

Data File : VV015026.D
Acq On : 18 Mar 2020 20:24
Operator : SY/MD
Sample : L1890-18DL1000X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DH5DL

Quant Time: Mar 19 04:10:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86066	53.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.72%
7) Chloroethane-d5	1.58	69	67137	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.16%
11) 1,1-Dichloroethene-d2	2.12	63	105684	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	3.93	46	107012	98.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.38	84	204350	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
26) 1,2-Dichloroethane-d4	5.06	65	133179	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.08	84	413942	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.10	67	121539	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.38%
41) Toluene-d8	7.34	98	401792	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%
43) trans-1,3-Dichloropropene-	7.64	79	60887	49.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.70%
47) 2-Hexanone-d5	8.12	63	116188	110.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	179991	52.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	172981	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

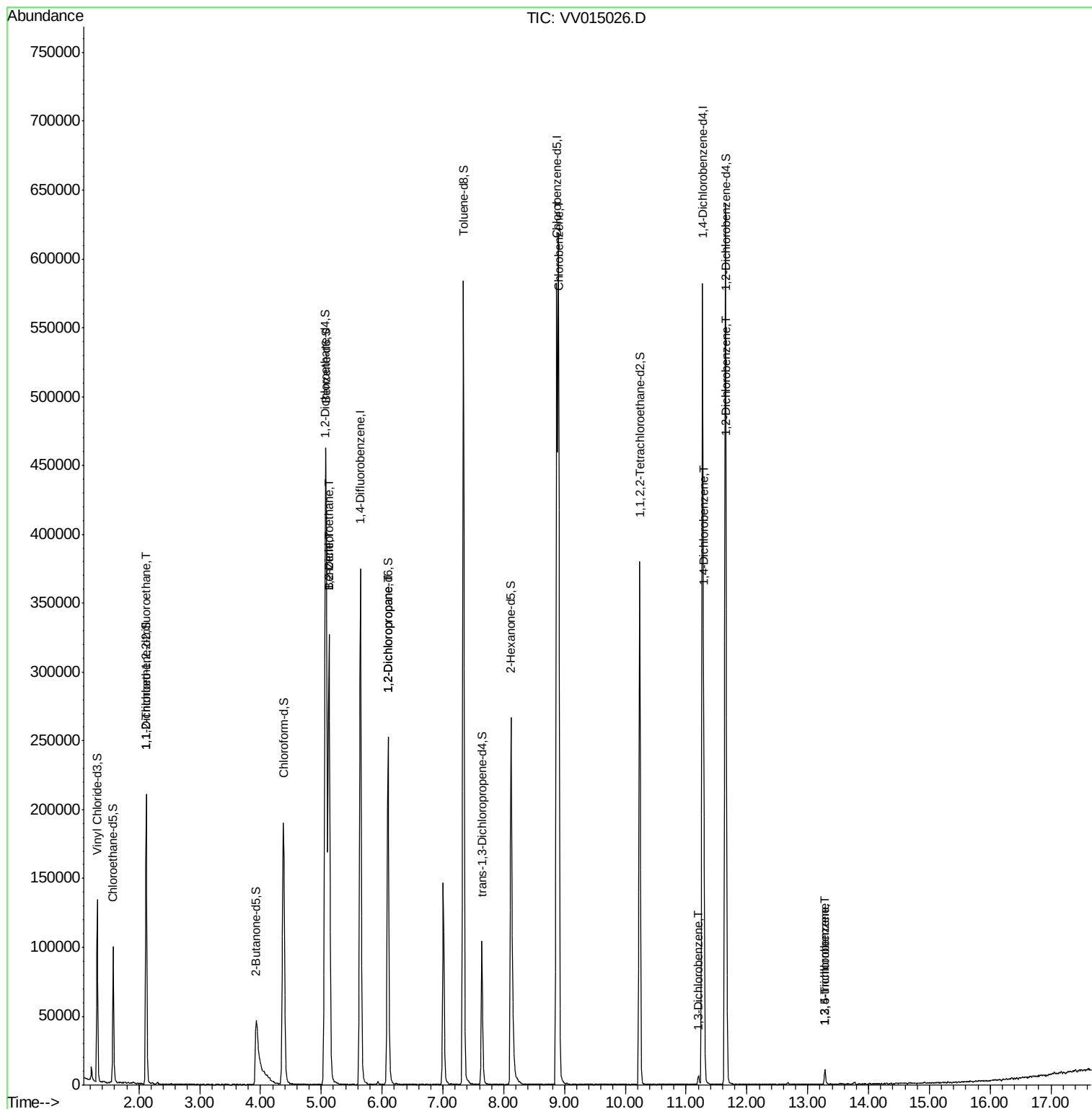
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1154	0.785 ug/L #	18
27) 1,2-Dichloroethane	5.13	62	3200	1.067 ug/L #	73
33) Benzene	5.13	78	339171	42.102 ug/L	100
37) 1,2-Dichloropropane	6.10	63	14292	7.336 ug/L #	84
51) Chlorobenzene	8.90	112	331528	51.776 ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	3545	0.728 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	77931	15.373 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	52949	10.236 ug/L	96
67) 1,3,5-Trichlorobenzene	13.28	180	4250	1.103 ug/L	95
68) 1,2,4-trichlorobenzene	13.28	180	4250	1.198 ug/L	95

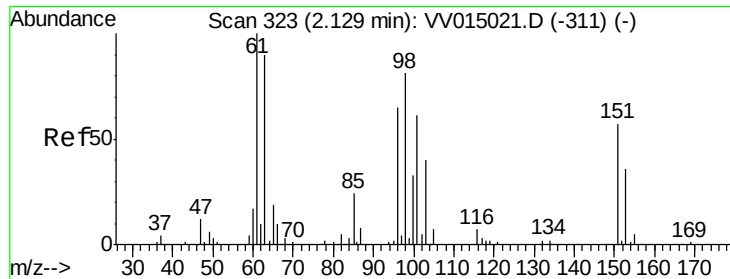
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.785 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015026.D

Acq: 18 Mar 2020 20:24

Instrument :

MSVOA_V

ClientSampleId :

C0DH5DL

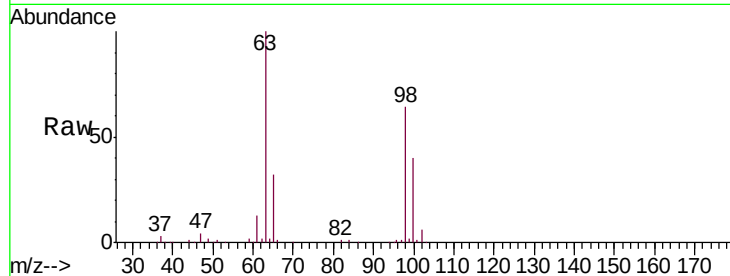
Tgt Ion:101 Resp: 1154

Ion Ratio Lower Upper

101 100

85 8.9 33.2 49.8#

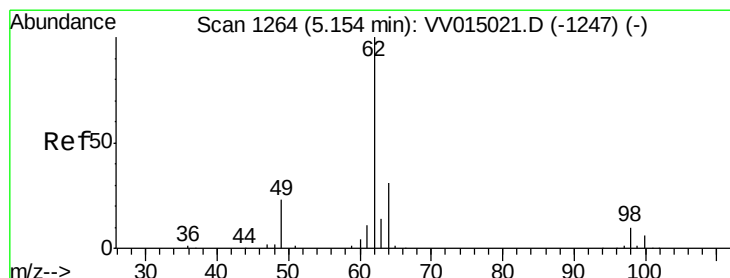
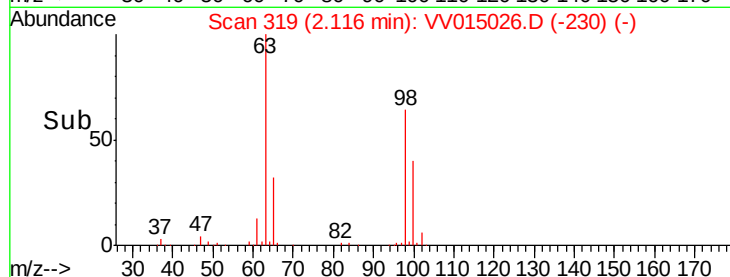
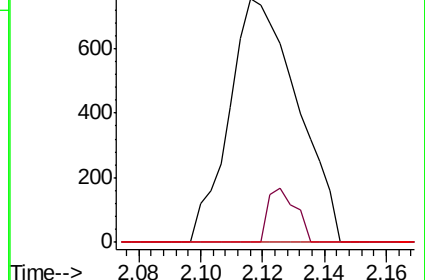
151 0.0 72.6 109.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 1.067 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. -0.03 min

Lab File: VV015026.D

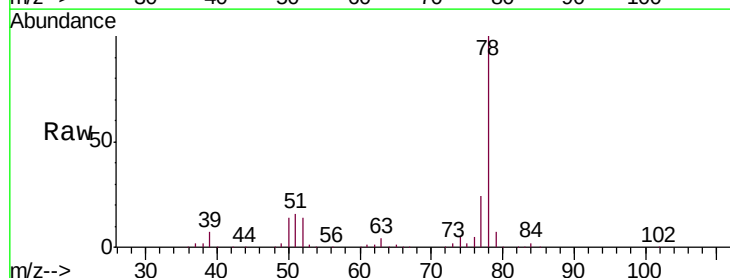
Acq: 18 Mar 2020 20:24

Tgt Ion: 62 Resp: 3200

Ion Ratio Lower Upper

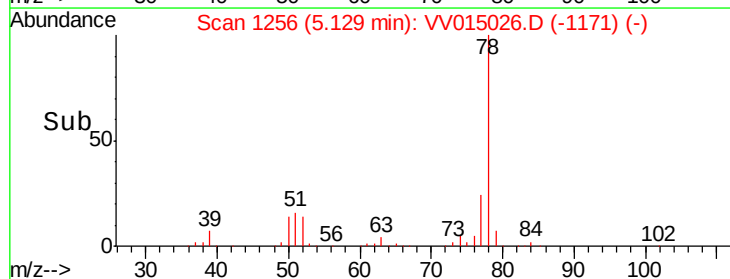
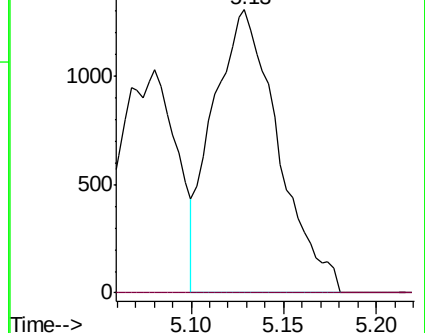
62 100

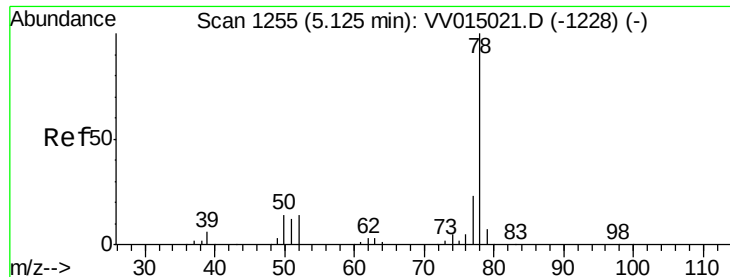
98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#33

Benzene

Concen: 42.102 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015026.D

Acq: 18 Mar 2020 20:24

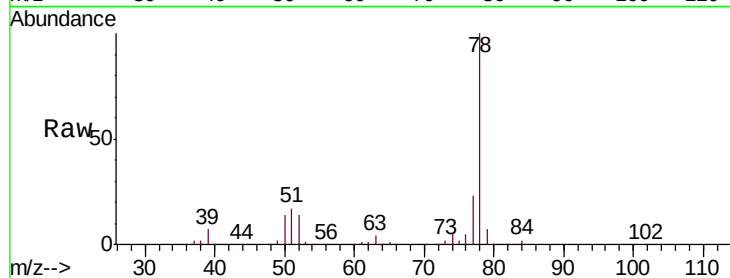
Instrument :

MSVOA_V

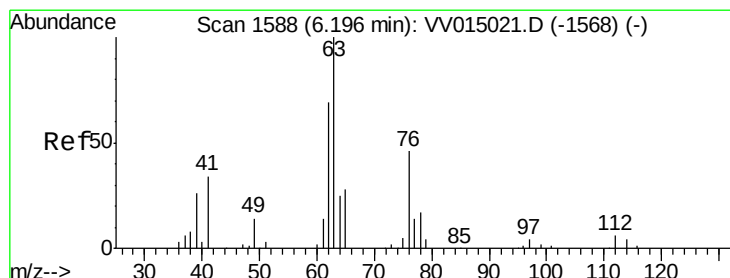
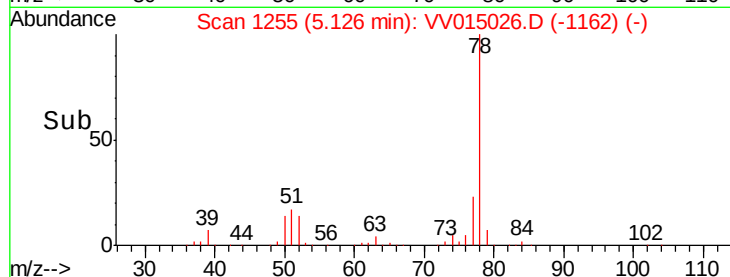
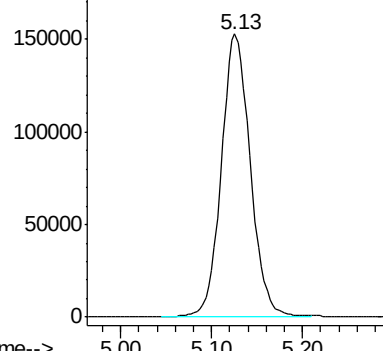
ClientSampleId :

C0DH5DL

Tgt Ion: 78 Resp: 339171



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 7.336 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015026.D

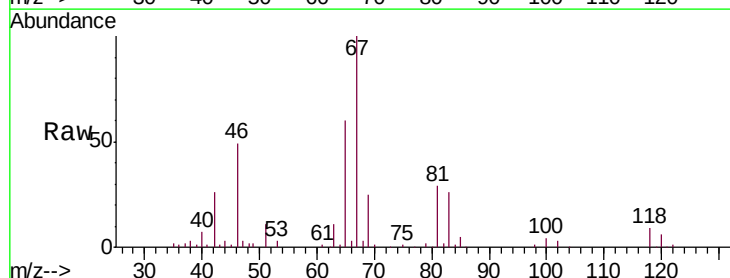
Acq: 18 Mar 2020 20:24

Tgt Ion: 63 Resp: 14292

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

8000

6000

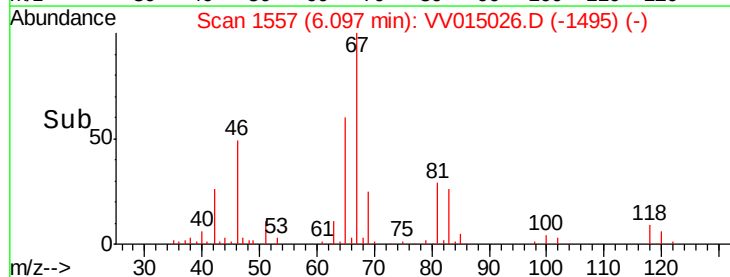
4000

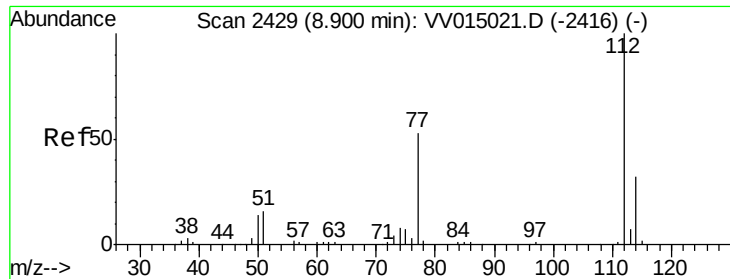
2000

0

6.05 6.10 6.15

Time-->

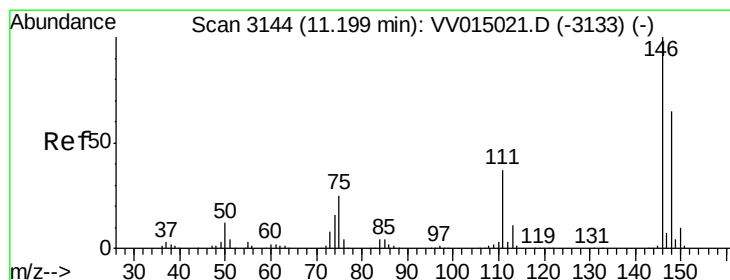
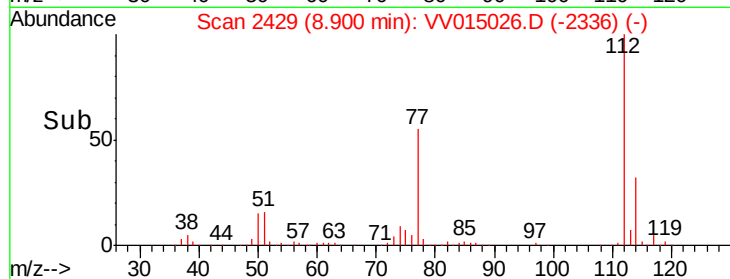
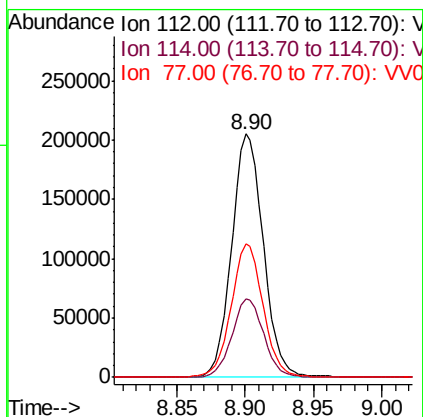
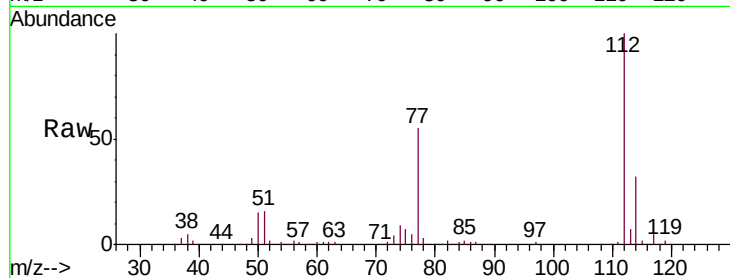




#51
Chlorobenzene
Concen: 51.776 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV015026.D
Acq: 18 Mar 2020 20:24

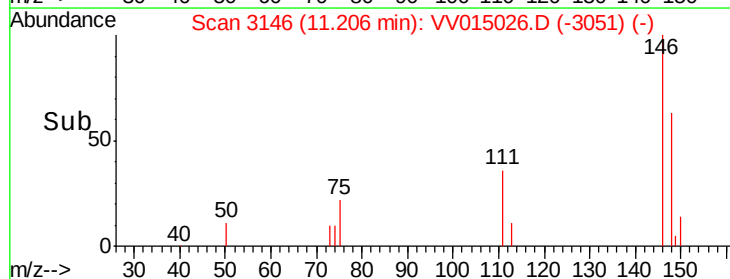
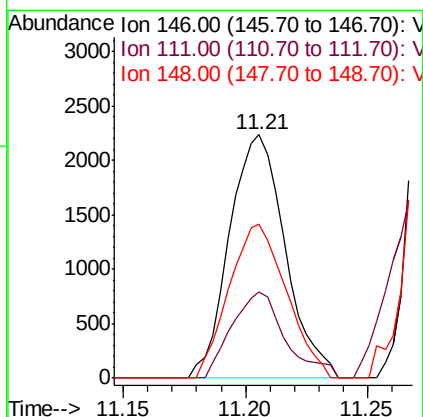
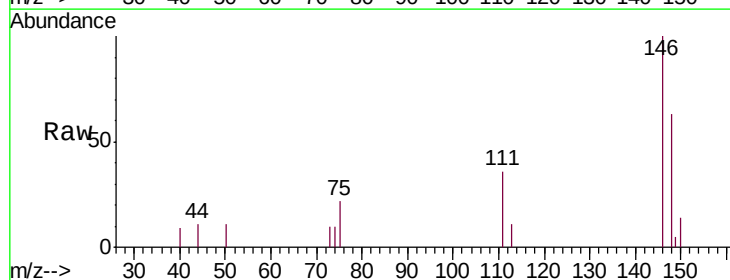
Instrument :
MSVOA_V
ClientSampled :
C0DH5DL

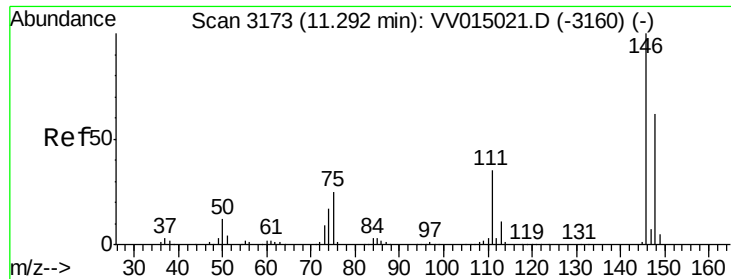
Tgt Ion:112 Resp: 331528
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 55.0 42.9 64.3



#62
1,3-Dichlorobenzene
Concen: 0.728 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.01 min
Lab File: VV015026.D
Acq: 18 Mar 2020 20:24

Tgt Ion:146 Resp: 3545
Ion Ratio Lower Upper
146 100
111 35.7 25.7 47.7
148 63.4 45.4 84.4





#63

1,4-Dichlorobenzene

Concen: 15.373 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV015026.D

Acq: 18 Mar 2020 20:24

Instrument :

MSVOA_V

ClientSampleId :

C0DH5DL

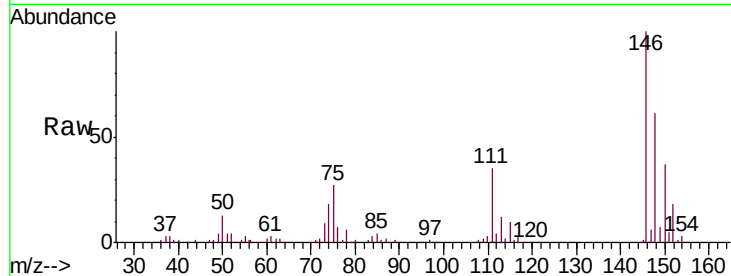
Tgt Ion:146 Resp: 77931

Ion Ratio Lower Upper

146 100

111 34.5 25.8 48.0

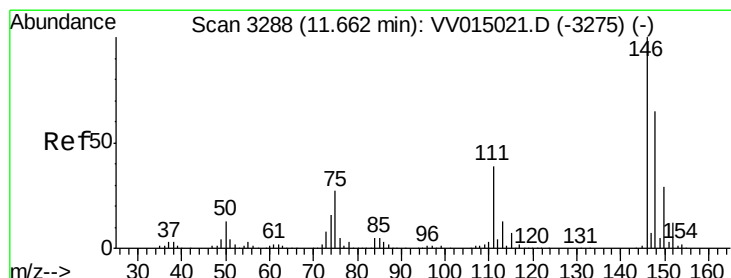
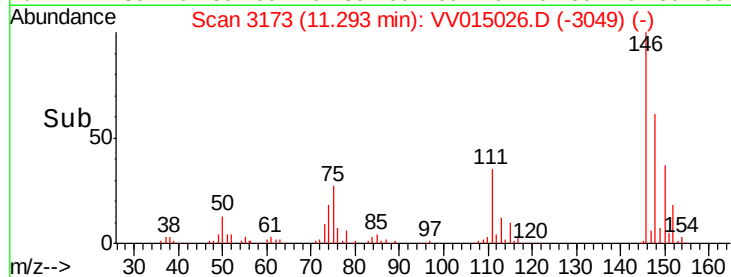
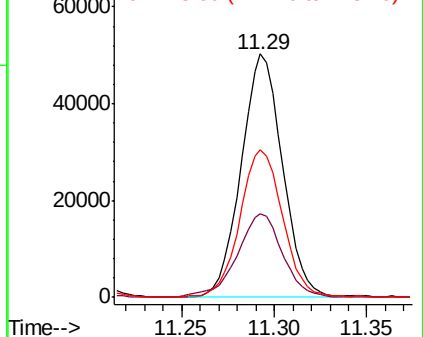
148 60.5 45.7 84.9



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



#65

1,2-Dichlorobenzene

Concen: 10.236 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015026.D

Acq: 18 Mar 2020 20:24

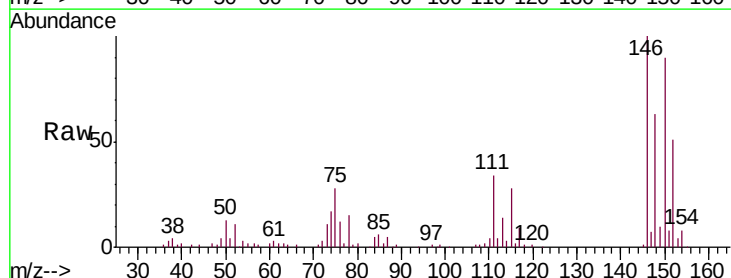
Tgt Ion:146 Resp: 52949

Ion Ratio Lower Upper

146 100

111 34.2 31.5 47.3

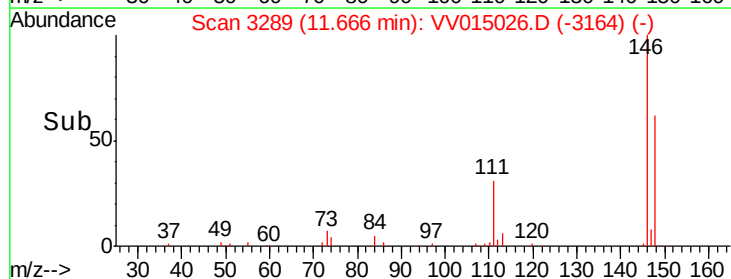
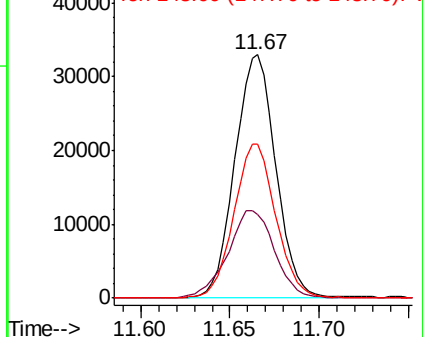
148 63.0 51.7 77.5

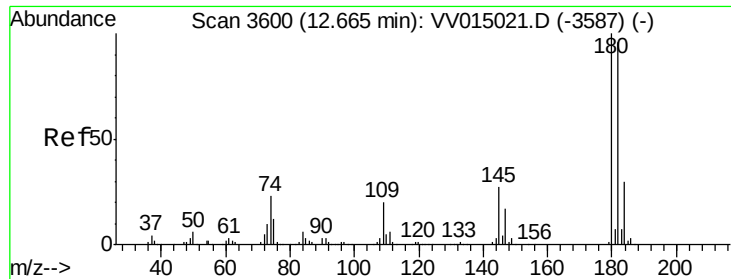


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

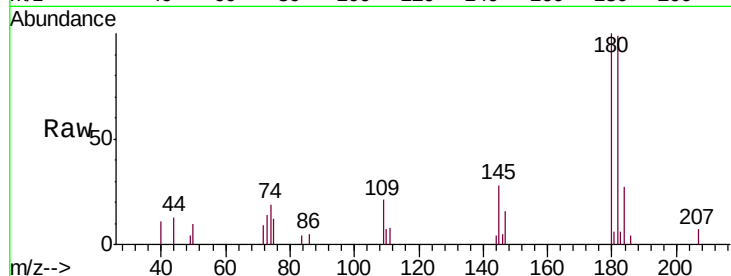




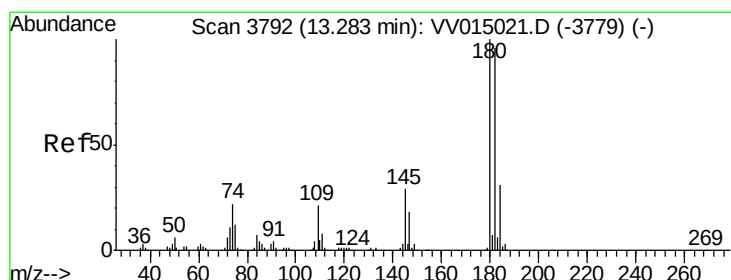
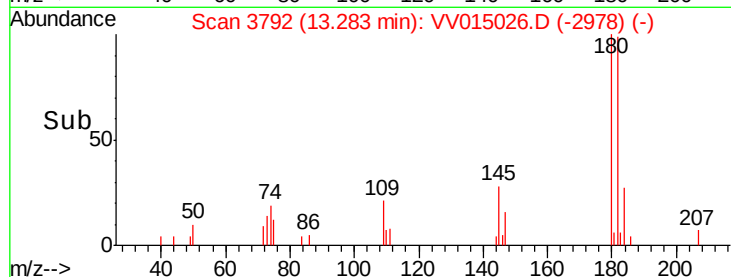
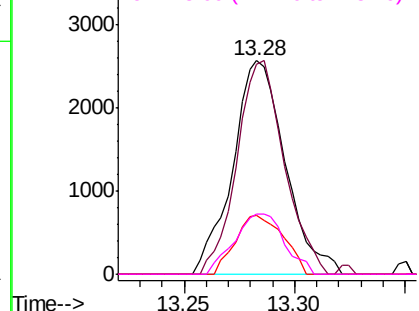
#67
 1,3,5-Trichlorobenzene
 Concen: 1.103 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV015026.D
 Acq: 18 Mar 2020 20:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH5DL

Tgt Ion:	180	Resp:	4250
Ion	Ratio	Lower	Upper
180	100		
182	90.0	75.2	112.8
184	25.1	23.9	35.9
145	26.9	22.0	33.0

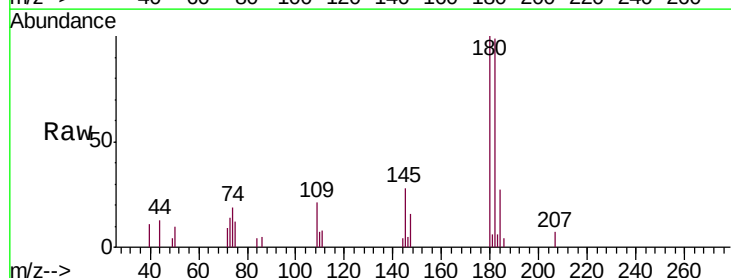


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.198 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV015026.D
 Acq: 18 Mar 2020 20:24

Tgt Ion:	180	Resp:	4250
Ion	Ratio	Lower	Upper
180	100		
182	90.0	76.3	114.5
145	26.9	22.2	33.4



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

