

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018748.D
 Acq On : 07 Oct 2020 23:20
 Operator : SY/MD
 Sample : L4239-17 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:42:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293769	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72016	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	64813	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	1.96	63	88	0.03	ug/L	-0.16
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.91	46	103937	80.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.88%
24) Chloroform-d	4.38	84	154188	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
26) 1,2-Dichloroethane-d4	5.06	65	109425	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
32) Benzene-d6	5.08	84	294139	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
36) 1,2-Dichloropropane-d6	6.09	67	93941	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.18%
41) Toluene-d8	7.34	98	265069	39.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.90%#
43) trans-1,3-Dichloropropene-	7.64	79	45878	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.72%
47) 2-Hexanone-d5	8.11	63	54768	67.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100868	35.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	112817	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%

Target Compounds

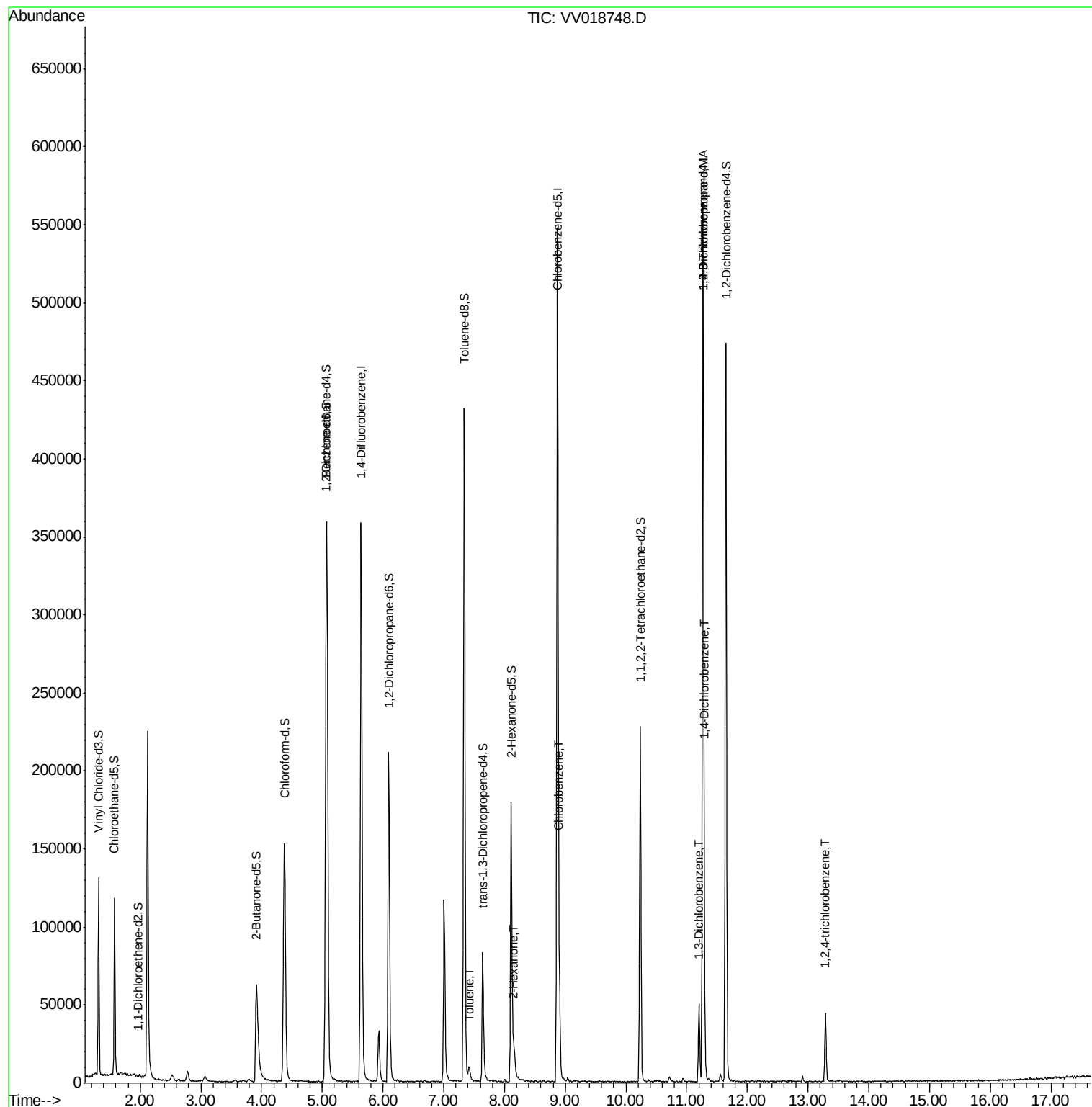
					Ovalue
42) Toluene	7.42	91	6867	0.776 ug/L	96
48) 2-Hexanone	8.16	43	11385	5.389 ug/L #	81
51) Chlorobenzene	8.90	112	30043	5.019 ug/L	93
59) 1,2,3-Trichloropropane	11.27	75	21773	8.530 ug/L	95
62) 1,3-Dichlorobenzene	11.21	146	18504	4.214 ug/L	90
63) 1,4-Dichlorobenzene	11.30	146	17325	3.831 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	12067	4.263 ug/L #	94

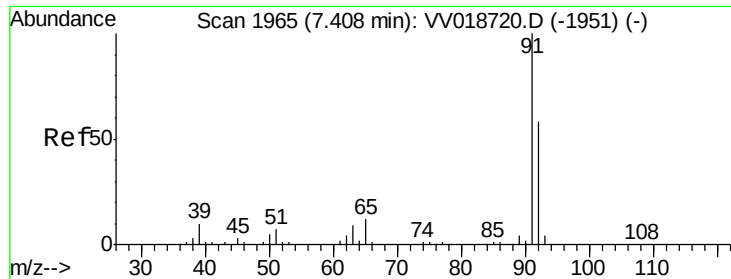
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018748.D
Acq On : 07 Oct 2020 23:20
Operator : SY/MD
Sample : L4239-17 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 08 06:42:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration





#42

Toluene

Concen: 0.776 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV018748.D

Acq: 07 Oct 2020 23:20

Instrument :

MSVOA_V

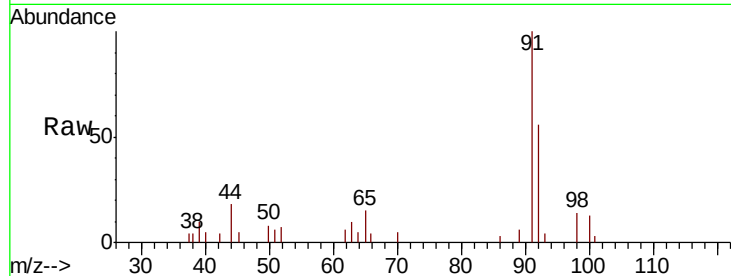
ClientSampleId :

Tot Ion: 91 Resp: 6867

Ion Ratio Lower Upper

91 100

92 56.2 41.6 77.3

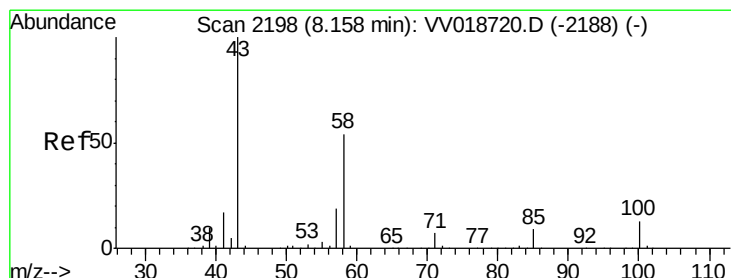
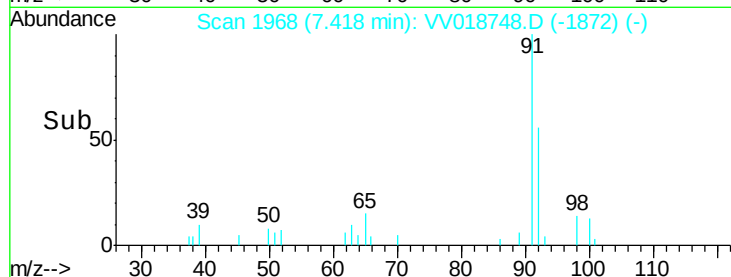


Abundance Ion 91.00 (90.70 to 91.70): VV018720.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV018720.D (-1951) (-)

7.42

Time-->



#48

2-Hexanone

Concen: 5.389 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018748.D

Acq: 07 Oct 2020 23:20

Tgt Ion: 43 Resp: 11385

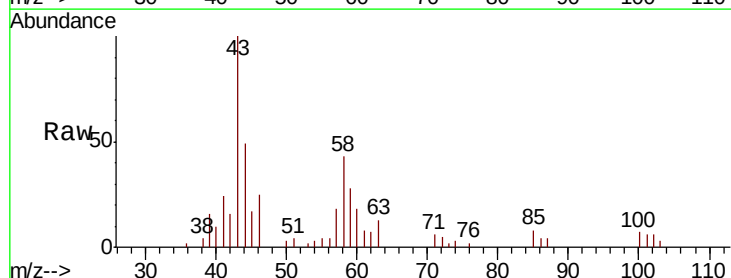
Ion Ratio Lower Upper

43 100

58 41.0 45.1 67.7#

57 13.6 15.7 23.5#

100 6.2 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018720.D (-2188) (-)

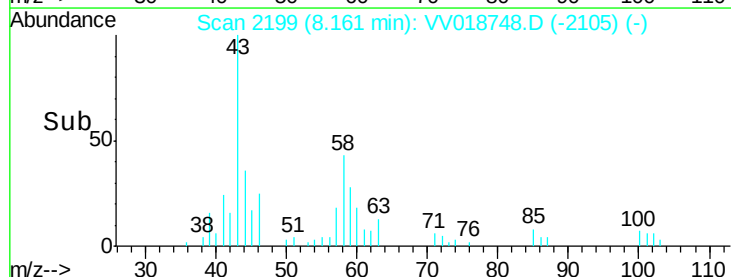
Ion 58.00 (57.70 to 58.70): VV018720.D (-2188) (-)

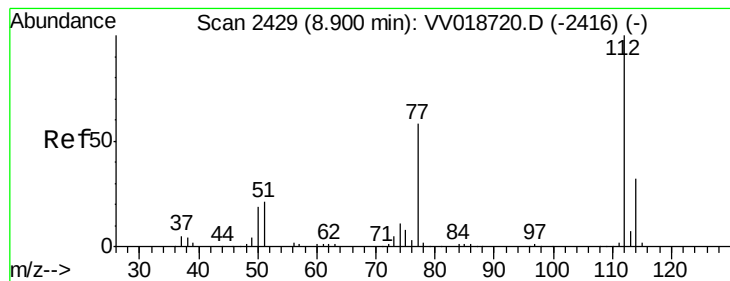
Ion 57.00 (56.70 to 57.70): VV018720.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV018720.D (-2188) (-)

8.16

Time-->





#51

Chlorobenzene

Concen: 5.019 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV018748.D

Acq: 07 Oct 2020 23:20

Instrument :

MSVOA_V

ClientSampleId :

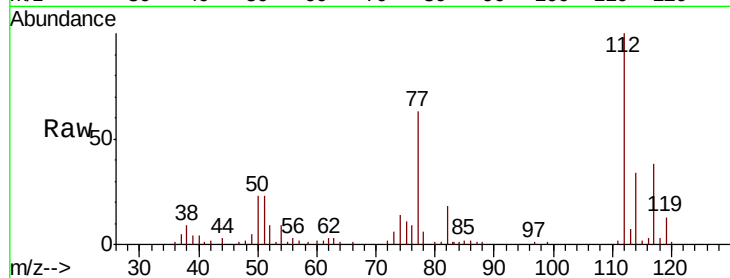
Tot Ion:112 Resp: 30043

Ion Ratio Lower Upper

112 100

114 33.5 22.4 41.6

77 63.2 44.8 67.2



Abundance Ion 112.00 (111.70 to 112.70): VV018720.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV018720.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV018720.D (-2416) (-)

8.90

15000

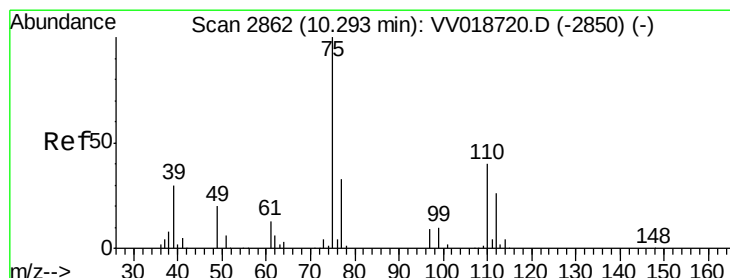
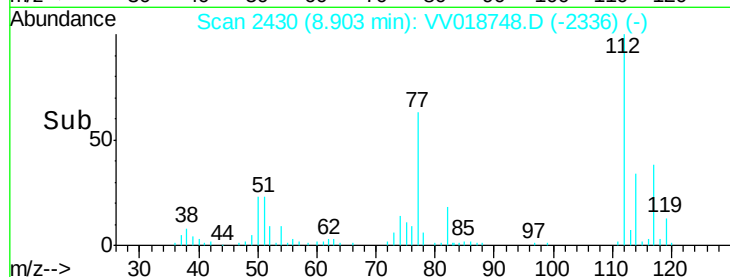
10000

5000

0

8.85 8.90 8.95

Time-->



#59

1,2,3-Trichloropropane

Concen: 8.530 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV018748.D

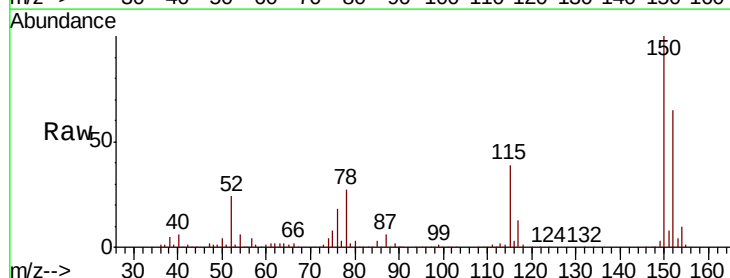
Acq: 07 Oct 2020 23:20

Tgt Ion: 75 Resp: 21773

Ion Ratio Lower Upper

75 100

77 28.7 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV018720.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018720.D (-2850) (-)

11.27

12000

10000

8000

6000

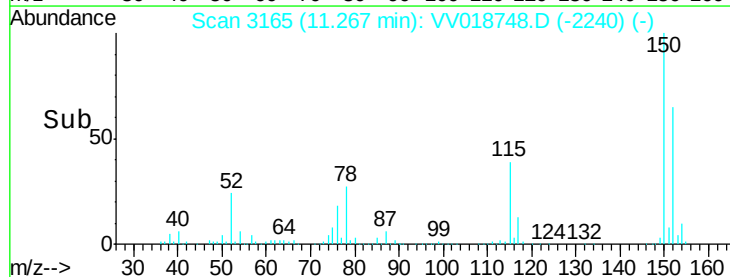
4000

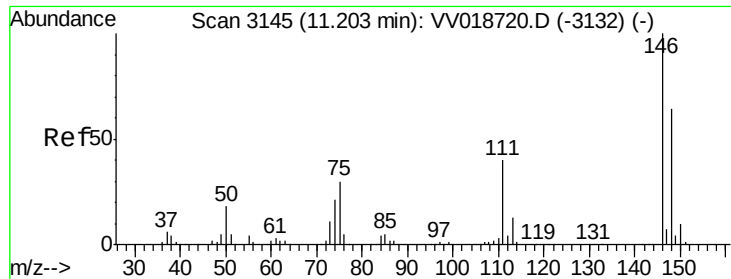
2000

0

11.20 11.25 11.30 11.35

Time-->

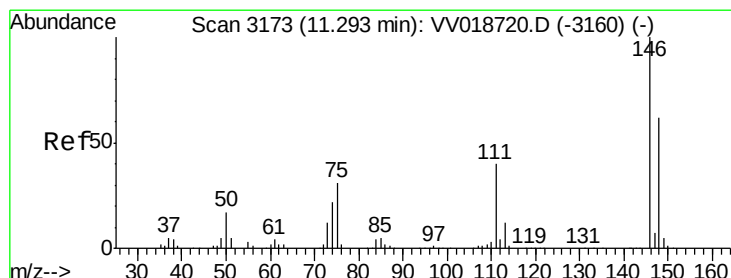
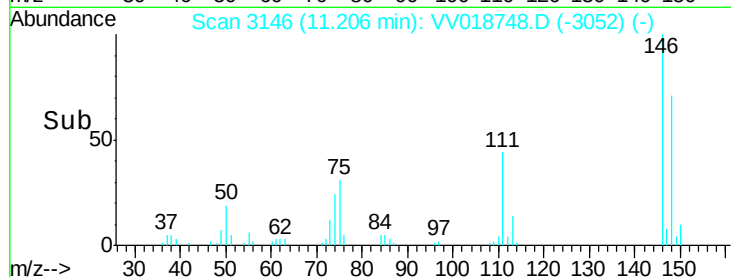
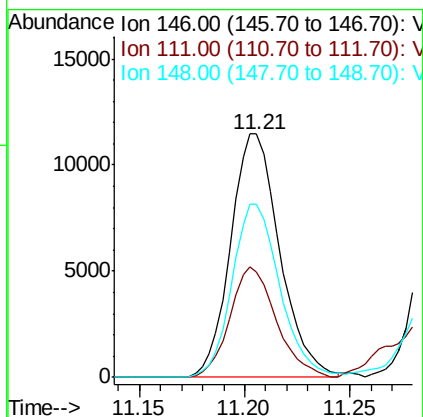
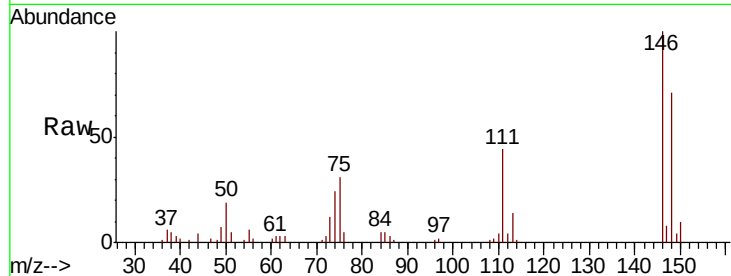




#62
 1,3-Dichlorobenzene
 Concen: 4.214 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV018748.D
 Acq: 07 Oct 2020 23:20

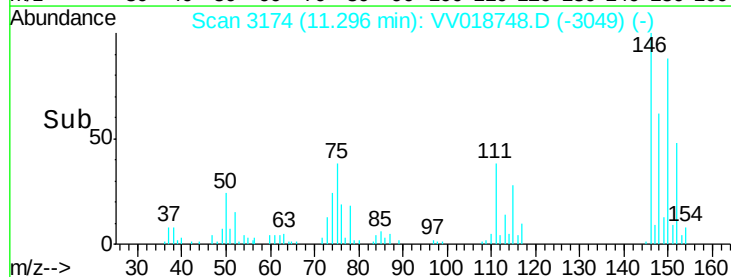
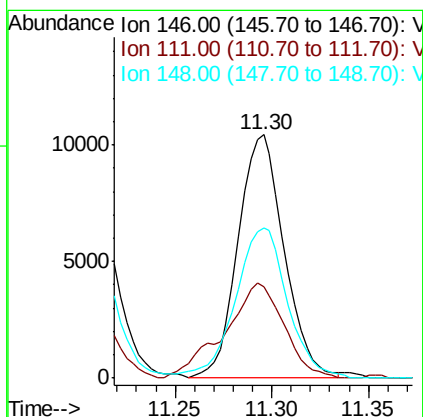
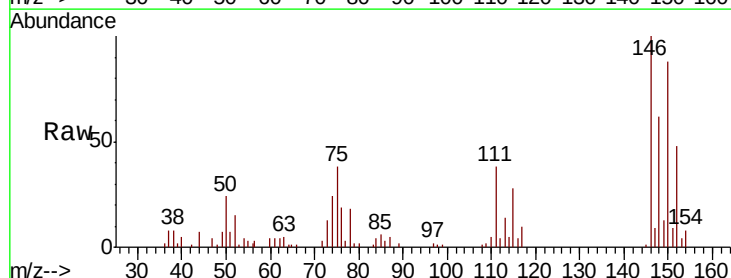
Instrument :
 MSVOA_V
 ClientSampled :

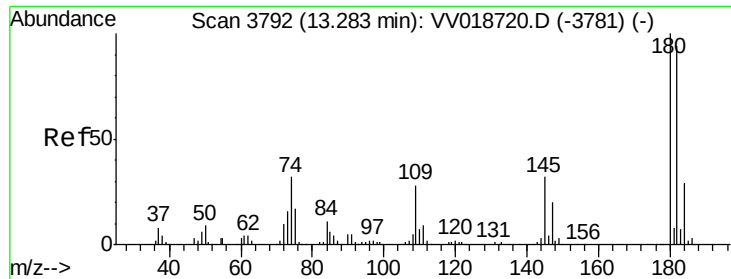
Tot Ion:146 Resp: 18504
 Ion Ratio Lower Upper
 146 100
 111 43.5 26.8 49.8
 148 71.1 44.0 81.8



#63
 1,4-Dichlorobenzene
 Concen: 3.831 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018748.D
 Acq: 07 Oct 2020 23:20

Tgt Ion:146 Resp: 17325
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.2 48.6
 148 61.8 44.4 82.5

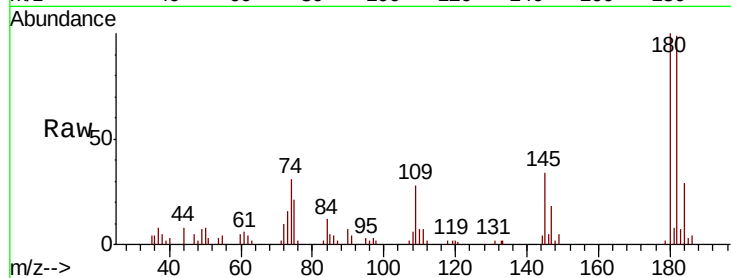




#68
 1,2,4-trichlorobenzene
 Concen: 4.263 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018748.D
 Acq: 07 Oct 2020 23:20

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.3	114.5
145	35.5	23.6	35.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

