: 1886

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

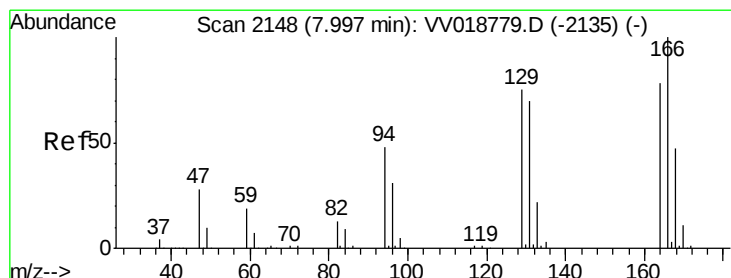
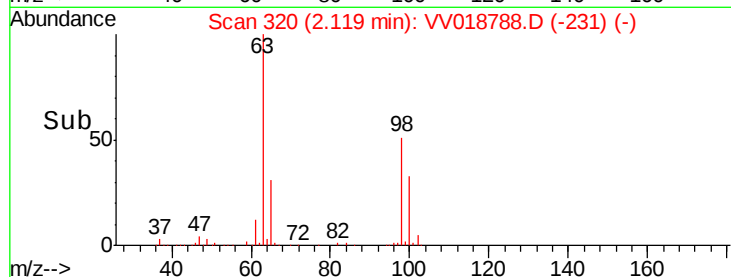
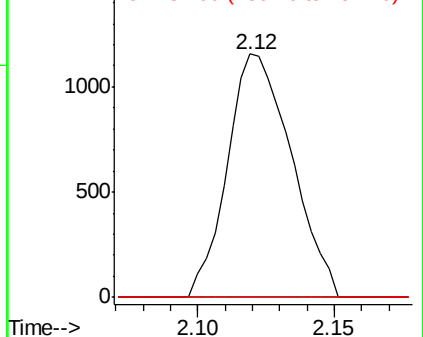
151 0.0 59.8 89.8#



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



#46

Tetrachloroethene

Concen: 0.820 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018788.D

Acq: 09 Oct 2020 02:36

Tgt Ion:164 Resp: 1677

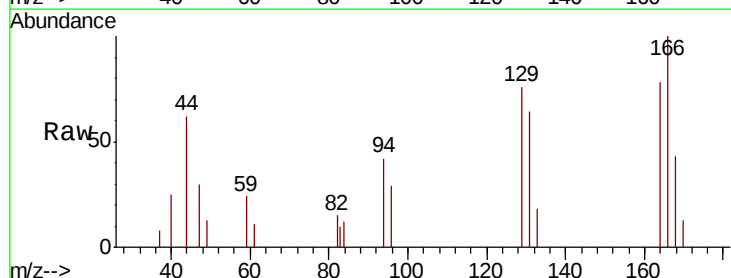
Ion Ratio Lower Upper

164 100

129 97.1 64.6 120.0

131 81.9 63.6 118.0

166 127.6 88.3 164.1

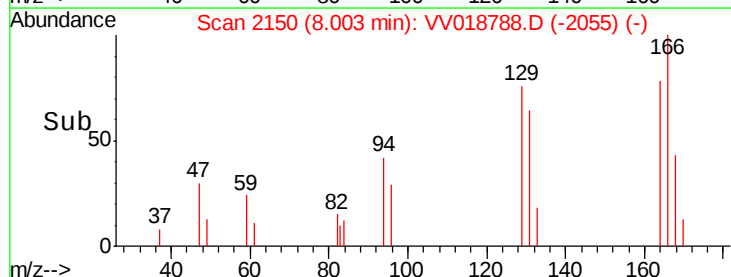
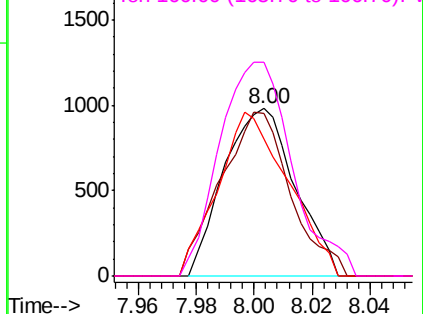


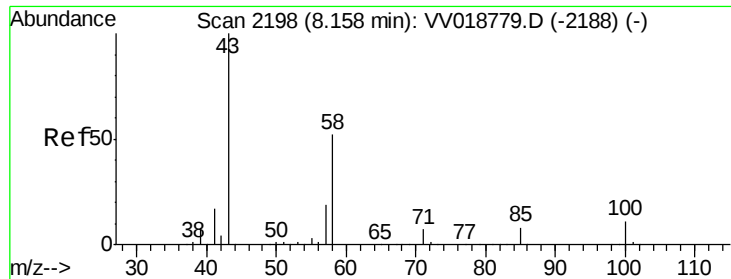
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

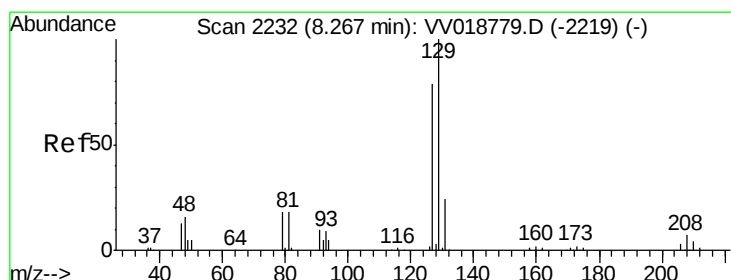
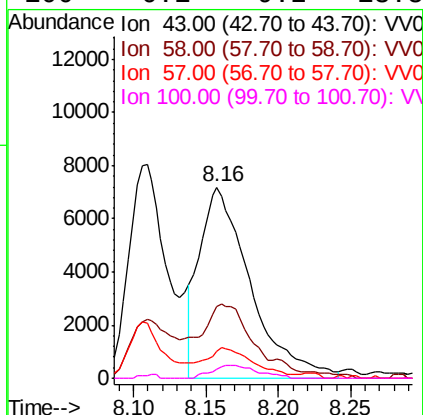
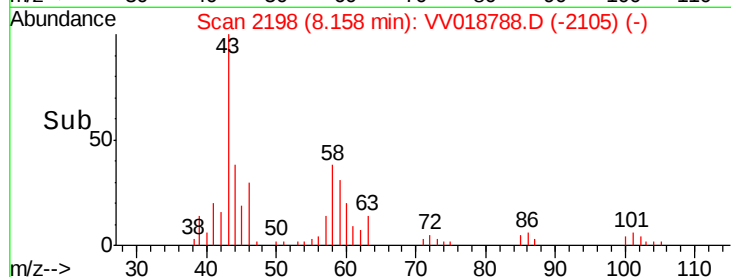
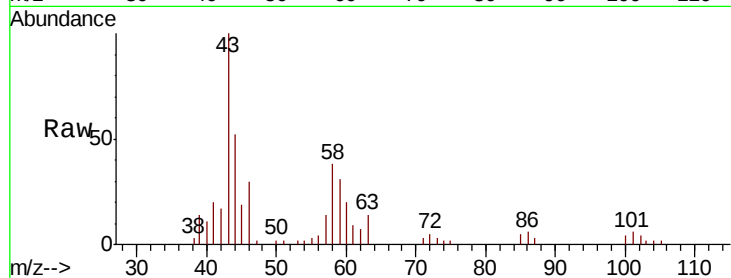




#48
2-Hexanone
Concen: 6.401 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV018788.D
Acq: 09 Oct 2020 02:36

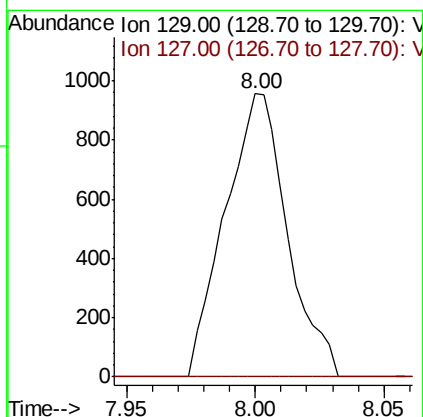
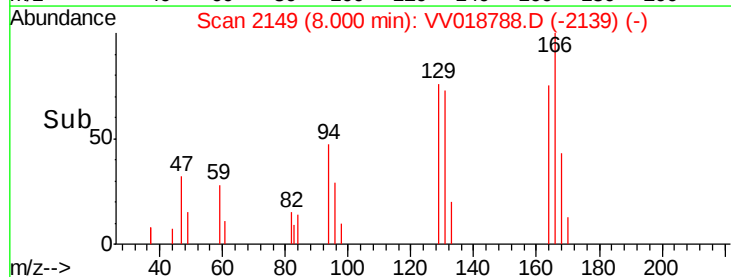
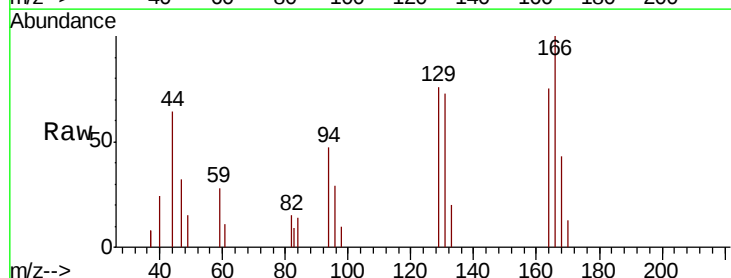
Instrument :
MSVOA_V
ClientSampleId :
BG3R8DL

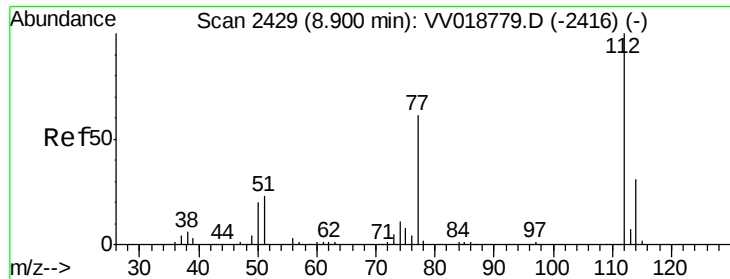
Tot Ion	Ratio	Lower	Upper
43	100		
58	23.6	41.8	62.8#
57	13.4	14.9	22.3#
100	6.1	9.2	13.8#



#49
Dibromochloromethane
Concen: 0.617 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV018788.D
Acq: 09 Oct 2020 02:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#





#51

Chlorobenzene

Concen: 49.487 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VV018788.D

Acq: 09 Oct 2020 02:36

Instrument :

MSVOA_V

ClientSampleId :

BG3R8DL

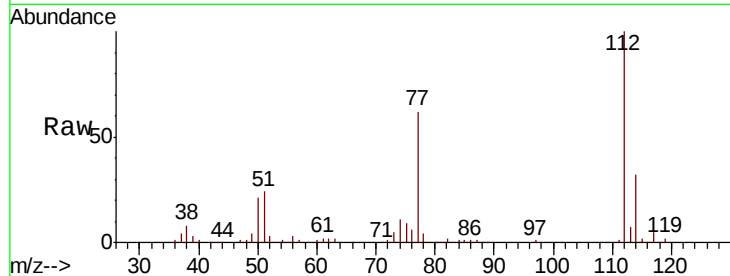
Tot Ion:112 Resp: 327225

Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

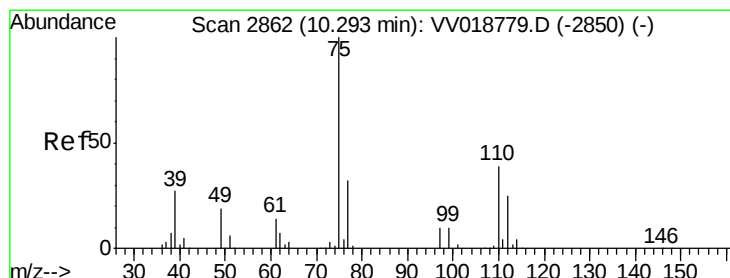
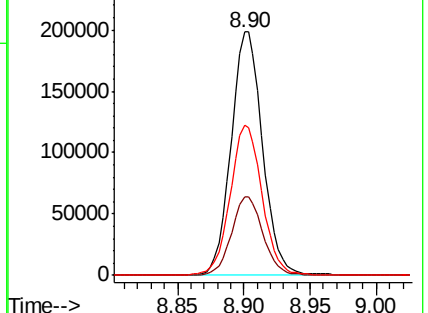
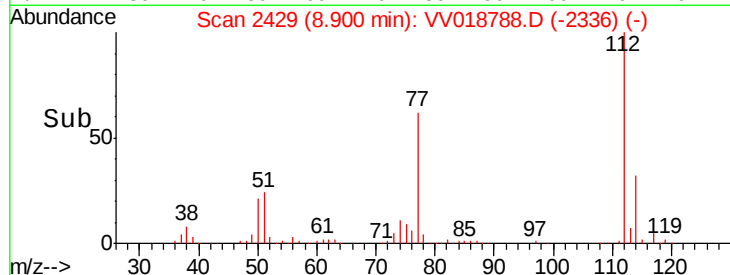
77 61.7 49.8 74.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 3.965 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.91 min

Lab File: VV018788.D

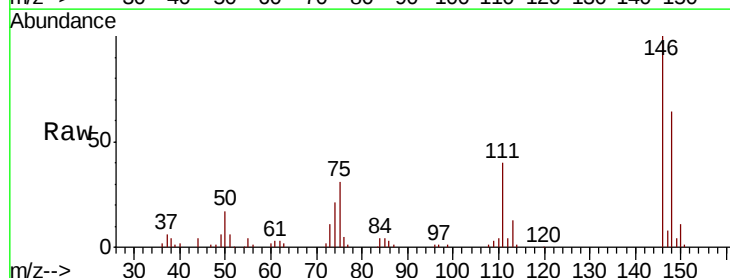
Acq: 09 Oct 2020 02:36

Tgt Ion: 75 Resp: 12571

Ion Ratio Lower Upper

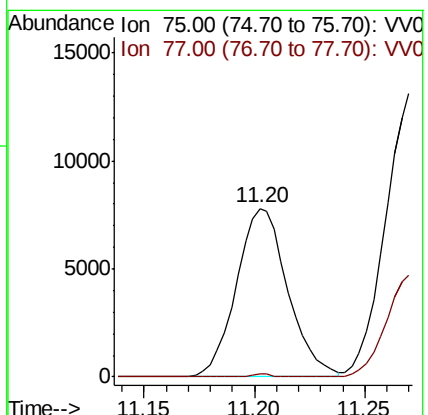
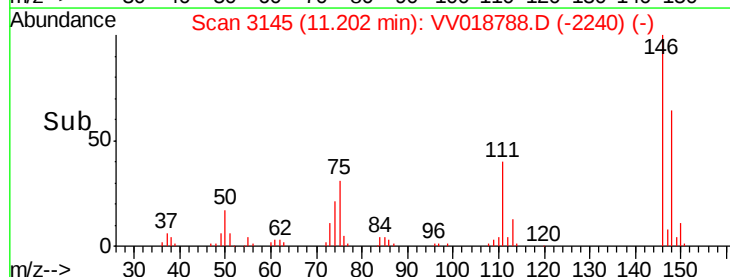
75 100

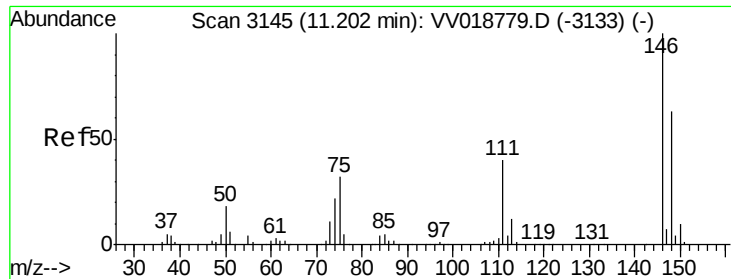
77 0.5 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 7.755 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV018788.D

Acq: 09 Oct 2020 02:36

Instrument :

MSVOA_V

ClientSampleId :

BG3R8DL

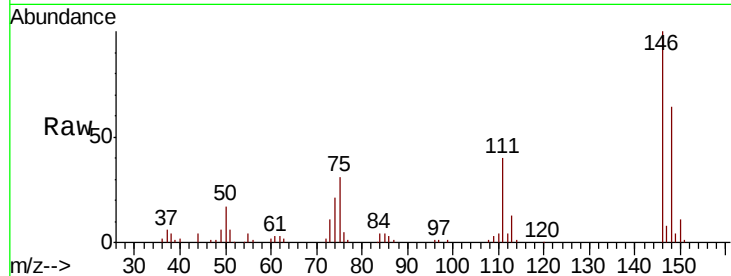
Tot Ion:146 Resp: 39509

Ion Ratio Lower Upper

146 100

111 39.7 27.8 51.6

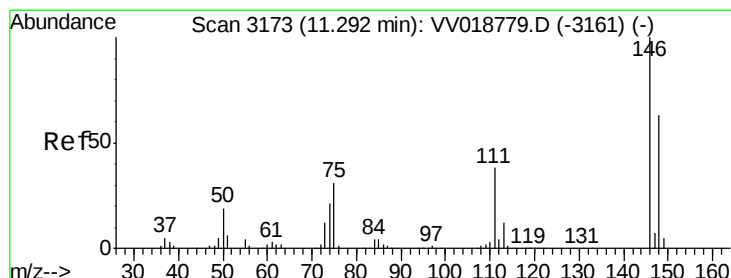
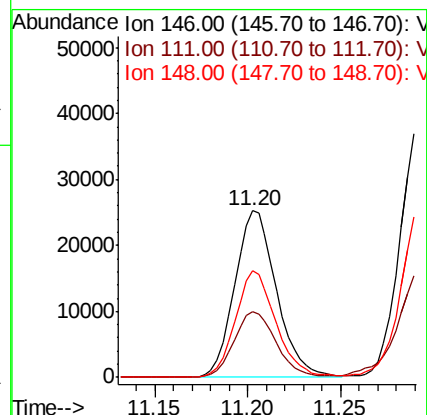
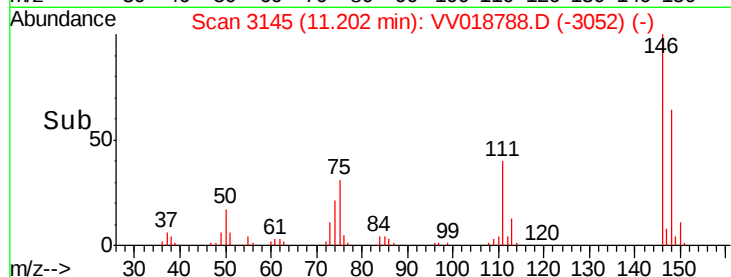
148 63.9 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 12.768 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV018788.D

Acq: 09 Oct 2020 02:36

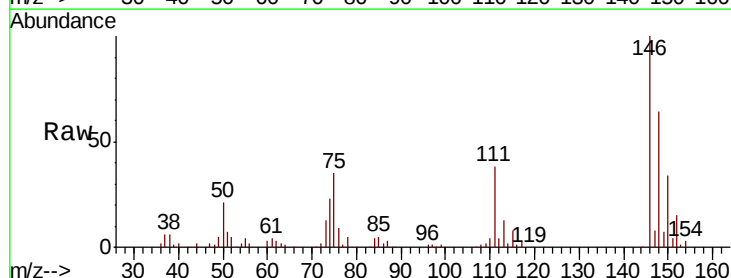
Tgt Ion:146 Resp: 67663

Ion Ratio Lower Upper

146 100

111 38.5 27.1 50.3

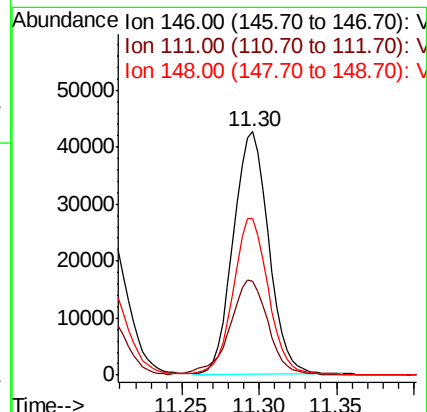
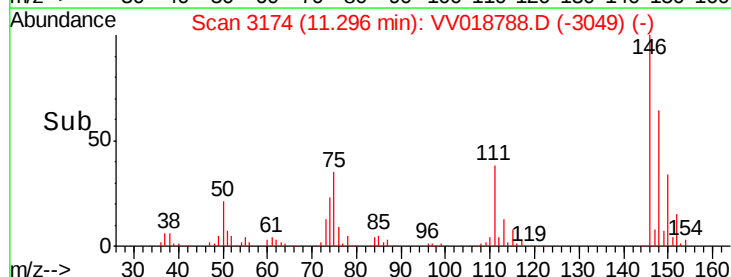
148 64.2 45.4 84.4

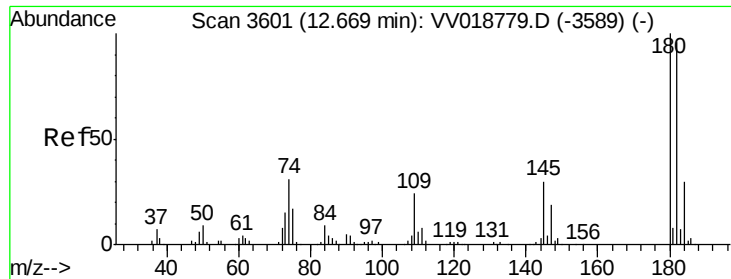


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

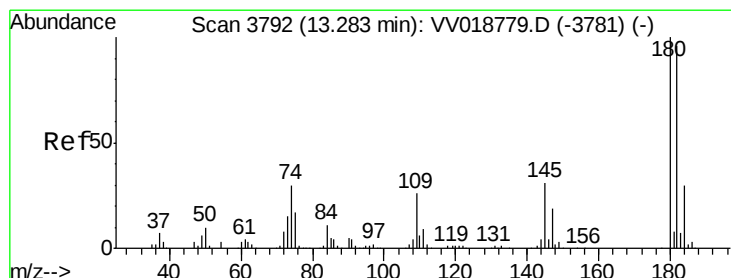
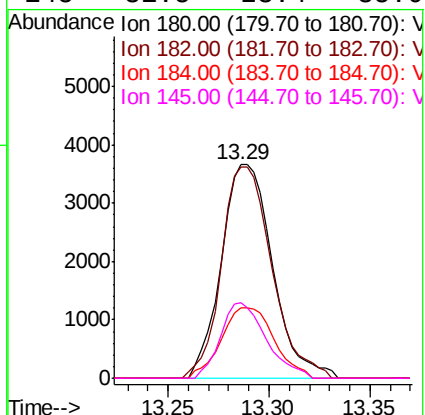
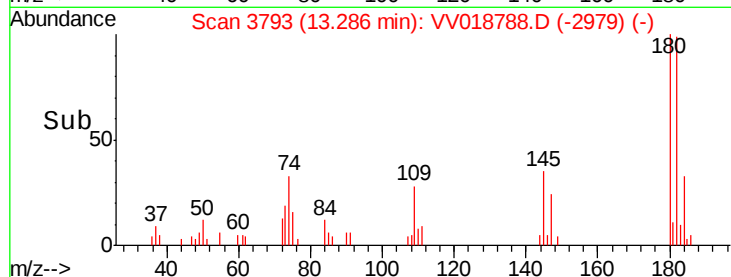
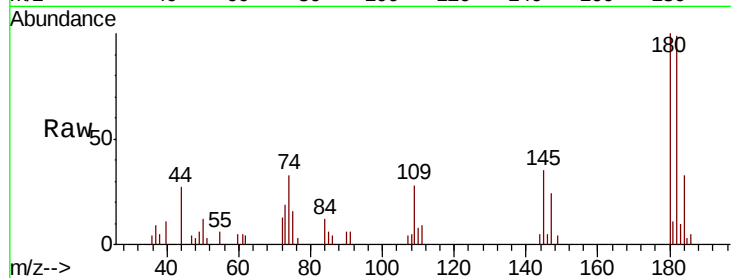




#67
 1,3,5-Trichlorobenzene
 Concen: 1.972 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV018788.D
 Acq: 09 Oct 2020 02:36

Instrument :
 MSVOA_V
 ClientSampleID :
 BG3R8DL

Tot Ion:180	Resp:	6508
Ion	Ratio	Lower Upper
180	100	
182	97.2	77.0 115.6
184	34.1	24.6 37.0
145	31.5	23.4 35.0



#68
 1,2,4-trichlorobenzene
 Concen: 2.097 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018788.D
 Acq: 09 Oct 2020 02:36

Tgt Ion:180	Resp:	6508
Ion	Ratio	Lower Upper
180	100	
182	97.2	76.7 115.1
145	31.5	24.0 36.0

