

Data File : VV015149.D
Acq On : 25 Mar 2020 21:20
Operator : SY/MD
Sample : L1968-01DL 400X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DC7DL

Quant Time: Mar 26 02:04:36 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	603445	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	570254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	249245	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209388	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	199698	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.38%
11) 1,1-Dichloroethene-d2	2.12	63	343957	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.94	46	319087	96.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.37%
24) Chloroform-d	4.38	84	367341	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
26) 1,2-Dichloroethane-d4	5.06	65	252443	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.08	84	757079	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.10	67	243516	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.34	98	713936	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.64	79	114045	39.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.80%
47) 2-Hexanone-d5	8.12	63	246966	94.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	345477	44.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	248095	44.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

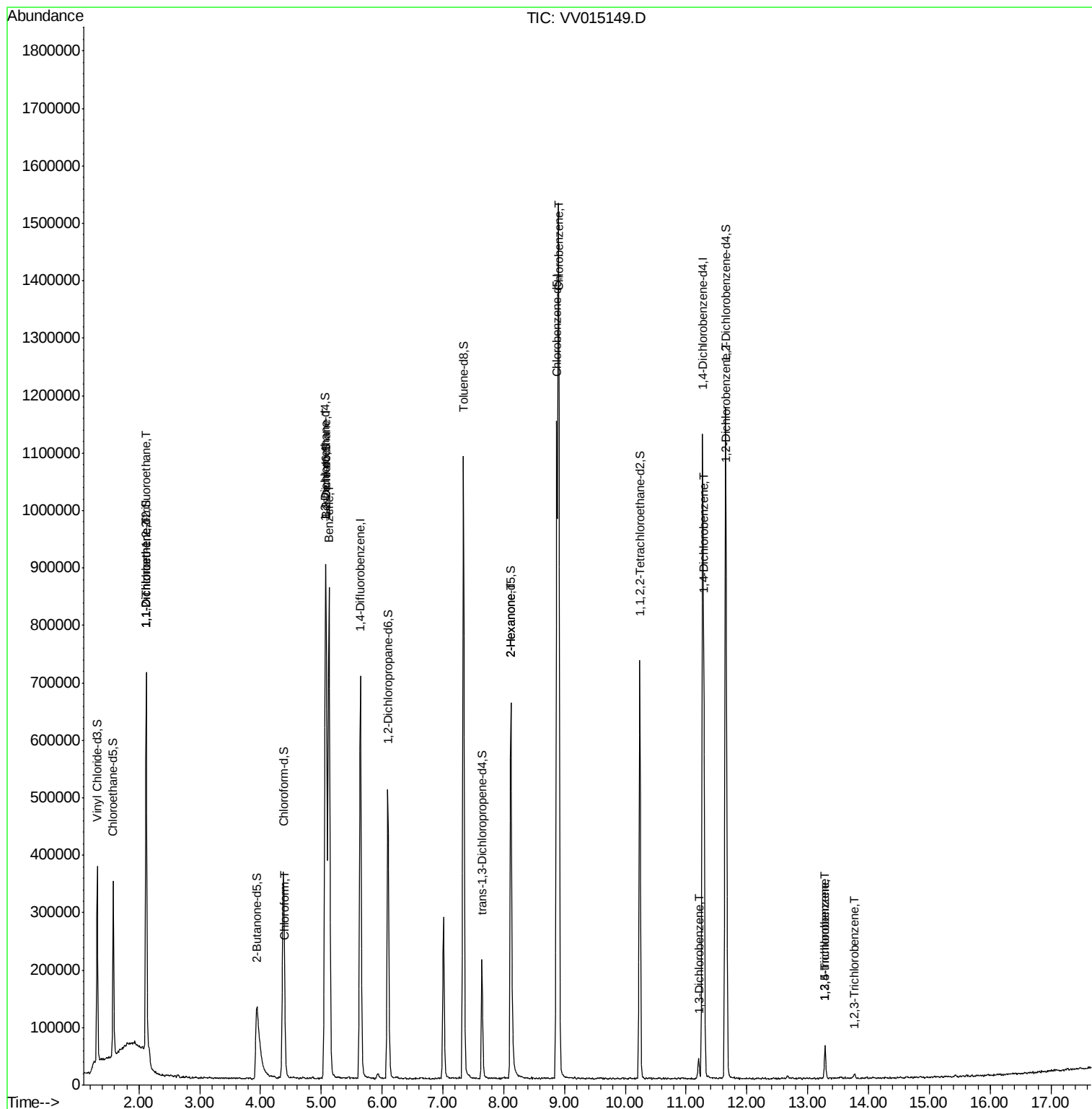
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3734	0.886	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	3099	0.763	ug/L #	1
25) Chloroform	4.41	83	6996	1.021	ug/L	86
27) 1,2-Dichloroethane	5.08	62	4863	0.916	ug/L	100
33) Benzene	5.13	78	856628	58.374	ug/L	100
48) 2-Hexanone	8.11	43	28172	6.583	ug/L #	80
51) Chlorobenzene	8.90	112	764248	72.238	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	13020	1.784	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	217300	29.218	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	157069	21.326	ug/L	96
67) 1,3,5-Trichlorobenzene	13.29	180	13958	2.837	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	13958	3.013	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	2042	0.444	ug/L	96

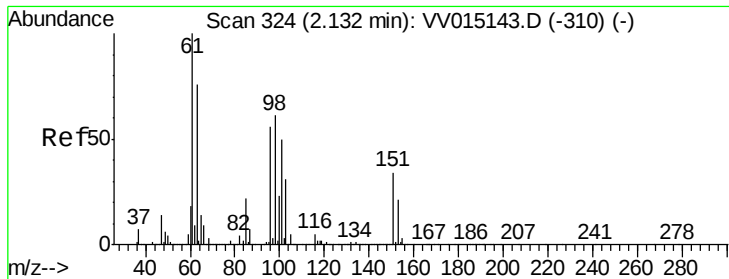
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.886 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015149.D

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Instrument :

MSVOA_V

ClientSampleId :

C0DC7DL

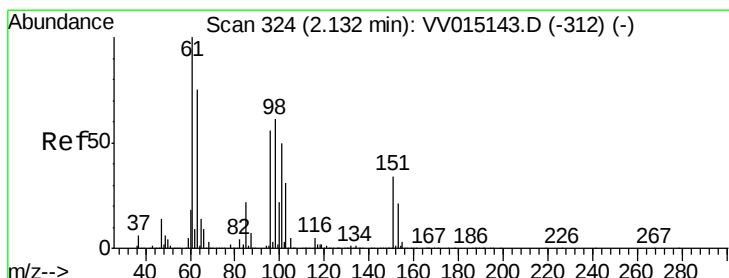
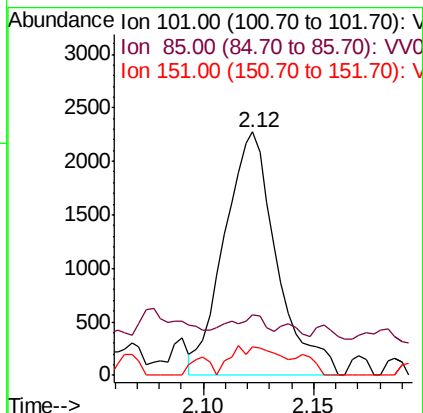
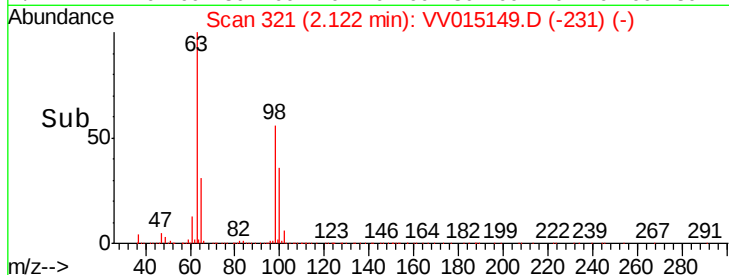
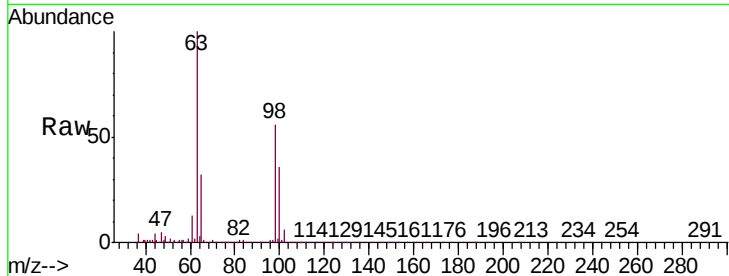
Tgt Ion: 101 Resp: 3734

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

151 6.6 56.2 84.2#



#12

1,1-Dichloroethene

Concen: 0.763 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV015149.D

Acq: 25 Mar 2020 21:20

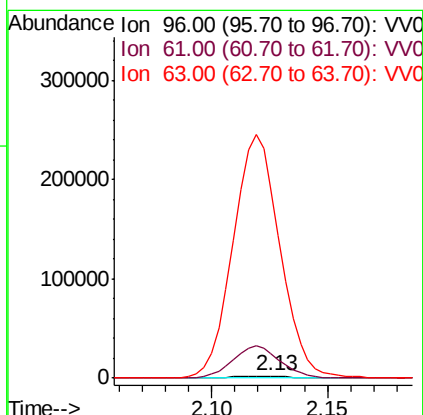
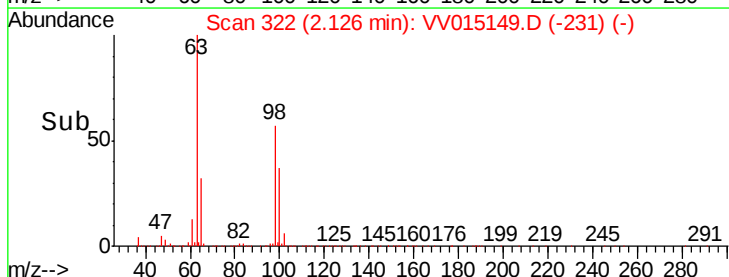
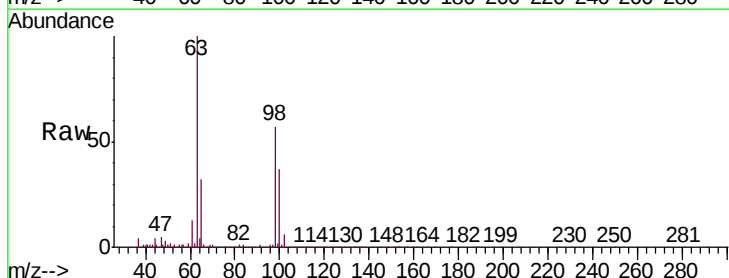
Tgt Ion: 96 Resp: 3099

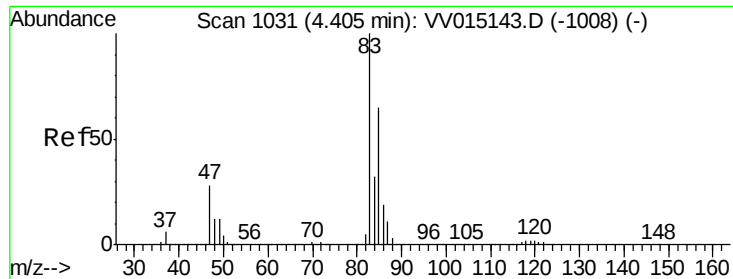
Ion Ratio Lower Upper

96 100

61 1176.1 128.6 238.8#

63 9112.1 97.5 181.1#

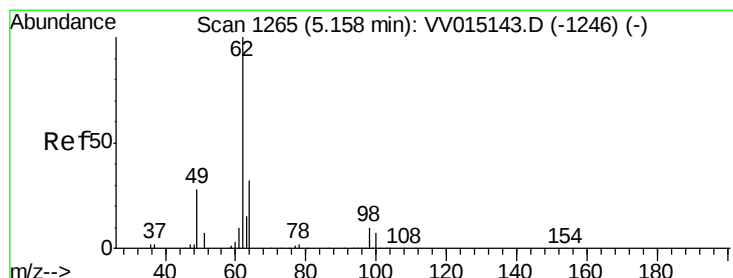
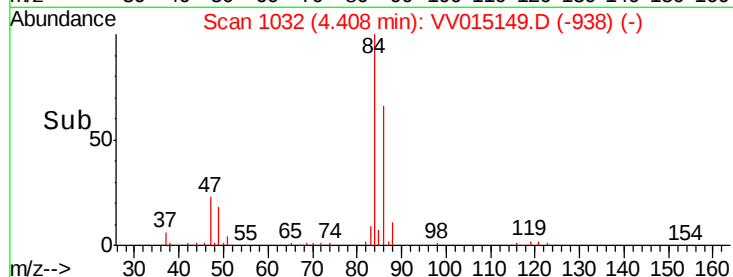
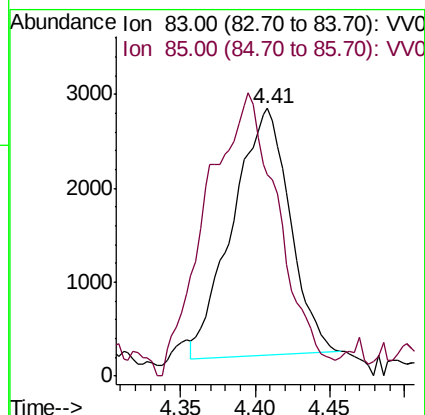
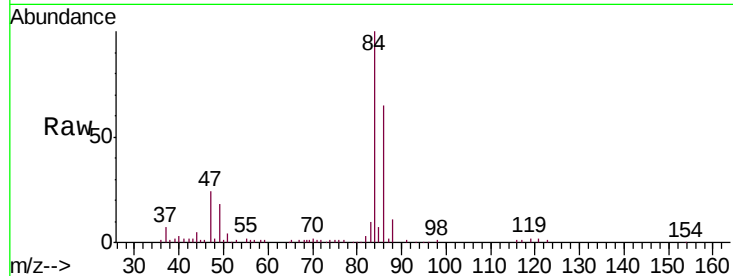




#25
Chloroform
Concen: 1.021 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV015149.D
Acq: 25 Mar 2020 21:20

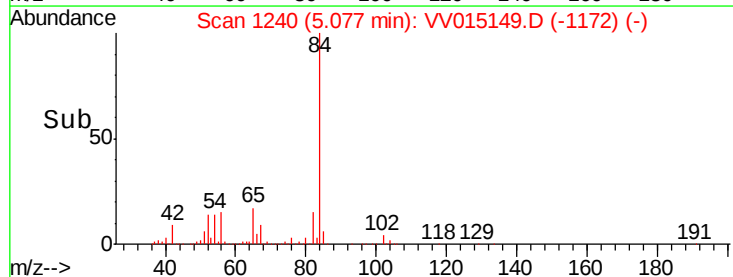
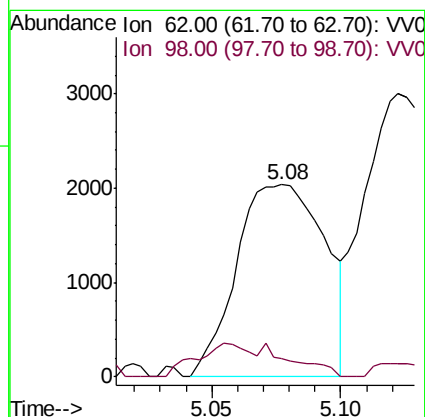
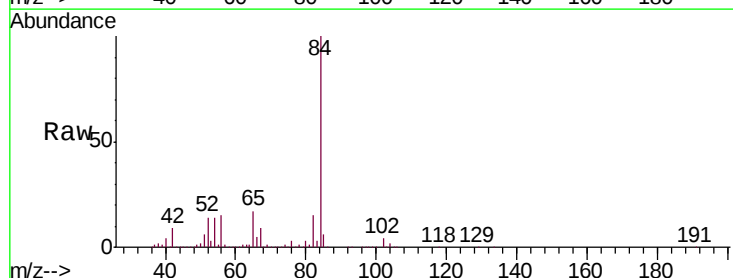
Instrument :
MSVOA_V
ClientSampleId :
C0DC7DL

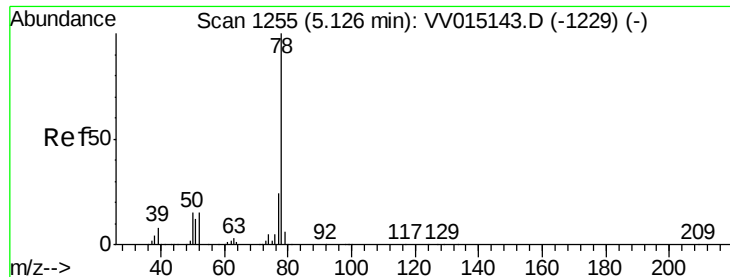
Tgt Ion: 83 Resp: 6996
Ion Ratio Lower Upper
83 100
85 75.1 44.8 83.2



#27
1,2-Dichloroethane
Concen: 0.916 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015149.D
Acq: 25 Mar 2020 21:20

Tgt Ion: 62 Resp: 4863
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3





#33

Benzene

Concen: 58.374 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV015149.D

Acq: 25 Mar 2020 21:20

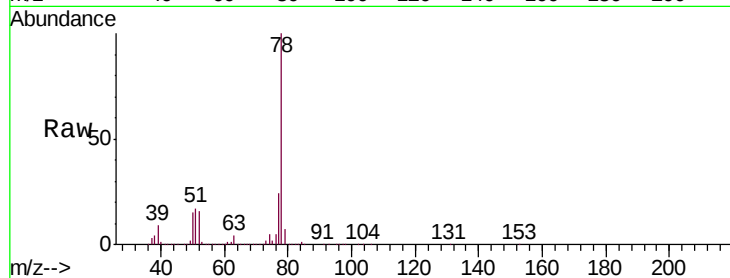
Instrument :

MSVOA_V

ClientSampleId :

C0DC7DL

Tgt Ion: 78 Resp: 856628



Abundance Ion 78.00 (77.70 to 78.70): VV0

5.13

400000

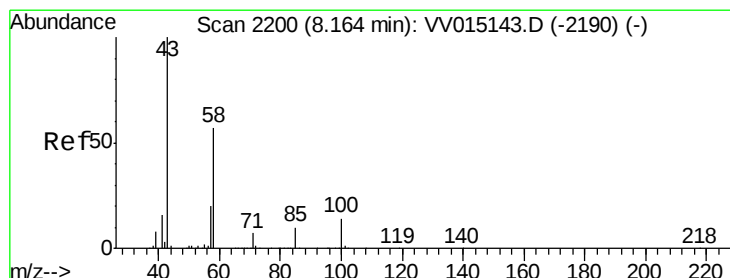
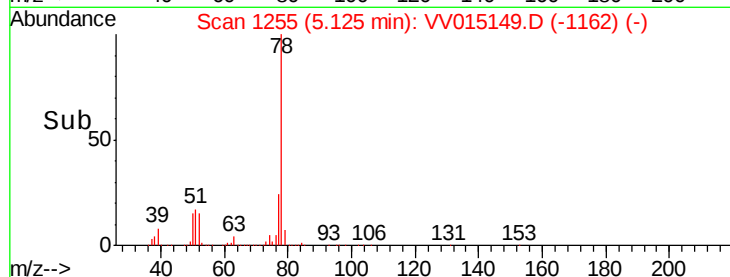
300000

200000

100000

0

Time--> 5.00 5.10 5.20



#48

2-Hexanone

Concen: 6.583 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015149.D

Acq: 25 Mar 2020 21:20

Tgt Ion: 43 Resp: 28172

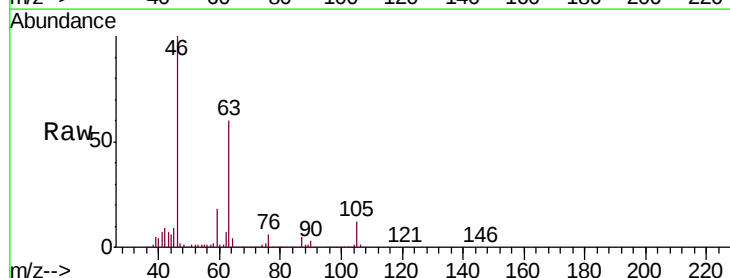
Ion Ratio Lower Upper

43 100

58 42.8 47.0 70.6#

57 23.5 16.5 24.7

100 0.3 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

20000

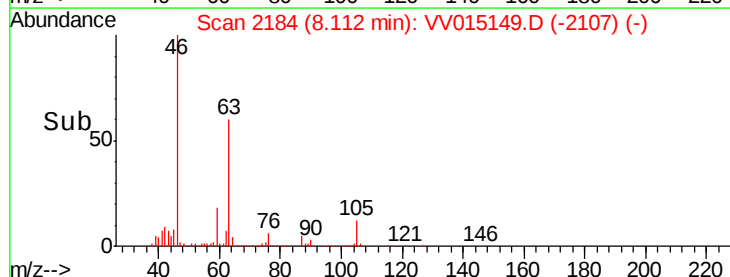
15000

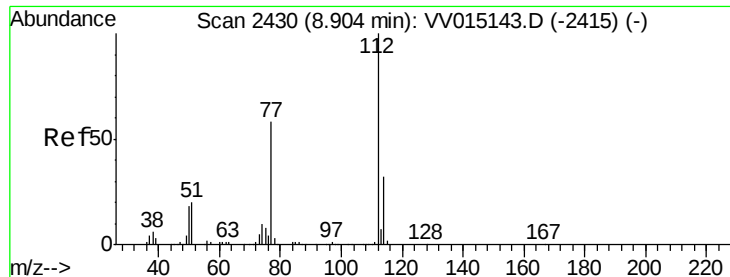
10000

5000

0

Time--> 8.05 8.10 8.15

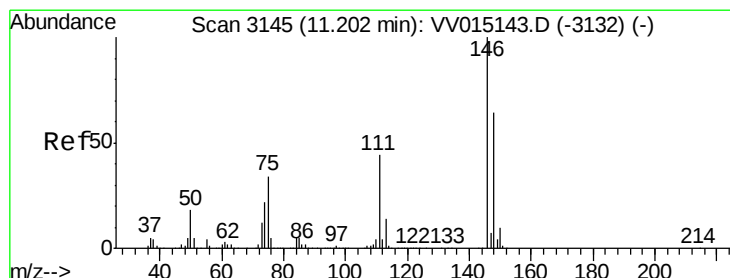
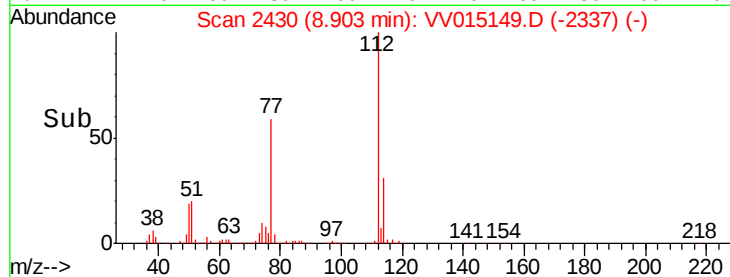
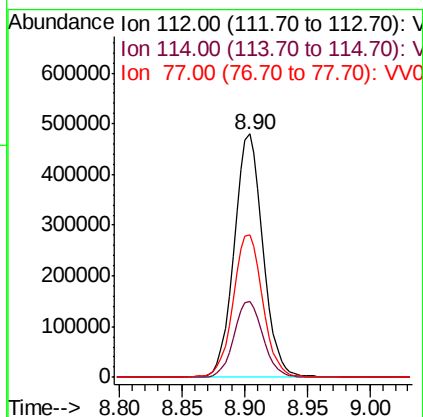
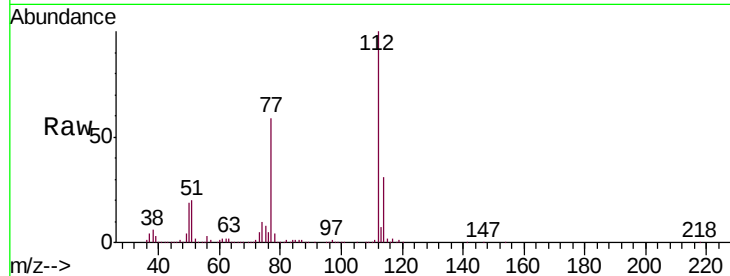




#51
Chlorobenzene
Concen: 72.238 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015149.D
Acq: 25 Mar 2020 21:20

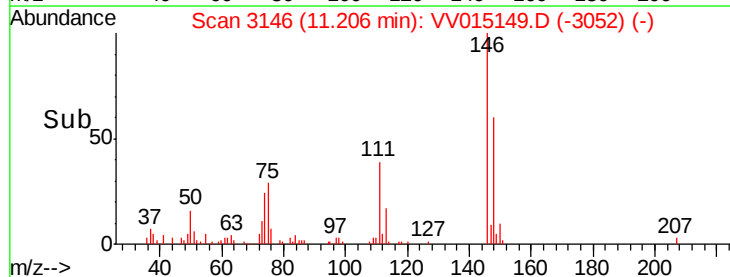
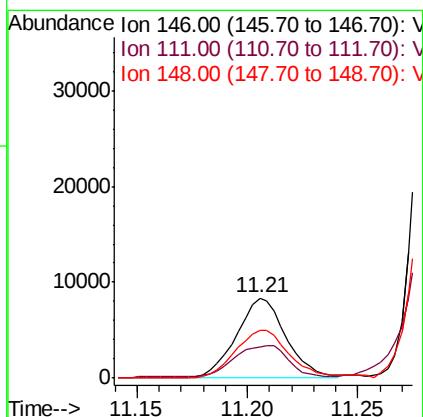
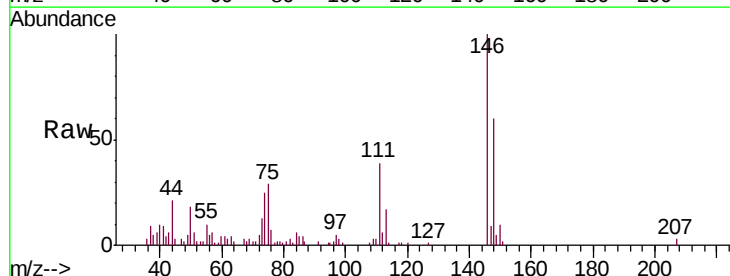
Instrument :
MSVOA_V
ClientSampleId :
C0DC7DL

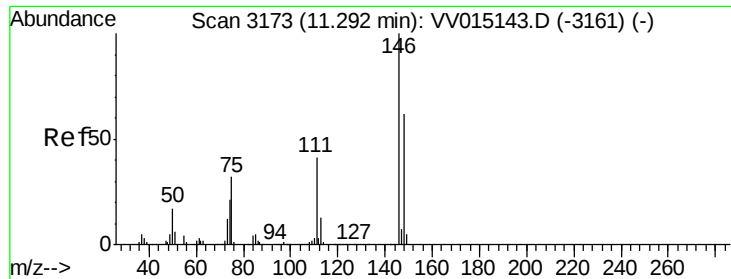
Tgt Ion:112 Resp: 764248
Ion Ratio Lower Upper
112 100
114 31.2 22.0 40.8
77 58.5 47.2 70.8



#62
1,3-Dichlorobenzene
Concen: 1.784 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV015149.D
Acq: 25 Mar 2020 21:20

Tgt Ion:146 Resp: 13020
Ion Ratio Lower Upper
146 100
111 38.9 29.3 54.5
148 59.8 44.7 82.9

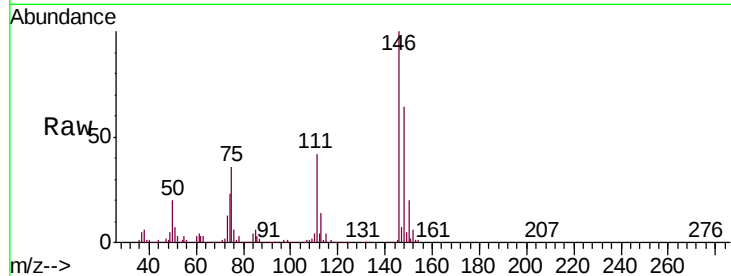




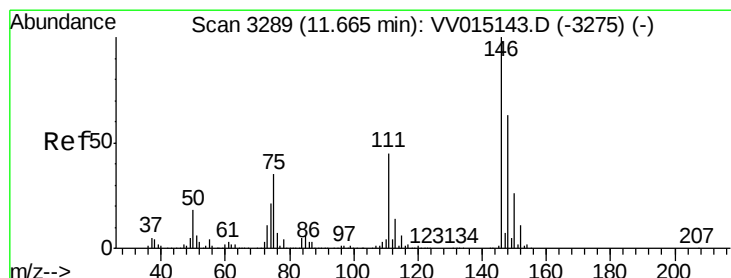
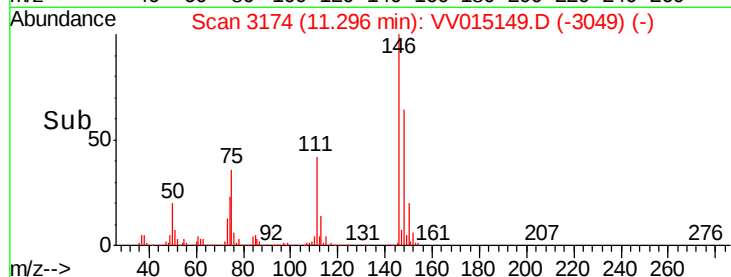
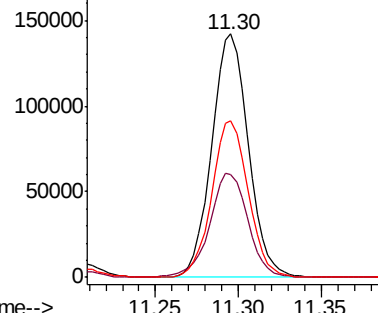
#63
 1,4-Dichlorobenzene
 Concen: 29.218 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015149.D
 Acq: 25 Mar 2020 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC7DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	28.4	52.8
148	64.2	44.0	81.8

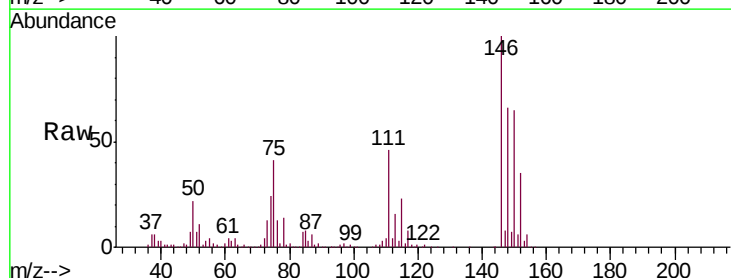


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

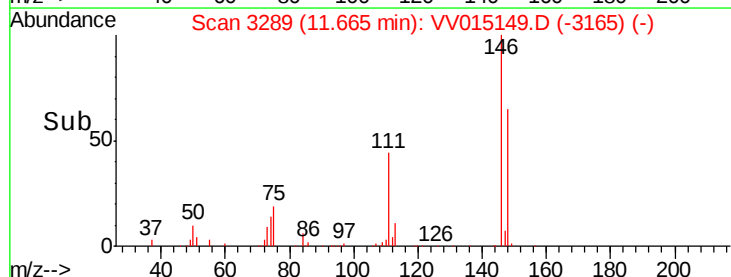
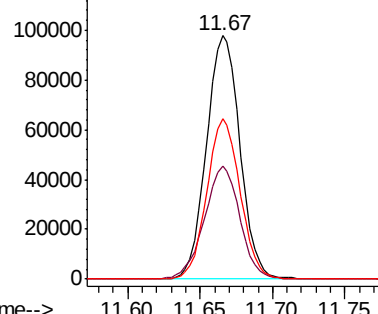


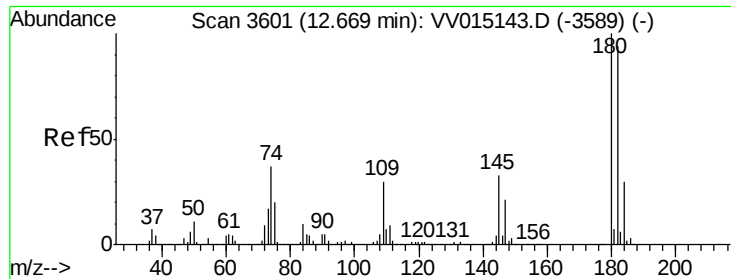
#65
 1,2-Dichlorobenzene
 Concen: 21.326 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015149.D
 Acq: 25 Mar 2020 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	35.4	53.2
148	65.8	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

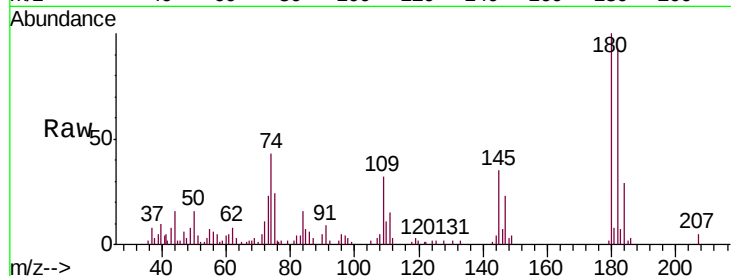




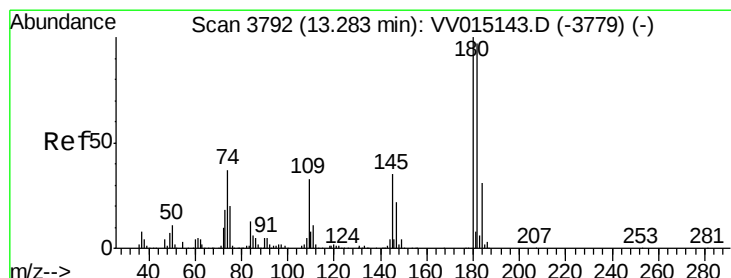
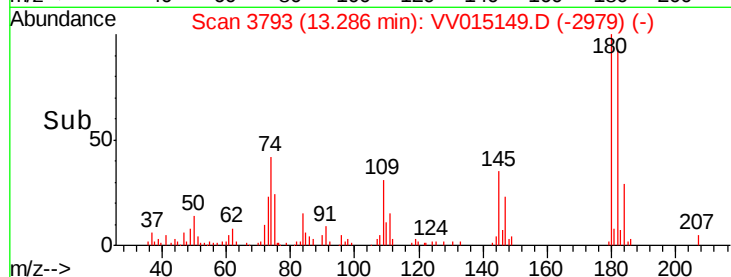
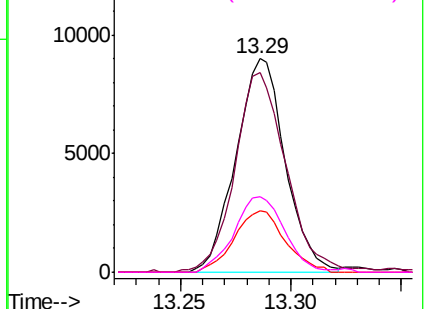
#67
 1,3,5-Trichlorobenzene
 Concen: 2.837 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015149.D
 Acq: 25 Mar 2020 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC7DL

Tgt Ion:	180	Resp:	13958
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
184	30.0	24.4	36.6
145	36.1	26.7	40.1

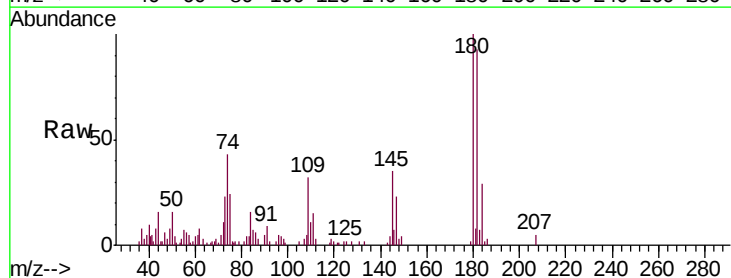


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

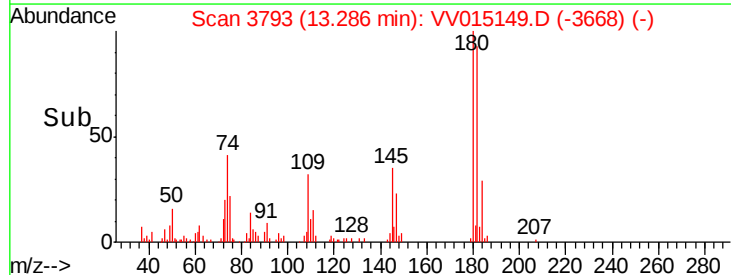
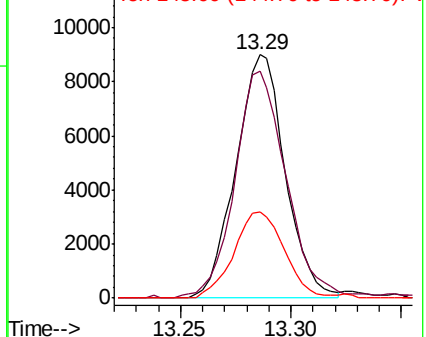


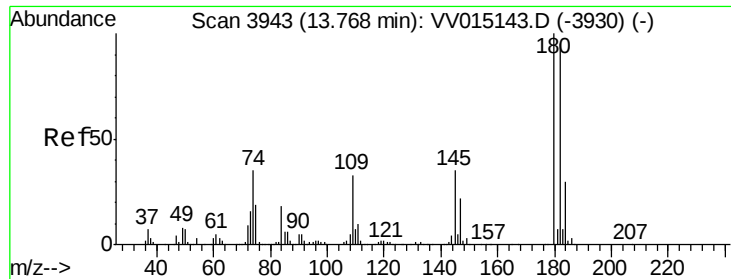
#68
 1,2,4-trichlorobenzene
 Concen: 3.013 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015149.D
 Acq: 25 Mar 2020 21:20

Tgt Ion:	180	Resp:	13958
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
145	36.1	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: 0.444 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015149.D
 Acq: 25 Mar 2020 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC7DL

Tgt Ion:180 Resp: 2042
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.3 114.5
 145 29.7 29.6 44.4

