

Data File : VV015035.D
Acq On : 19 Mar 2020 00:02
Operator : SY/MD
Sample : L1941-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DC5

Quant Time: Mar 19 04:12:50 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	339702	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79778	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.52%
7) Chloroethane-d5	1.58	69	63587	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.12	63	101363	37.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.74%
21) 2-Butanone-d5	3.93	46	98132	91.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	4.38	84	193459	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.06	65	128006	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
32) Benzene-d6	5.08	84	402760	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
36) 1,2-Dichloropropane-d6	6.10	67	116797	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.92%
41) Toluene-d8	7.34	98	391020	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%
43) trans-1,3-Dichloropropene-	7.64	79	56794	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.54%
47) 2-Hexanone-d5	8.12	63	104469	100.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167305	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	165920	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

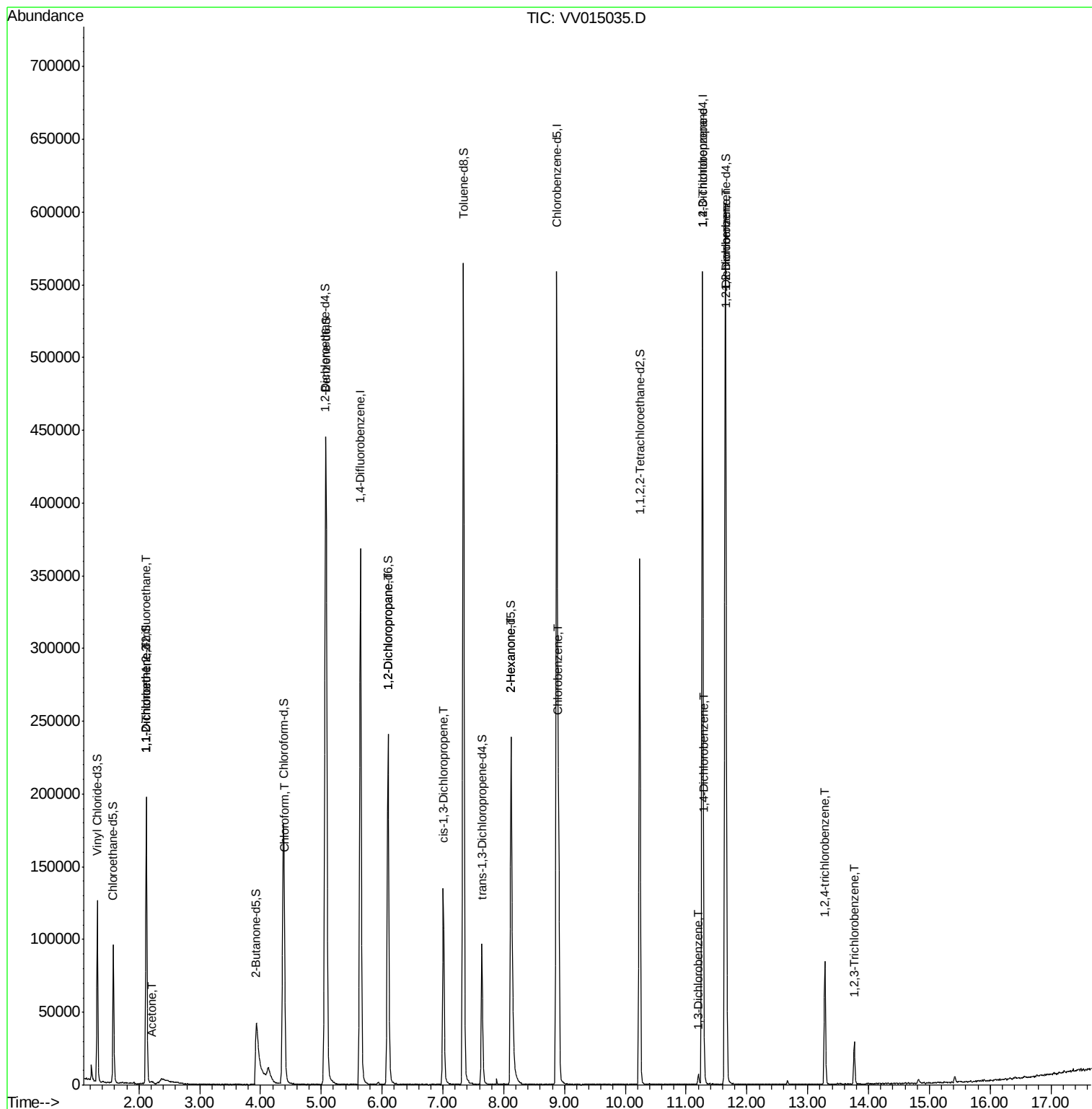
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	935	0.640 ug/L #	13
12) 1,1-Dichloroethene	2.12	96	1026	0.742 ug/L #	1
13) Acetone	2.20	43	1330	1.486 ug/L	98
25) Chloroform	4.40	83	4694	1.177 ug/L	99
37) 1,2-Dichloropropane	6.10	63	12957	6.761 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	3663	1.141 ug/L #	71
48) 2-Hexanone	8.12	43	14227	7.174 ug/L #	71
51) Chlorobenzene	8.90	112	109697	17.416 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	15899	5.903 ug/L	93
62) 1,3-Dichlorobenzene	11.20	146	3352	0.702 ug/L	87
63) 1,4-Dichlorobenzene	11.30	146	9179	1.848 ug/L	91
65) 1,2-Dichlorobenzene	11.66	146	51378	10.137 ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	29714	8.547 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	9897	2.898 ug/L	96

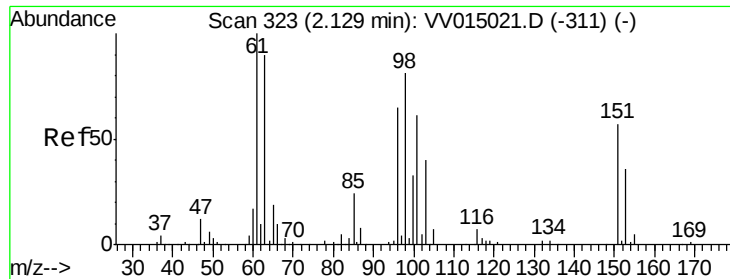
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.640 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

Instrument :

MSVOA_V

ClientSampleId :

C0DC5

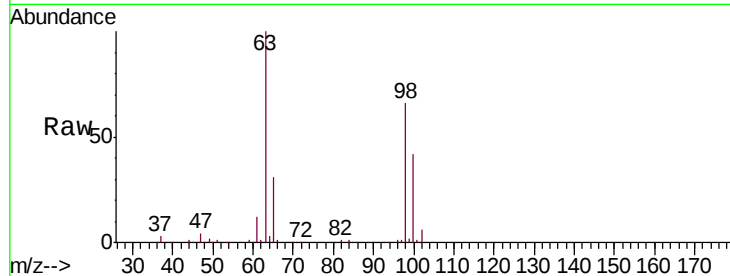
Tgt Ion: 101 Resp: 935

Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

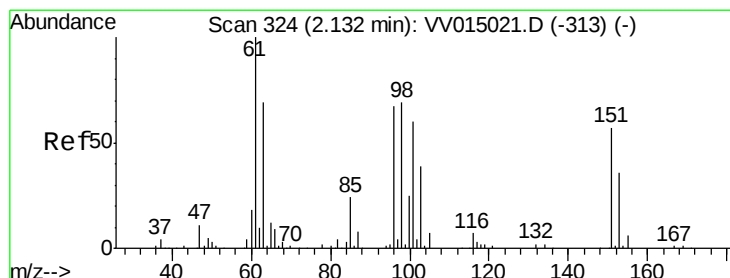
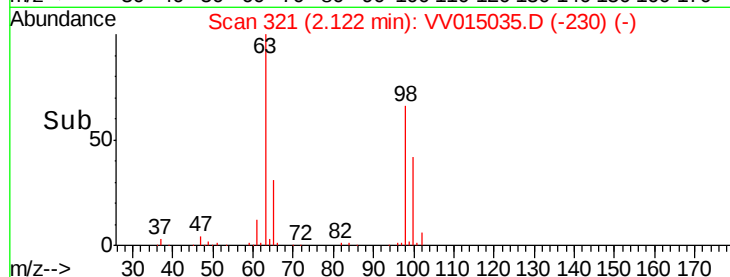
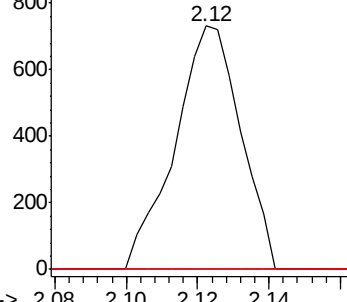
151 0.0 72.6 109.0#



Abundance Ion 101.00 (100.70 to 101.70): VV015035.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV015035.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV015035.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.742 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

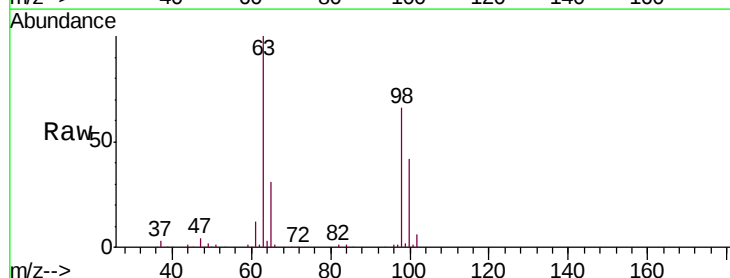
Tgt Ion: 96 Resp: 1026

Ion Ratio Lower Upper

96 100

61 1277.6 105.6 196.2#

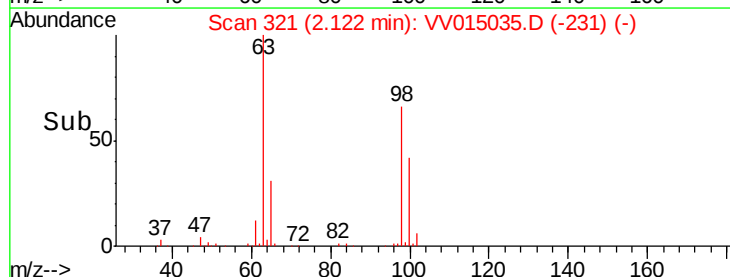
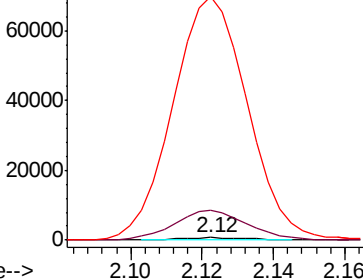
63 10362.0 75.9 140.9#

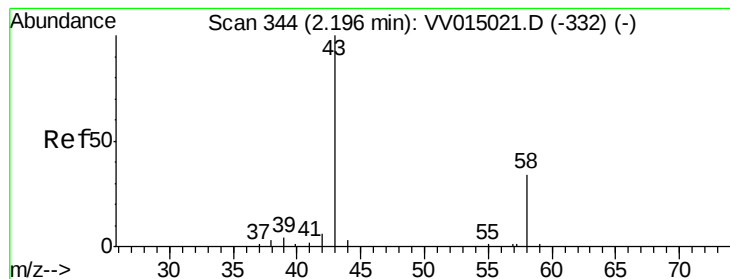


Abundance Ion 96.00 (95.70 to 96.70): VV015035.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV015035.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV015035.D (-231) (-)





#13

Acetone

Concen: 1.486 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

Instrument :

MSVOA_V

ClientSampled :

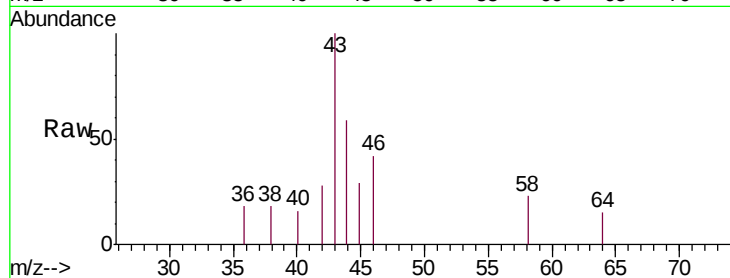
C0DC5

Tgt Ion: 43 Resp: 1330

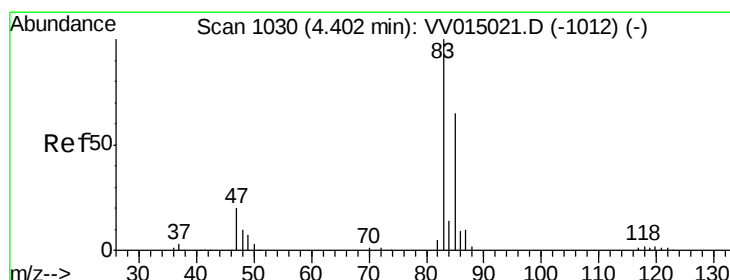
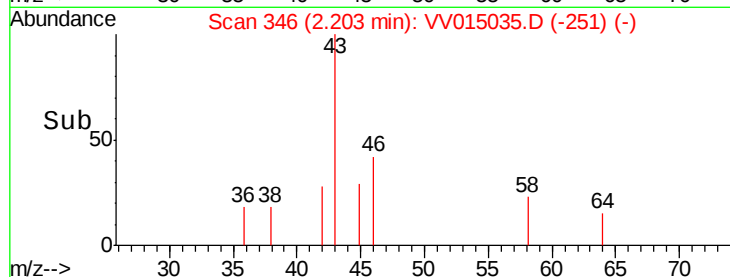
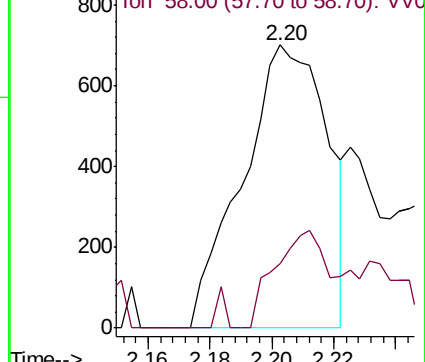
Ion Ratio Lower Upper

43 100

58 20.5 0.0 43.2



Abundance Ion 43.00 (42.70 to 43.70): VV015035.D (-251) (-)



#25

Chloroform

Concen: 1.177 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015035.D

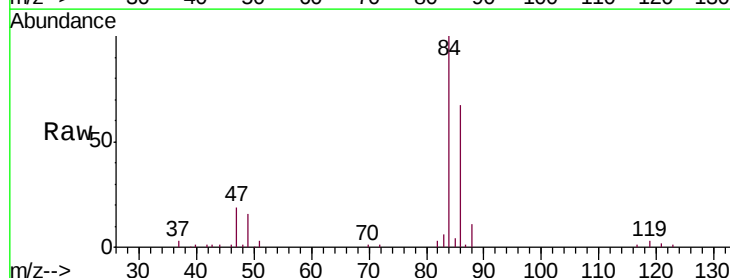
Acq: 19 Mar 2020 00:02

Tgt Ion: 83 Resp: 4694

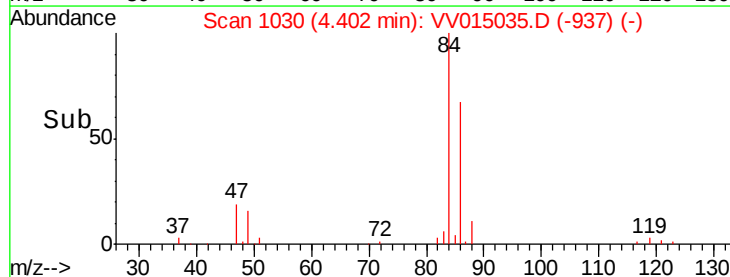
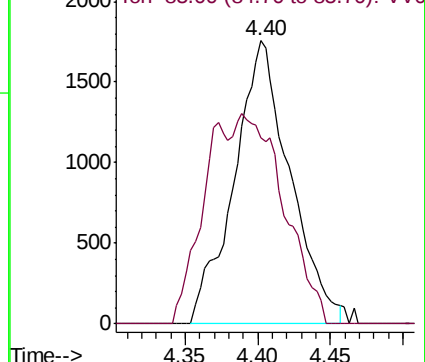
Ion Ratio Lower Upper

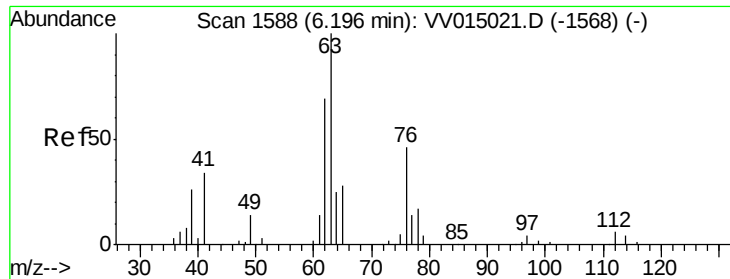
83 100

85 65.5 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VV015035.D (-937) (-)





#37

1,2-Dichloropropane

Concen: 6.761 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

Instrument :

MSVOA_V

ClientSampleId :

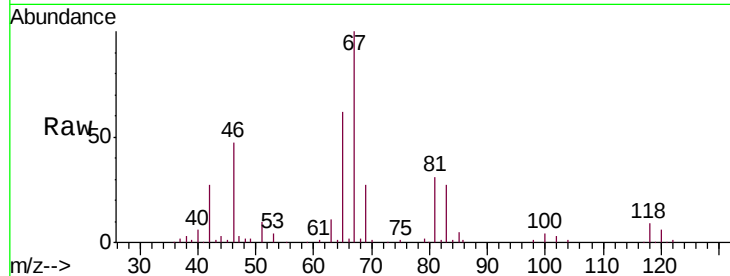
C0DC5

Tgt Ion: 63 Resp: 12957

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VV015021.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV015021.D (-1568) (-)

6.10

6000

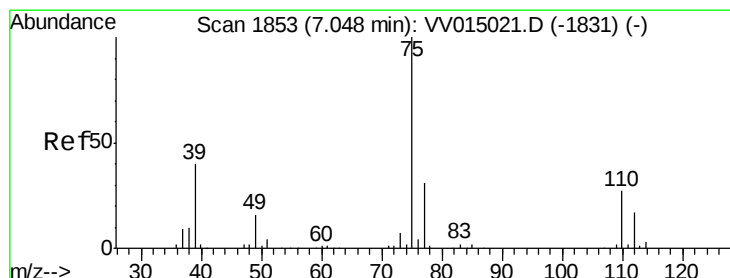
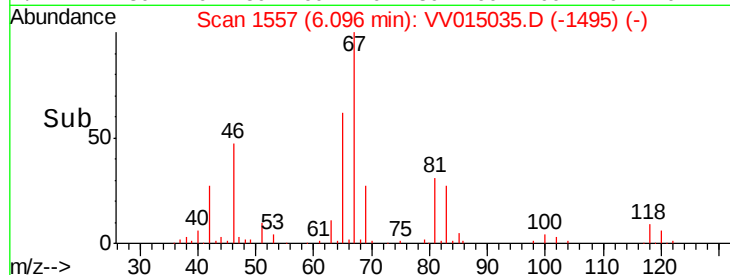
4000

2000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.141 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015035.D

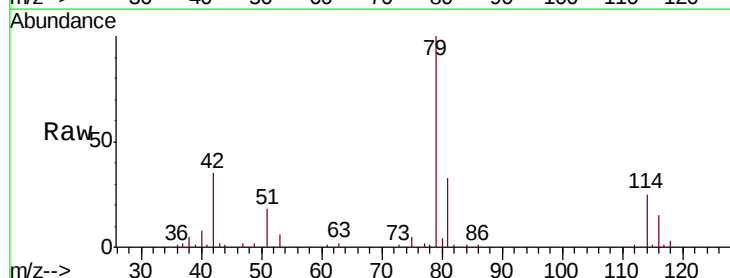
Acq: 19 Mar 2020 00:02

Tgt Ion: 75 Resp: 3663

Ion Ratio Lower Upper

75 100

77 46.2 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VV015021.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV015021.D (-1831) (-)

7.01

2500

2000

1500

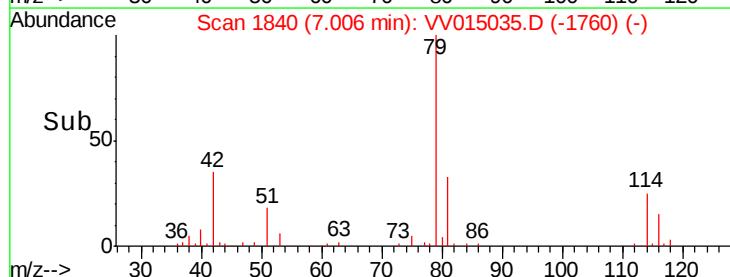
1000

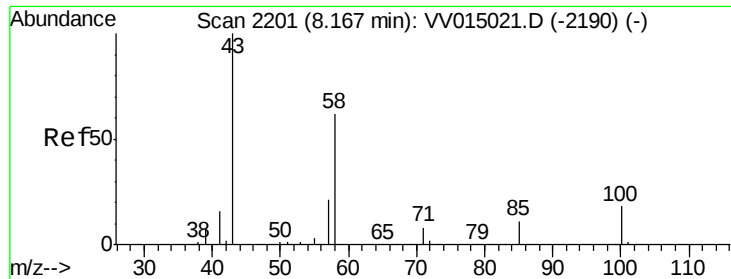
500

0

6.95 7.00 7.05

Time-->

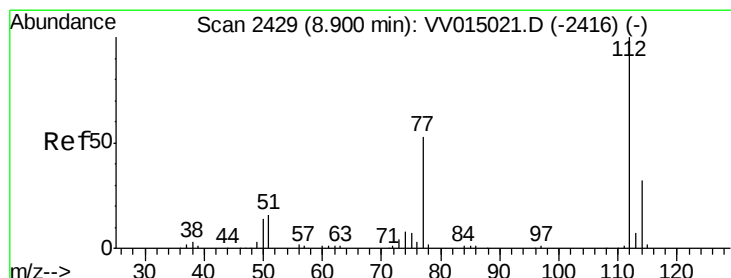
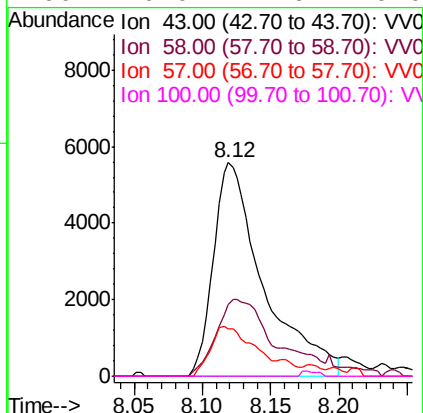
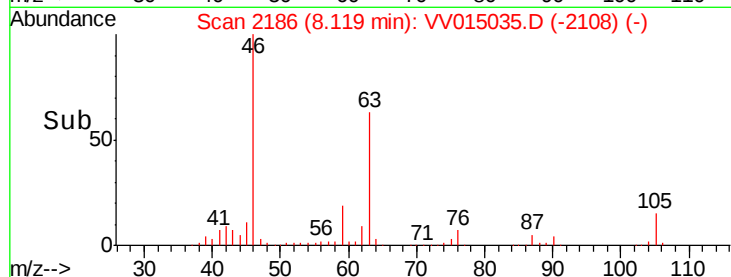
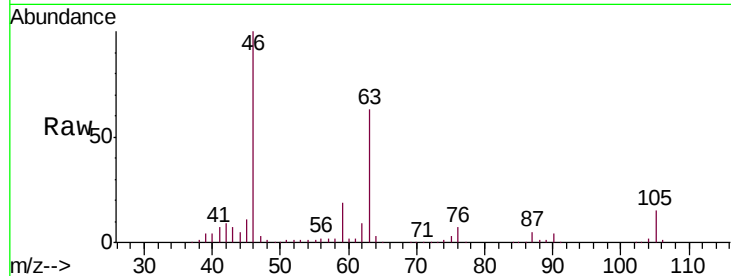




#48
2-Hexanone
Concen: 7.174 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015035.D
Acq: 19 Mar 2020 00:02

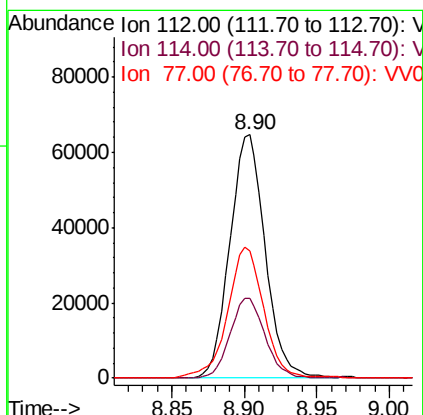
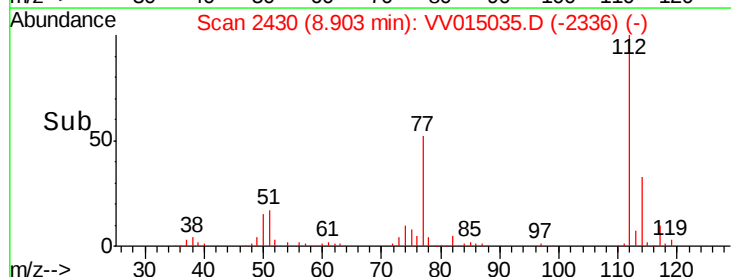
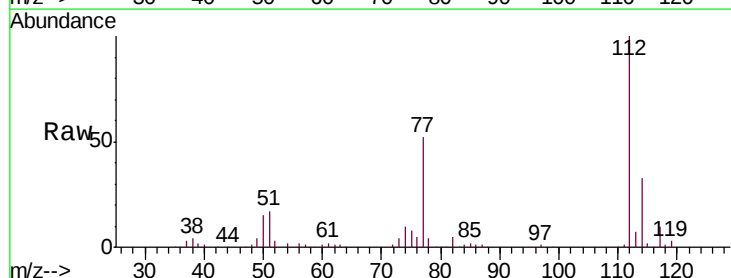
Instrument :
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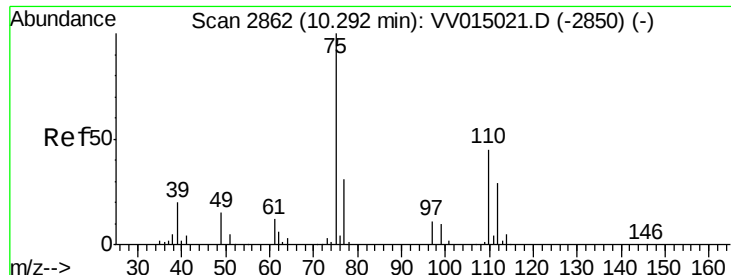
Tgt Ion:	43	Resp:	14227
Ion	Ratio	Lower	Upper
43	100		
58	33.3	48.2	72.2#
57	20.4	15.8	23.6
100	0.0	12.6	19.0#



#51
Chlorobenzene
Concen: 17.416 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015035.D
Acq: 19 Mar 2020 00:02

Tgt Ion:	112	Resp:	109697
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.4	41.6
77	52.1	42.9	64.3

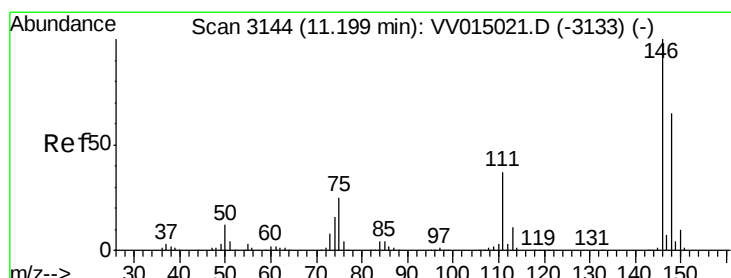
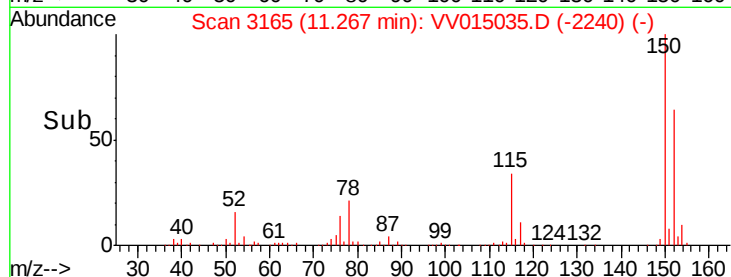
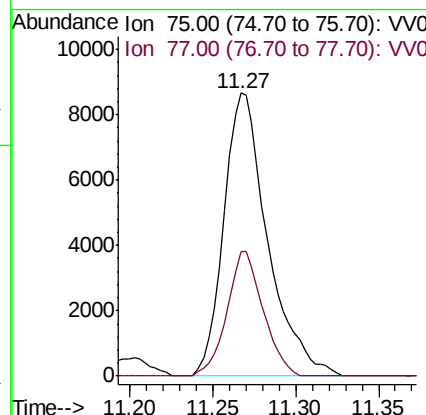
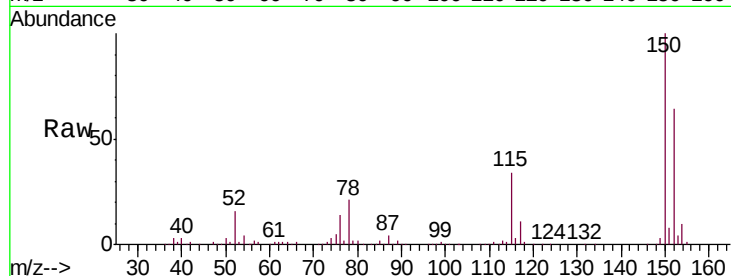




#59
 1,2,3-Trichloropropane
 Concen: 5.903 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV015035.D
 Acq: 19 Mar 2020 00:02

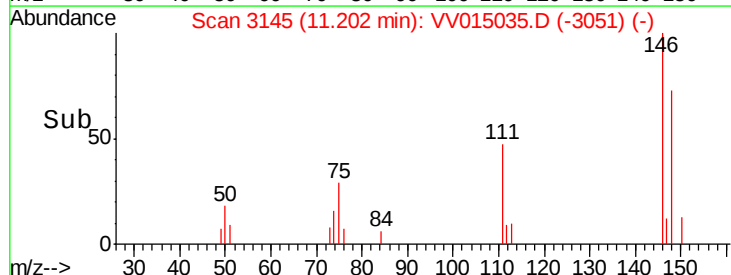
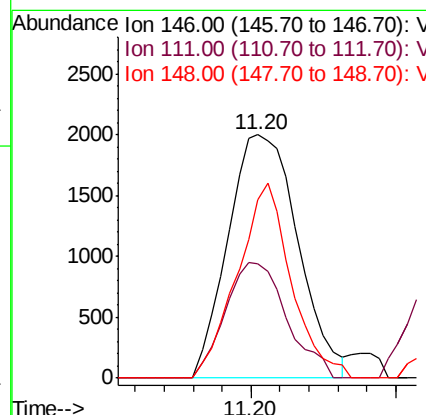
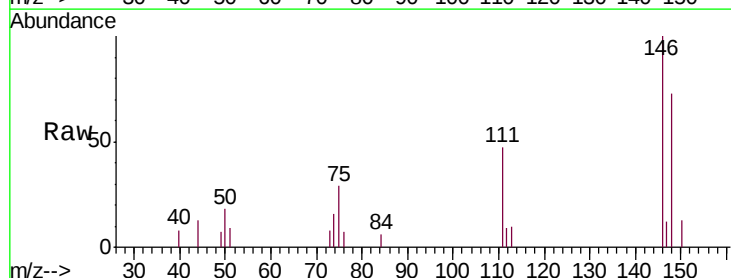
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC5

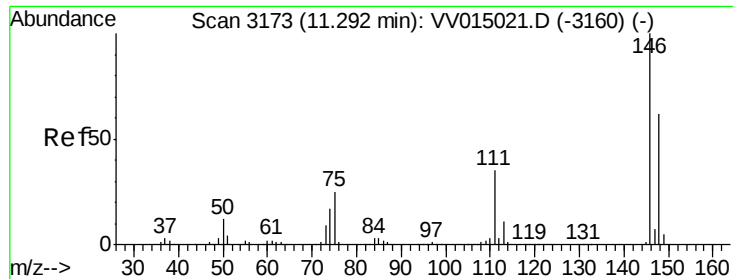
Tgt Ion: 75 Resp: 15899
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.2 39.2



#62
 1,3-Dichlorobenzene
 Concen: 0.702 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015035.D
 Acq: 19 Mar 2020 00:02

Tgt Ion: 146 Resp: 3352
 Ion Ratio Lower Upper
 146 100
 111 47.1 25.7 47.7
 148 73.0 45.4 84.4

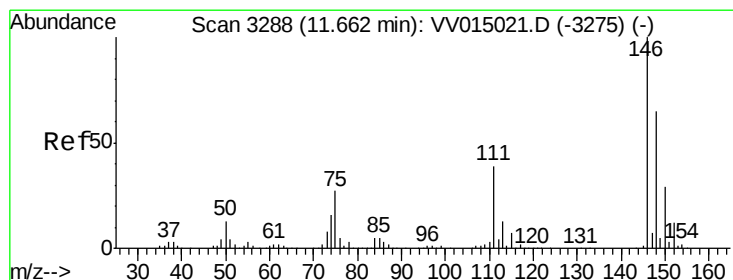
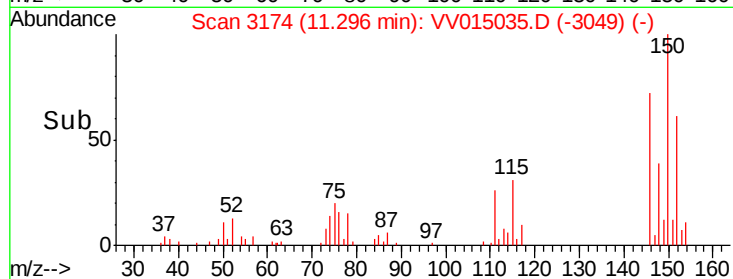
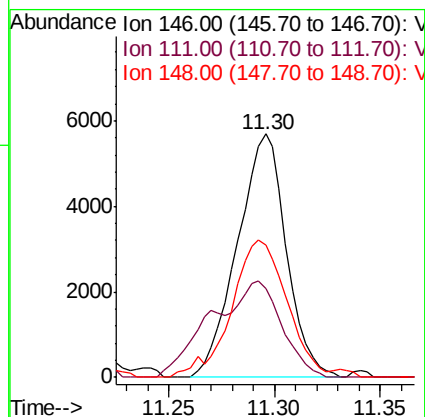
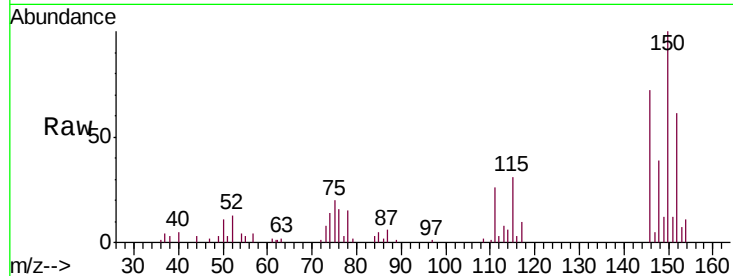




#63
 1,4-Dichlorobenzene
 Concen: 1.848 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015035.D
 Acq: 19 Mar 2020 00:02

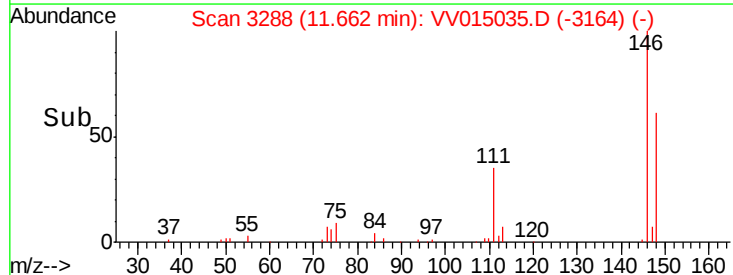
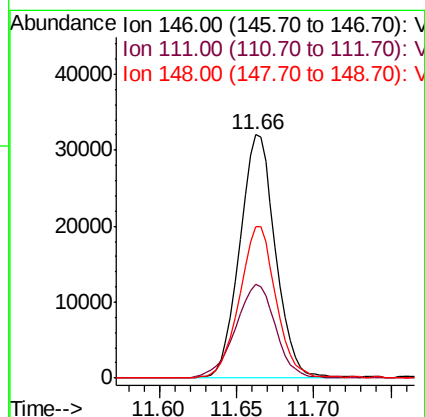
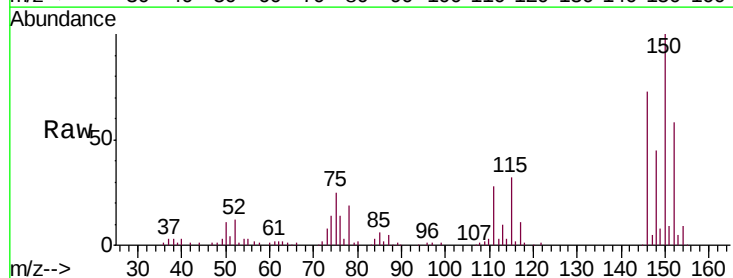
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC5

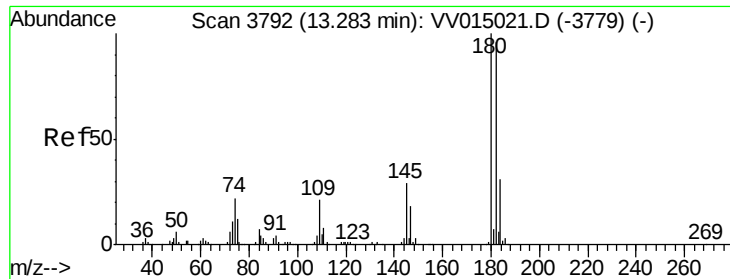
Tgt Ion:146 Resp: 9179
 Ion Ratio Lower Upper
 146 100
 111 36.5 25.8 48.0
 148 54.3 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 10.137 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: VV015035.D
 Acq: 19 Mar 2020 00:02

Tgt Ion:146 Resp: 51378
 Ion Ratio Lower Upper
 146 100
 111 38.3 31.5 47.3
 148 62.1 51.7 77.5

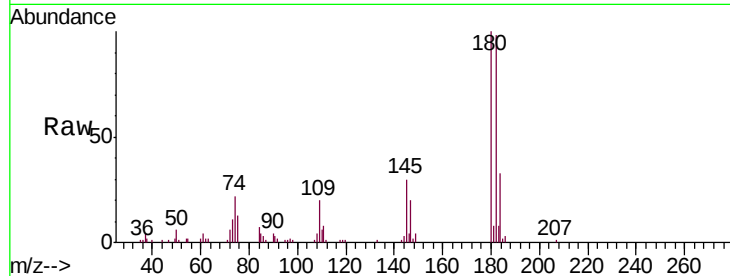




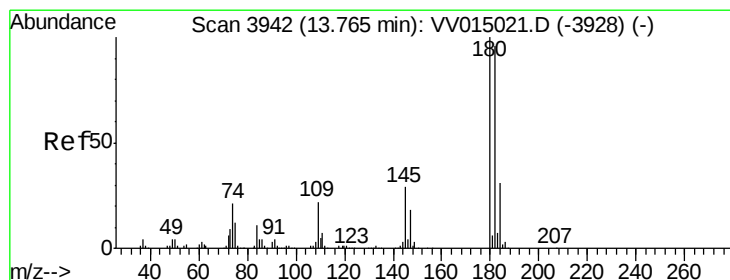
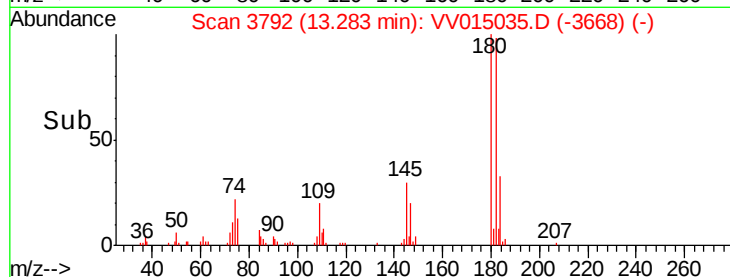
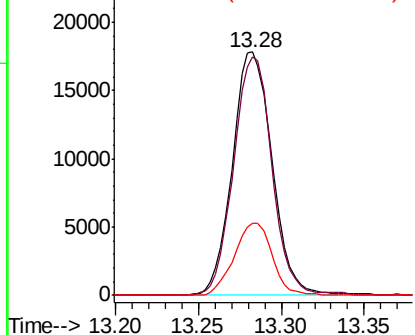
#68
 1,2,4-trichlorobenzene
 Concen: 8.547 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV015035.D
 Acq: 19 Mar 2020 00:02

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC5

Tgt Ion:180 Resp: 29714
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.3 114.5
 145 28.2 22.2 33.4

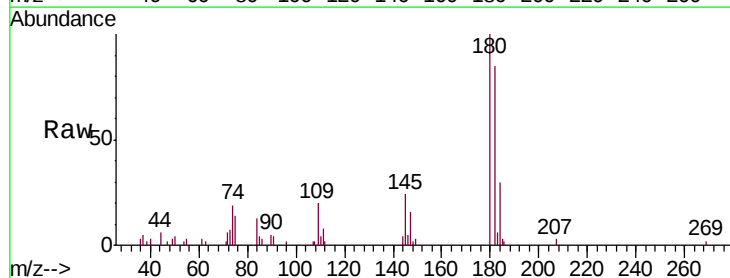


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 2.898 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV015035.D
 Acq: 19 Mar 2020 00:02

Tgt Ion:180 Resp: 9897
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.5 113.3
 145 26.5 23.5 35.3



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

