

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 02:05:04 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

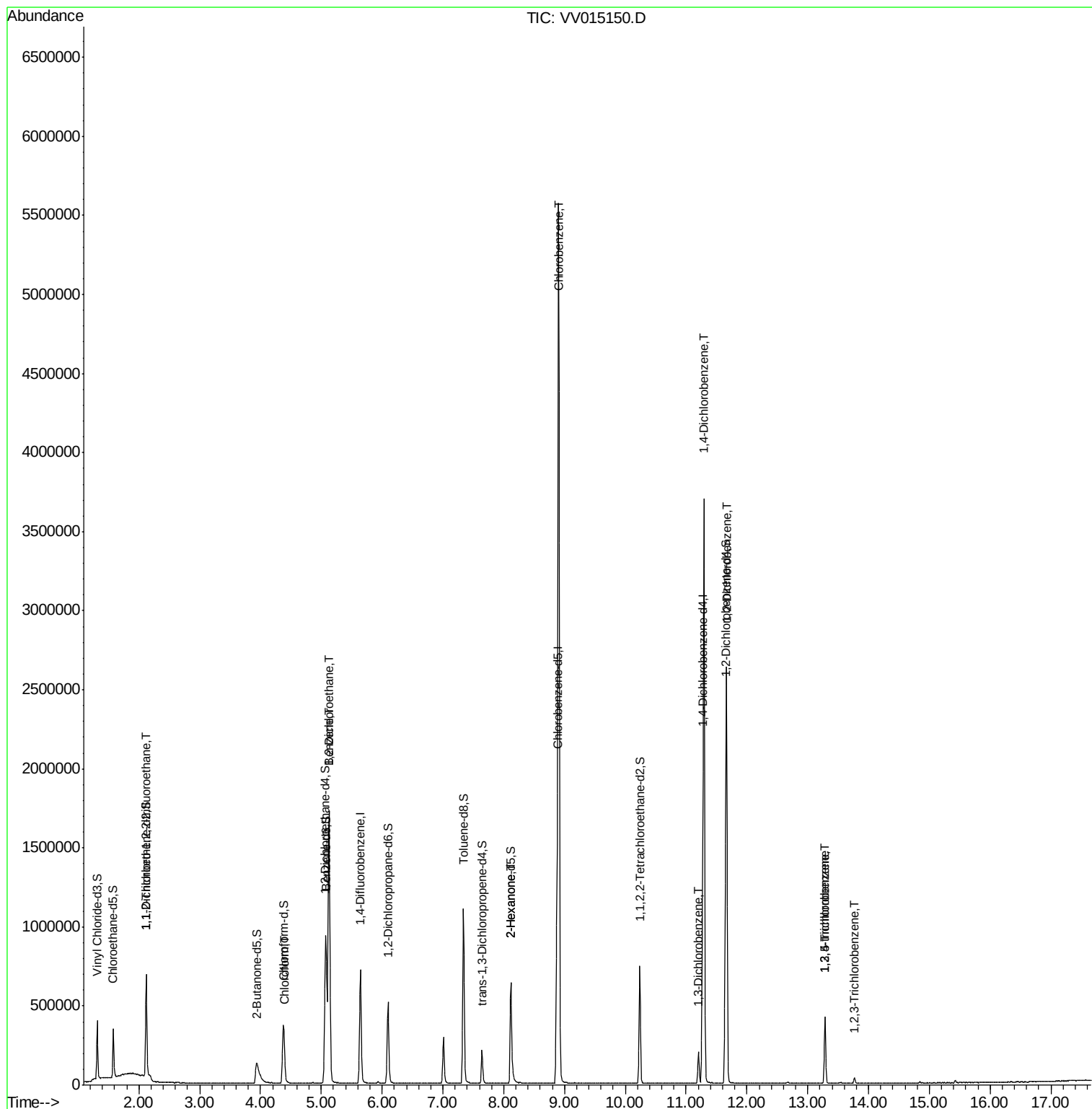
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3584	0.837	ug/L #	29
25) Chloroform	4.41	83	8022	1.153	ug/L	97
27) 1,2-Dichloroethane	5.13	62	12307	2.284	ug/L #	87
33) Benzene	5.13	78	1720673	114.907	ug/L	100
48) 2-Hexanone	8.12	43	28957	6.631	ug/L #	75
51) Chlorobenzene	8.90	112	2859239	264.853	ug/L	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
67) 1,3,5-Trichlorobenzene	13.28	180	109913	21.121	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

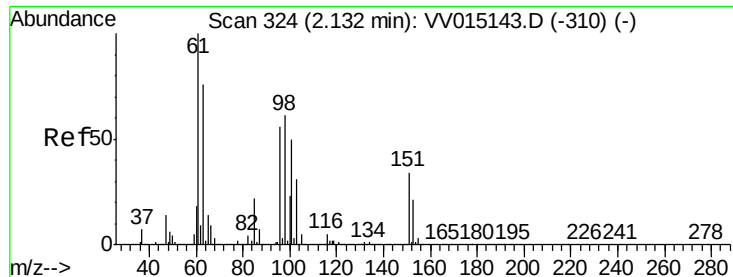
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 02:05:04 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





#10

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

Concen: 0.837 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015150.D

Acq: 25 Mar 2020 21:44

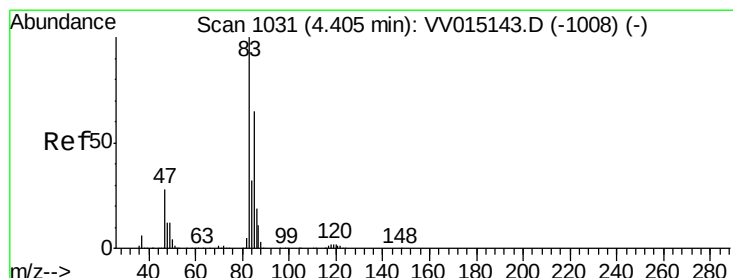
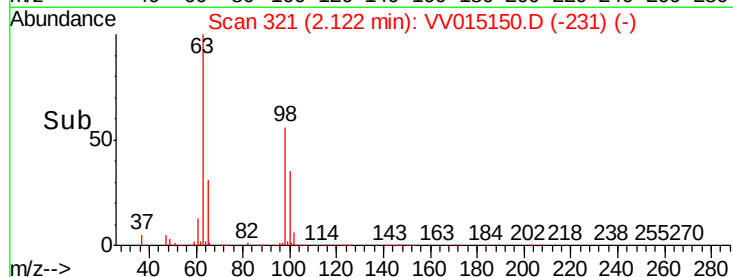
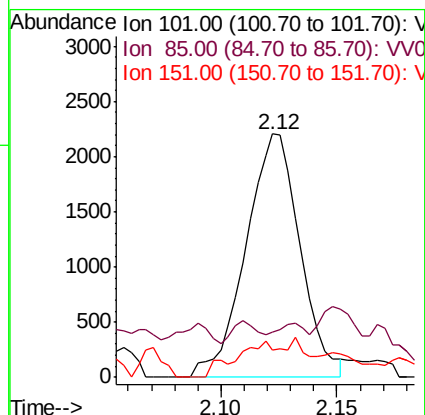
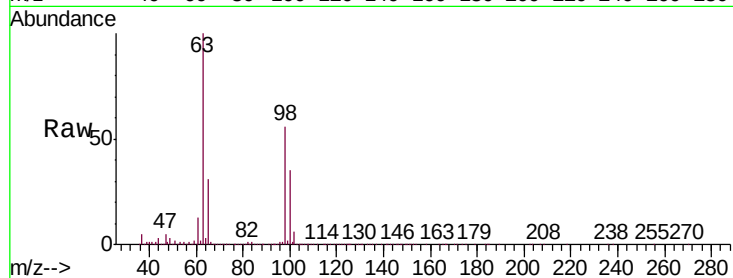
Instrument :

MSVOA_V

ClientSampleId :

C0DC9

Tgt Ion:	101	Resp:	3584
Ion Ratio	Lower	Upper	
101	100		
85	4.2	36.0	54.0#
151	7.6	56.2	84.2#



#25

Chloroform

Concen: 1.153 ug/L

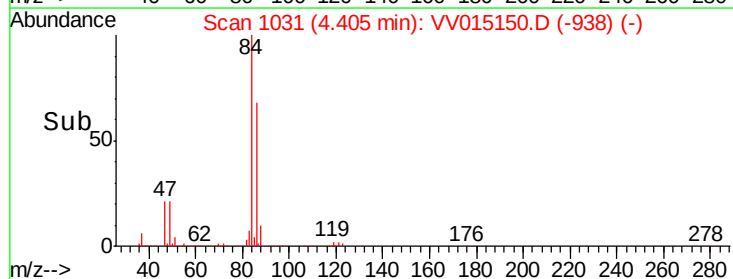
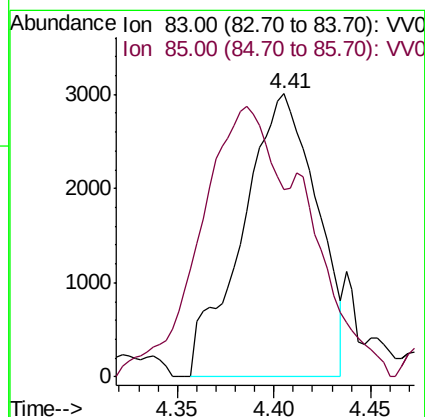
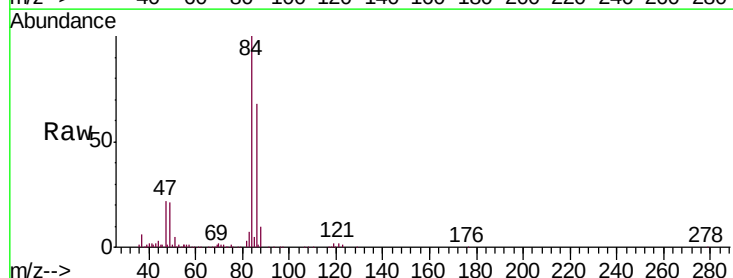
RT: 4.41 min Scan# 1031

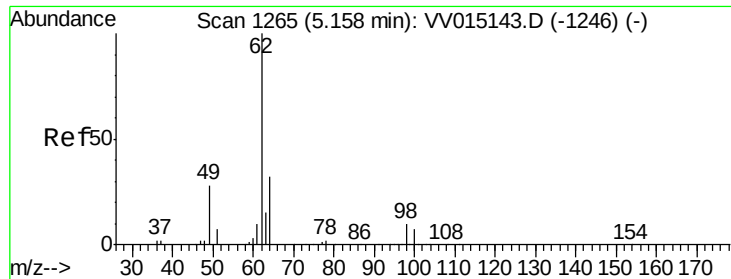
Delta R.T. -0.00 min

Lab File: VV015150.D

Acq: 25 Mar 2020 21:44

Tgt Ion:	83	Resp:	8022
Ion Ratio	Lower	Upper	
83	100		
85	66.0	44.8	83.2

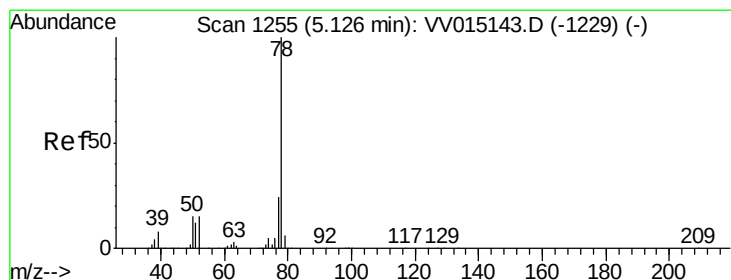
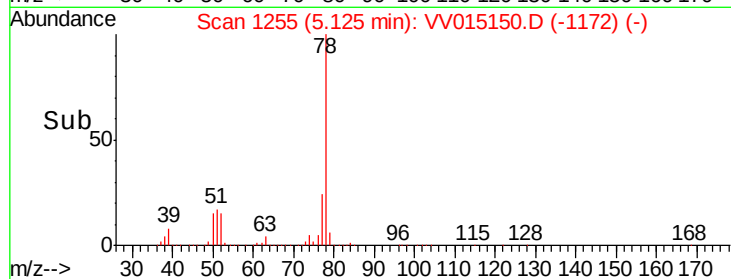
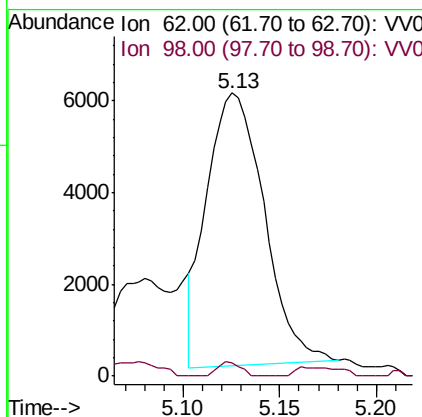
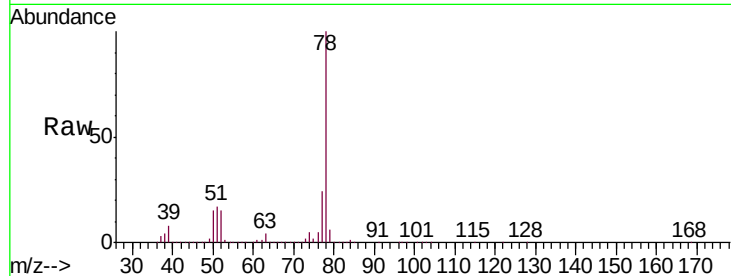




#27
 1,2-Dichloroethane
 Concen: 2.284 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

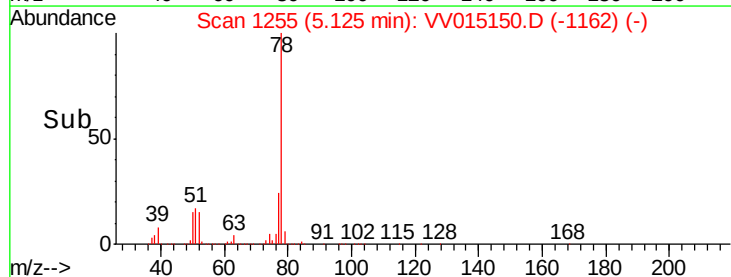
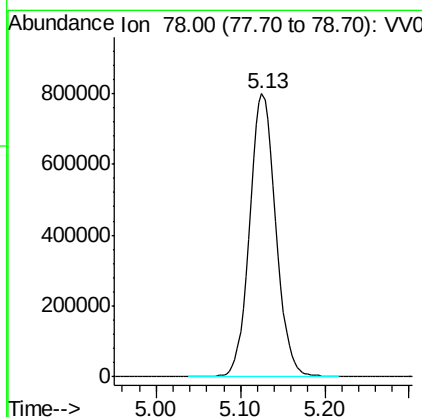
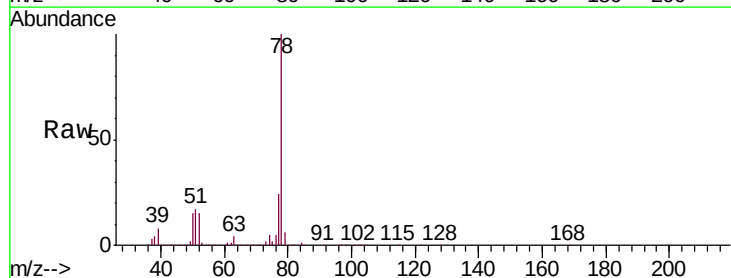
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC9

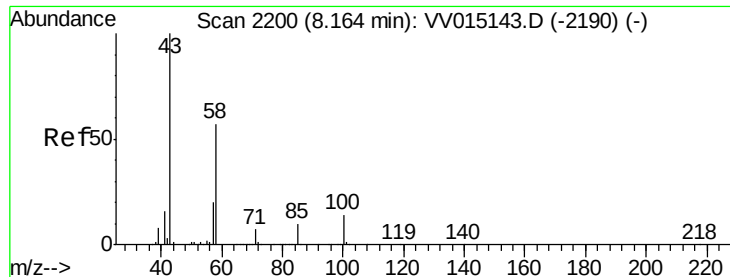
Tgt Ion: 62 Resp: 12307
 Ion Ratio Lower Upper
 62 100
 98 4.8 7.5 11.3#



#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

Tgt Ion: 78 Resp: 1720673

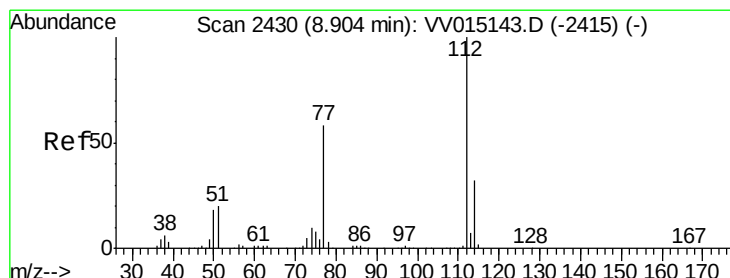
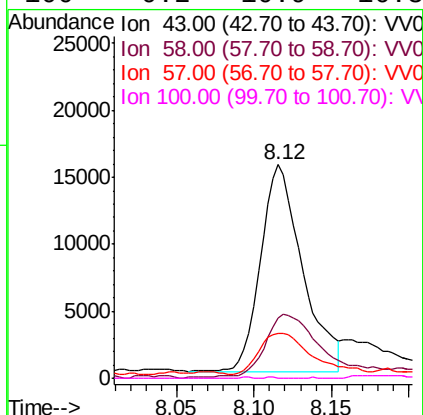
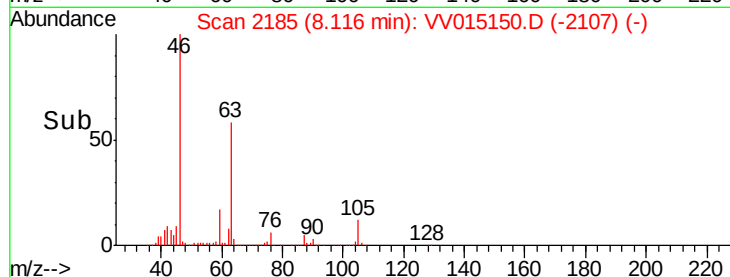
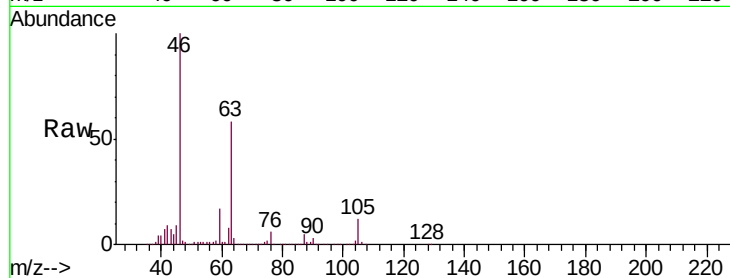




#48
2-Hexanone
Concen: 6.631 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015150.D
Acq: 25 Mar 2020 21:44

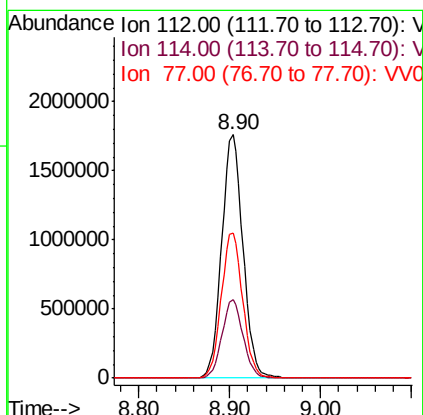
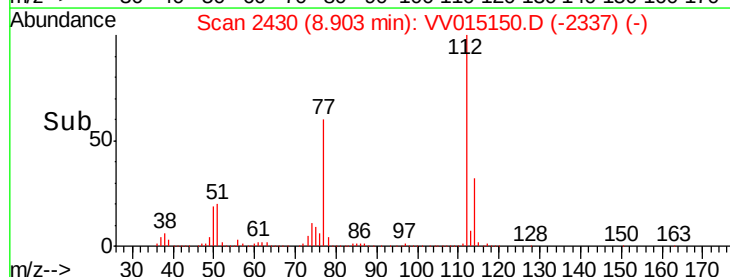
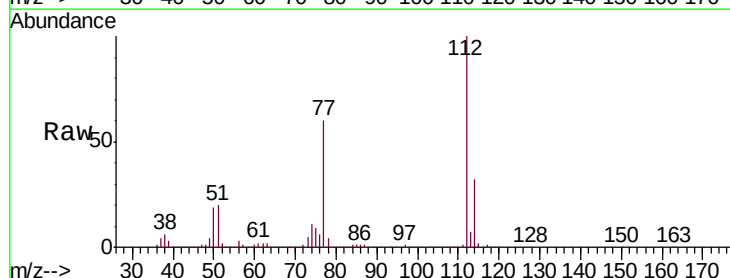
Instrument :
MSVOA_V
ClientSampleId :
C0DC9

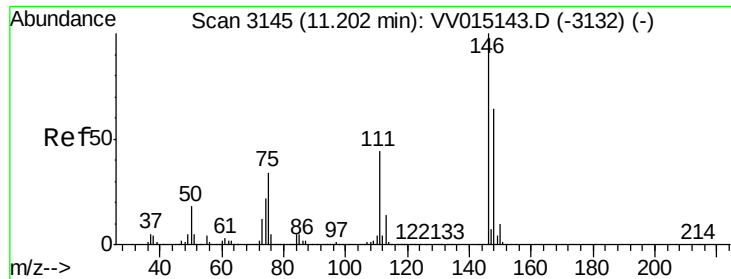
Tgt Ion:	43	Resp:	28957
Ion	Ratio	Lower	Upper
43	100		
58	37.4	47.0	70.6#
57	25.1	16.5	24.7#
100	0.2	10.9	16.3#



#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





#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

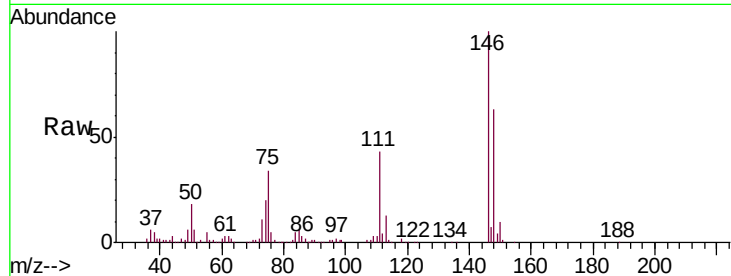
Tgt Ion:146 Resp: 73835

Ion Ratio Lower Upper

146 100

111 43.2 29.3 54.5

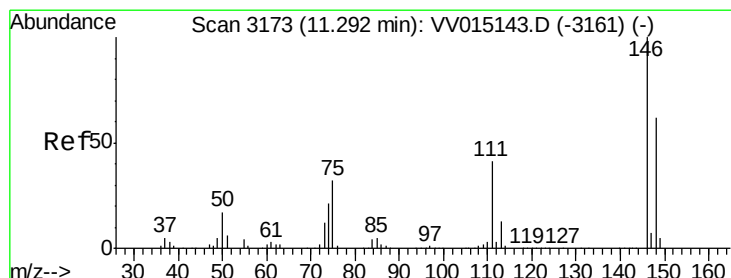
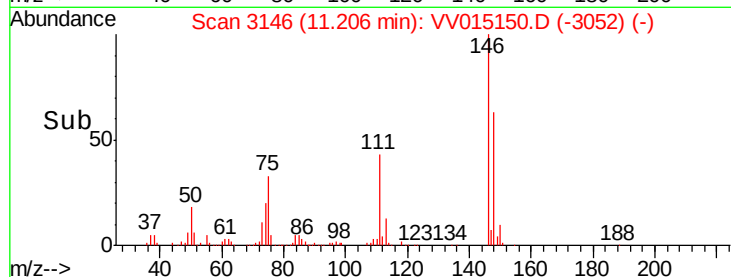
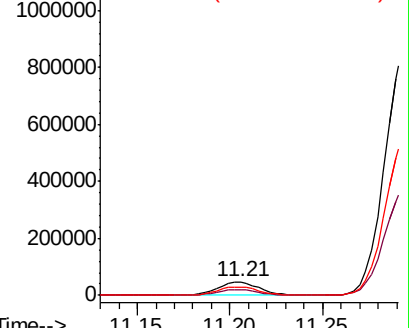
148 63.1 44.7 82.9



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: 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

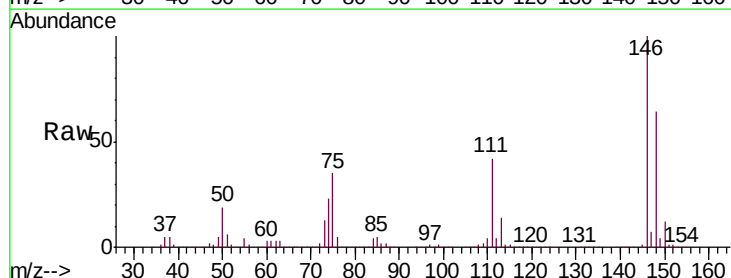
Tgt Ion:146 Resp: 1300087

Ion Ratio Lower Upper

146 100

111 42.5 28.4 52.8

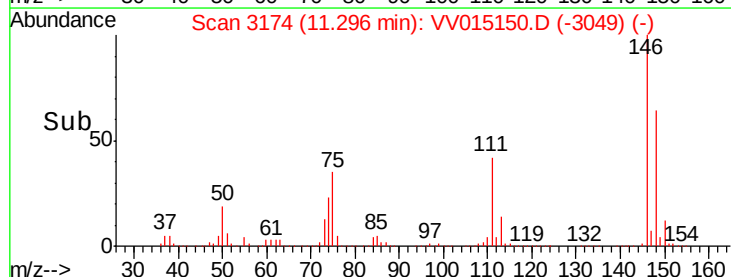
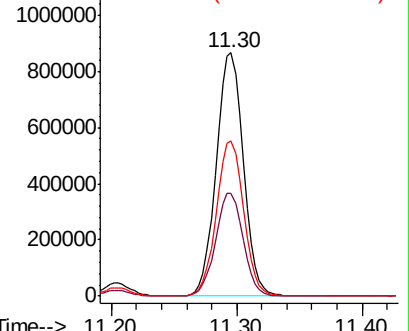
148 64.0 44.0 81.8

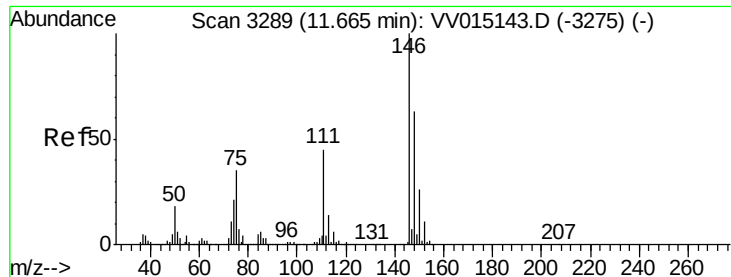


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

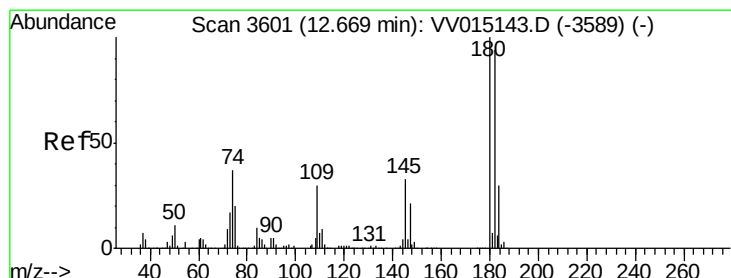
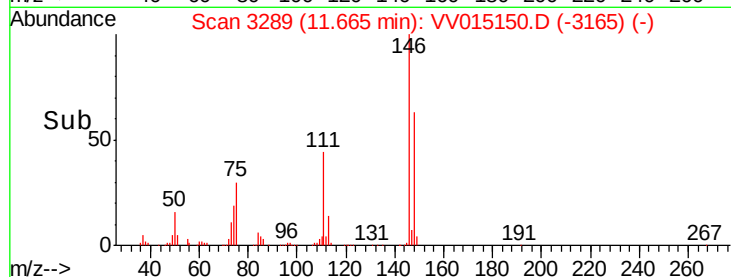
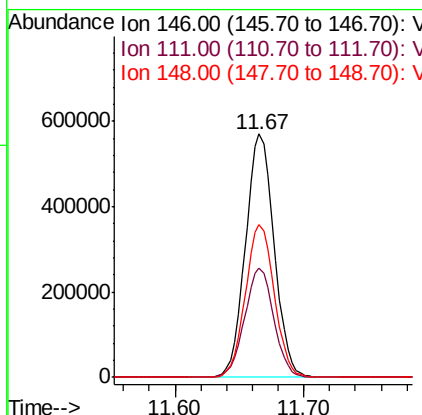
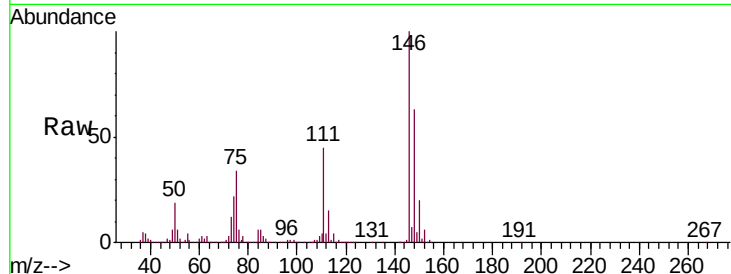




#65
 1,2-Dichlorobenzene
 Concen: 113.031 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015150.D
 Acq: 25 Mar 2020 21:44

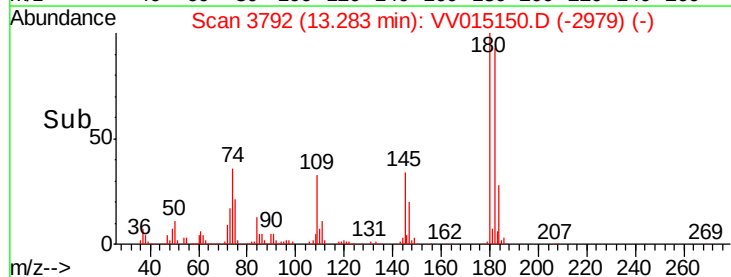
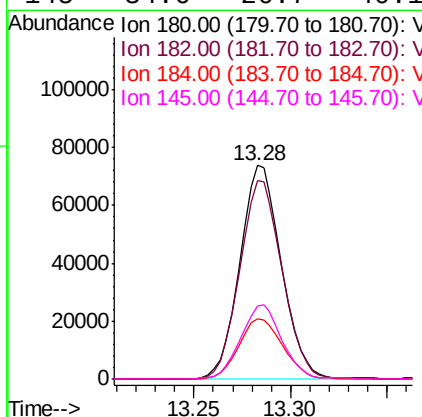
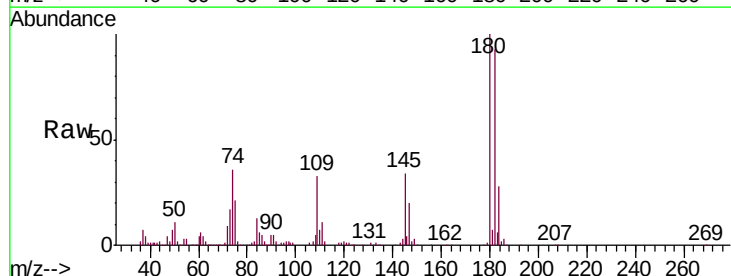
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC9

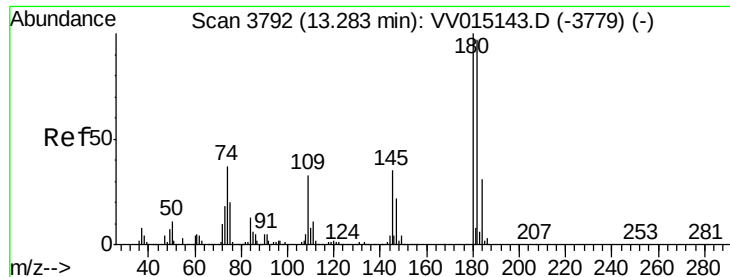
Tgt Ion:146 Resp: 880667
 Ion Ratio Lower Upper
 146 100
 111 45.0 35.4 53.2
 148 62.8 49.7 74.5



#67
 1,3,5-Trichlorobenzene
 Concen: 21.121 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.61 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
 184 29.8 24.4 36.6
 145 34.6 26.7 40.1





#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

Instrument :

MSVOA_V

ClientSampleId :

C0DC9

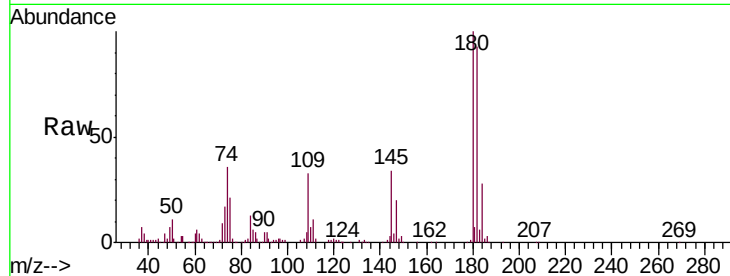
Tgt Ion:180 Resp: 109913

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

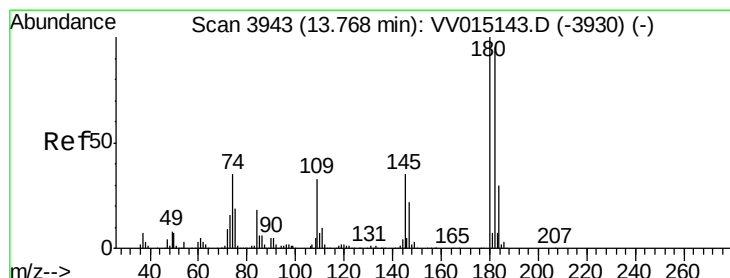
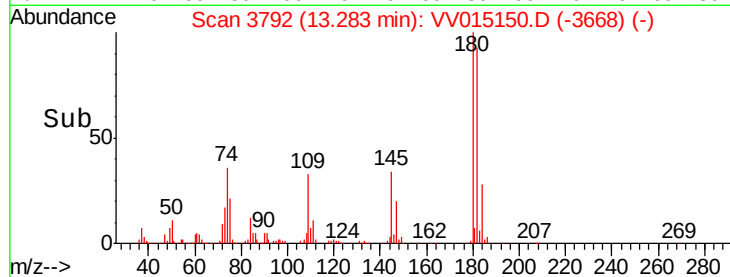
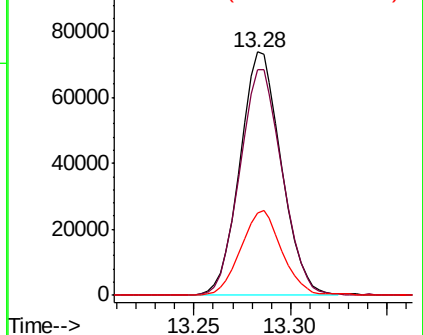
145 34.6 26.6 40.0



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

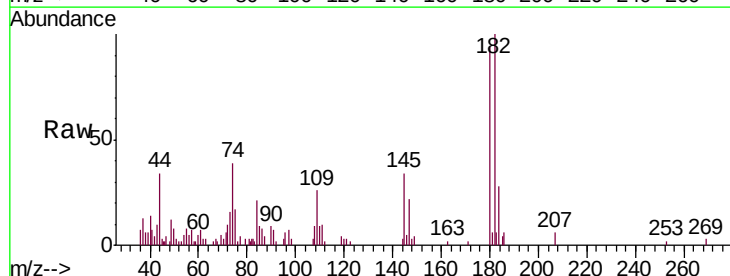
Tgt Ion:180 Resp: 9396

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

