

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015150.D
 Acq On : 25 Mar 2020 21:44
 Operator : SY/MD
 Sample : L1968-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC9

Quant Time: Mar 26 04:12:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	612767	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	581898	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	263665	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214279	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.58	69	204870	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.12	63	341806	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	3.94	46	314034	93.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.40%
24) Chloroform-d	4.38	84	375299	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
26) 1,2-Dichloroethane-d4	5.06	65	256335	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.08	84	765517	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.10	67	241939	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.88%
41) Toluene-d8	7.34	98	732155	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	7.64	79	115332	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
47) 2-Hexanone-d5	8.12	63	242208	90.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	353142	45.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	266351	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%

Target Compounds

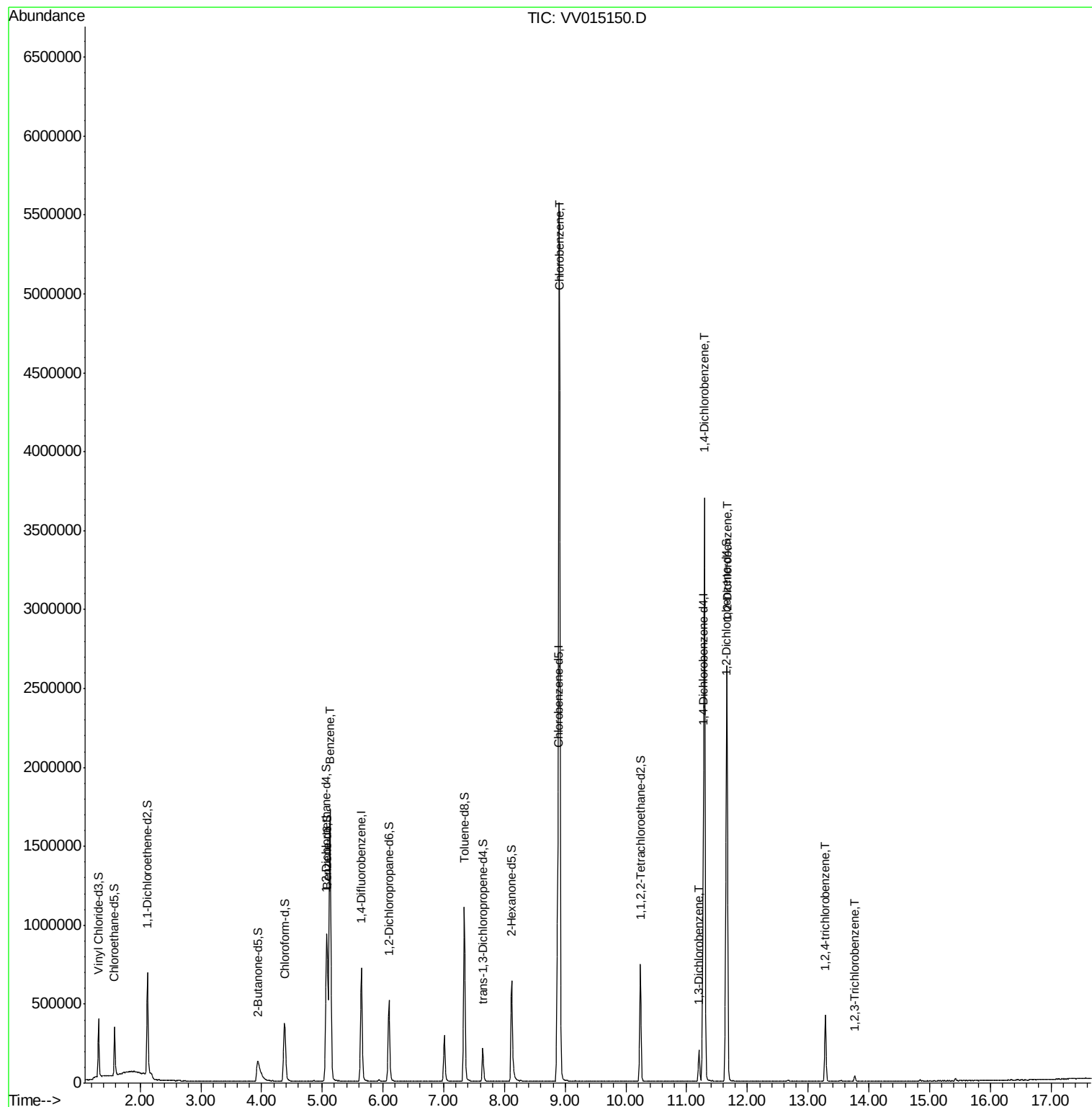
					Ovalue
33) Benzene	5.13	78	1720673	114.907	ug/L 100
51) Chlorobenzene	8.90	112	2859239	264.853	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	73835	9.561	ug/L 99
63) 1,4-Dichlorobenzene	11.30	146	1300087	165.249	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	880667	113.031	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	109913	22.432	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	9396	1.930	ug/L 98

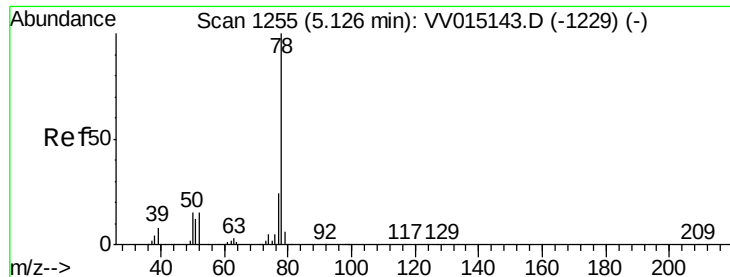
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration





#33

Benzene

Concen: 114.907 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV015150.D

Acq: 25 Mar 2020 21:44

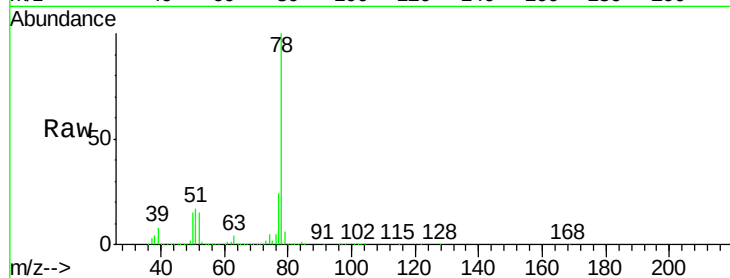
Instrument :

MSVOA_V

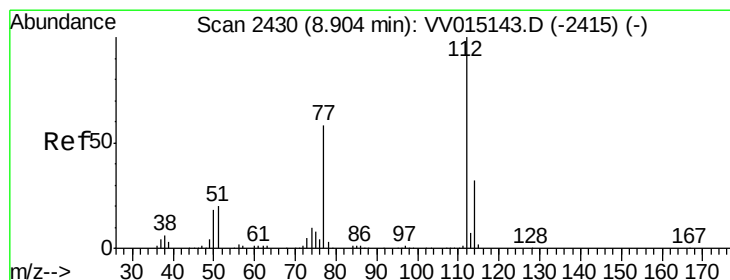
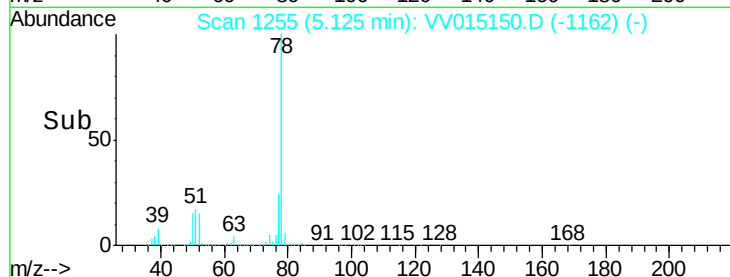
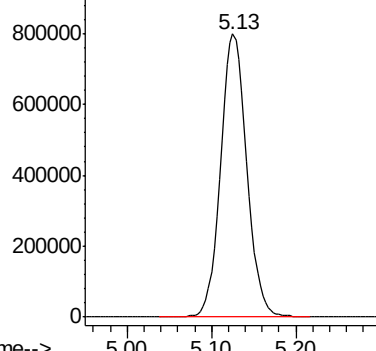
ClientSampleId :

C0DC9

Tgt Ion: 78 Resp: 1720673



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 264.853 ug/L

RT: 8.90 min Scan# 2430

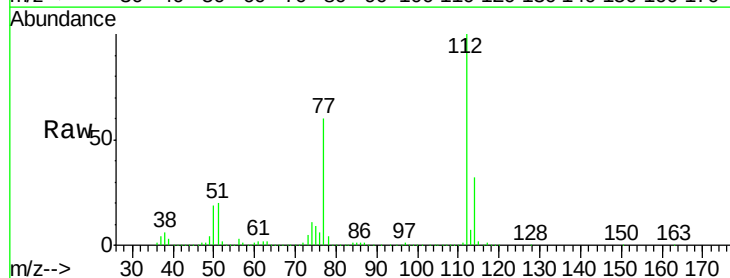
Delta R.T. -0.00 min

Lab File: VV015150.D

Acq: 25 Mar 2020 21:44

Tgt Ion: 112 Resp: 2859239

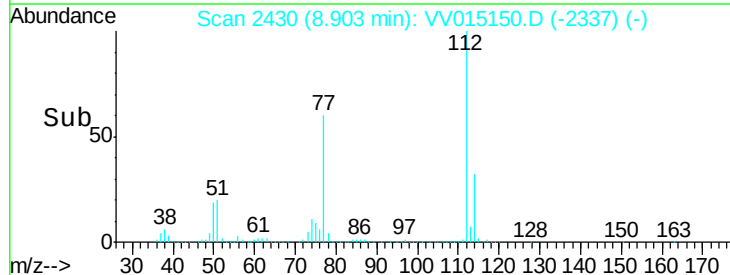
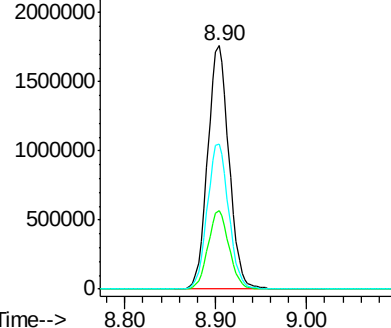
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	59.8	47.2	70.8

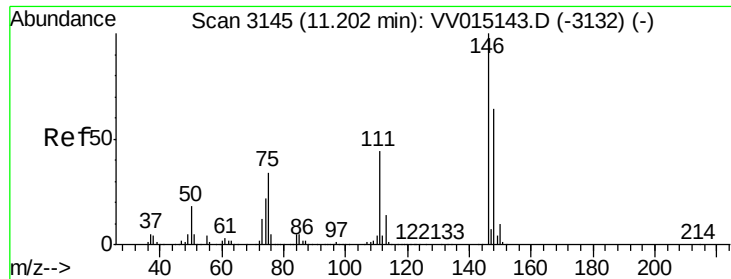


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

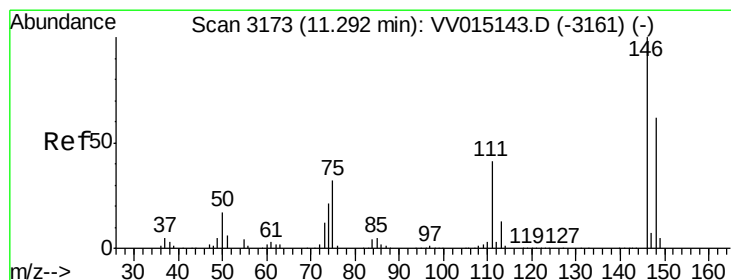
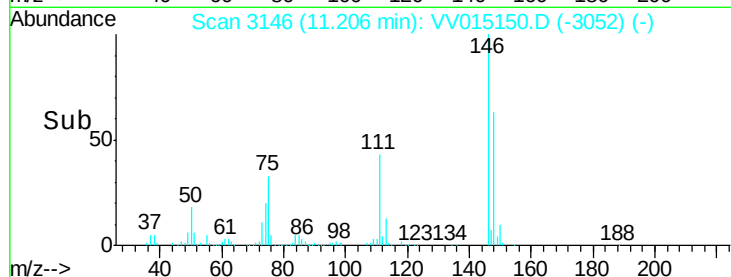
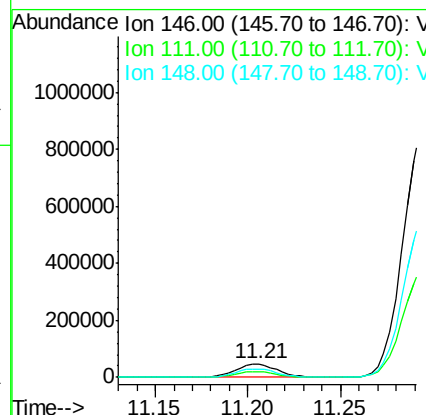
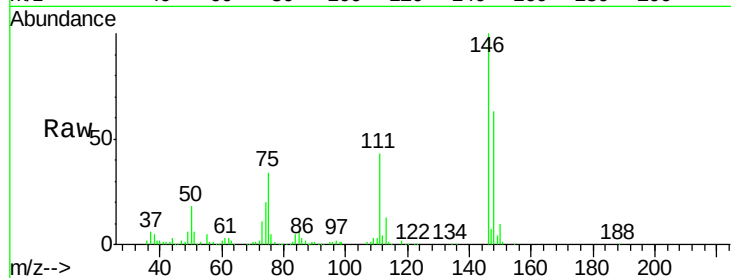




#62
 1,3-Dichlorobenzene
 Concen: 9.561 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

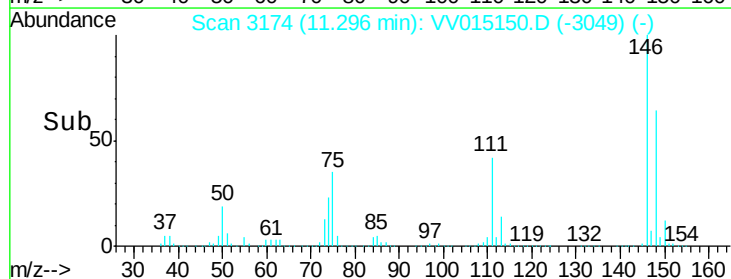
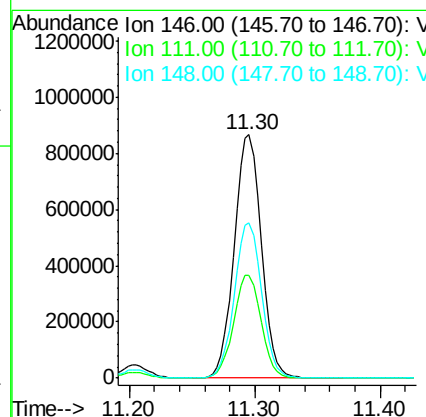
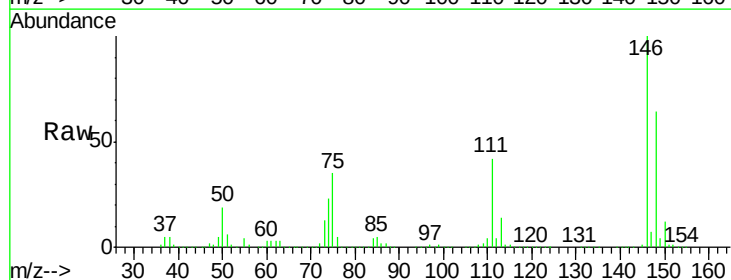
Instrument :
 MSVOA_V
 ClientSampled :
 C0DC9

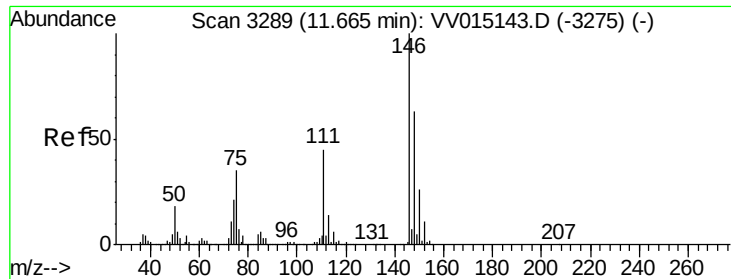
Tot Ion:146 Resp: 73835
 Ion Ratio Lower Upper
 146 100
 111 43.2 29.3 54.5
 148 63.1 44.7 82.9



#63
 1,4-Dichlorobenzene
 Concen: 165.249 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

Tgt Ion:146 Resp: 1300087
 Ion Ratio Lower Upper
 146 100
 111 42.5 28.4 52.8
 148 64.0 44.0 81.8

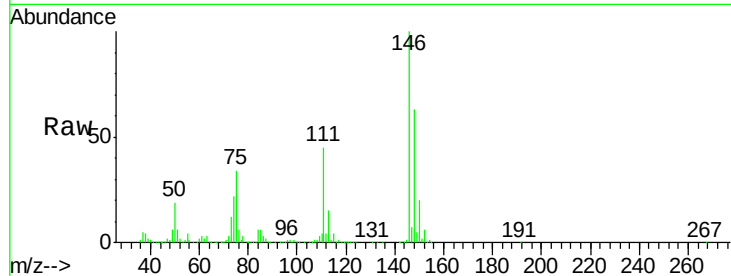




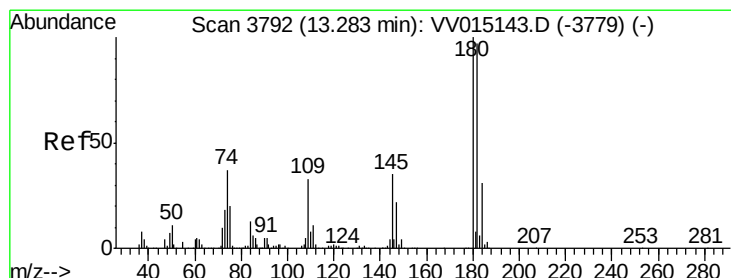
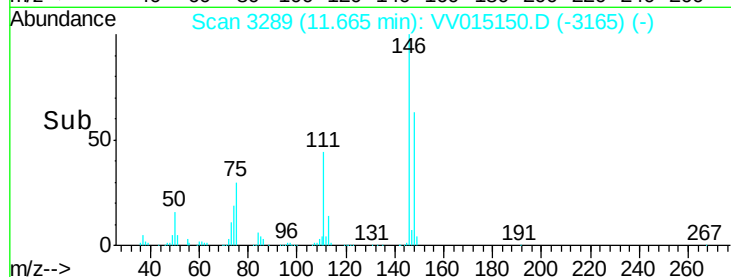
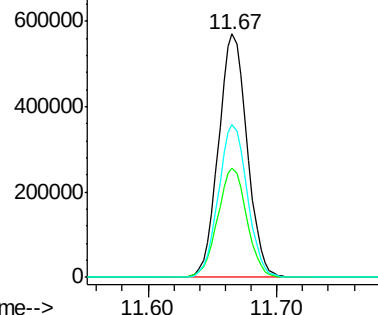
#65
 1,2-Dichlorobenzene
 Concen: 113.031 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC9

Tot Ion:146 Resp: 880667
 Ion Ratio Lower Upper
 146 100
 111 45.0 35.4 53.2
 148 62.8 49.7 74.5

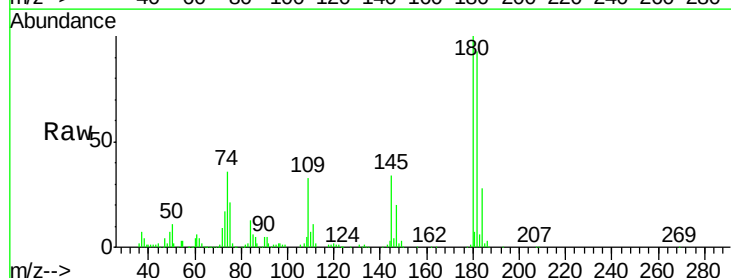


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

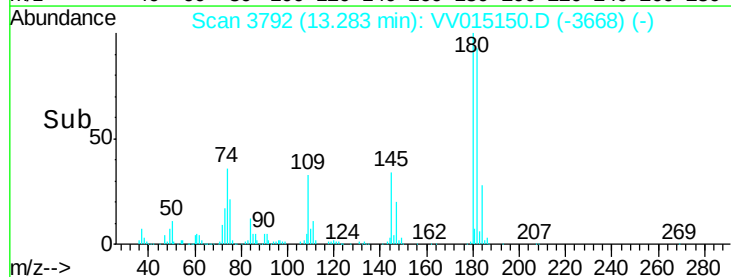
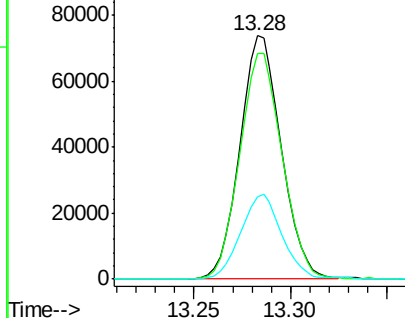


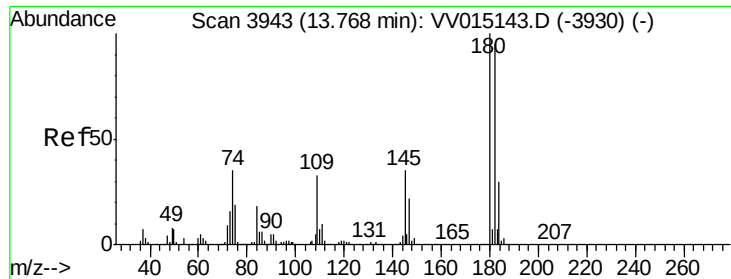
#68
 1,2,4-trichlorobenzene
 Concen: 22.432 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

Tgt Ion:180 Resp: 109913
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 145 34.6 26.6 40.0



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

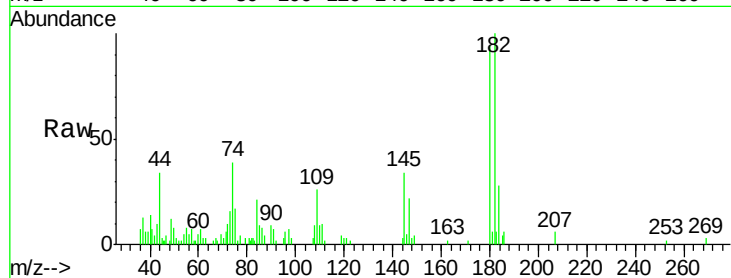




#70
 1,2,3-Trichlorobenzene
 Concen: 1.930 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC9

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.3	114.5
145	37.3	29.6	44.4



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

