

Data File : VV015162.D
Acq On : 26 Mar 2020 02:35
Operator : SY/MD
Sample : L1968-15DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL5DL

Quant Time: Mar 26 04:26:31 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	574606	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	242877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205039	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.58	69	193654	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.12	63	336146	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.04%
21) 2-Butanone-d5	3.94	46	295329	93.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.67%
24) Chloroform-d	4.38	84	362087	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.06	65	242999	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.08	84	740061	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	235332	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	697178	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.64	79	111101	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
47) 2-Hexanone-d5	8.12	63	233430	91.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	334785	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	245125	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%

Target Compounds

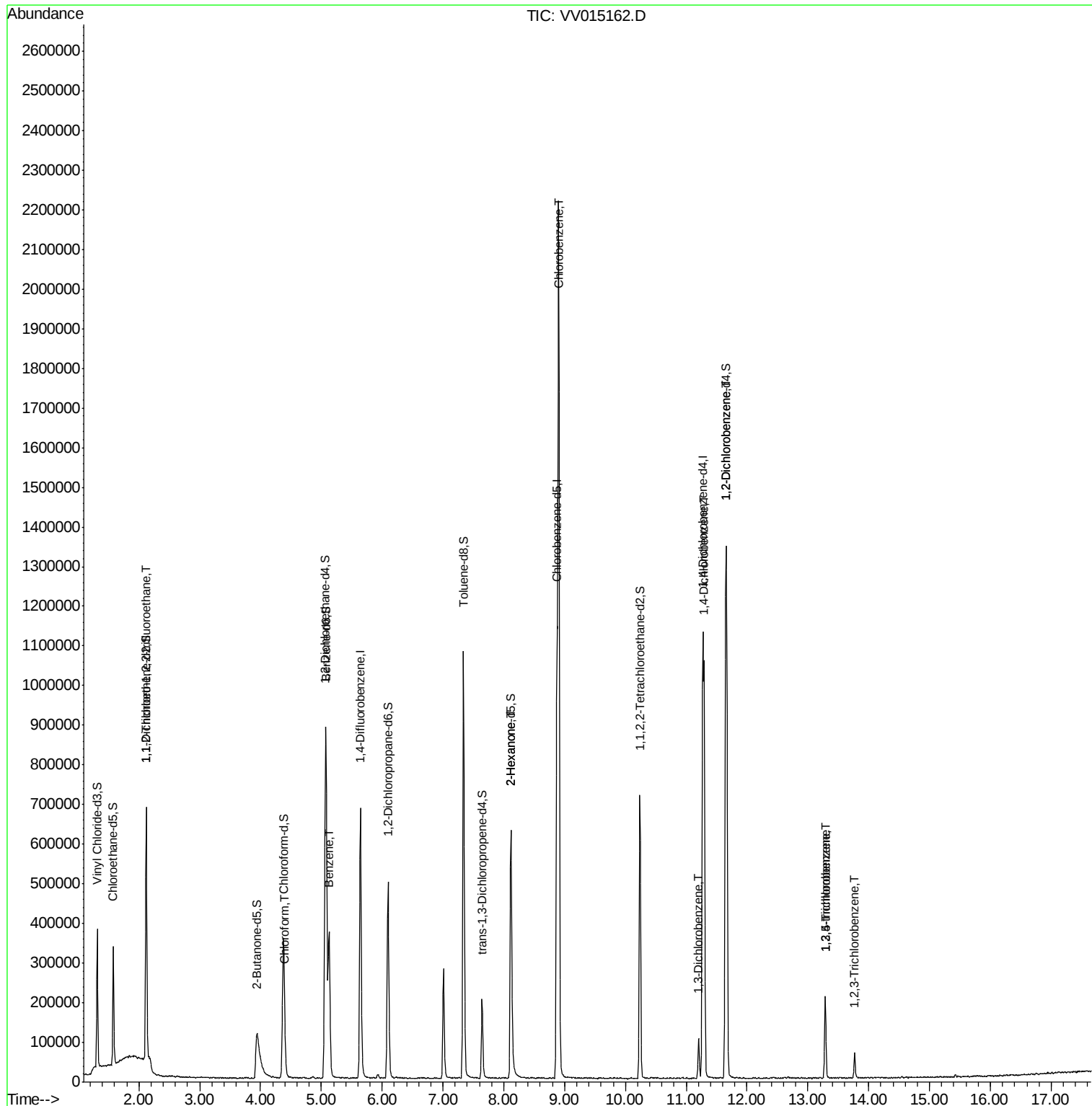
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2992	0.745	ug/L #	24
25) Chloroform	4.41	83	13236	2.029	ug/L	92
33) Benzene	5.13	78	368226	25.589	ug/L	100
48) 2-Hexanone	8.12	43	28045	6.683	ug/L #	80
51) Chlorobenzene	8.90	112	1125091	108.449	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	37147	5.222	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	349638	48.245	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	365053	50.864	ug/L	98
67) 1,3,5-Trichlorobenzene	13.29	180	52616	10.976	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	52616	11.658	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	15870	3.538	ug/L	97

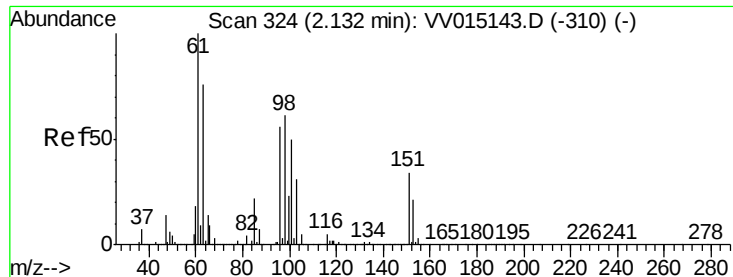
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.745 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

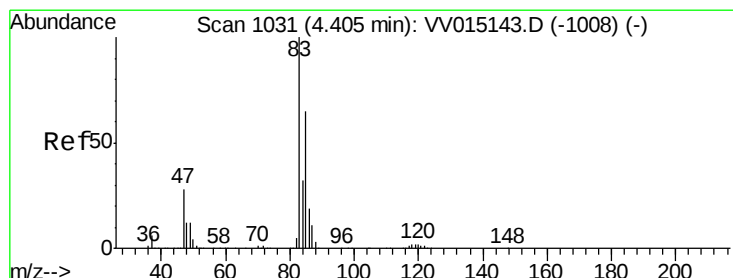
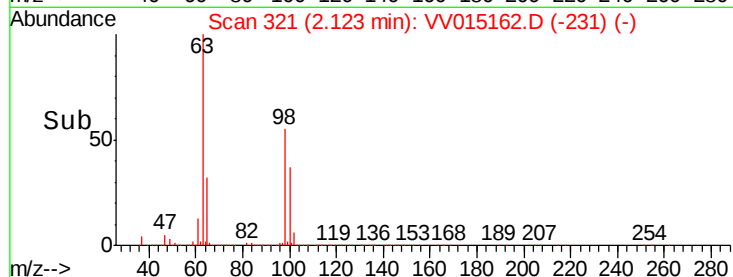
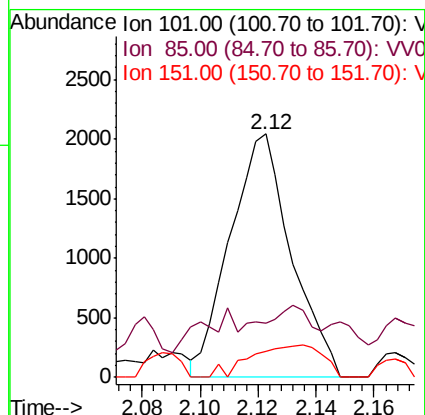
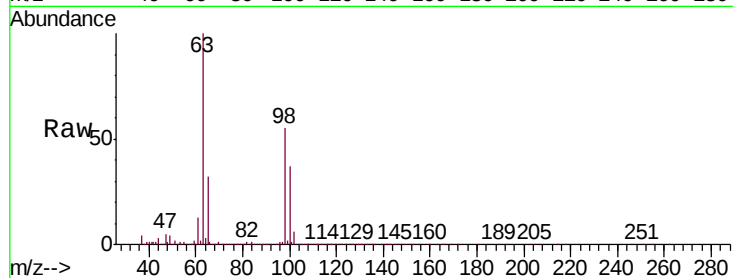
Instrument :

MSVOA_V

ClientSampleId :

C0DL5DL

Tgt Ion:	101	Resp:	2992
Ion	Ratio	Lower	Upper
101	100		
85	5.0	36.0	54.0#
151	0.0	56.2	84.2#



#25

Chloroform

Concen: 2.029 ug/L

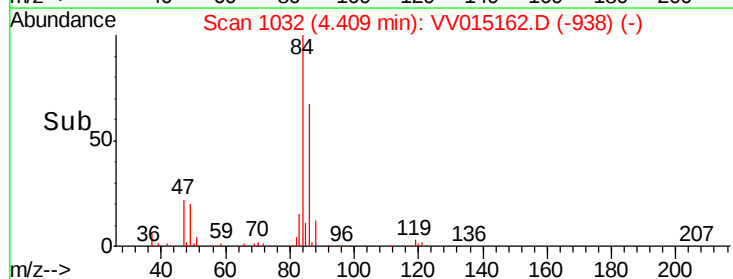
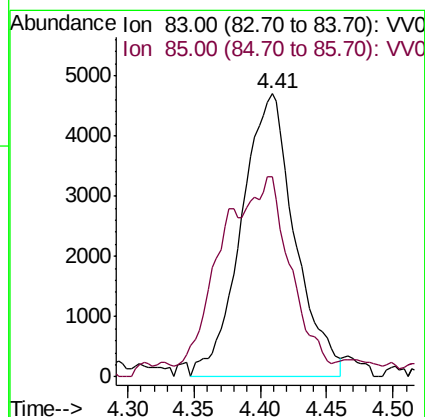
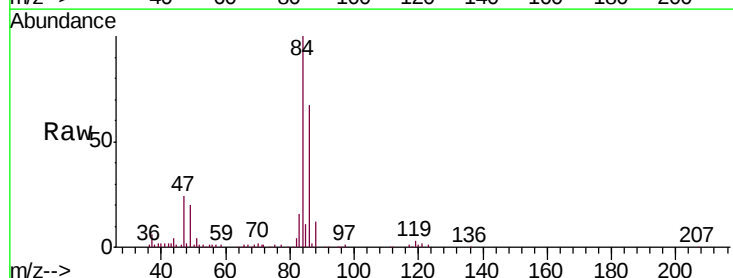
RT: 4.41 min Scan# 1032

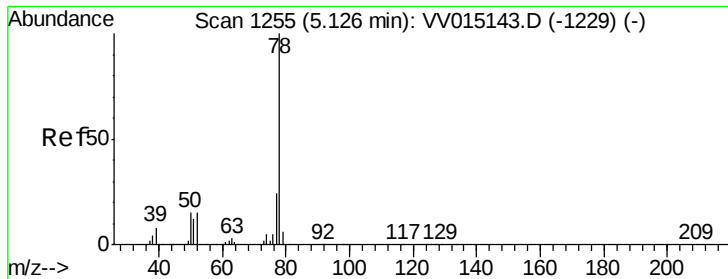
Delta R.T. 0.00 min

Lab File: VV015162.D

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Tgt Ion:	83	Resp:	13236
Ion	Ratio	Lower	Upper
83	100		
85	70.6	44.8	83.2

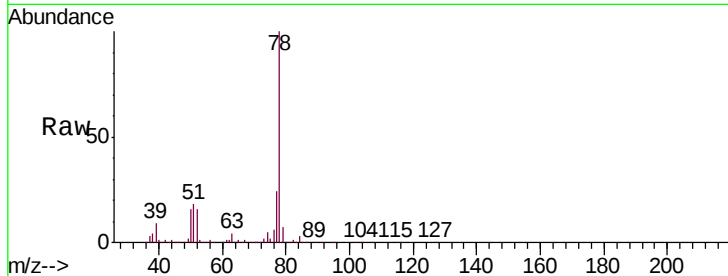




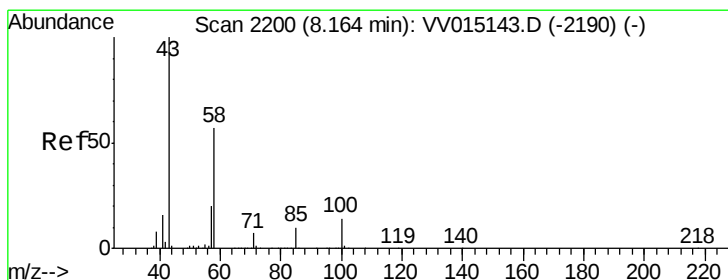
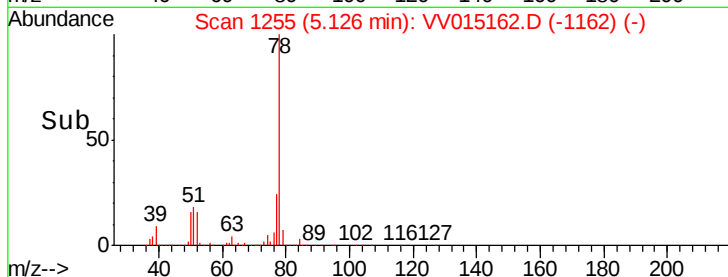
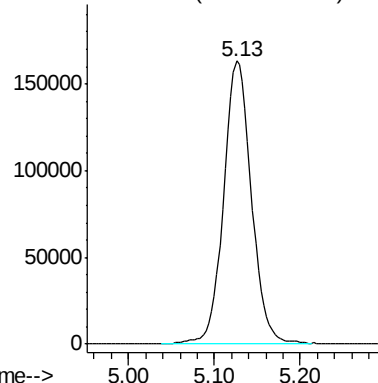
#33
Benzene
Concen: 25.589 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015162.D
Acq: 26 Mar 2020 02:35

Instrument :
MSVOA_V
ClientSampleId :
C0DL5DL

Tgt Ion: 78 Resp: 368226

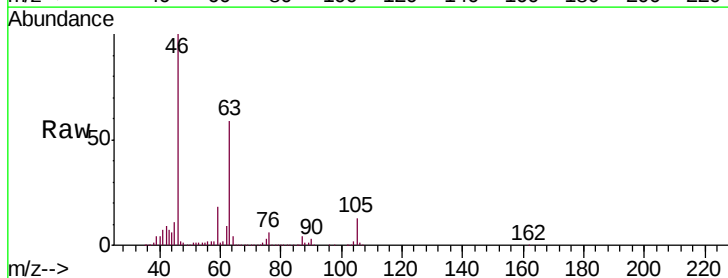


Abundance Ion 78.00 (77.70 to 78.70): VV0



#48
2-Hexanone
Concen: 6.683 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015162.D
Acq: 26 Mar 2020 02:35

Tgt Ion: 43 Resp: 28045
Ion Ratio Lower Upper
43 100
58 43.0 47.0 70.6#
57 24.3 16.5 24.7
100 0.0 10.9 16.3#

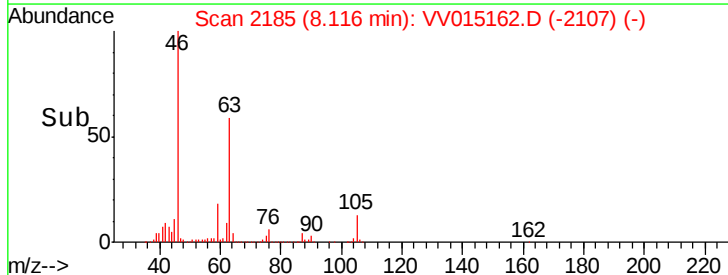
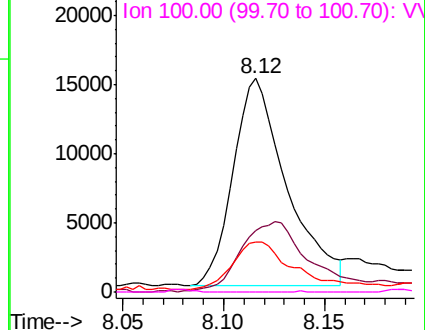


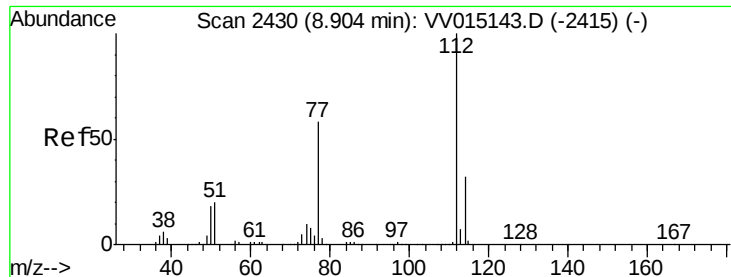
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 108.449 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL5DL

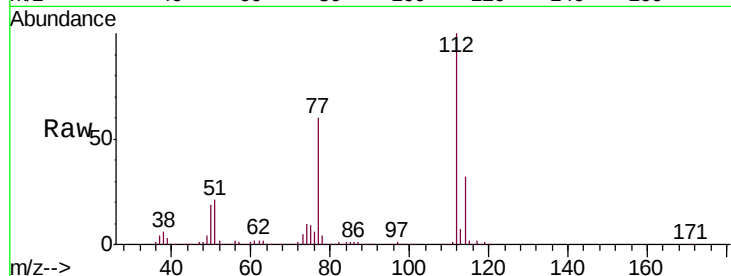
Tgt Ion:112 Resp: 1125091

Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

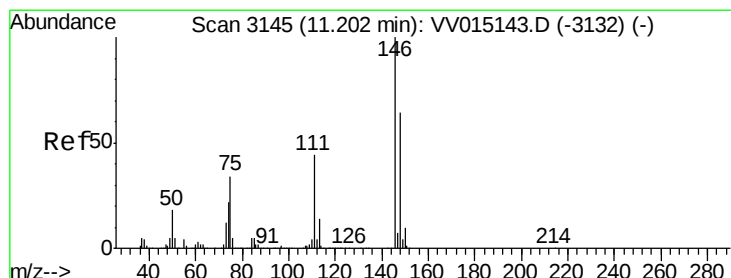
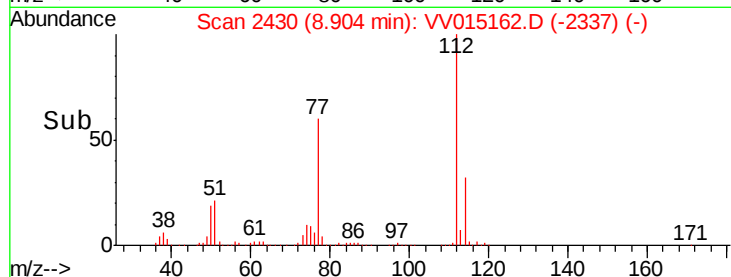
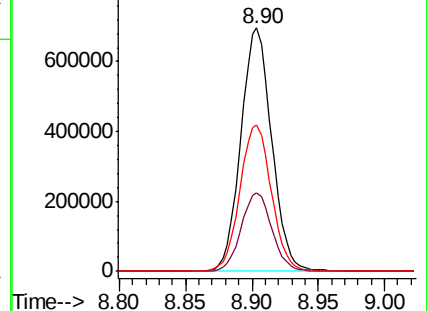
77 60.0 47.2 70.8



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): V



#62

1,3-Dichlorobenzene

Concen: 5.222 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

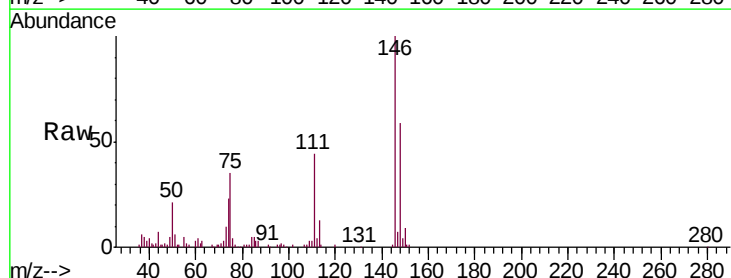
Tgt Ion:146 Resp: 37147

Ion Ratio Lower Upper

146 100

111 43.9 29.3 54.5

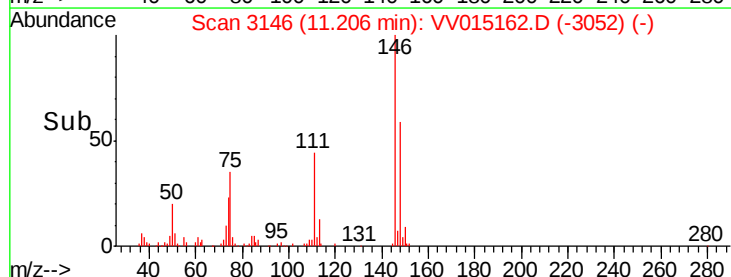
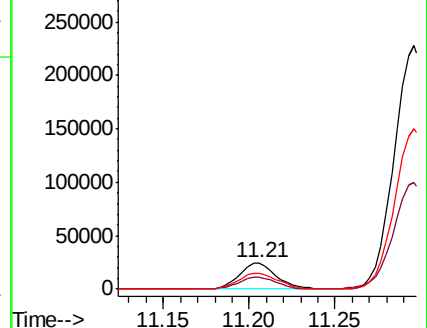
148 59.1 44.7 82.9

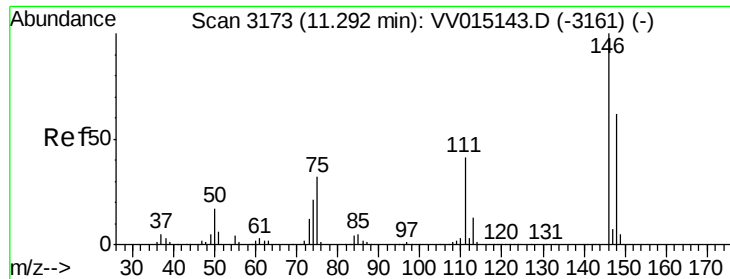


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 48.245 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

Instrument :

MSVOA_V

ClientSampled :

C0DL5DL

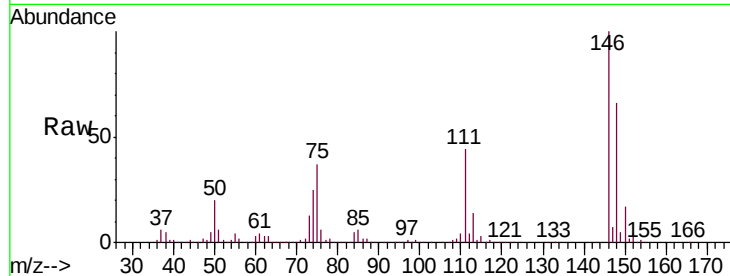
Tgt Ion:146 Resp: 349638

Ion Ratio Lower Upper

146 100

111 43.7 28.4 52.8

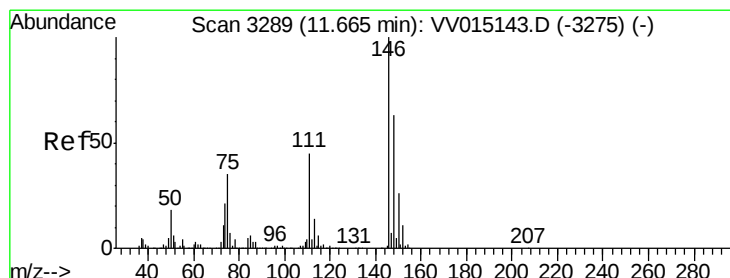
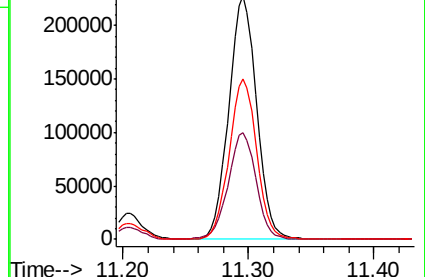
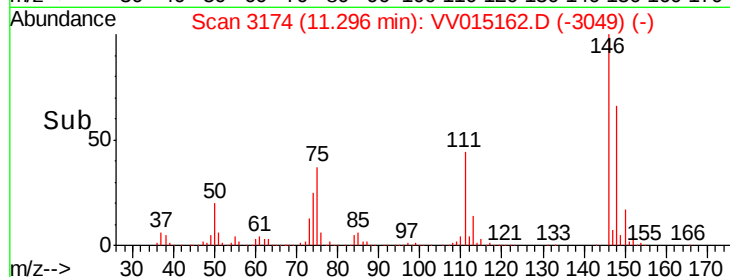
148 65.7 44.0 81.8



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: 50.864 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

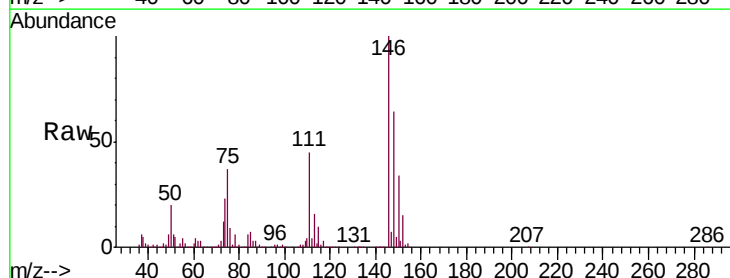
Tgt Ion:146 Resp: 365053

Ion Ratio Lower Upper

146 100

111 45.1 35.4 53.2

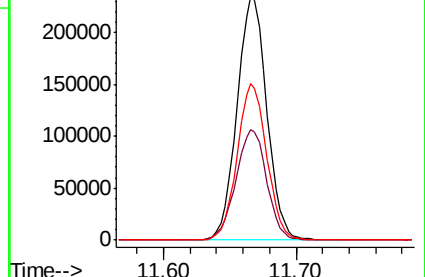
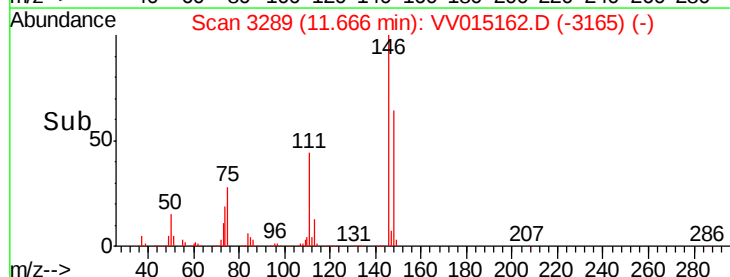
148 64.4 49.7 74.5

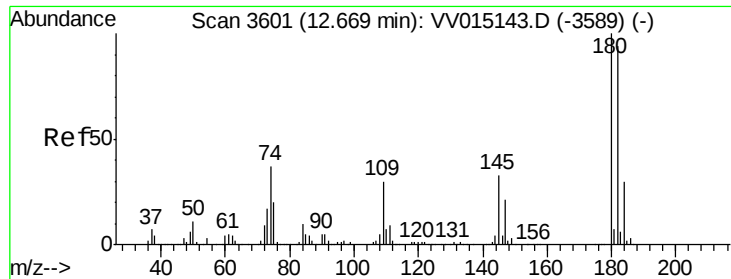


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

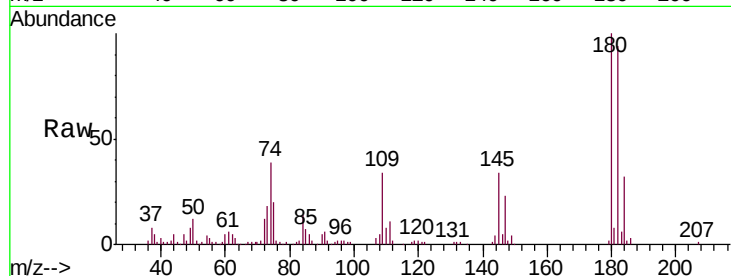




#67
 1,3,5-Trichlorobenzene
 Concen: 10.976 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015162.D
 Acq: 26 Mar 2020 02:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL5DL

Tgt Ion:	180	Resp:	52616
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.1	114.1
184	32.9	24.4	36.6
145	35.3	26.7	40.1



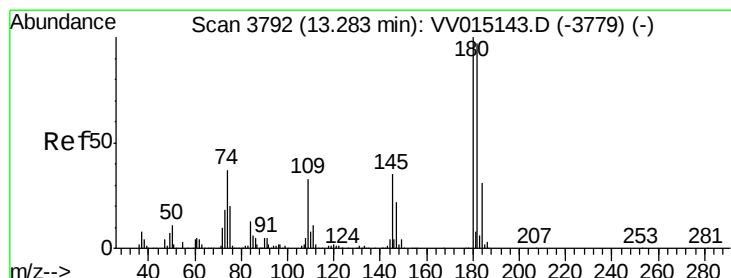
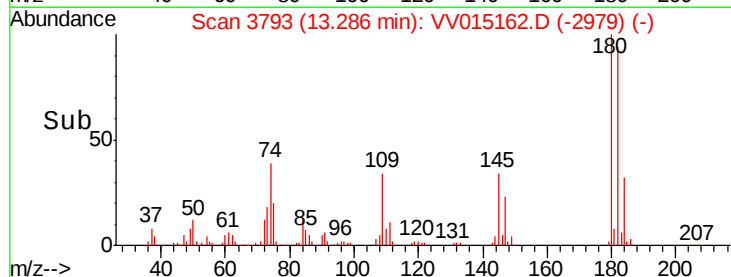
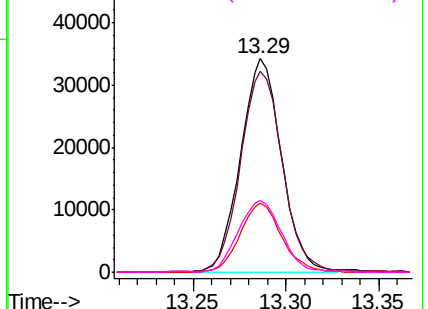
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

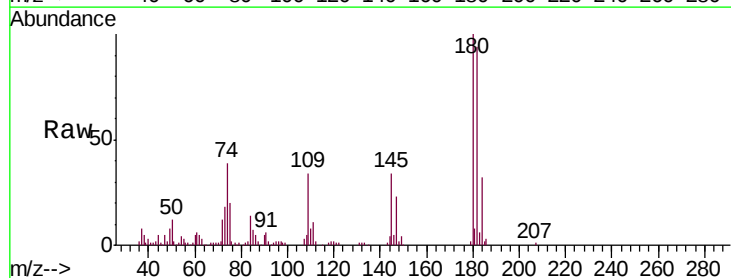
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 11.658 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015162.D
 Acq: 26 Mar 2020 02:35

Tgt Ion:	180	Resp:	52616
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.1	114.1
145	35.3	26.6	40.0

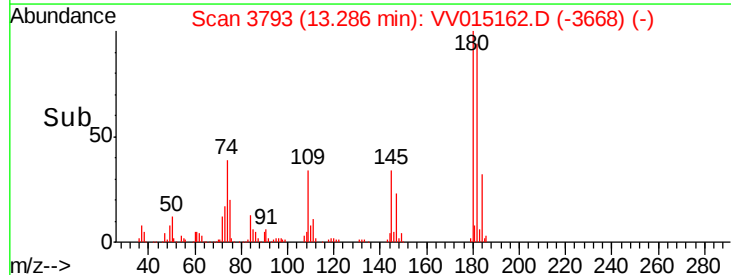
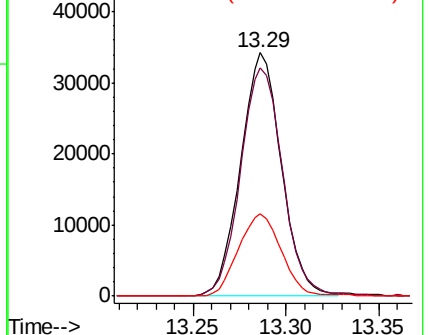


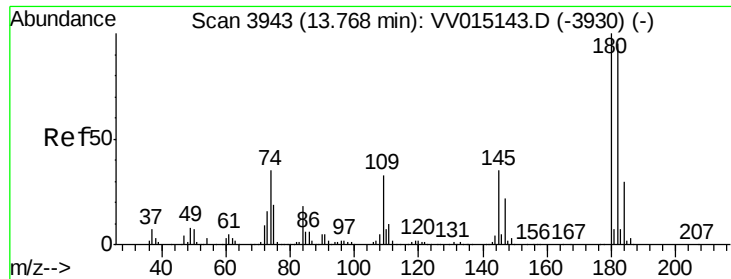
Abundance

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: 3.538 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015162.D
 Acq: 26 Mar 2020 02:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL5DL

Tgt Ion:180 Resp: 15870
 Ion Ratio Lower Upper
 180 100
 182 91.4 76.3 114.5
 145 37.8 29.6 44.4

