

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018746.D
 Acq On : 07 Oct 2020 22:33
 Operator : SY/MD
 Sample : L4239-15 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:42:31 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	327718	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139333	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73143	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.12%
7) Chloroethane-d5	1.58	69	68099	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.70%
11) 1,1-Dichloroethene-d2	2.12	63	125269	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	3.91	46	104394	72.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.82%
24) Chloroform-d	4.38	84	157335	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.72%
26) 1,2-Dichloroethane-d4	5.06	65	112716	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
32) Benzene-d6	5.07	84	300115	34.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.22%#
36) 1,2-Dichloropropane-d6	6.09	67	118091	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.14%
41) Toluene-d8	7.34	98	326557	40.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.06%
43) trans-1,3-Dichloropropene-	7.64	79	55436	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
47) 2-Hexanone-d5	8.11	63	68093	68.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106934	30.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	61.56%#
64) 1,2-Dichlorobenzene-d4	11.65	152	116407	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%

Target Compounds

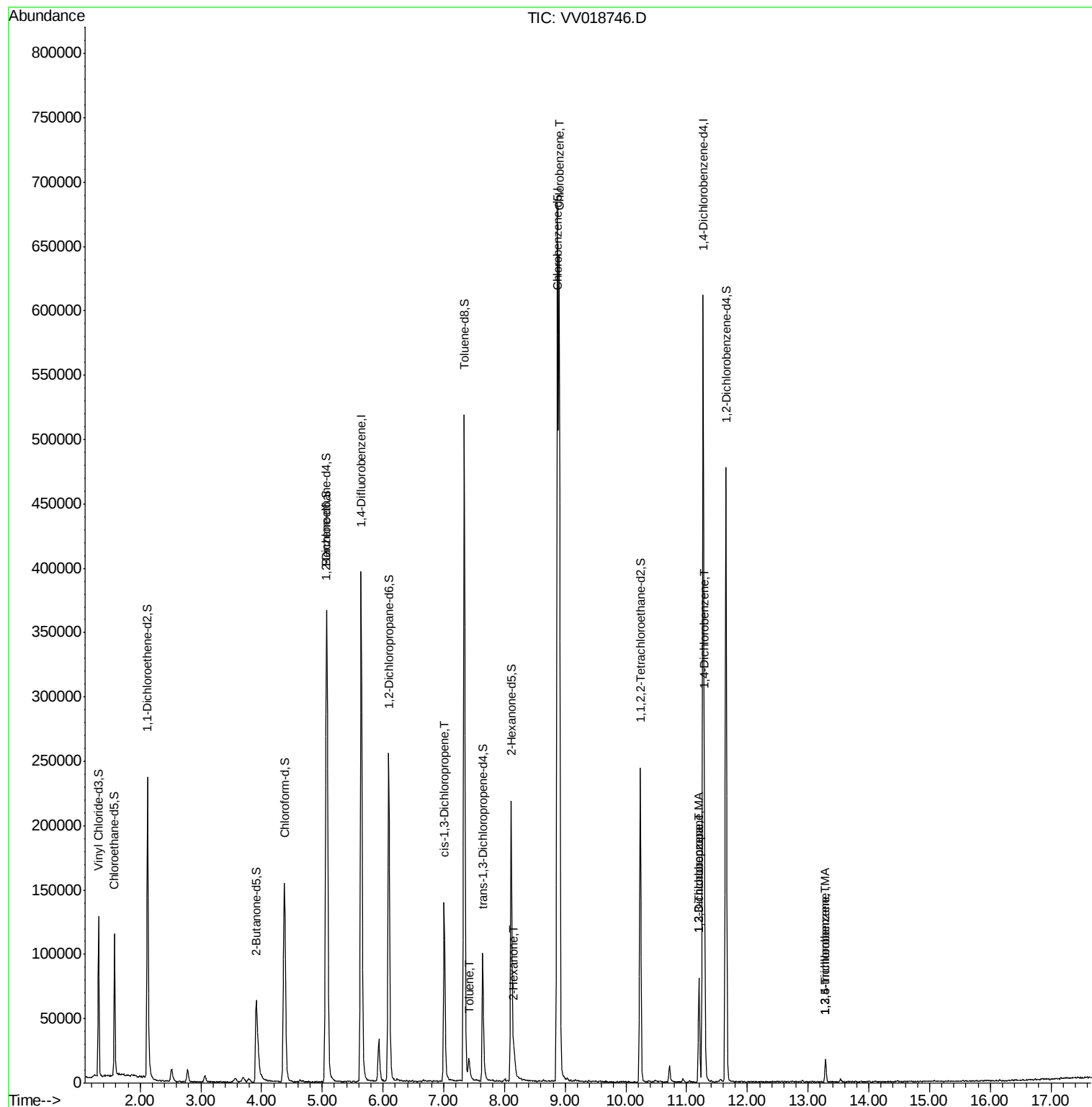
					Ovalue
39) cis-1,3-Dichloropropene	7.01	75	4150	1.025 ug/L	91
42) Toluene	7.41	91	13019	1.197 ug/L	96
48) 2-Hexanone	8.16	43	10868	4.183 ug/L #	83
51) Chlorobenzene	8.90	112	314132	42.677 ug/L	96
59) 1,2,3-Trichloropropane	11.20	75	9734	3.101 ug/L #	47
62) 1,3-Dichlorobenzene	11.20	146	30389	6.739 ug/L	94
63) 1,4-Dichlorobenzene	11.30	146	54136	11.659 ug/L	97
67) 1,3,5-Trichlorobenzene	13.29	180	5341	1.710 ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	5341	1.838 ug/L	98

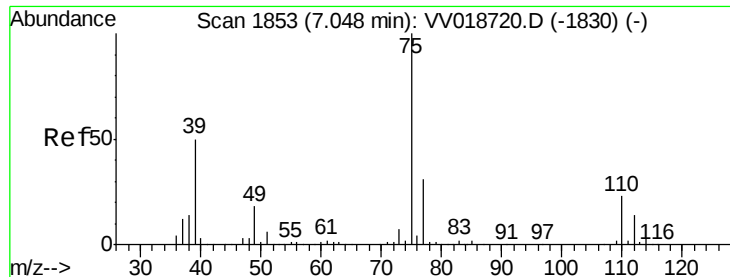
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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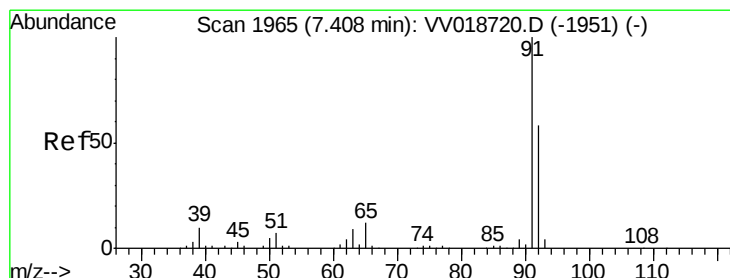
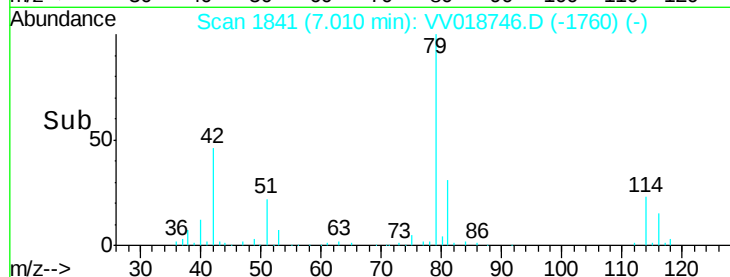
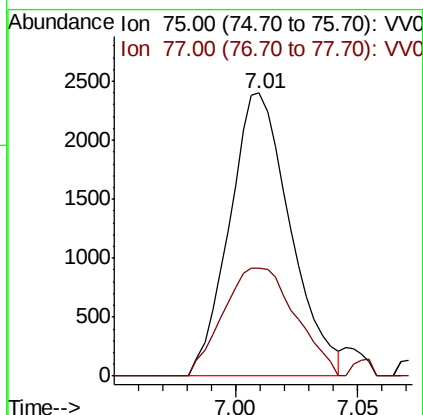
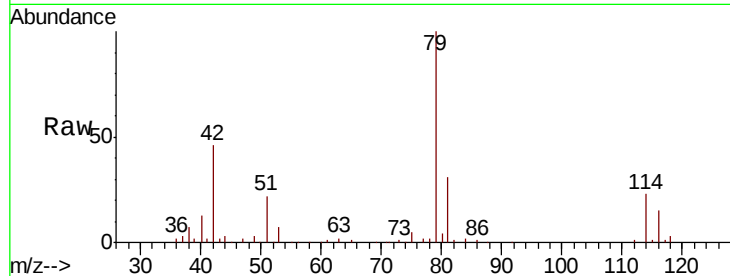




#39
 cis-1,3-Dichloropropene
 Concen: 1.025 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018746.D
 Acq: 07 Oct 2020 22:33

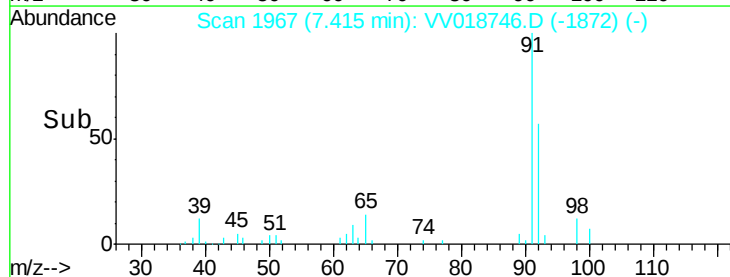
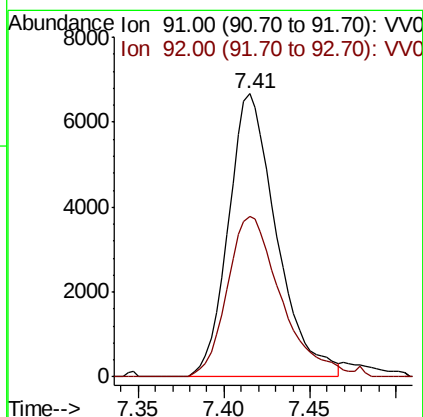
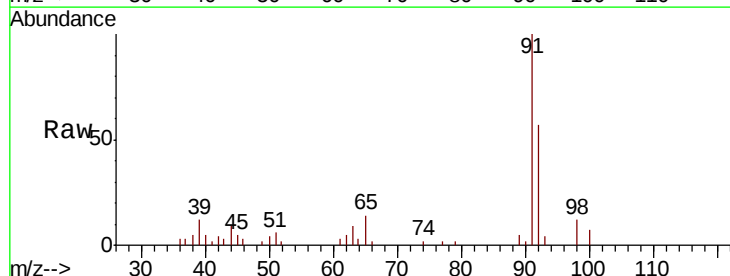
Instrument :
 MSVOA_V
 ClientSampled :

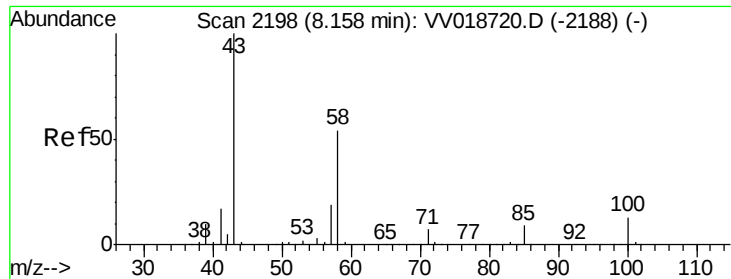
Tot Ion: 75 Resp: 4150
 Ion Ratio Lower Upper
 75 100
 77 38.1 23.0 42.6



#42
 Toluene
 Concen: 1.197 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV018746.D
 Acq: 07 Oct 2020 22:33

Tgt Ion: 91 Resp: 13019
 Ion Ratio Lower Upper
 91 100
 92 56.8 41.6 77.3

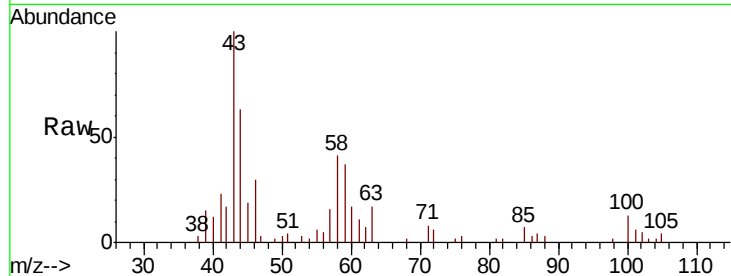




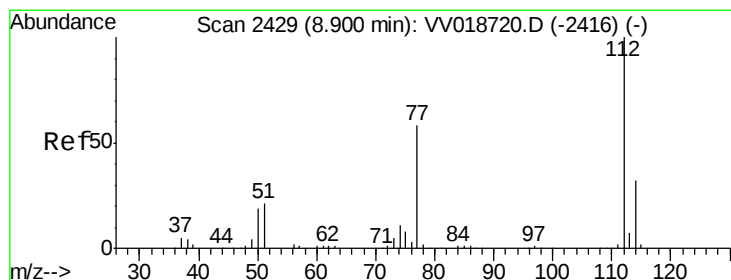
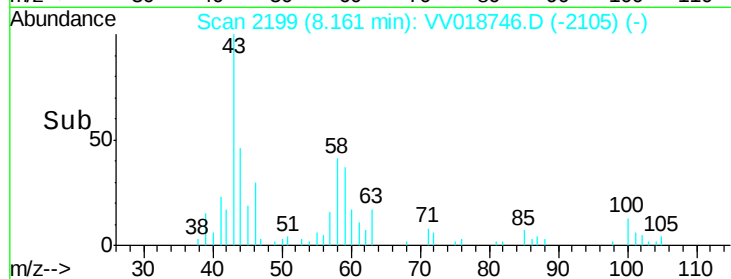
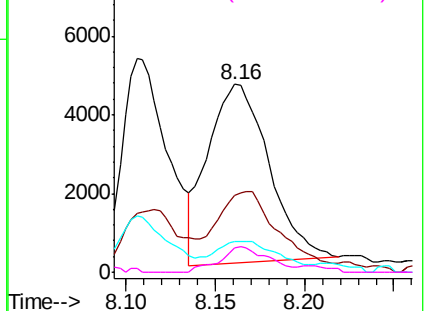
#48
2-Hexanone
Concen: 4.183 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018746.D
Acq: 07 Oct 2020 22:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10868
Ion Ratio Lower Upper
43 100
58 39.3 45.1 67.7#
57 17.2 15.7 23.5
100 11.0 11.0 16.4

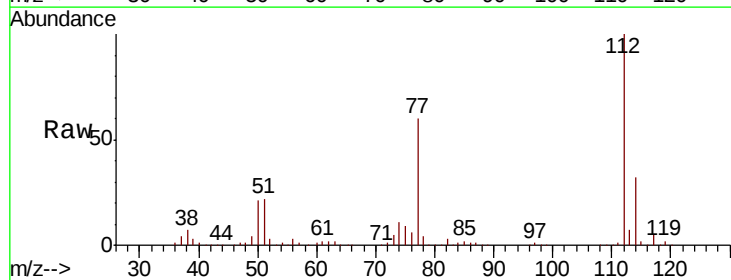


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

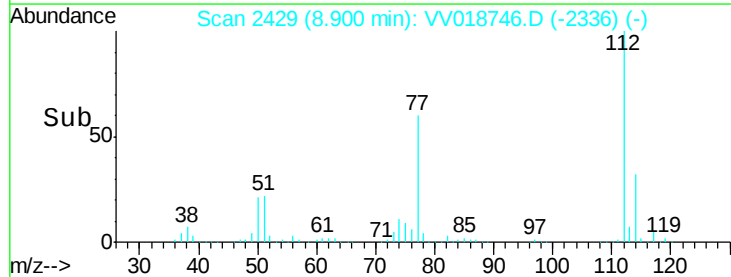
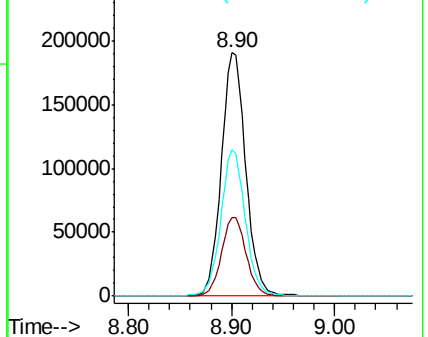


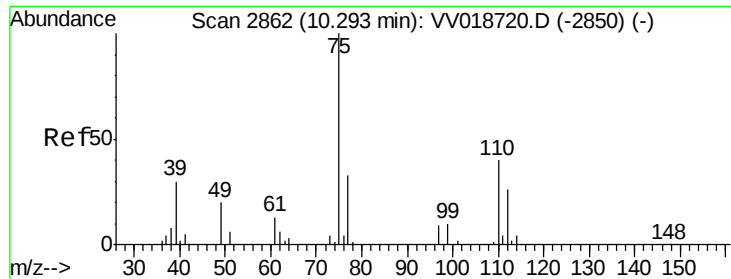
#51
Chlorobenzene
Concen: 42.677 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV018746.D
Acq: 07 Oct 2020 22:33

Tgt Ion: 112 Resp: 314132
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 60.2 44.8 67.2



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: 3.101 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.91 min

Lab File: VV018746.D

Acq: 07 Oct 2020 22:33

Instrument :

MSVOA_V

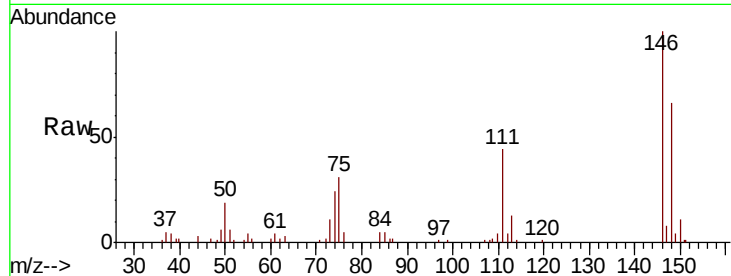
ClientSampled :

Tot Ion: 75 Resp: 9734

Ion Ratio Lower Upper

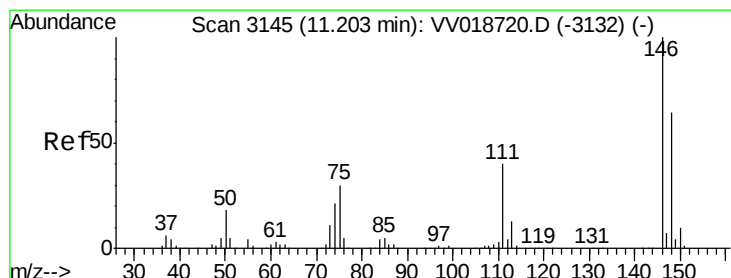
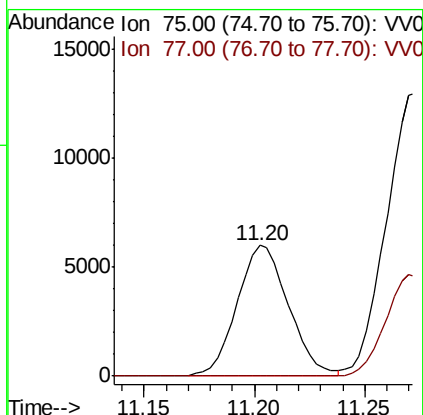
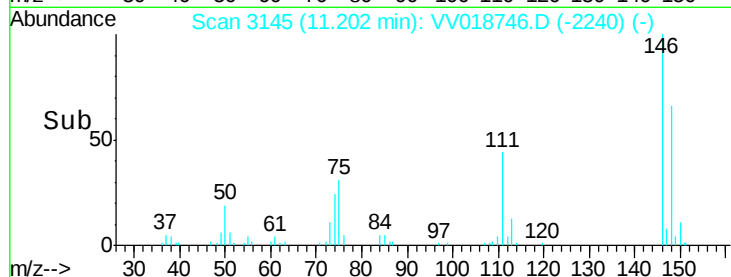
75 100

77 2.3 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV018746.D (-2240) (-)

Ion 77.00 (76.70 to 77.70): VV018746.D (-2240) (-)



#62

1,3-Dichlorobenzene

Concen: 6.739 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV018746.D

Acq: 07 Oct 2020 22:33

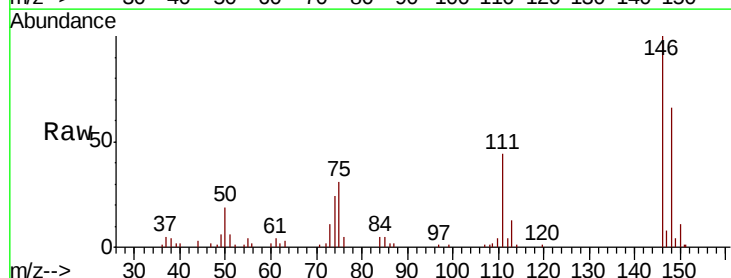
Tgt Ion: 146 Resp: 30389

Ion Ratio Lower Upper

146 100

111 44.3 26.8 49.8

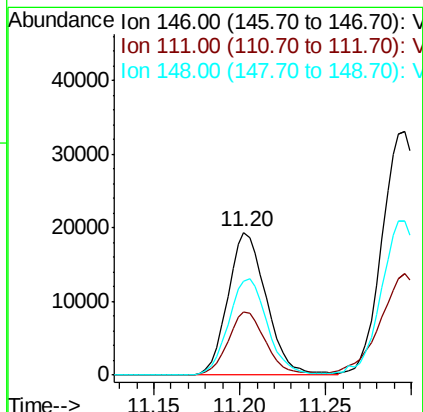
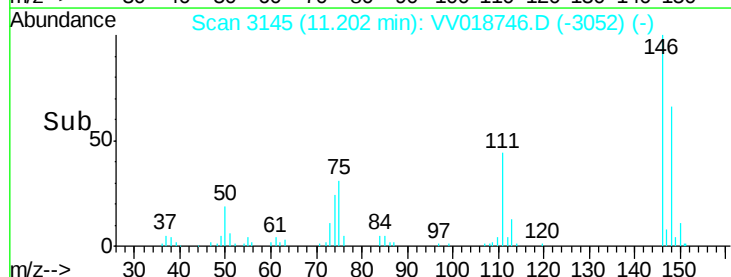
148 66.0 44.0 81.8

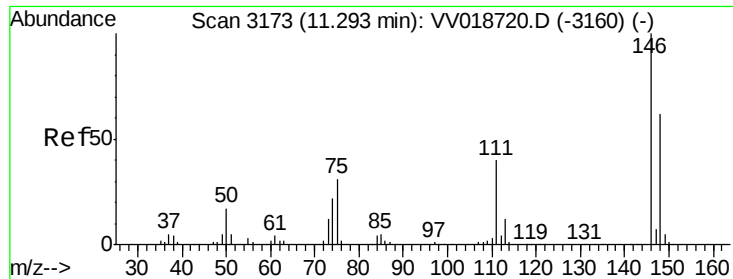


Abundance Ion 146.00 (145.70 to 146.70): VV018746.D (-3052) (-)

Ion 111.00 (110.70 to 111.70): VV018746.D (-3052) (-)

Ion 148.00 (147.70 to 148.70): VV018746.D (-3052) (-)

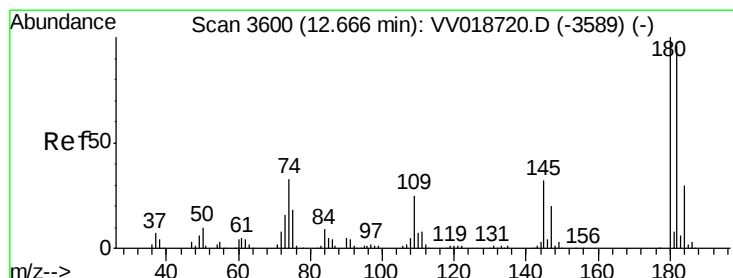
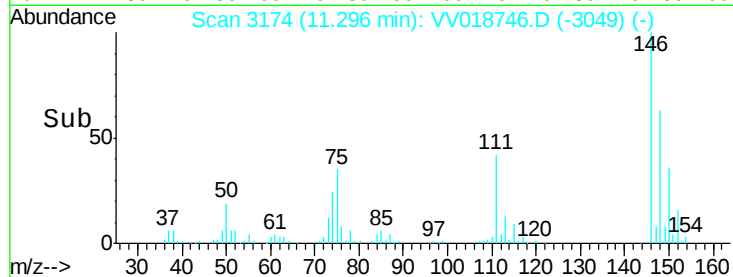
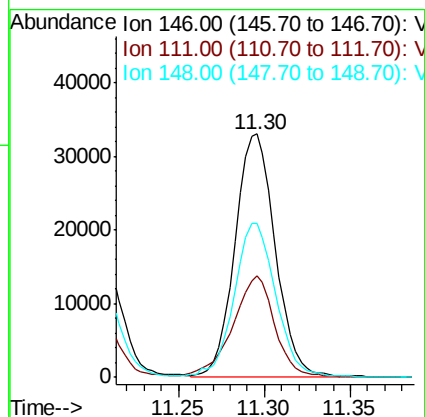
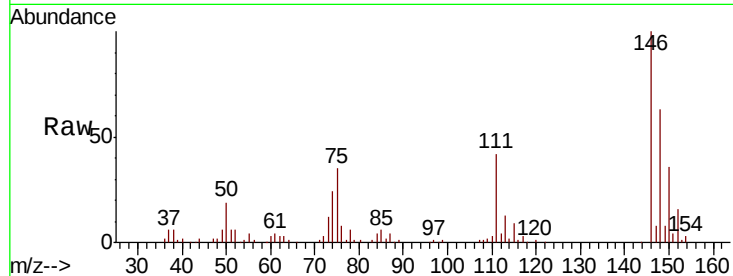




#63
 1,4-Dichlorobenzene
 Concen: 11.659 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018746.D
 Acq: 07 Oct 2020 22:33

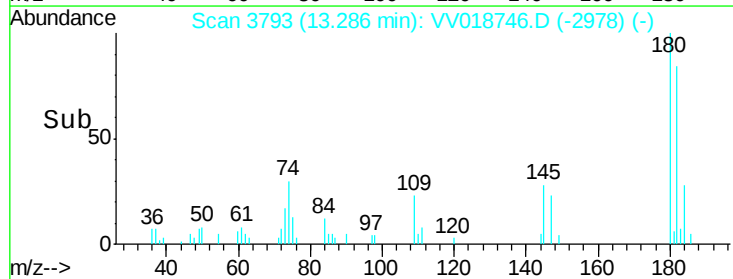
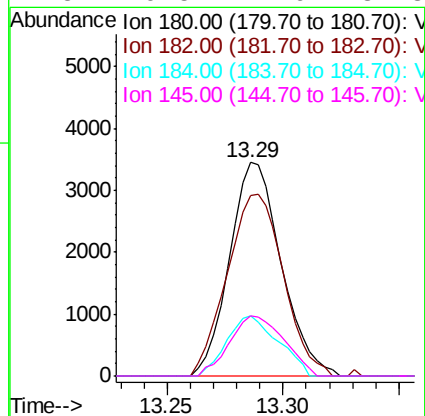
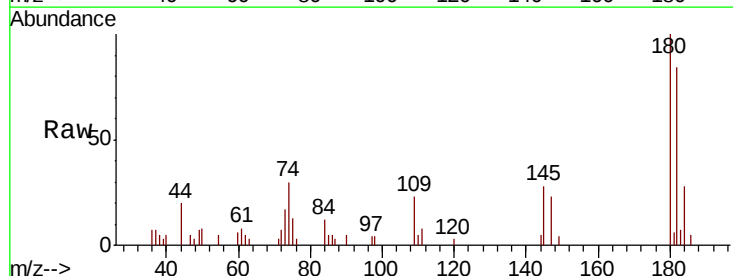
Instrument :
 MSVOA_V
 ClientSampleId :

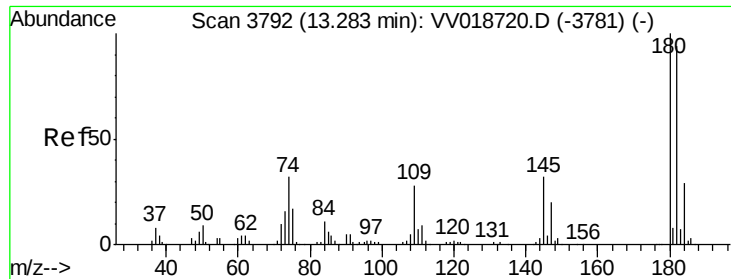
Tot Ion:146 Resp: 54136
 Ion Ratio Lower Upper
 146 100
 111 41.8 26.2 48.6
 148 63.2 44.4 82.5



#67
 1,3,5-Trichlorobenzene
 Concen: 1.710 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV018746.D
 Acq: 07 Oct 2020 22:33

Tgt Ion:180 Resp: 5341
 Ion Ratio Lower Upper
 180 100
 182 92.3 77.1 115.7
 184 27.9 24.3 36.5
 145 29.5 22.9 34.3





#68

1,2,4-trichlorobenzene

Concen: 1.838 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

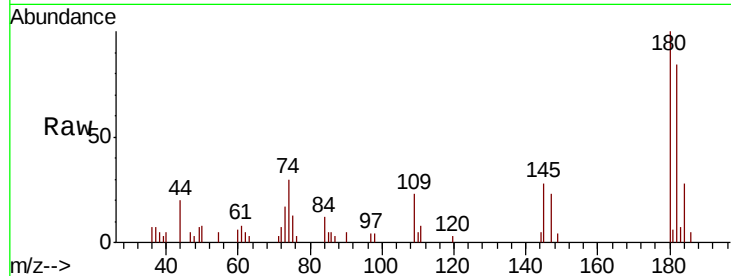
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Acq: 07 Oct 2020 22:33

Instrument :

MSVOA_V

ClientSampleId :



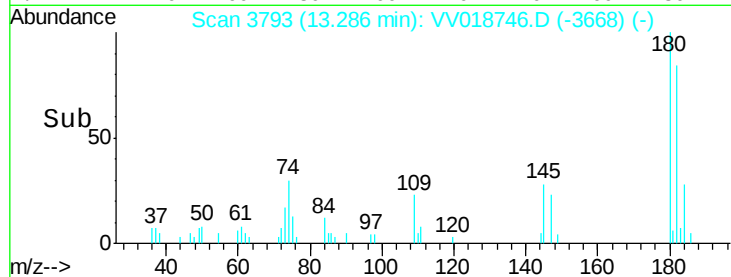
Tot Ion:180 Resp: 5341

Ion Ratio Lower Upper

180 100

182 92.3 76.3 114.5

145 29.5 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

