

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015356.D
 Acq On : 02 Apr 2020 03:49
 Operator : SY/MD
 Sample : L2005-07 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 06:42:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	704486	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	667435	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	309168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	159978	25.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.66%#
7) Chloroethane-d5	1.58	69	164140	30.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.84%#
11) 1,1-Dichloroethene-d2	2.12	63	271913	24.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.16%#
21) 2-Butanone-d5	3.94	46	268382	79.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.94%
24) Chloroform-d	4.37	84	374856	35.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.90%
26) 1,2-Dichloroethane-d4	5.06	65	239552	36.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.76%
32) Benzene-d6	5.07	84	750353	36.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.02%
36) 1,2-Dichloropropane-d6	6.09	67	233602	38.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.10%
41) Toluene-d8	7.34	98	716060	36.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.86%#
43) trans-1,3-Dichloropropene-	7.64	79	106613	31.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
47) 2-Hexanone-d5	8.12	63	221007	79.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	347385	40.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	290167	41.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.52%

Target Compounds

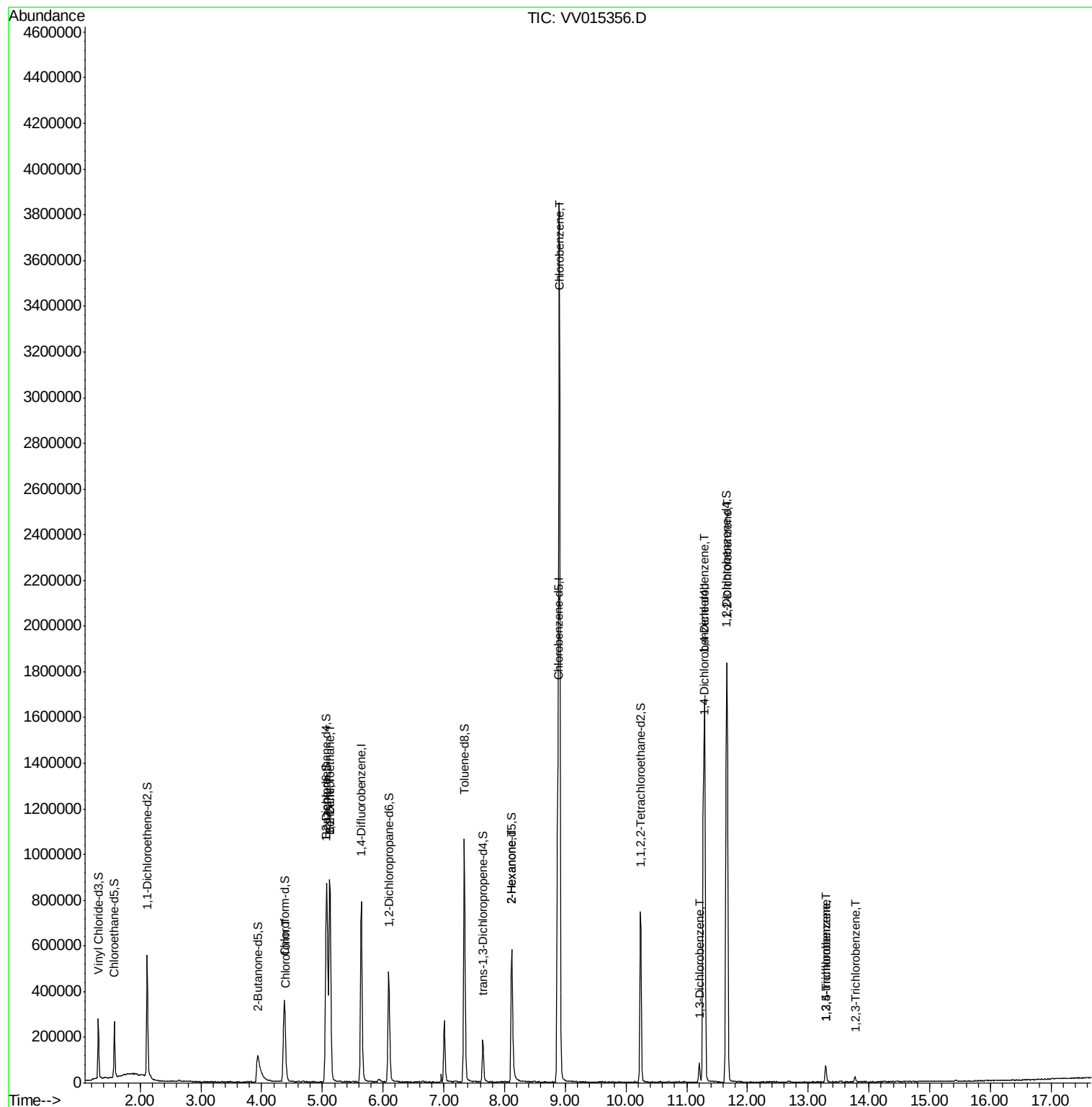
					Ovalue
25) Chloroform	4.40	83	12360	1.301	ug/L 100
27) 1,2-Dichloroethane	5.12	62	6982	0.976	ug/L # 73
33) Benzene	5.13	78	907062	45.916	ug/L 100
48) 2-Hexanone	8.12	43	28262	5.476	ug/L # 78
51) Chlorobenzene	8.90	112	2066649	143.625	ug/L 98
62) 1,3-Dichlorobenzene	11.21	146	34808	3.344	ug/L 94
63) 1,4-Dichlorobenzene	11.30	146	615929	58.348	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	604150	56.910	ug/L 99
67) 1,3,5-Trichlorobenzene	13.29	180	20735	3.006	ug/L 96
68) 1,2,4-trichlorobenzene	13.29	180	20735	3.291	ug/L 96
70) 1,2,3-Trichlorobenzene	13.77	180	6584	1.014	ug/L 98

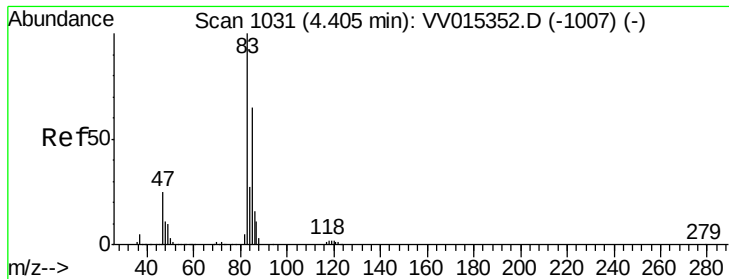
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration

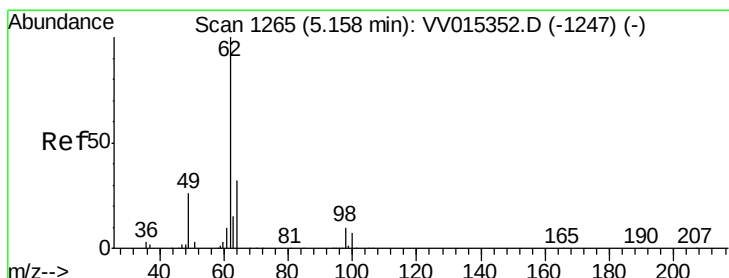
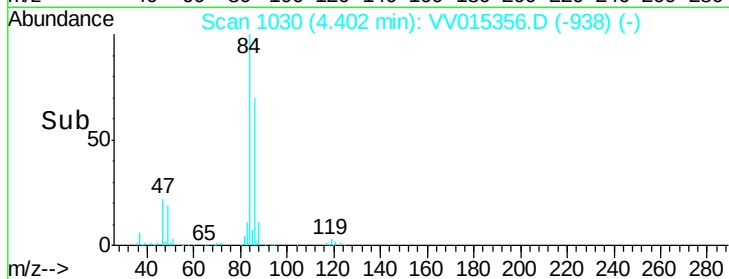
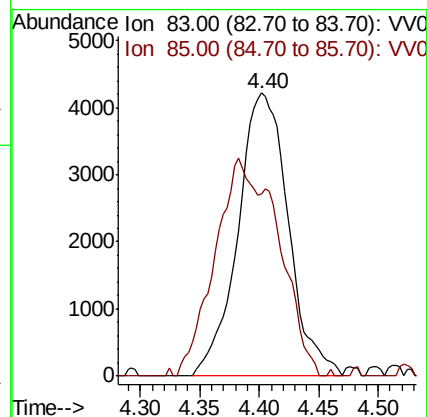
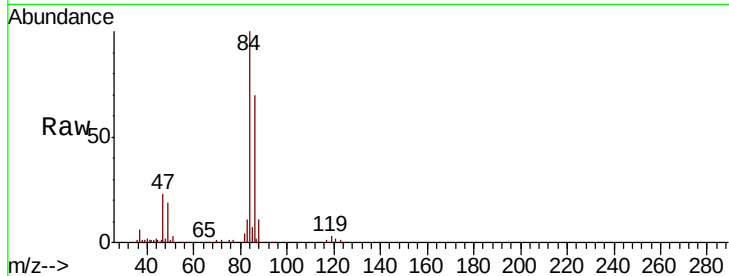




#25
Chloroform
Concen: 1.301 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015356.D
Acq: 02 Apr 2020 03:49

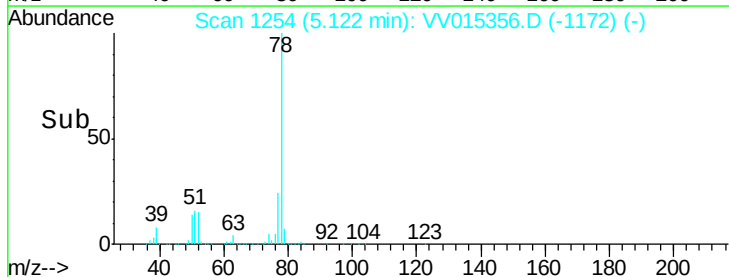
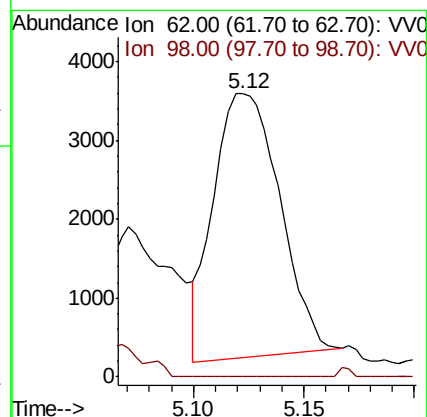
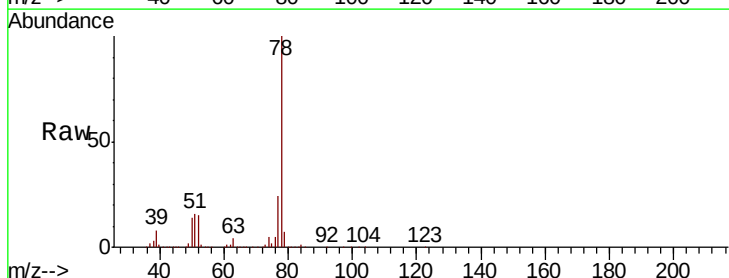
Instrument :
MSVOA_V
ClientSampleId :

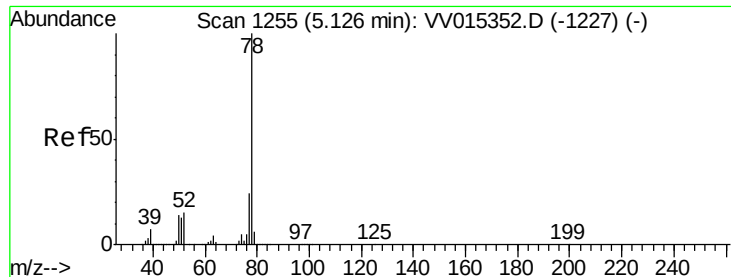
Tot Ion: 83 Resp: 12360
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.976 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.04 min
Lab File: VV015356.D
Acq: 02 Apr 2020 03:49

Tgt Ion: 62 Resp: 6982
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#33

Benzene

Concen: 45.916 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV015356.D

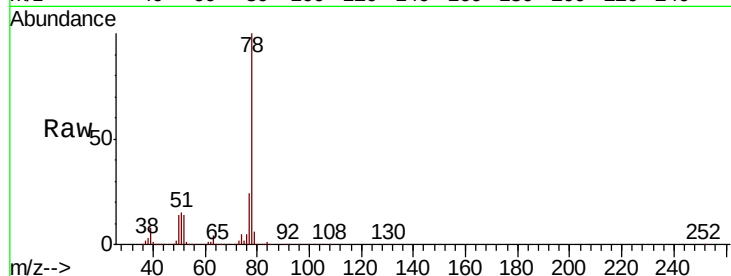
Acq: 02 Apr 2020 03:49

Instrument :

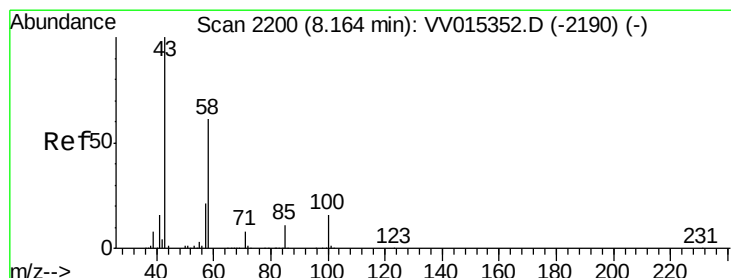
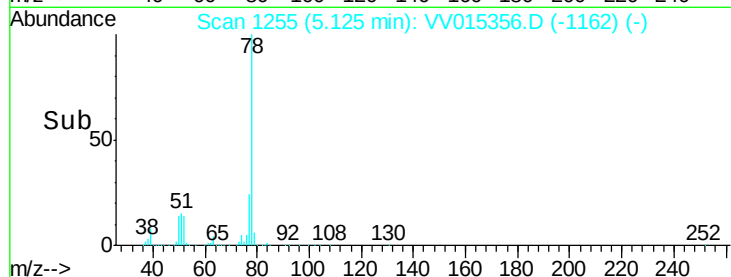
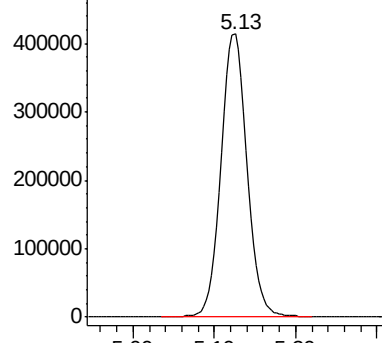
MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 907062



Abundance Ion 78.00 (77.70 to 78.70): VV0



#48

2-Hexanone

Concen: 5.476 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015356.D

Acq: 02 Apr 2020 03:49

Tgt Ion: 43 Resp: 28262

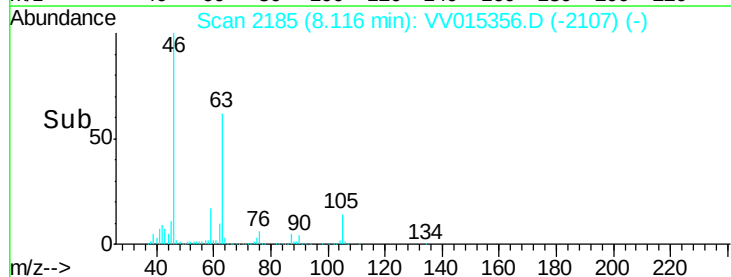
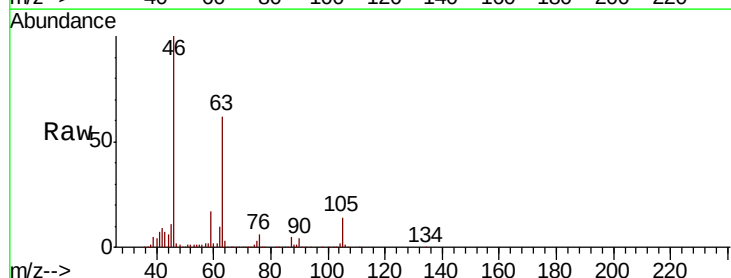
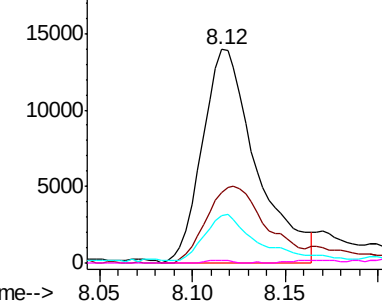
Ion	Ratio	Lower	Upper
43	100		
58	39.6	47.4	71.2#
57	20.4	16.7	25.1
100	0.5	11.5	17.3#

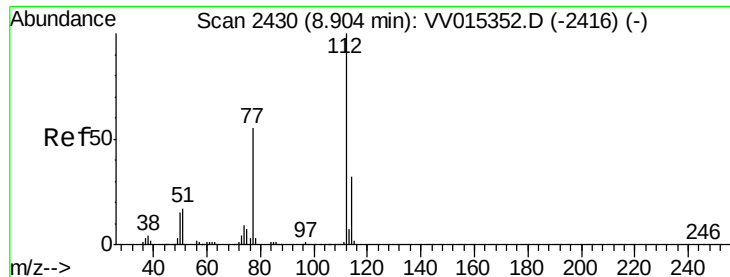
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 143.625 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015356.D

Acq: 02 Apr 2020 03:49

Instrument :

MSVOA_V

ClientSampleId :

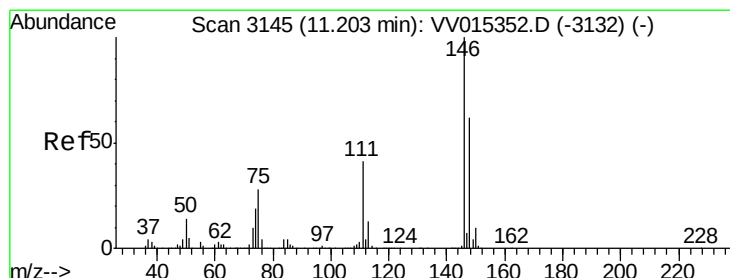
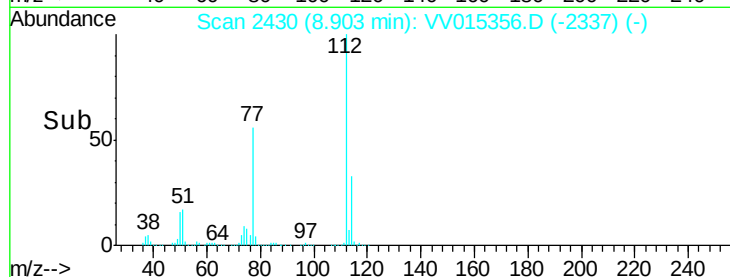
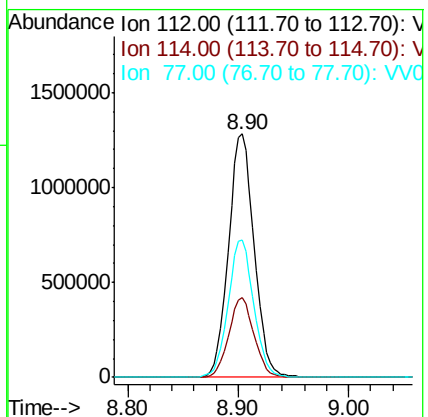
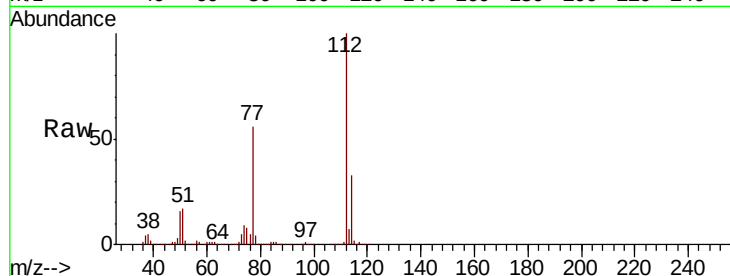
Tot Ion:112 Resp: 2066649

Ion Ratio Lower Upper

112 100

114 32.5 21.8 40.4

77 56.3 46.2 69.2



#62

1,3-Dichlorobenzene

Concen: 3.344 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015356.D

Acq: 02 Apr 2020 03:49

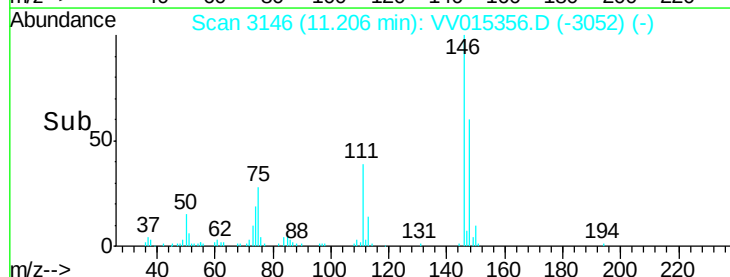
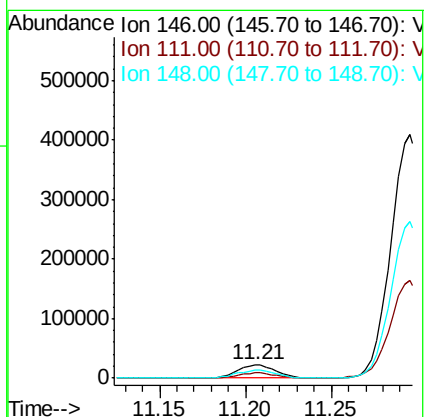
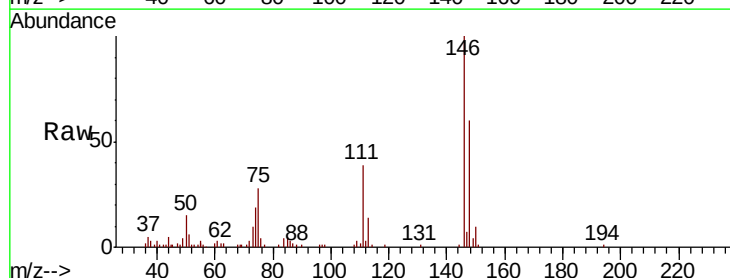
Tgt Ion:146 Resp: 34808

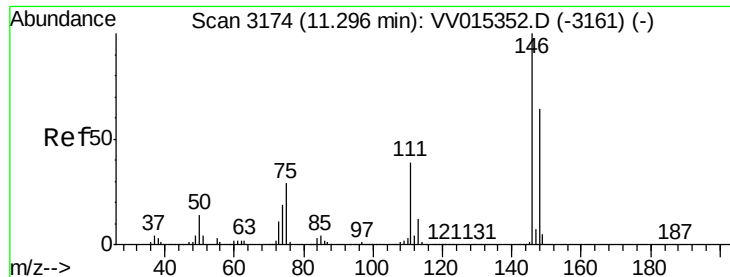
Ion Ratio Lower Upper

146 100

111 38.7 30.2 56.2

148 60.0 44.7 83.1

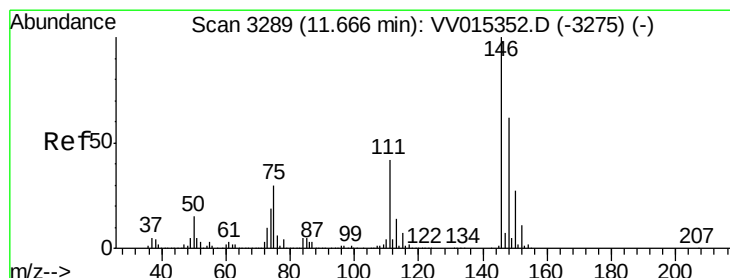
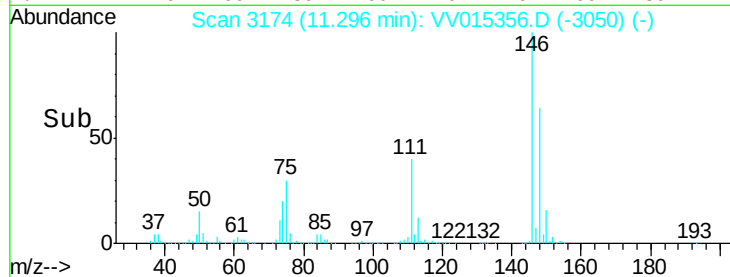
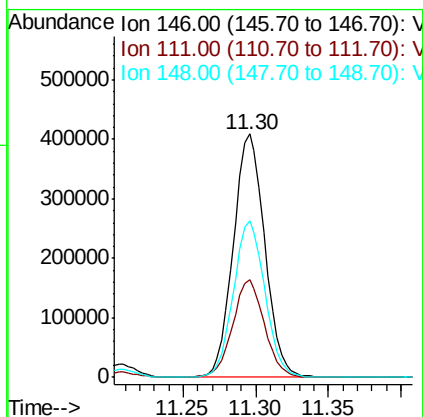
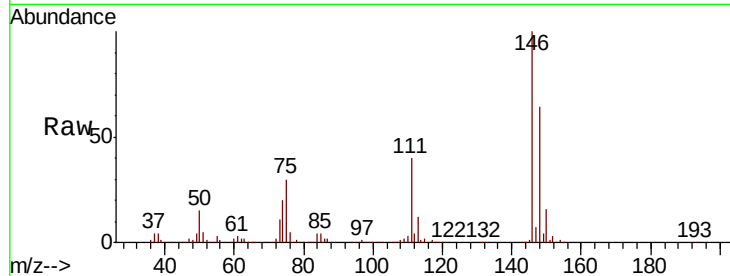




#63
 1,4-Dichlorobenzene
 Concen: 58.348 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015356.D
 Acq: 02 Apr 2020 03:49

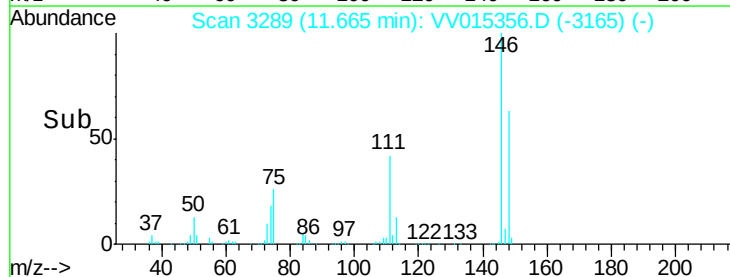
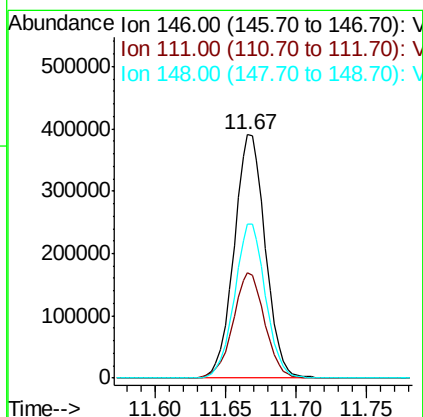
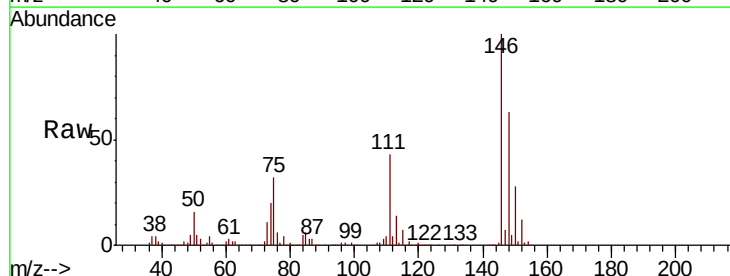
Instrument :
 MSVOA_V
 ClientSampled :

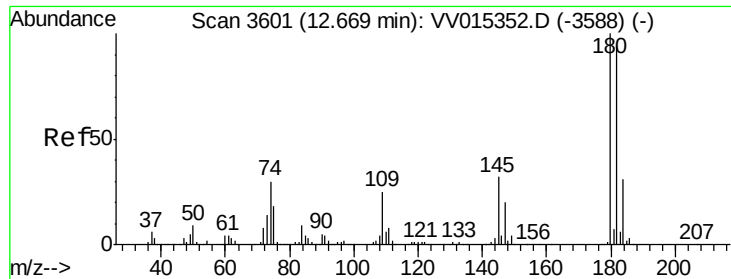
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	29.3	54.5
148	64.3	44.7	82.9



#65
 1,2-Dichlorobenzene
 Concen: 56.910 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015356.D
 Acq: 02 Apr 2020 03:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	35.1	52.7
148	63.0	51.0	76.4

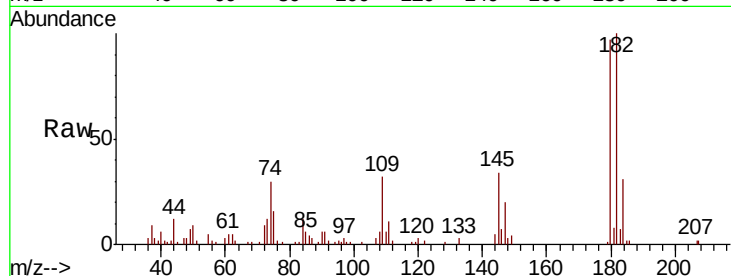




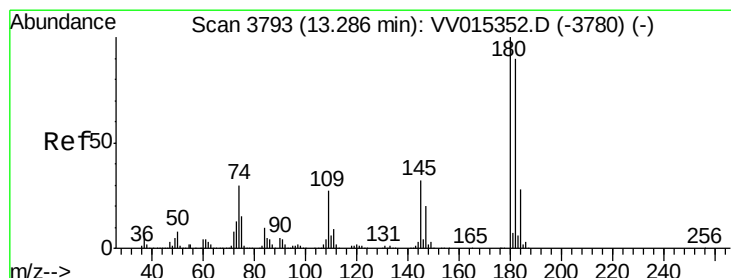
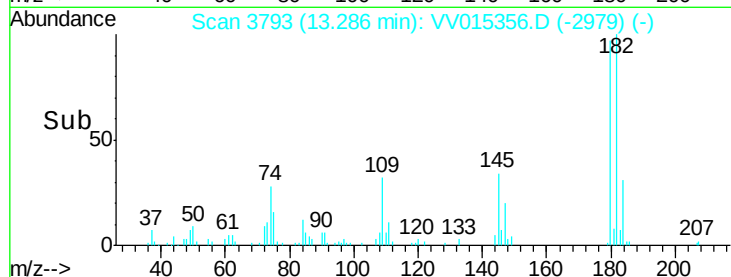
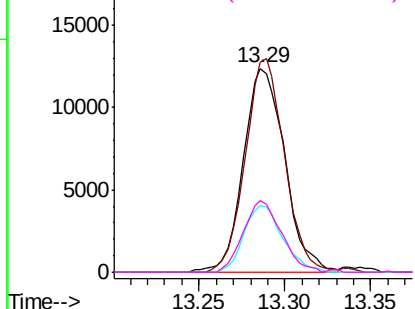
#67
 1,3,5-Trichlorobenzene
 Concen: 3.006 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015356.D
 Acq: 02 Apr 2020 03:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	180	Resp:	20735
Ion	Ratio	Lower	Upper
180	100		
182	98.6	74.7	112.1
184	30.5	23.7	35.5
145	32.2	26.8	40.2

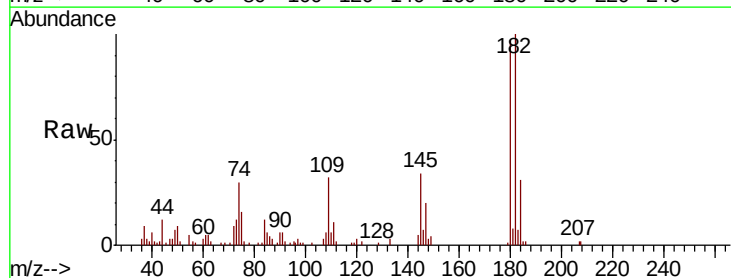


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

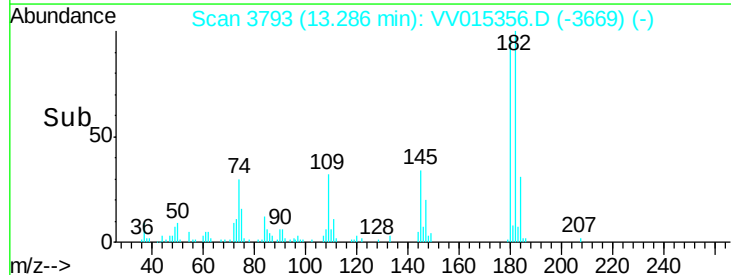
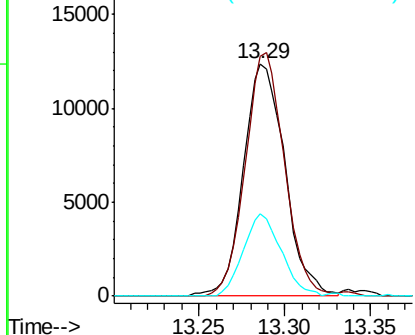


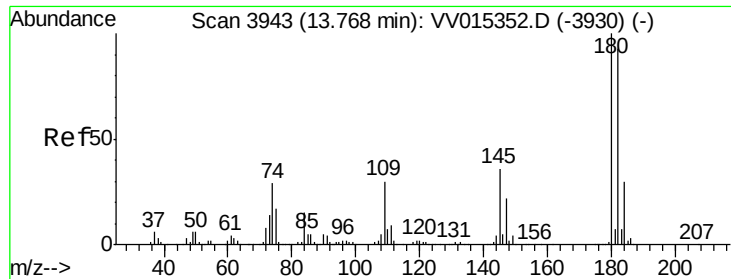
#68
 1,2,4-trichlorobenzene
 Concen: 3.291 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015356.D
 Acq: 02 Apr 2020 03:49

Tgt Ion:	180	Resp:	20735
Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.8	113.8
145	32.2	27.7	41.5



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

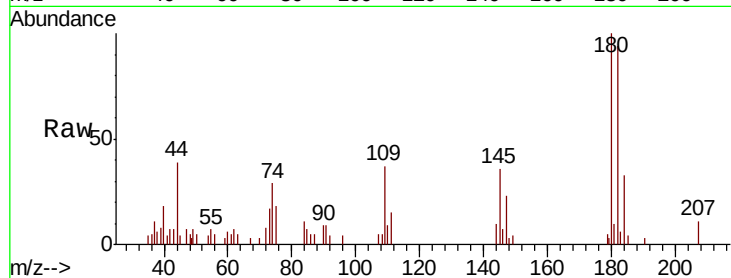




#70
 1,2,3-Trichlorobenzene
 Concen: 1.014 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015356.D
 Acq: 02 Apr 2020 03:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 6584
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.1 114.1
 145 38.8 28.2 42.4



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

