

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\
 Data File : VV019455.D
 Acq On : 02 Dec 2020 17:52
 Operator : SY/MD
 Sample : L4921-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW4

Quant Time: Dec 03 07:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 05:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366055	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184455	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131613	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.00%
7) Chloroethane-d5	1.58	69	126512	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.12	63	223650	34.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	3.89	46	238147	106.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.88%
24) Chloroform-d	4.37	84	274331	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.05	65	191524	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.07	84	528547	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.09	67	182547	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.33	98	456642	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%
43) trans-1,3-Dichloropropene-	7.64	79	81897	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.86%
47) 2-Hexanone-d5	8.10	63	135773	96.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.39%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	221307	47.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	186605	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

Target Compounds

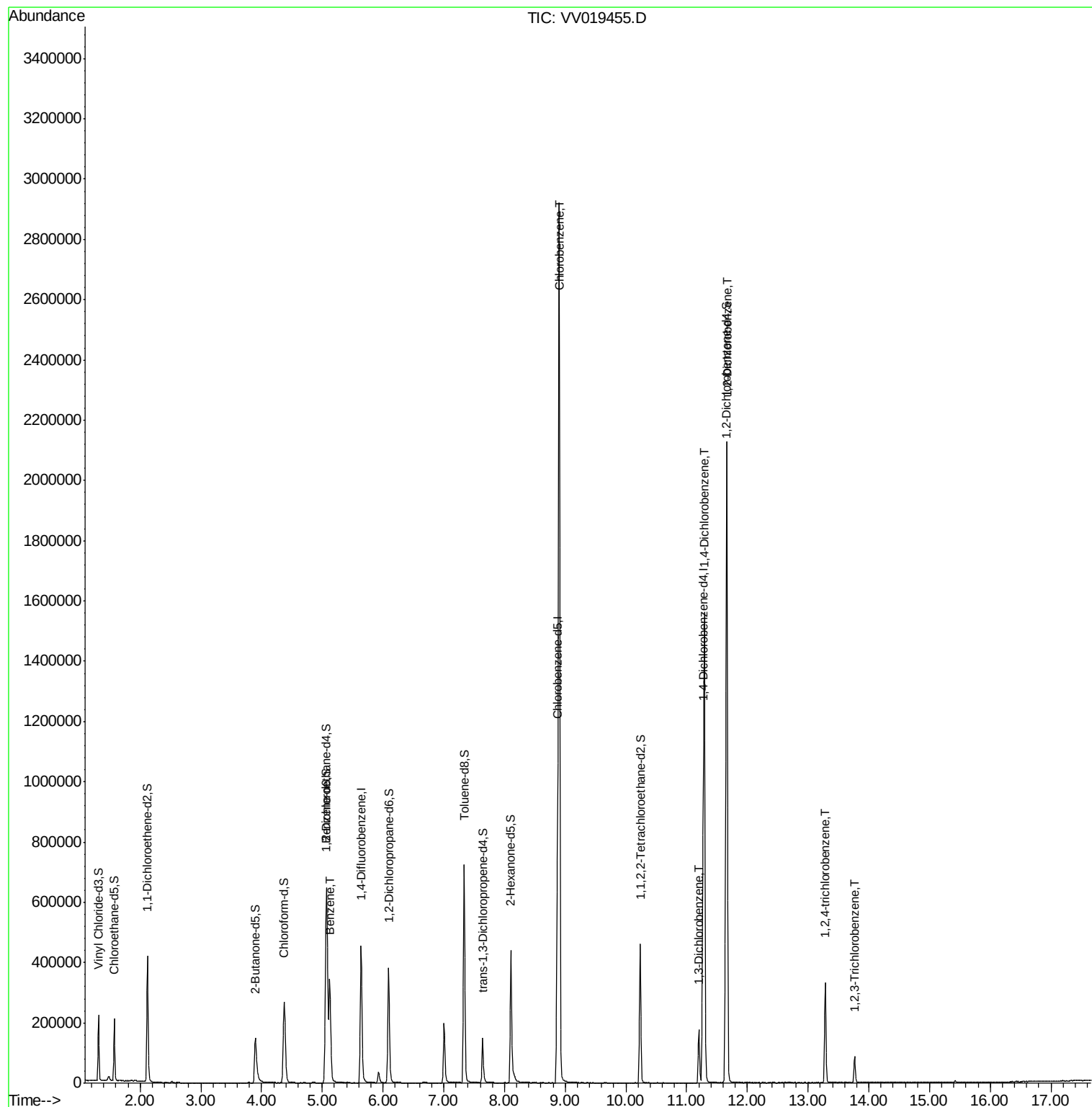
					Ovalue
33) Benzene	5.12	78	336248	30.916	ug/L 100
51) Chlorobenzene	8.90	112	1440637	193.553	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	69055	12.869	ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	556259	98.625	ug/L 98
65) 1,2-Dichlorobenzene	11.66	146	729268	132.371	ug/L 98
68) 1,2,4-trichlorobenzene	13.28	180	98645	28.523	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	25815	7.141	ug/L 97

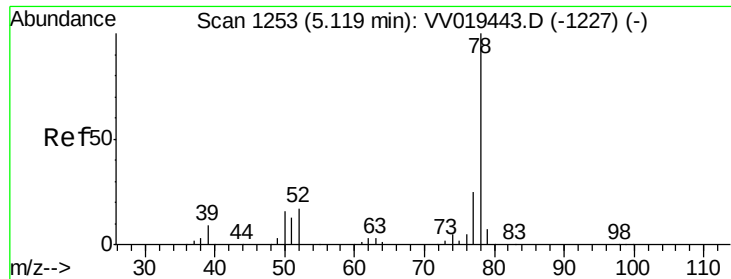
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 03 05:50:19 2020
Response via : Initial Calibration





#33

Benzene

Concen: 30.916 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV019455.D

Acq: 02 Dec 2020 17:52

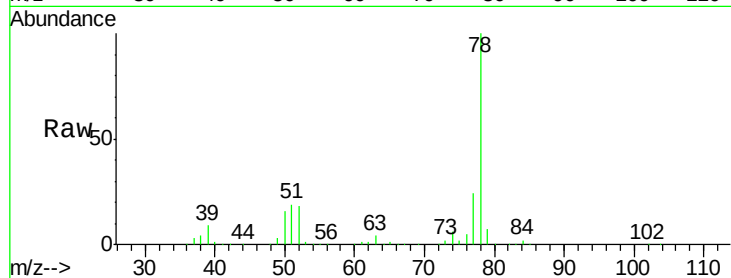
Instrument :

MSVOA_V

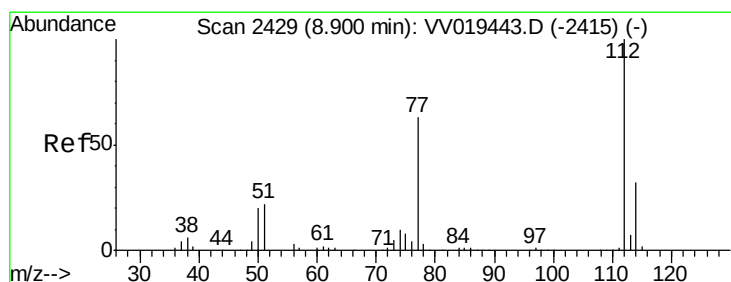
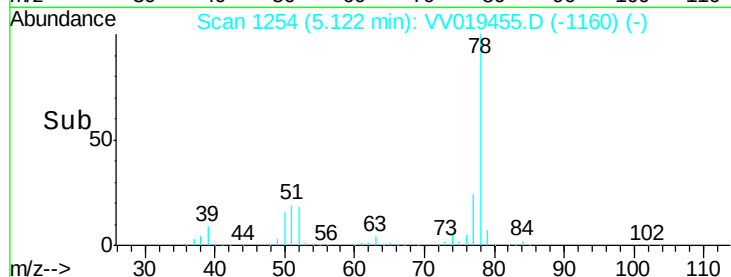
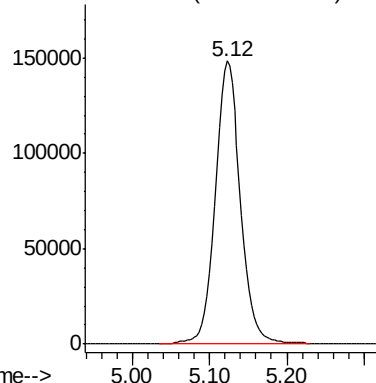
ClientSampled :

C0FW4

Tgt Ion: 78 Resp: 336248



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 193.553 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV019455.D

Acq: 02 Dec 2020 17:52

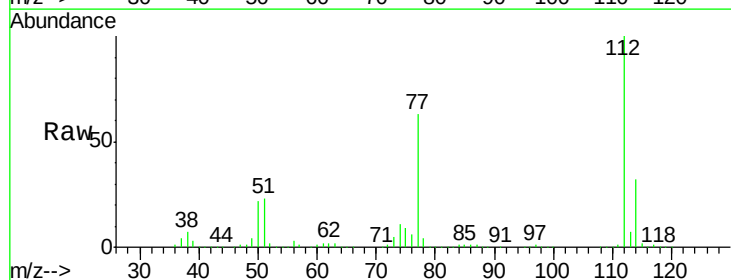
Tgt Ion: 112 Resp: 1440637

Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.1

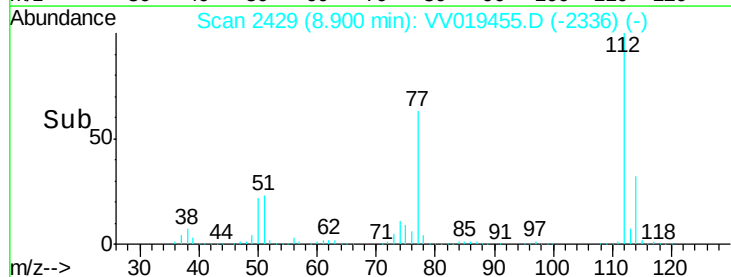
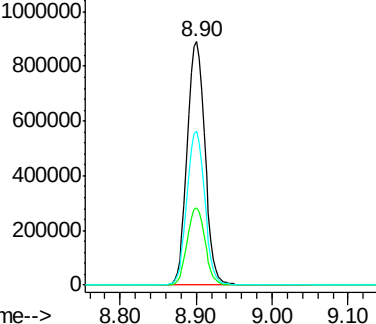
77 63.4 50.3 75.5

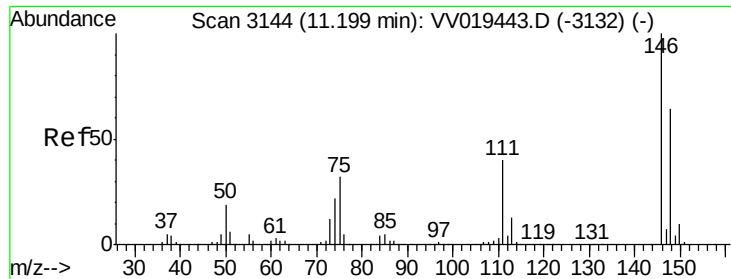


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

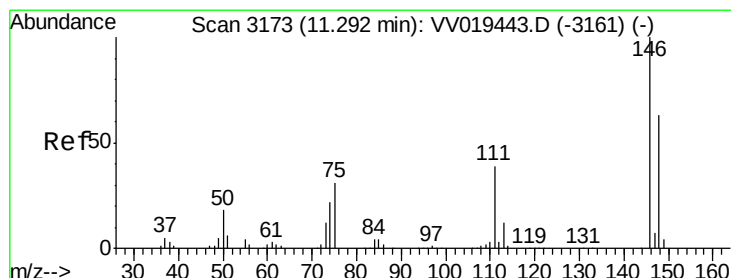
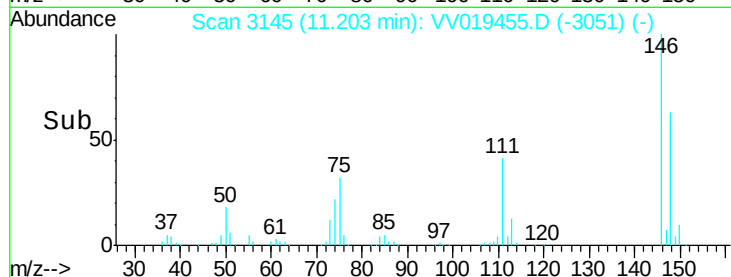
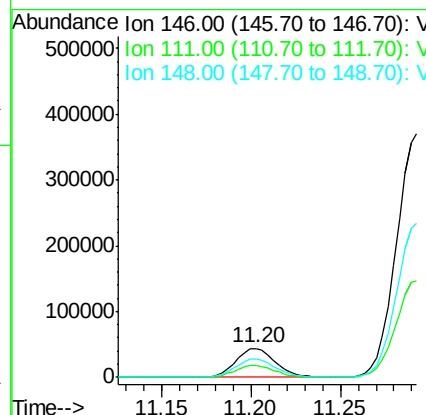
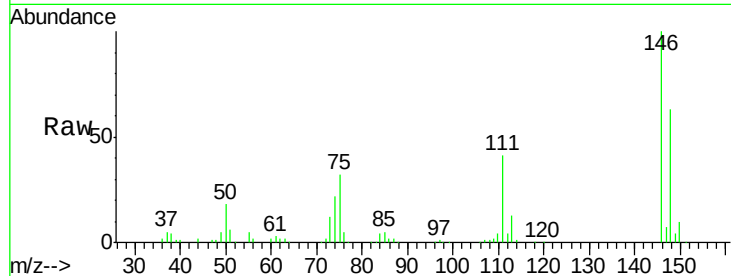




#62
 1,3-Dichlorobenzene
 Concen: 12.869 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV019455.D
 Acq: 02 Dec 2020 17:52

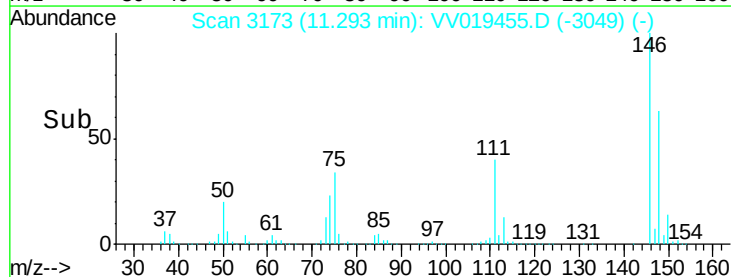
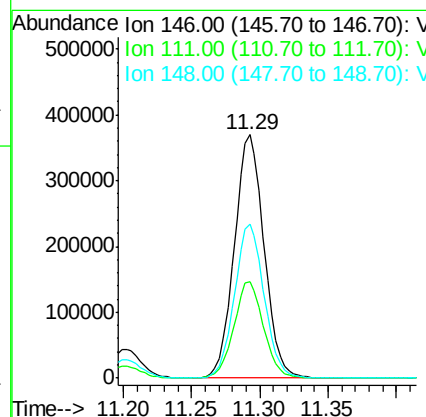
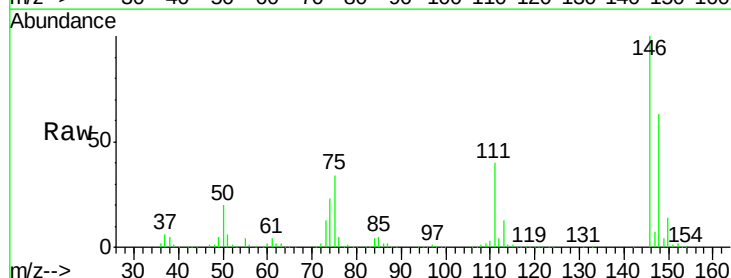
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW4

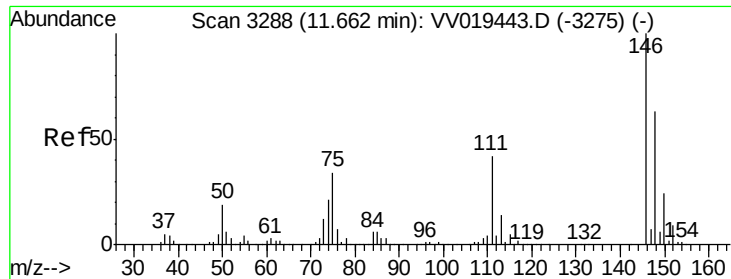
Tot Ion:146 Resp: 69055
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.9 51.7
 148 63.4 44.4 82.5



#63
 1,4-Dichlorobenzene
 Concen: 98.625 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV019455.D
 Acq: 02 Dec 2020 17:52

Tgt Ion:146 Resp: 556259
 Ion Ratio Lower Upper
 146 100
 111 39.5 26.7 49.7
 148 63.3 45.2 84.0

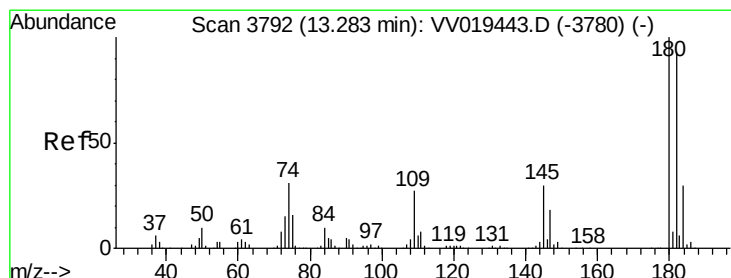
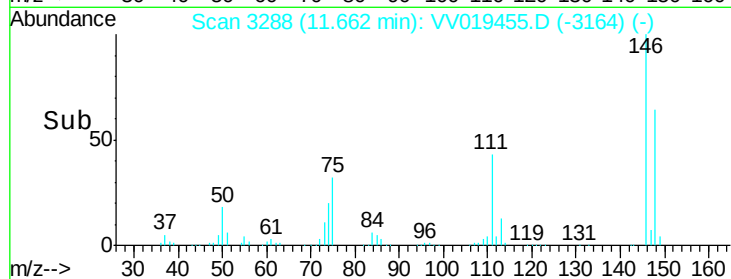
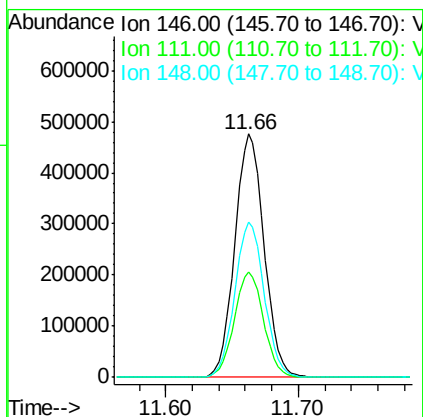
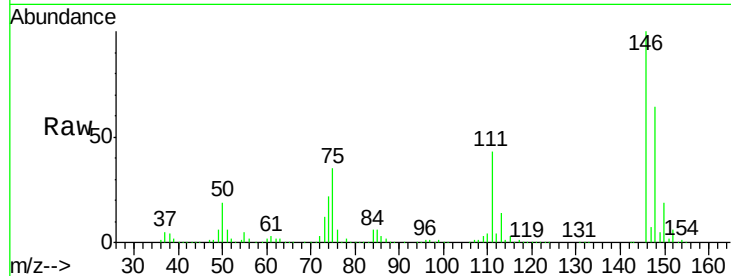




#65
 1,2-Dichlorobenzene
 Concen: 132.371 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV019455.D
 Acq: 02 Dec 2020 17:52

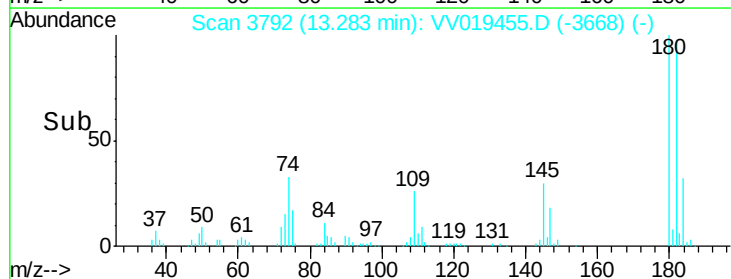
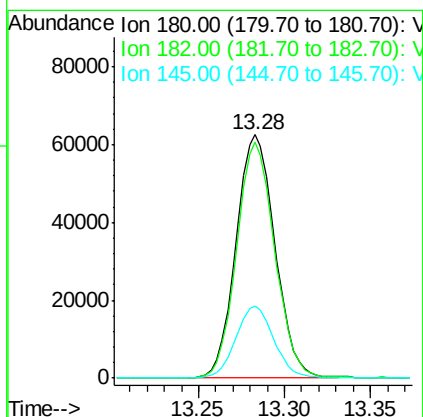
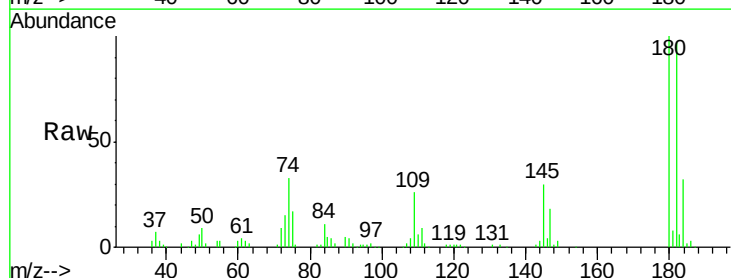
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW4

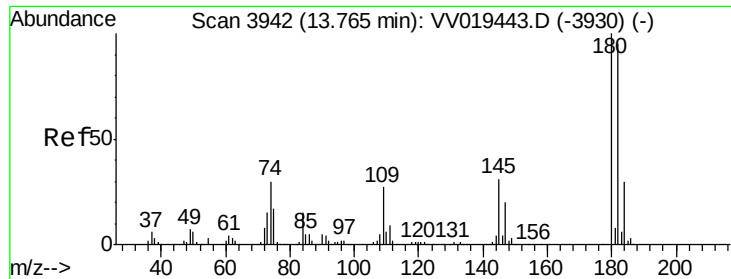
Tot Ion:146 Resp: 729268
 Ion Ratio Lower Upper
 146 100
 111 43.2 33.8 50.8
 148 63.7 49.8 74.8



#68
 1,2,4-trichlorobenzene
 Concen: 28.523 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV019455.D
 Acq: 02 Dec 2020 17:52

Tgt Ion:180 Resp: 98645
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.3 114.5
 145 28.9 23.4 35.2

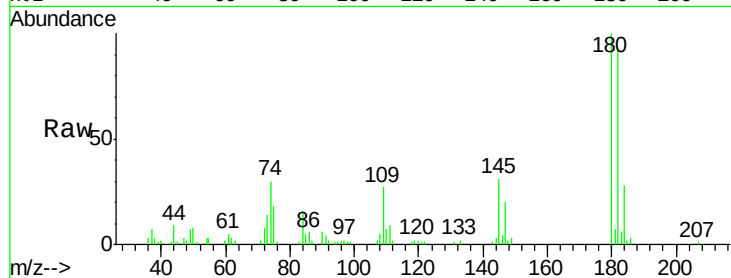




#70
 1,2,3-Trichlorobenzene
 Concen: 7.141 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV019455.D
 Acq: 02 Dec 2020 17:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW4

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.6	115.0
145	30.7	25.0	37.6



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

