

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015788.D
 Acq On : 29 Apr 2020 13:29
 Operator : SY/MD
 Sample : L2410-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

Quant Time: Apr 30 01:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39717	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.57	69	34744	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.12	63	75713	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.90	46	92293	40.03	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.06%
24) Chloroform-d	4.38	84	64419	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.06	65	40636	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.07	84	143135	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.09	67	42865	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	125451	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	14477	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.11	63	70730	36.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29161	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	46302	4.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.80%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	45986	4.516	ug/L 99
6) Bromomethane	1.53	94	23388	5.009	ug/L 98
9) Trichlorofluoromethane	1.76	101	129642	8.495	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	764	0.088	ug/L # 42
12) 1,1-Dichloroethene	2.13	96	30609	3.827	ug/L 93
13) Acetone	2.18	43	114026	71.218	ug/L 96
14) Carbon disulfide	2.31	76	137557	6.084	ug/L 99
15) Methyl Acetate	2.18	43	88210	23.166	ug/L # 56
16) Methylene chloride	2.52	84	24381	2.469	ug/L 95
17) Methyl tert-butyl Ether	2.78	73	203922	9.083	ug/L 99
19) 1,1-Dichloroethane	3.21	63	175328	9.971	ug/L 99
21) 2-Butanone	3.98	43	277890	112.523	ug/L 98
25) Chloroform	4.40	83	10306	0.552	ug/L 98
27) 1,2-Dichloroethane	5.16	62	97004	7.910	ug/L 98
29) 1,1,1-Trichloroethane	4.63	97	149953	8.753	ug/L 99
30) Cyclohexane	4.70	56	198675	12.139	ug/L 99
31) Carbon tetrachloride	4.63	117	18198	1.283	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015788.D
 Acq On : 29 Apr 2020 13:29
 Operator : SY/MD
 Sample : L2410-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

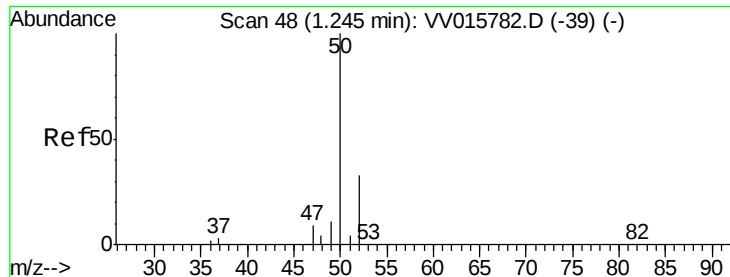
Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

Quant Time: Apr 30 01:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

34) Trichloroethene	5.94	95	57143	5.361	ug/L	98
35) Methylcyclohexane	6.15	83	111547	6.819	ug/L	100
37) 1,2-Dichloropropane	6.20	63	22241	2.267	ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	1474	0.108	ug/L	99
42) Toluene	7.41	91	370788	8.991	ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	810	0.070	ug/L	96
45) 1,1,2-Trichloroethane	7.99	97	704	0.105	ug/L #	22
47) Tetrachloroethene	8.00	164	69760	9.090	ug/L	97
48) 2-Hexanone	8.16	43	236499	52.088	ug/L	99
49) Dibromochloromethane	8.00	129	67734	9.788	ug/L #	12
50) 1,2-Dibromoethane	8.37	107	100980	16.330	ug/L	96
51) Chlorobenzene	8.90	112	292477	10.826	ug/L	98
52) Ethylbenzene	9.03	91	323077	6.770	ug/L	99
53) m,p-xylene	9.16	106	247513	14.159	ug/L	100
54) o-xylene	9.57	106	96328	5.695	ug/L	96
55) Styrene	9.58	104	162389	5.658	ug/L	100
56) Isopropylbenzene	9.95	105	161628	3.406	ug/L	99
61) Bromoform	9.76	173	14670	5.396	ug/L	98
62) 1,3-Dichlorobenzene	11.30	146	92554	4.440	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	92554	4.403	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	239422	12.699	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	4915	4.002	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	89360	5.801	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	129373	10.339	ug/L	99

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



#3

Chloromethane

Concen: 4.516 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

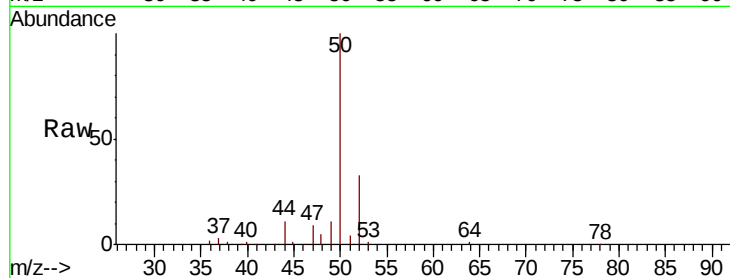
DBFE0

Tot Ion: 50 Resp: 45986

Ion Ratio Lower Upper

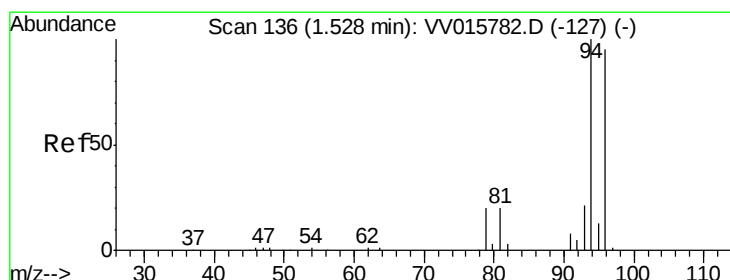
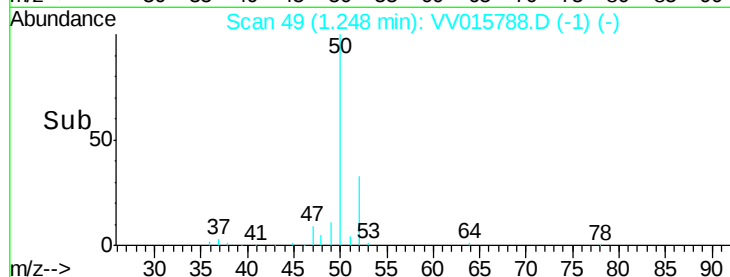
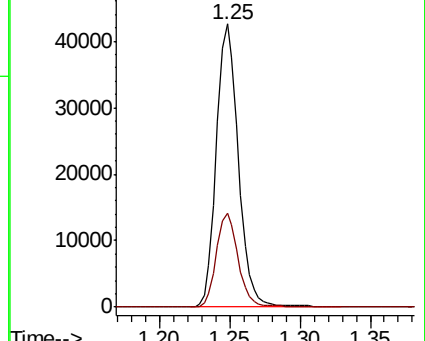
50 100

52 33.2 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV015788.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV015788.D (-39) (-)



#6

Bromomethane

Concen: 5.009 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV015788.D

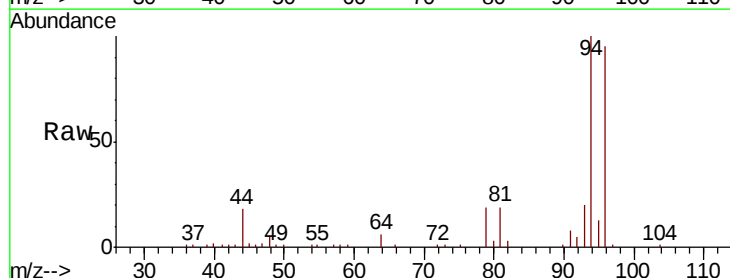
Acq: 29 Apr 2020 13:29

Tgt Ion: 94 Resp: 23388

Ion Ratio Lower Upper

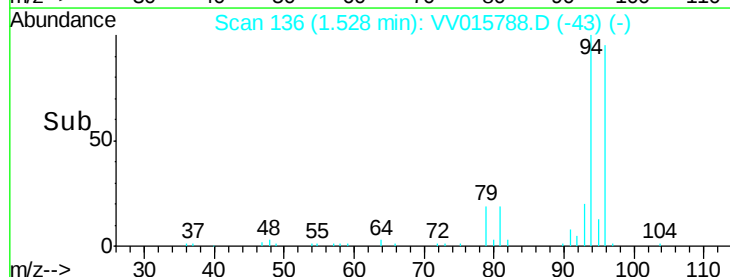
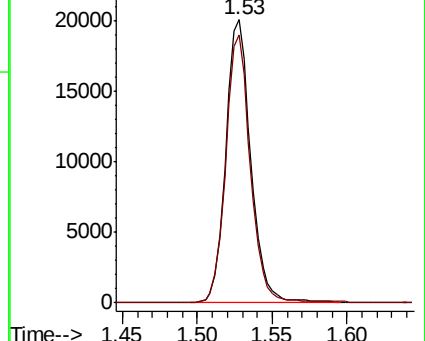
94 100

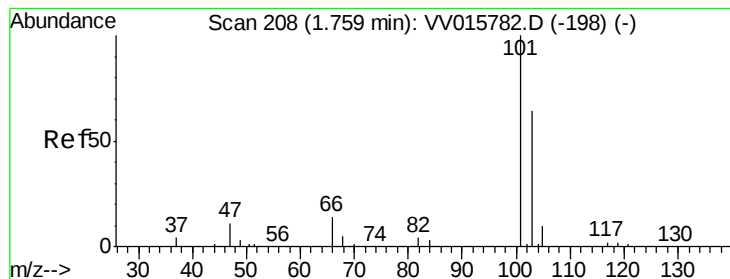
96 94.6 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV015788.D (-127) (-)

Ion 96.00 (95.70 to 96.70): VV015788.D (-127) (-)





#9

Trichlorofluoromethane

Concen: 8.495 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

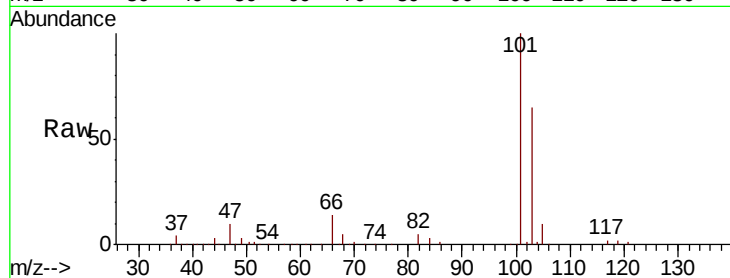
DBFE0

Tot Ion:101 Resp: 129642

Ion Ratio Lower Upper

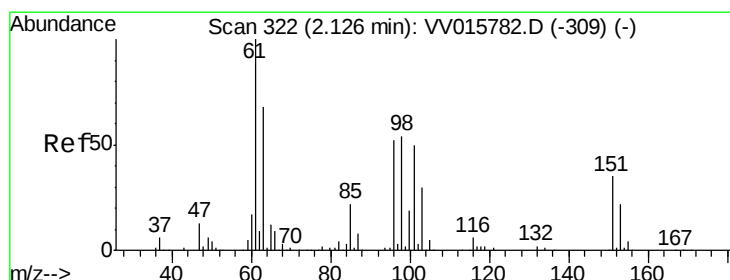
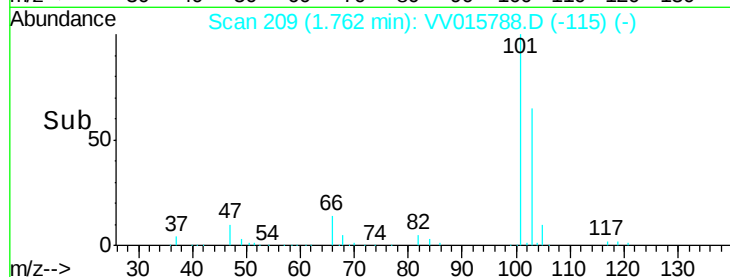
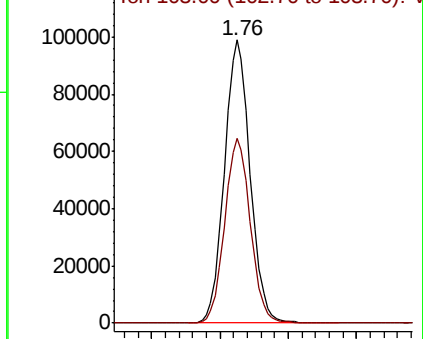
101 100

103 65.3 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.088 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

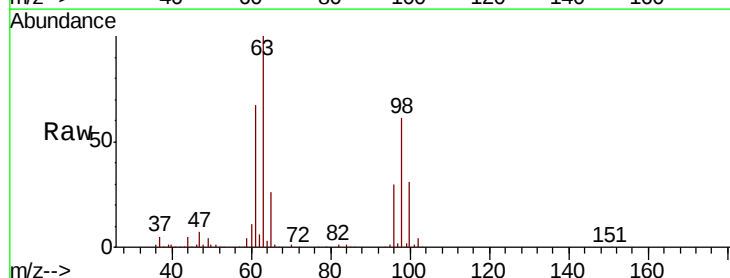
Tgt Ion:101 Resp: 764

Ion Ratio Lower Upper

101 100

85 8.4 36.1 54.1#

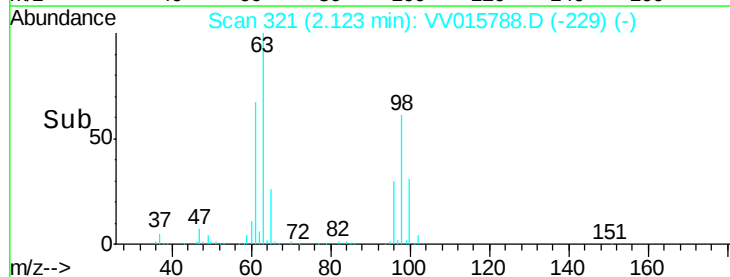
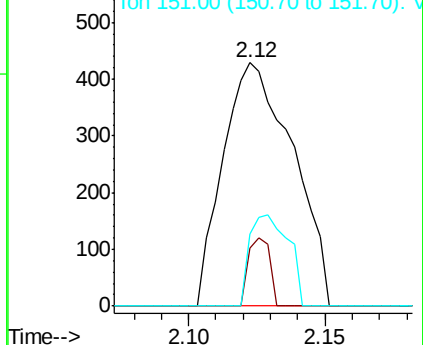
151 20.5 55.2 82.8#

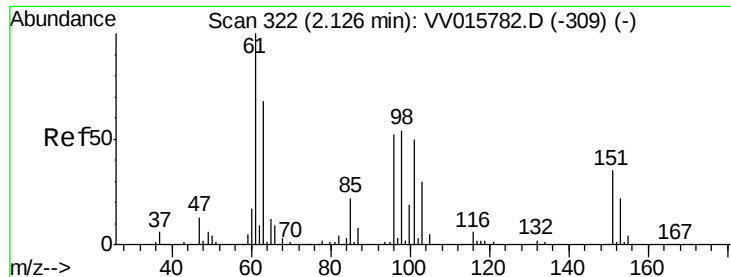


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 3.827 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

DBFE0

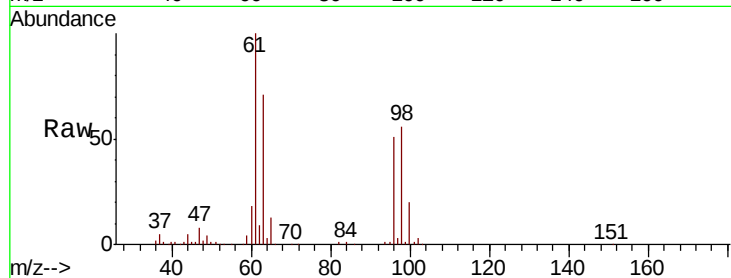
Tot Ion: 96 Resp: 30609

Ion Ratio Lower Upper

96 100

61 195.4 130.1 241.7

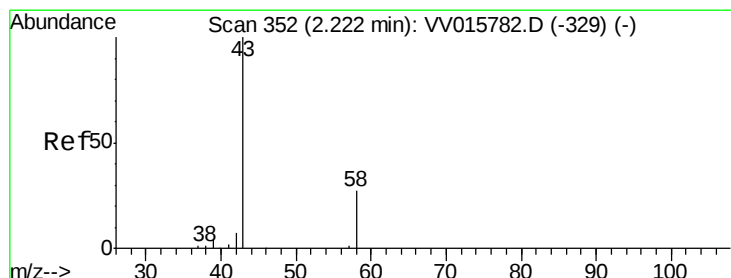
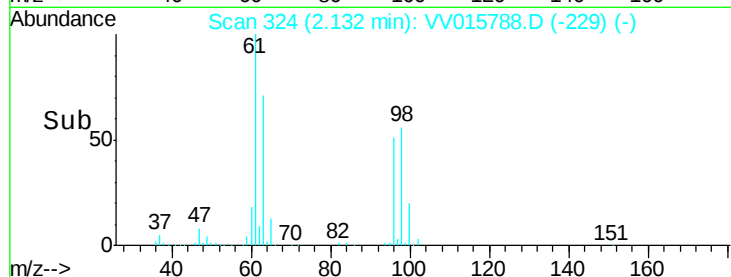
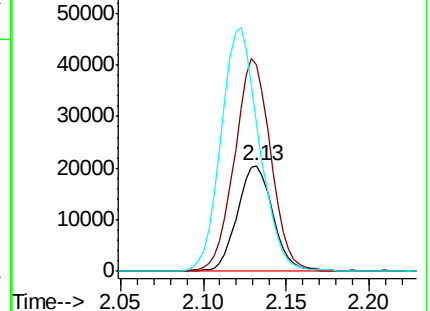
63 138.8 91.4 169.8



Abundance Ion 96.00 (95.70 to 96.70): VV015788.D (-229) (-)

Ion 61.05 (60.75 to 61.75): VV015788.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV015788.D (-229) (-)



#13

Acetone

Concen: 71.218 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.04 min

Lab File: VV015788.D

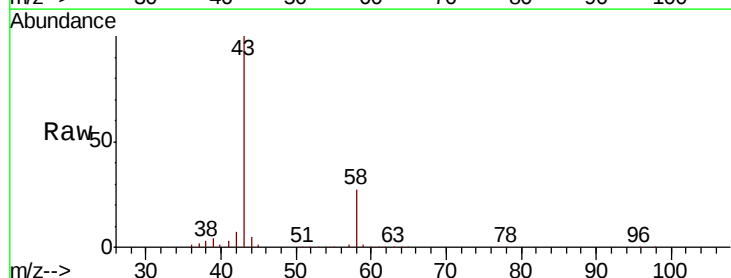
Acq: 29 Apr 2020 13:29

Tgt Ion: 43 Resp: 114026

Ion Ratio Lower Upper

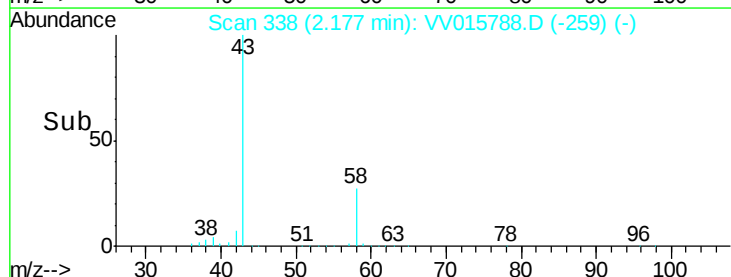
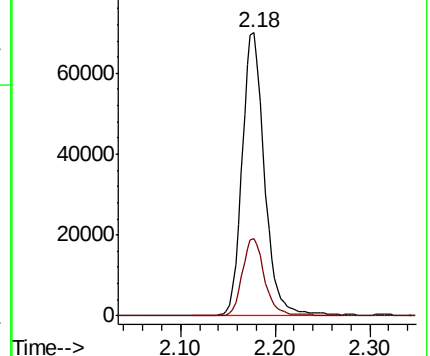
43 100

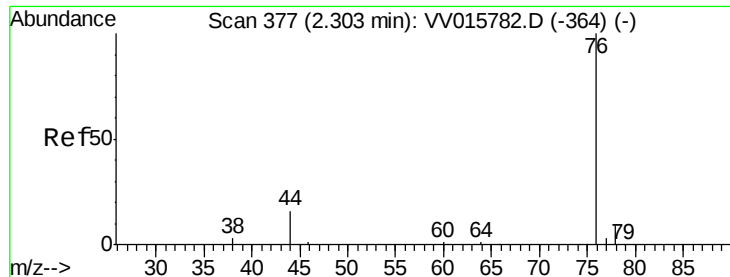
58 26.8 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015788.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV015788.D (-259) (-)





#14

Carbon disulfide

Concen: 6.084 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampled :

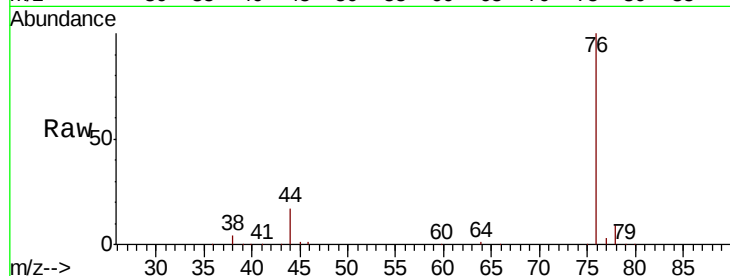
DBFE0

Tot Ion: 76 Resp: 137557

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV015788.D (-364) (-)

Ion 78.00 (77.70 to 78.70): VV015788.D (-364) (-)

2.31

100000

80000

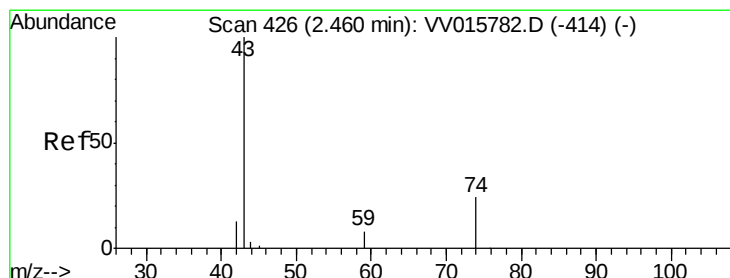
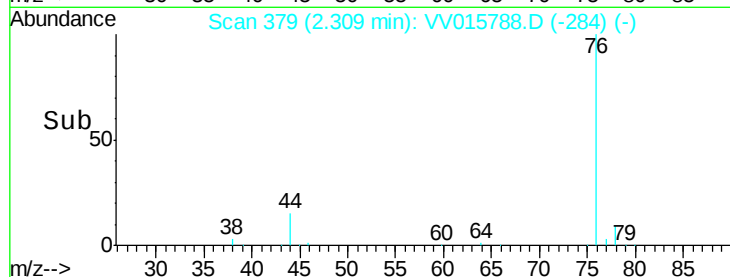
60000

40000

20000

0

Time-->



#15

Methyl Acetate

Concen: 23.166 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.28 min

Lab File: VV015788.D

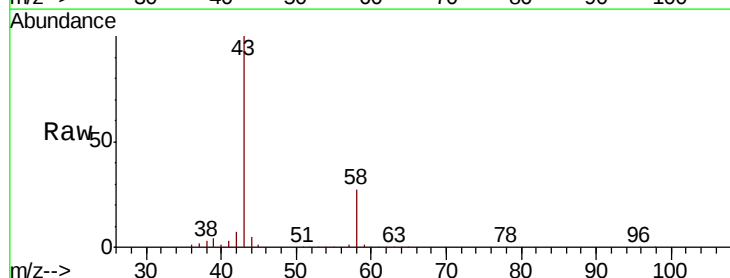
Acq: 29 Apr 2020 13:29

Tgt Ion: 43 Resp: 88210

Ion Ratio Lower Upper

43 100

74 0.1 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VV015788.D (-333) (-)

Ion 74.05 (73.75 to 74.75): VV015788.D (-333) (-)

2.18

80000

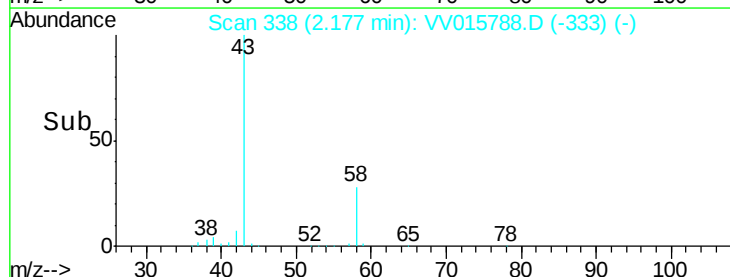
60000

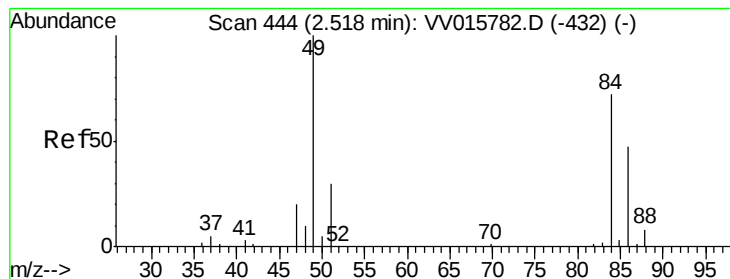
40000

20000

0

Time-->





#16

Methylene chloride

Concen: 2.469 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleID :

DBFE0

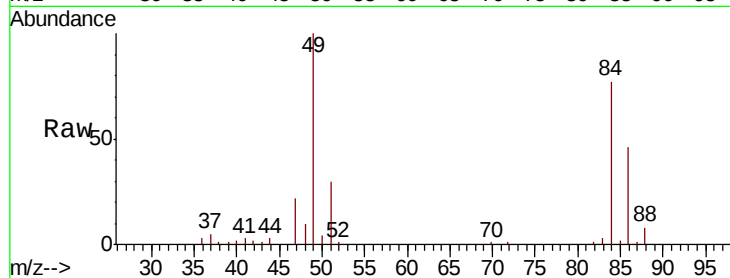
Tot Ion: 84 Resp: 24381

Ion Ratio Lower Upper

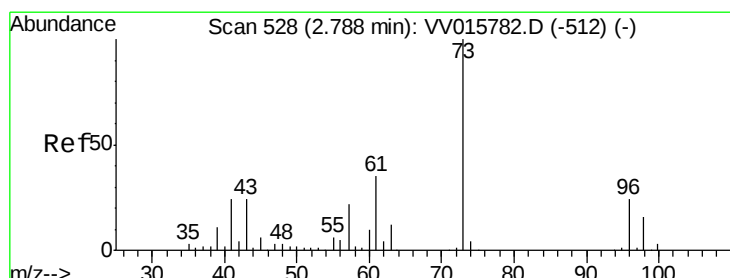
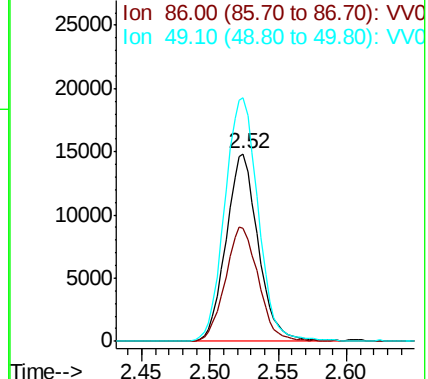
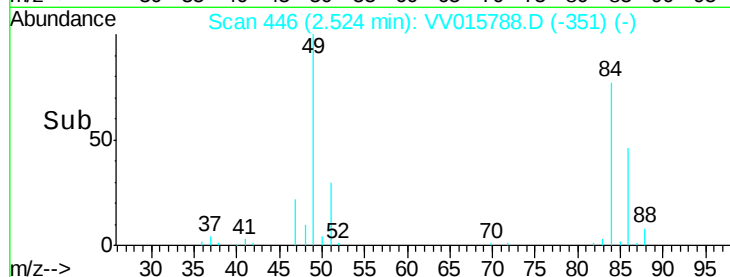
84 100

86 60.3 45.1 83.7

49 129.8 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV015788.D (-432) (-)



#17

Methyl tert-butyl Ether

Concen: 9.083 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

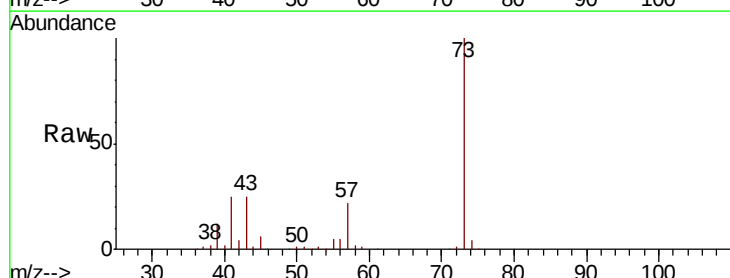
Tgt Ion: 73 Resp: 203922

Ion Ratio Lower Upper

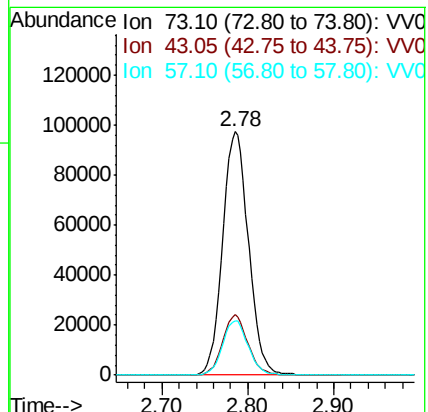
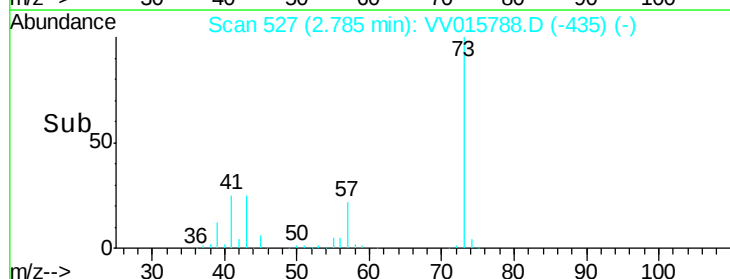
73 100

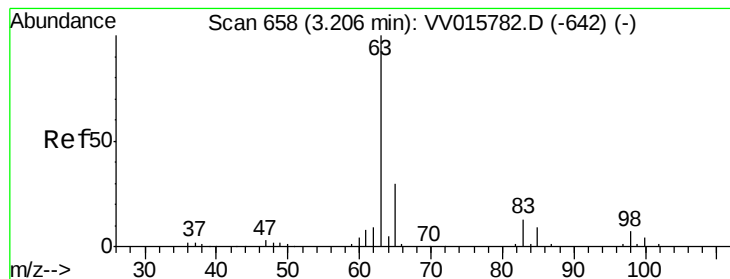
43 24.1 20.1 30.1

57 22.4 17.8 26.8



Abundance Ion 73.10 (72.80 to 73.80): VV015788.D (-435) (-)





#19

1,1-Dichloroethane

Concen: 9.971 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampled :

DBFE0

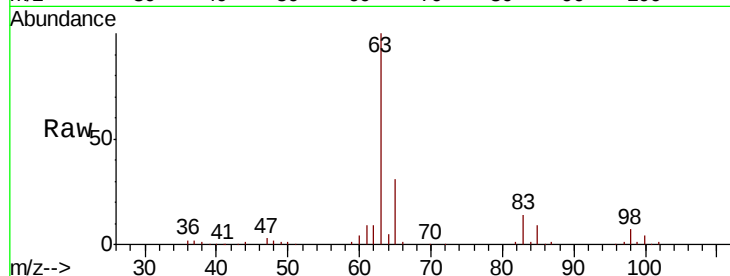
Tot Ion: 63 Resp: 175328

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.3

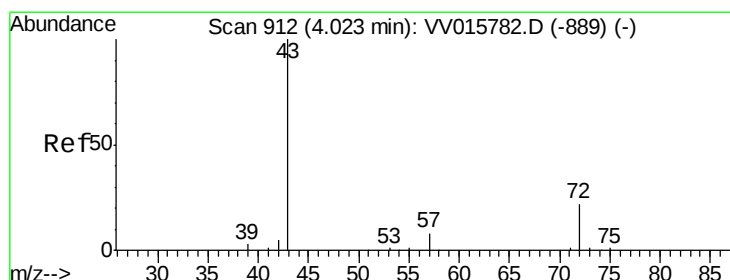
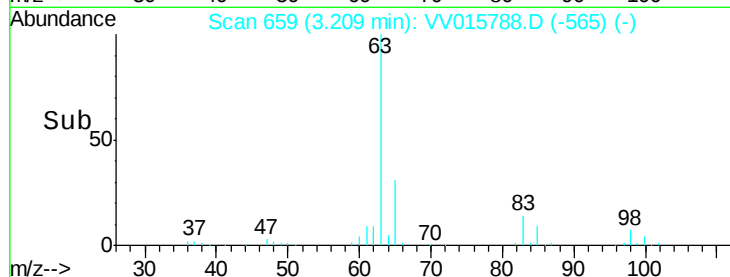
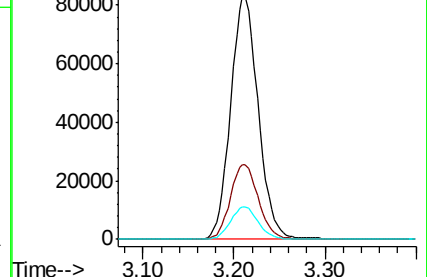
83 13.5 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VV015788.D (-642) (-)

Ion 65.10 (64.80 to 65.80): VV015788.D (-642) (-)

Ion 83.05 (82.75 to 83.75): VV015788.D (-642) (-)



#21

2-Butanone

Concen: 112.523 ug/L

RT: 3.98 min Scan# 899

Delta R.T. -0.04 min

Lab File: VV015788.D

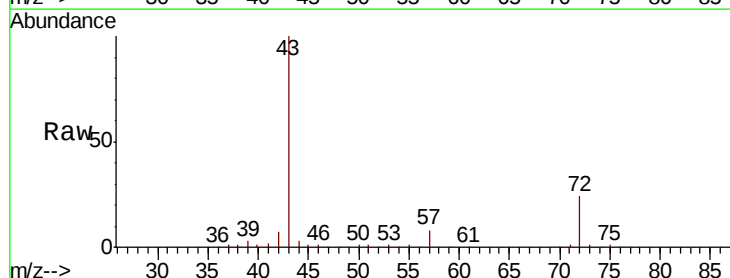
Acq: 29 Apr 2020 13:29

Tgt Ion: 43 Resp: 277890

Ion Ratio Lower Upper

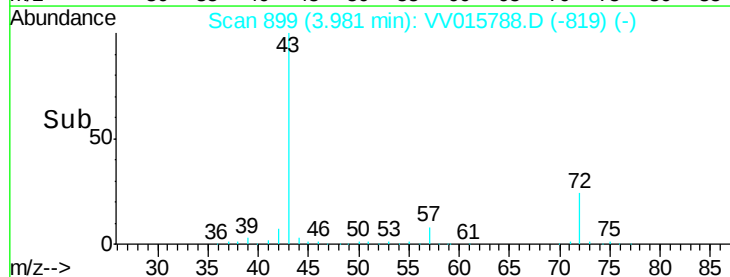
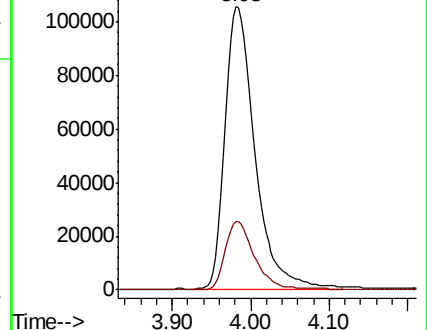
43 100

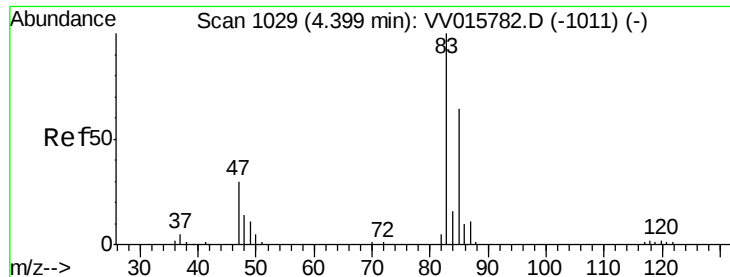
72 23.8 12.3 36.9



Abundance Ion 43.00 (42.70 to 43.70): VV015788.D (-819) (-)

Ion 72.00 (71.70 to 72.70): VV015788.D (-819) (-)

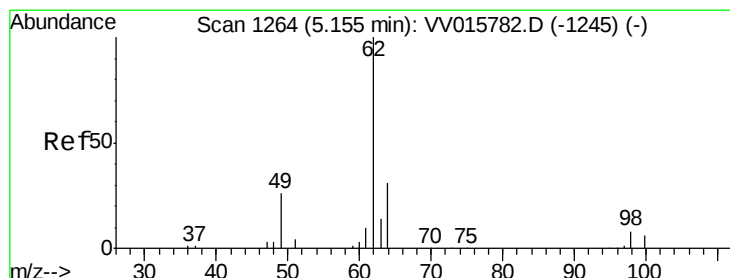
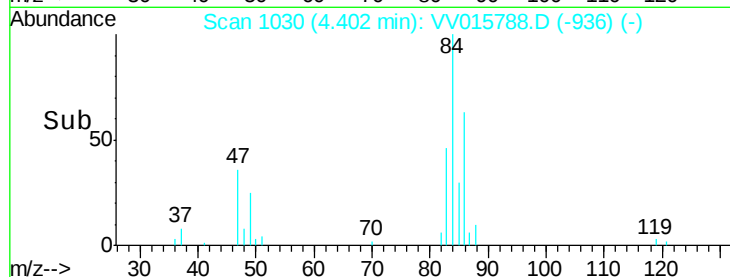
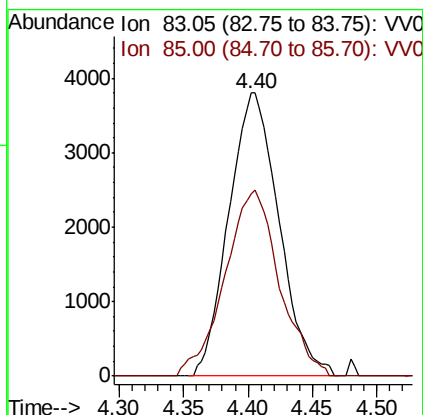
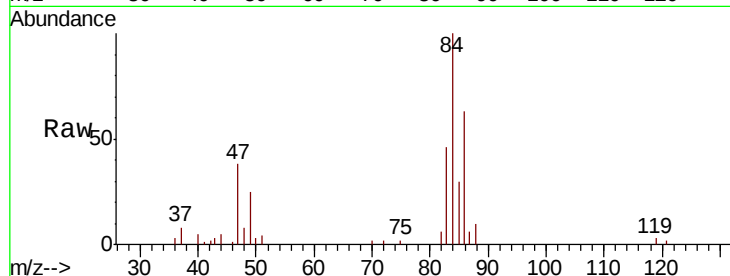




#25
Chloroform
Concen: 0.552 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015788.D
Acq: 29 Apr 2020 13:29

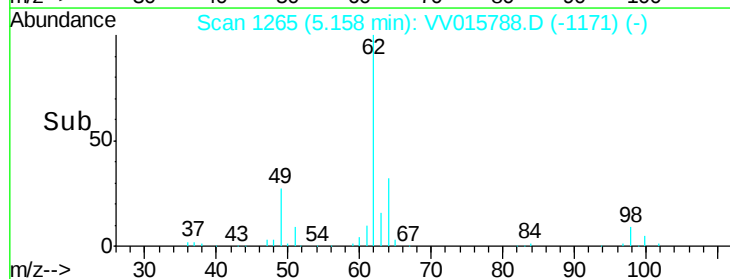
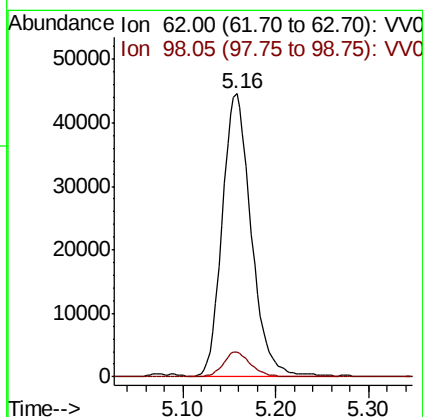
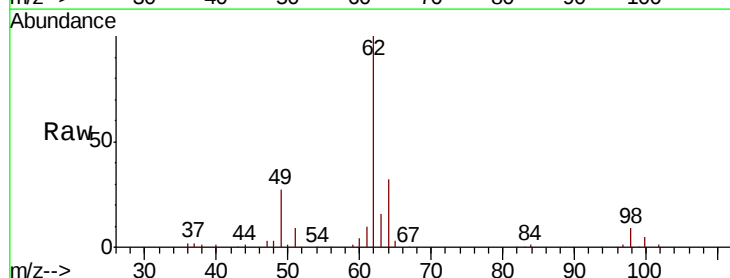
Instrument :
MSVOA_V
ClientSampleId :
DBFE0

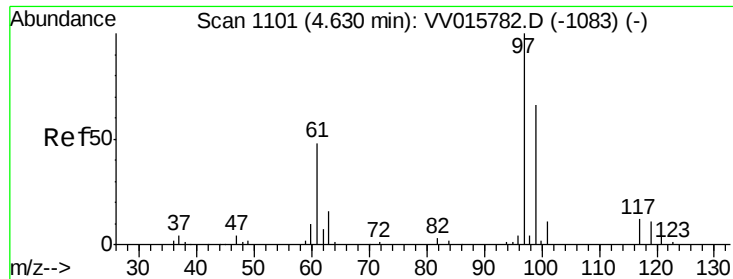
Tot Ion: 83 Resp: 10306
Ion Ratio Lower Upper
83 100
85 64.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 7.910 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV015788.D
Acq: 29 Apr 2020 13:29

Tgt Ion: 62 Resp: 97004
Ion Ratio Lower Upper
62 100
98 8.8 6.3 9.5

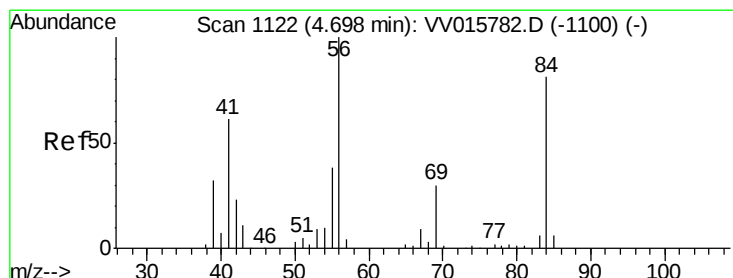
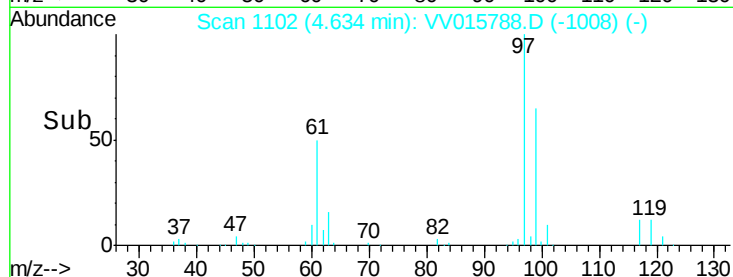
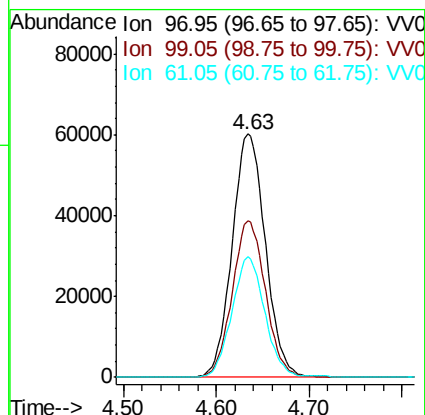
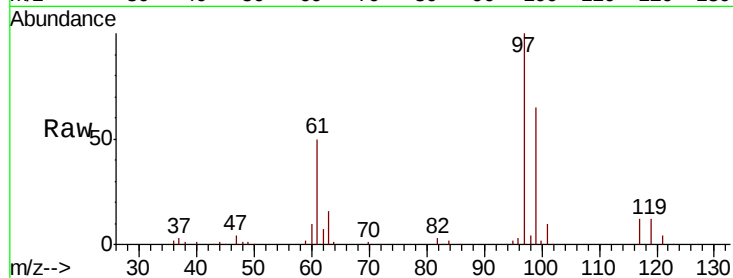




#29
1,1,1-Trichloroethane
Concen: 8.753 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV015788.D
Acq: 29 Apr 2020 13:29

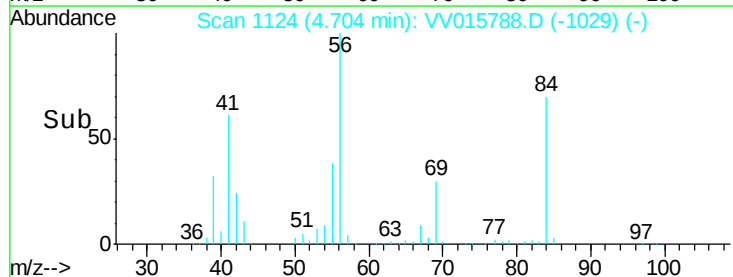
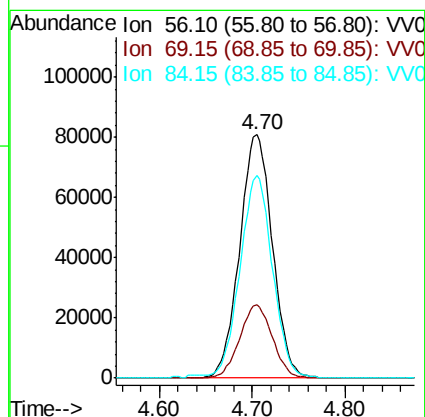
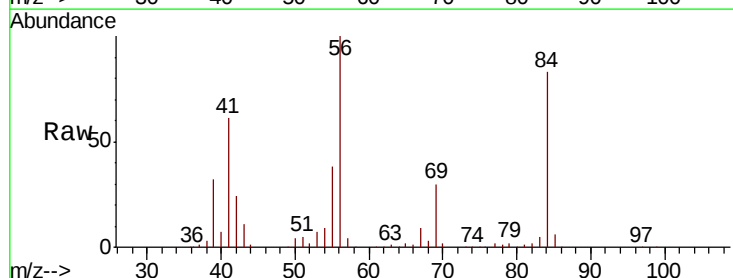
Instrument :
MSVOA_V
ClientSampleId :
DBFE0

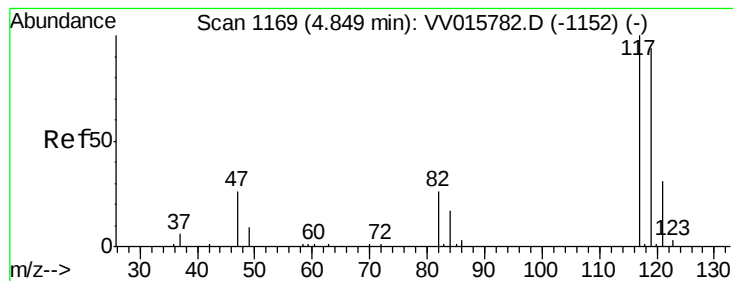
Tot Ion: 97 Resp: 149953
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 49.1 38.6 57.8



#30
Cyclohexane
Concen: 12.139 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VV015788.D
Acq: 29 Apr 2020 13:29

Tgt Ion: 56 Resp: 198675
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 82.9 66.9 100.3





#31

Carbon tetrachloride

Concen: 1.283 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.22 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

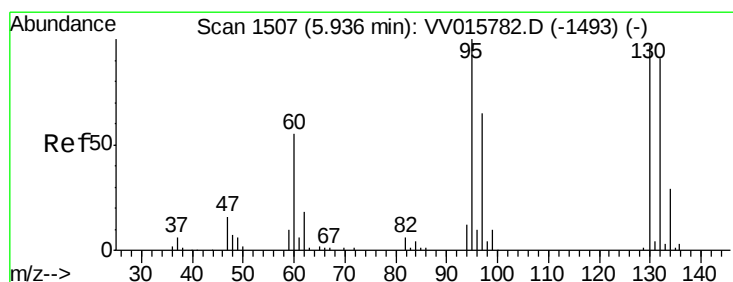
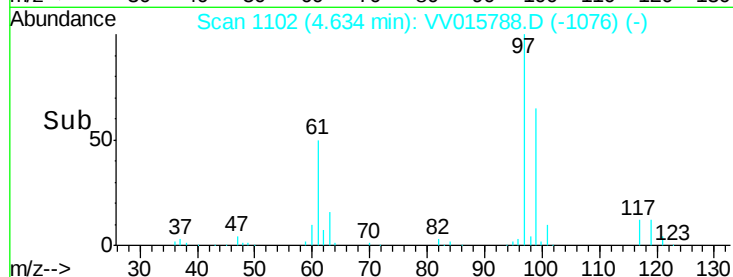
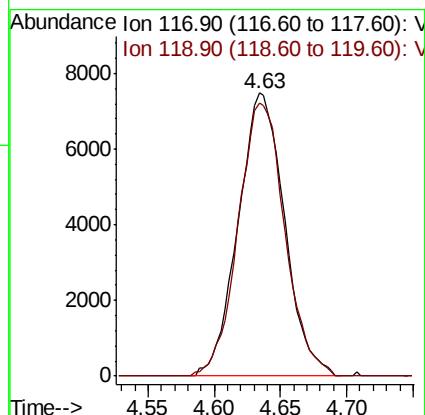
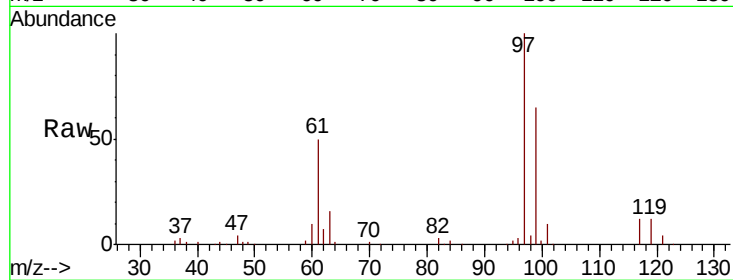
DBFE0

Tot Ion:117 Resp: 18198

Ion Ratio Lower Upper

117 100

119 97.3 75.6 113.4



#34

Trichloroethene

Concen: 5.361 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Tgt Ion: 95 Resp: 57143

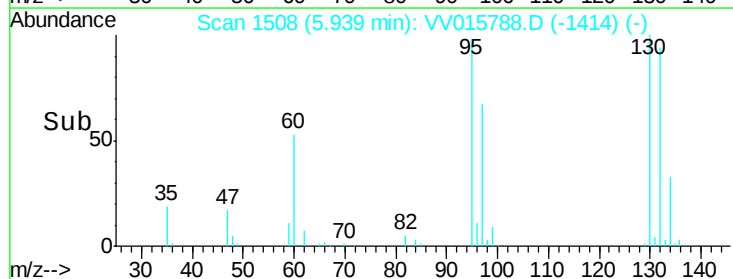
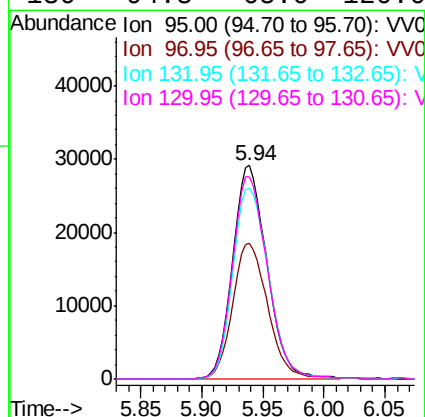
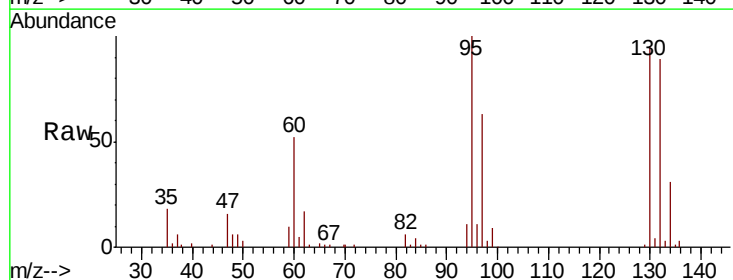
Ion Ratio Lower Upper

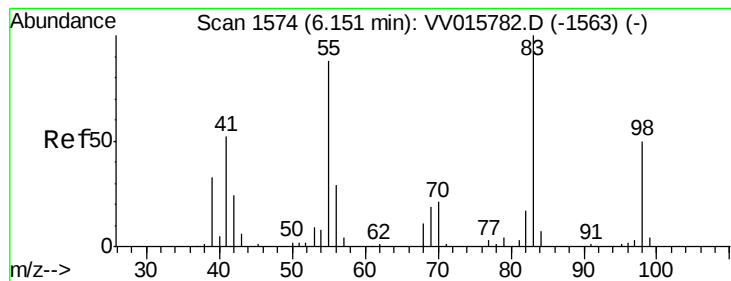
95 100

97 63.3 44.7 82.9

132 89.2 65.2 121.0

130 94.8 65.0 120.6





#35

Methvlcvclohexane

Concen: 6.819 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

DBFE0

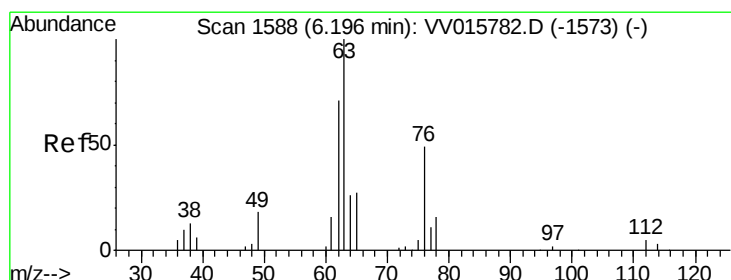
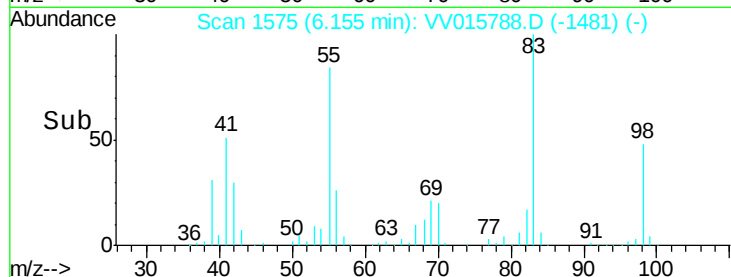
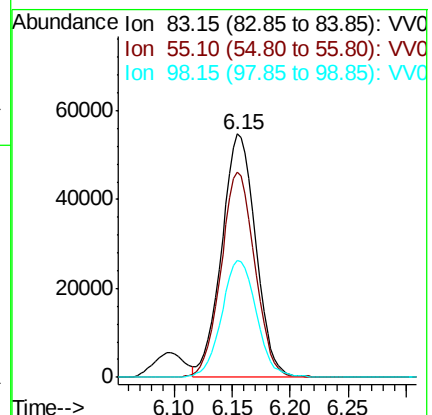
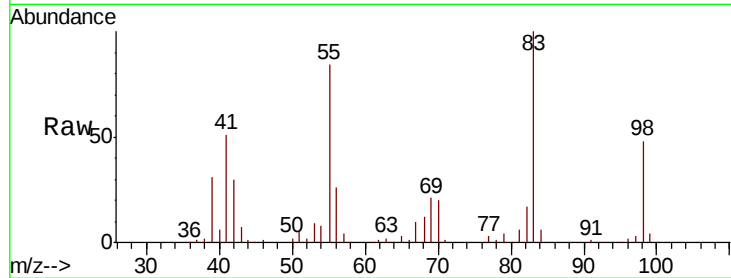
Tot Ion: 83 Resp: 111547

Ion Ratio Lower Upper

83 100

55 83.8 66.6 99.8

98 49.3 39.5 59.3



#37

1,2-Dichloropropane

Concen: 2.267 ug/L

RT: 6.20 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VV015788.D

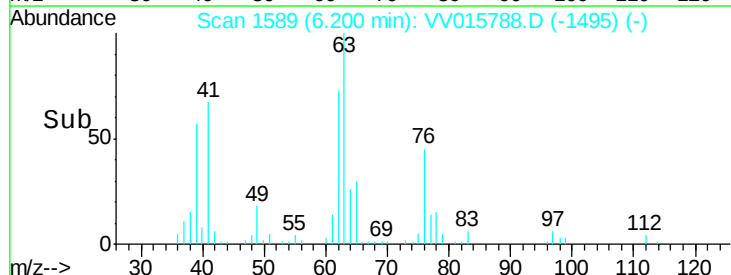
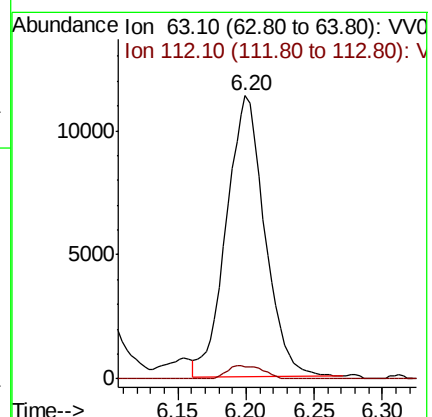
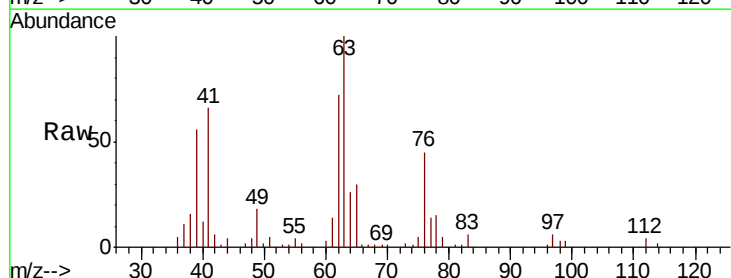
Acq: 29 Apr 2020 13:29

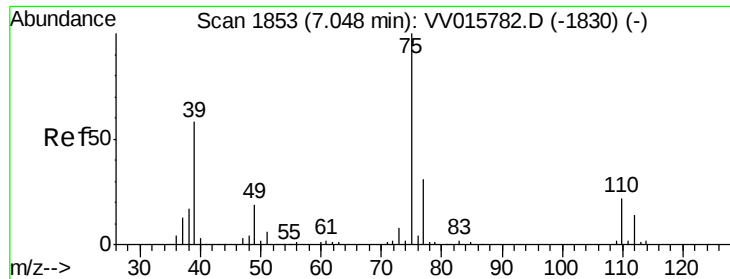
Tgt Ion: 63 Resp: 22241

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4

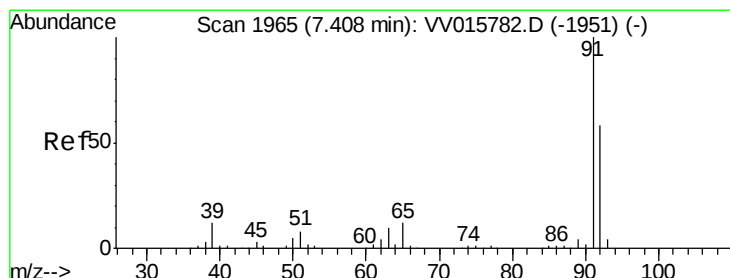
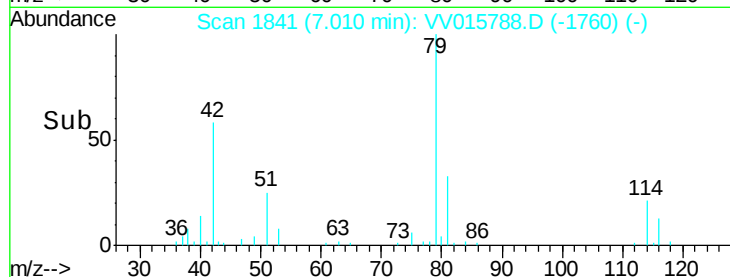
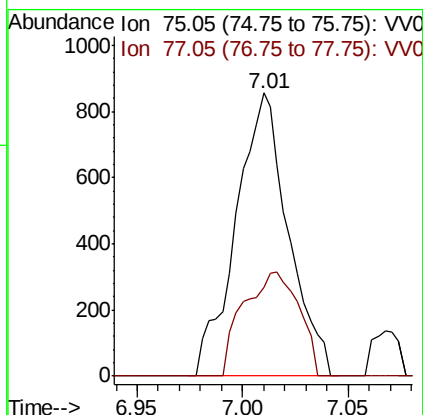
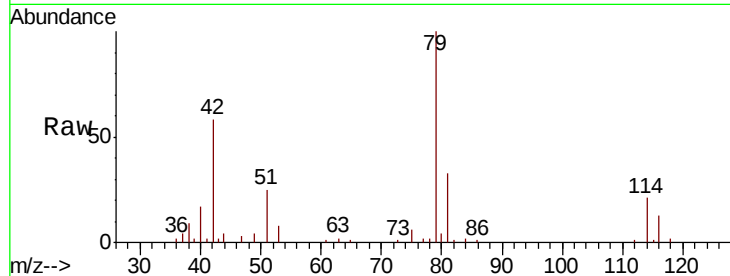




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

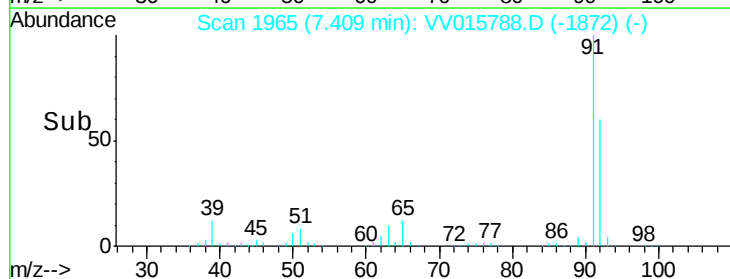
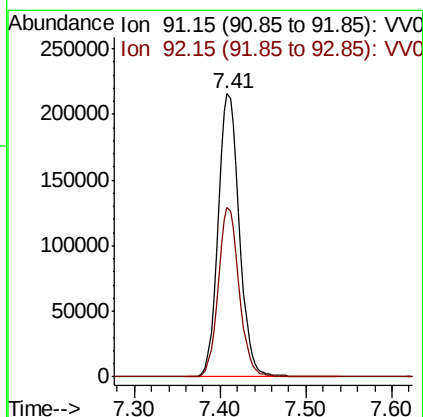
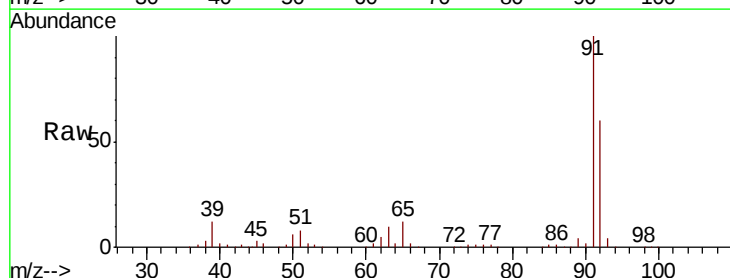
Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

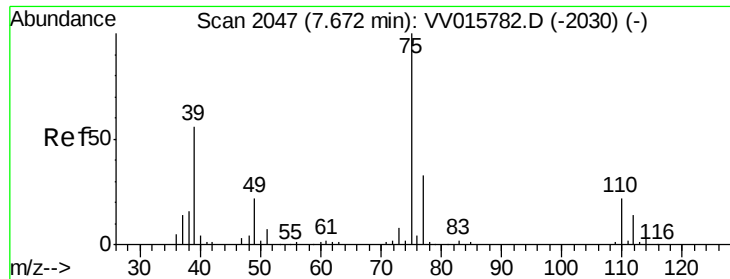
Tot Ion: 75 Resp: 1474
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.5



#42
 Toluene
 Concen: 8.991 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

Tgt Ion: 91 Resp: 370788
 Ion Ratio Lower Upper
 91 100
 92 59.8 40.7 75.7





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampled :

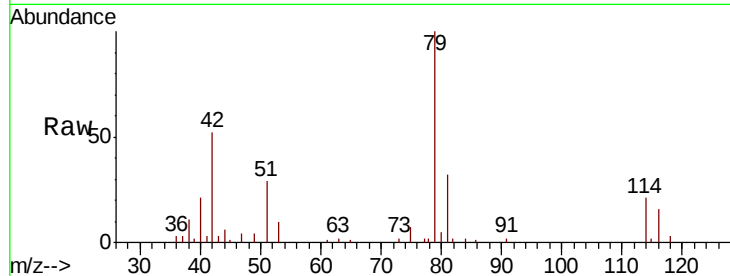
DBFE0

Tot Ion: 75 Resp: 810

Ion Ratio Lower Upper

75 100

77 28.7 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

500

400

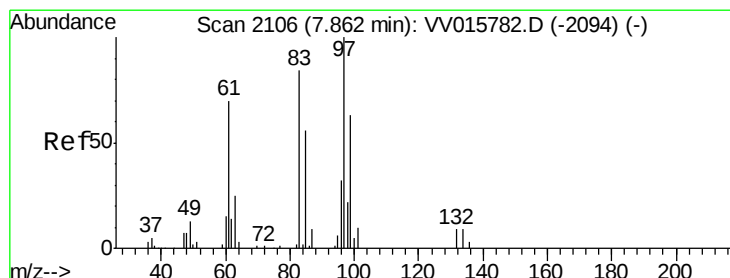
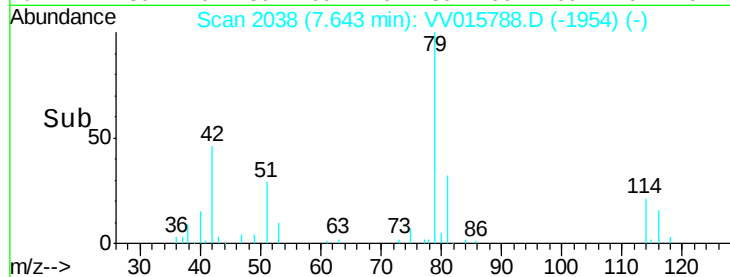
300

200

100

0

Time--> 7.60 7.62 7.64 7.66 7.68



#45

1,1,2-Trichloroethane

Concen: 0.105 ug/L

RT: 7.99 min Scan# 2146

Delta R.T. 0.13 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Tgt Ion: 97 Resp: 704

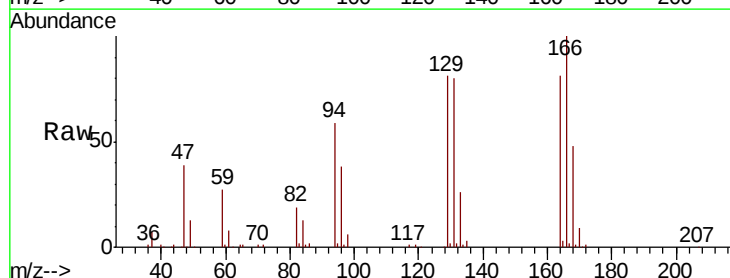
Ion Ratio Lower Upper

97 100

99 0.0 45.4 84.4#

83 200.9 61.3 113.9#

85 52.7 38.4 71.4



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

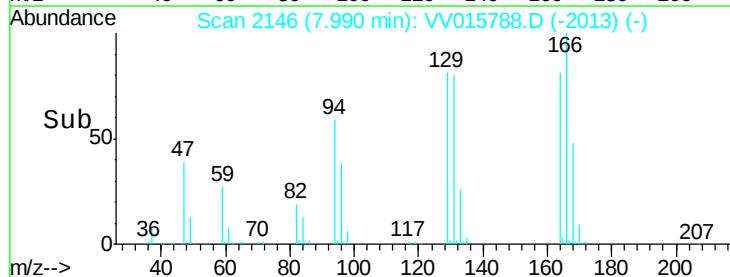
1500

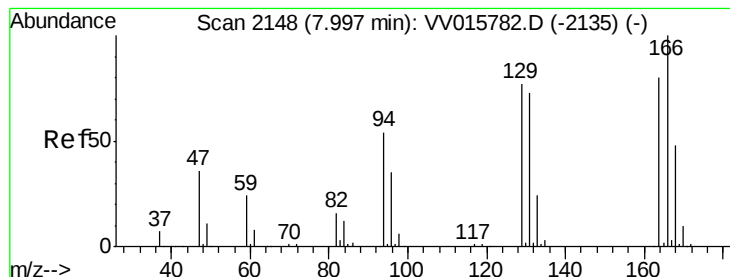
1000

500

0

Time--> 7.96 7.98 8.00 8.02





#47

Tetrachloroethene

Concen: 9.090 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :
MSVOA_V
ClientSampleId :
DBFE0

Tot Ion:164 Resp: 69760

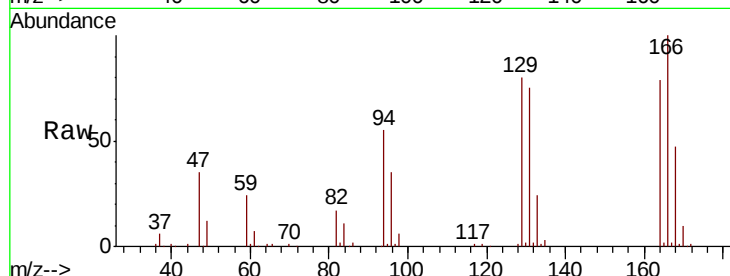
Ion Ratio Lower Upper

164 100

129 100.8 66.7 123.9

131 95.2 66.6 123.6

166 126.6 85.3 158.5

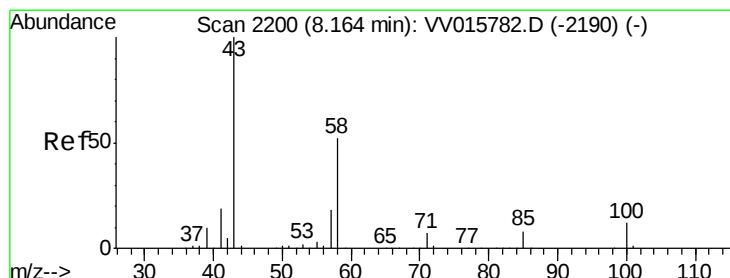
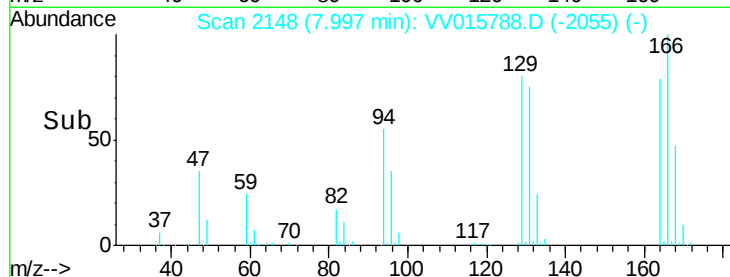
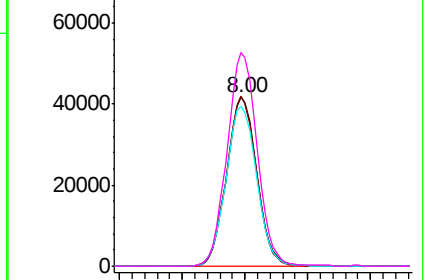


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 52.088 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.01 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Tgt Ion: 43 Resp: 236499

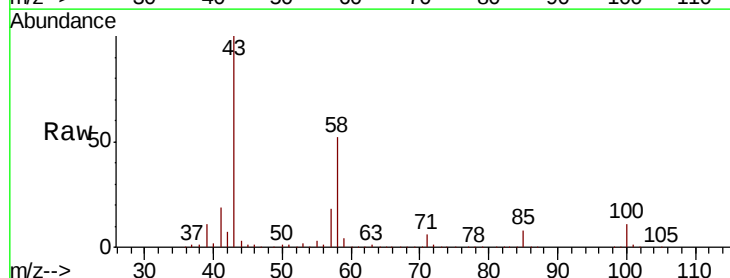
Ion Ratio Lower Upper

43 100

58 50.6 41.1 61.7

57 18.1 15.0 22.4

100 11.3 9.0 13.4

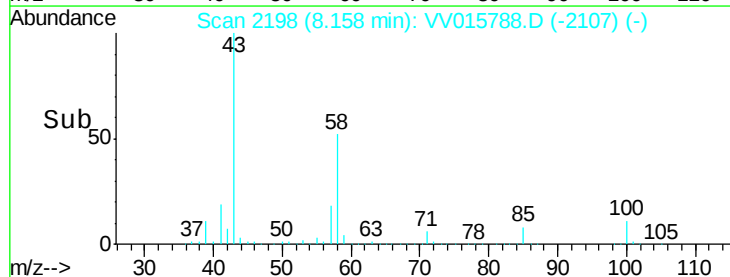
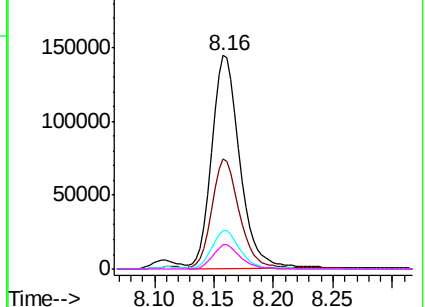


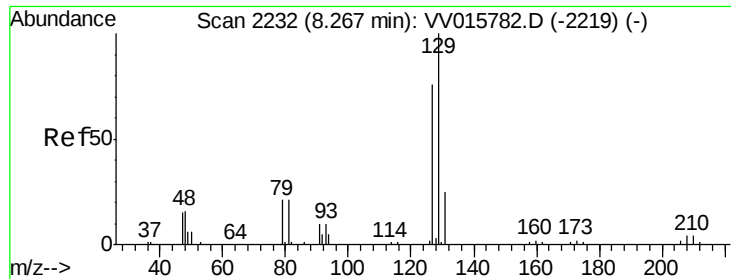
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 9.788 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

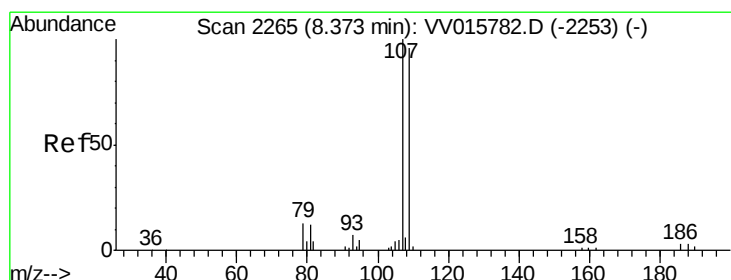
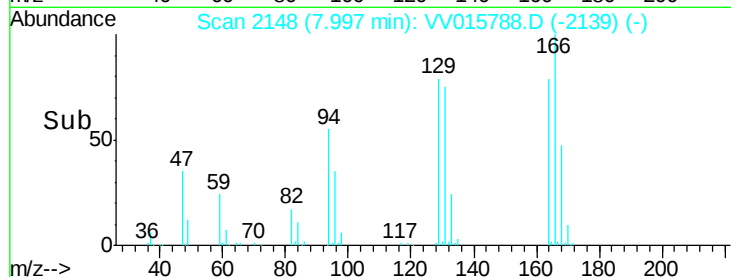
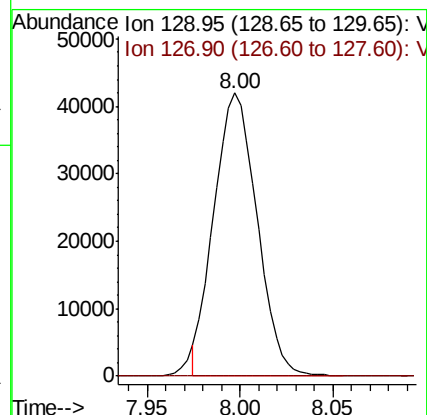
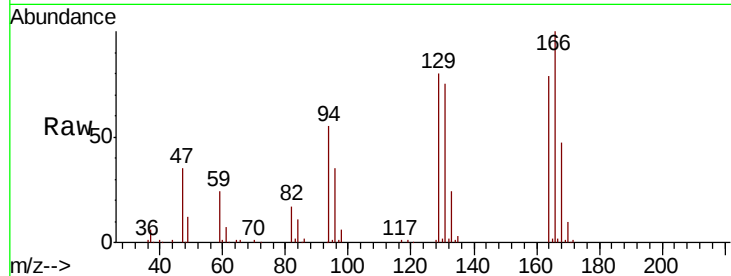
DBFE0

Tot Ion:129 Resp: 67734

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



#50

1,2-Dibromoethane

Concen: 16.330 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

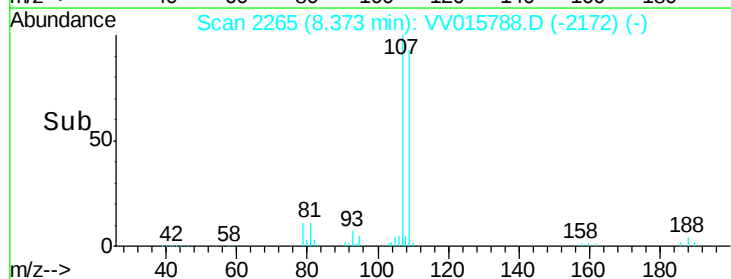
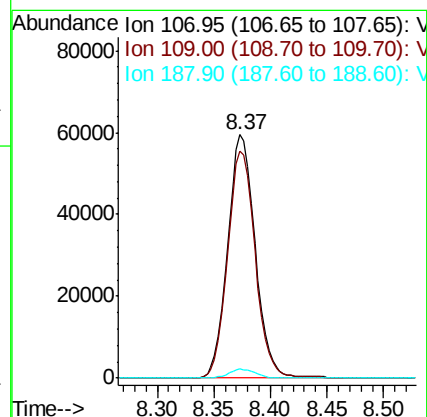
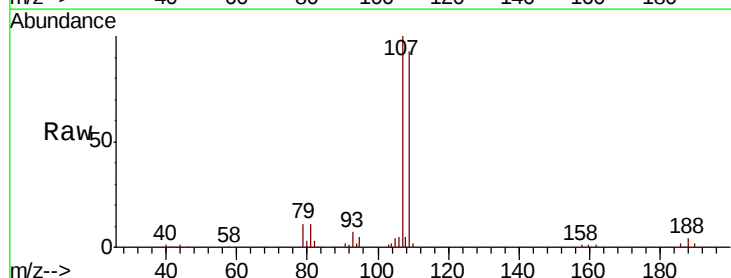
Tgt Ion:107 Resp: 100980

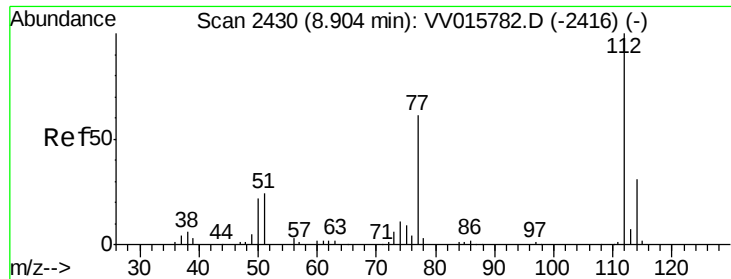
Ion Ratio Lower Upper

107 100

109 93.2 68.1 126.5

188 3.7 3.2 4.8





#51

Chlorobenzene

Concen: 10.826 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

DBFE0

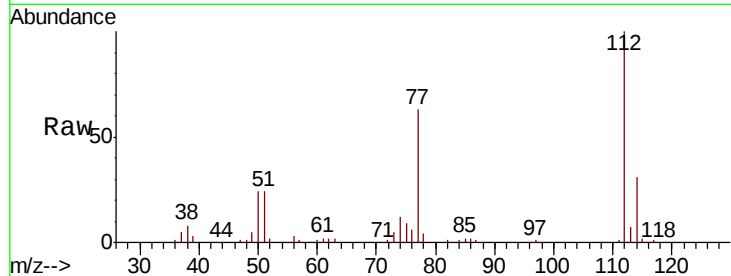
Tot Ion:112 Resp: 292477

Ion Ratio Lower Upper

112 100

114 31.2 21.6 40.2

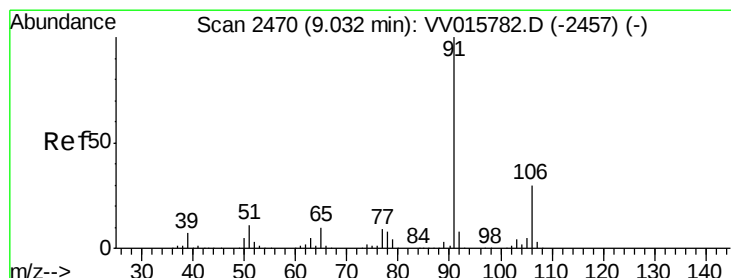
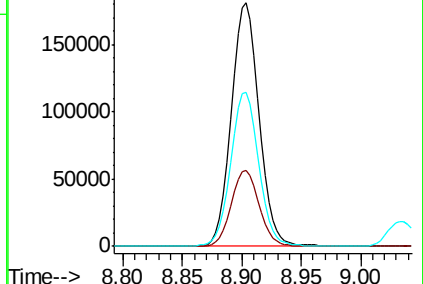
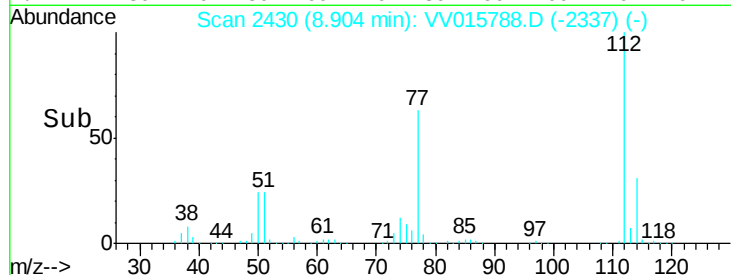
77 63.5 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 6.770 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015788.D

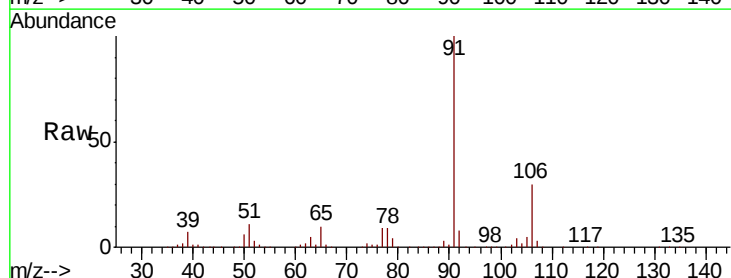
Acq: 29 Apr 2020 13:29

Tgt Ion: 91 Resp: 323077

Ion Ratio Lower Upper

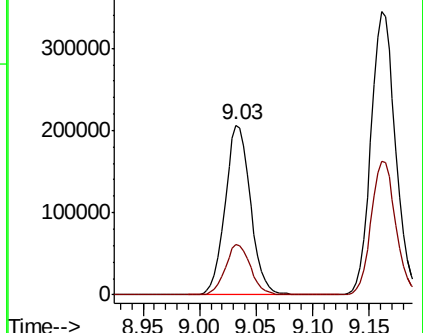
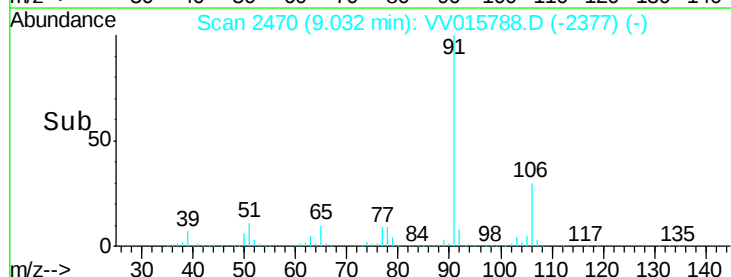
91 100

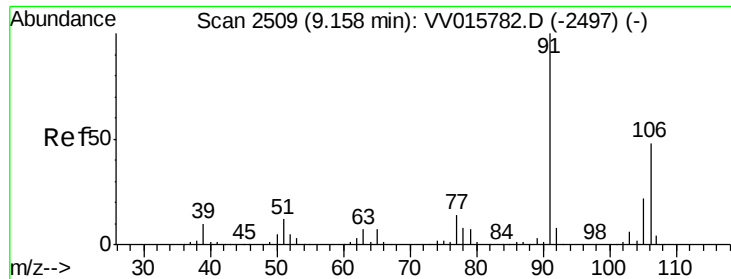
106 29.7 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 14.159 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

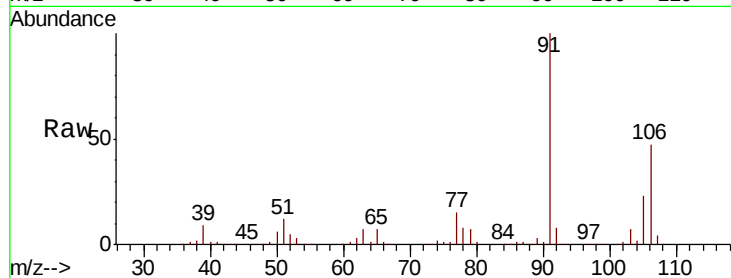
DBFE0

Tot Ion:106 Resp: 247513

Ion Ratio Lower Upper

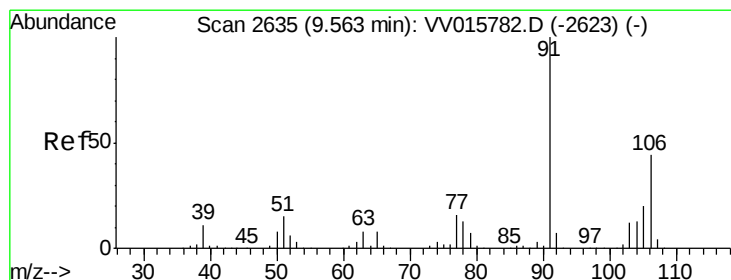
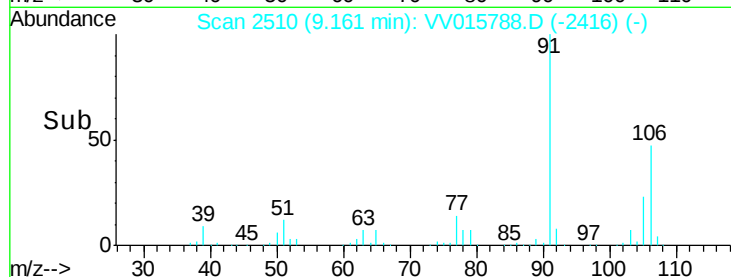
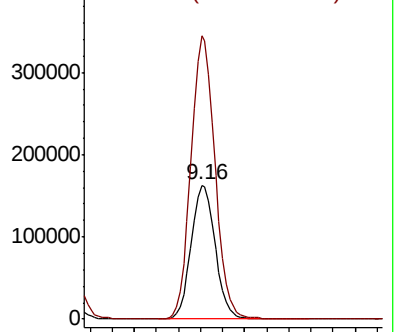
106 100

91 211.0 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 5.695 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015788.D

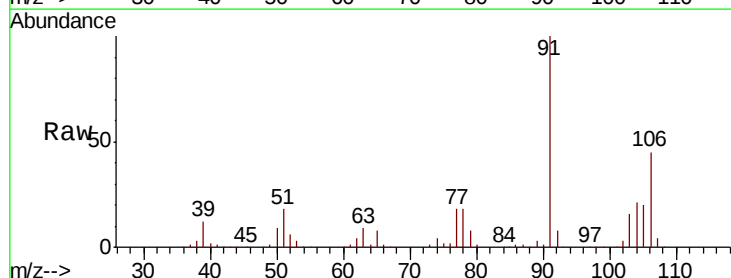
Acq: 29 Apr 2020 13:29

Tgt Ion:106 Resp: 96328

Ion Ratio Lower Upper

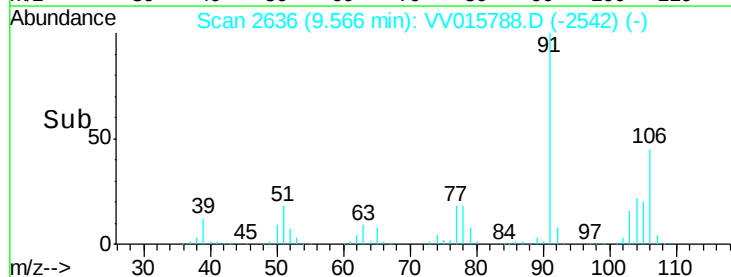
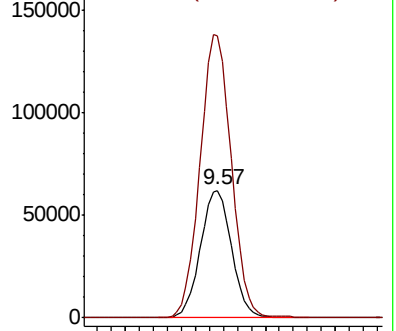
106 100

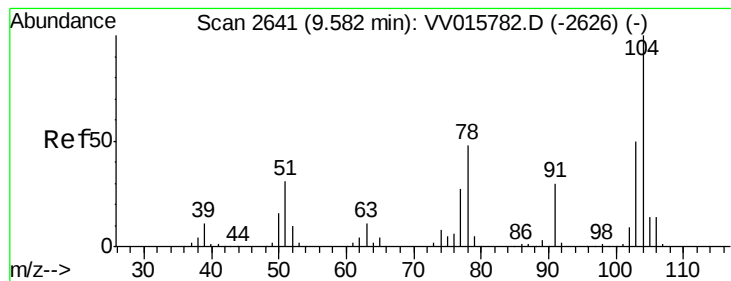
91 221.9 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 5.658 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

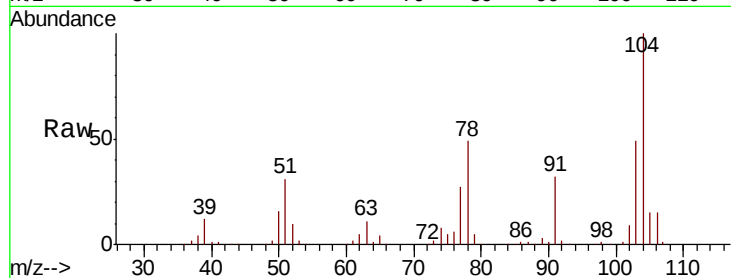
Instrument :
MSVOA_V
ClientSampleId :
DBFE0

Tot Ion:104 Resp: 162389

Ion Ratio Lower Upper

104 100

78 49.1 34.5 64.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

9.58

120000

100000

80000

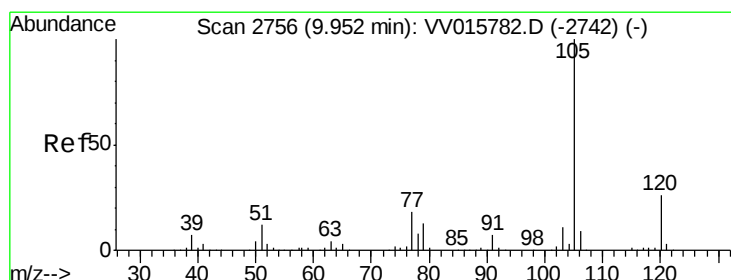
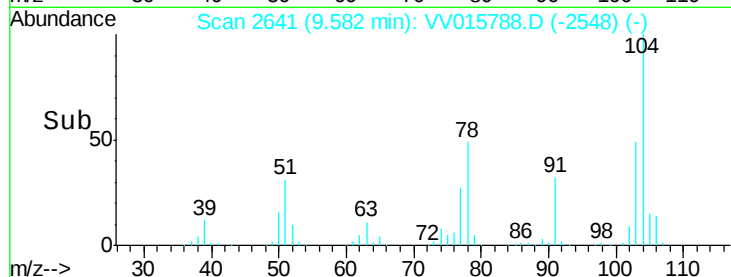
60000

40000

20000

0

Time-->



#56

Isopropylbenzene

Concen: 3.406 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

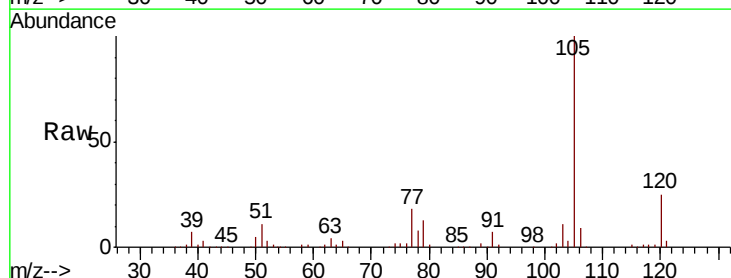
Tgt Ion:105 Resp: 161628

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

77 17.6 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

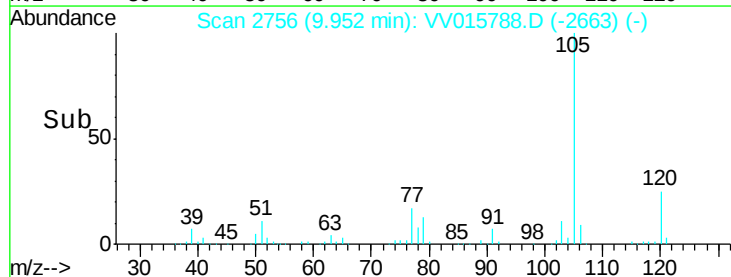
9.95

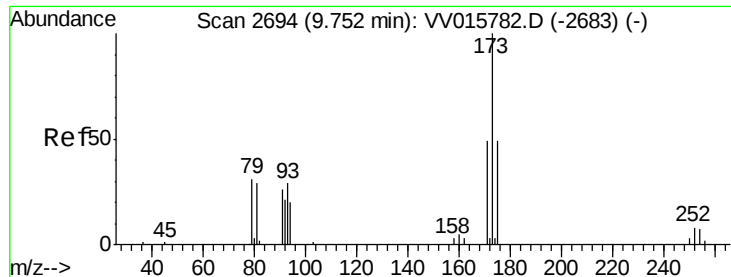
100000

50000

0

Time-->





#61

Bromoform

Concen: 5.396 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

DBFE0

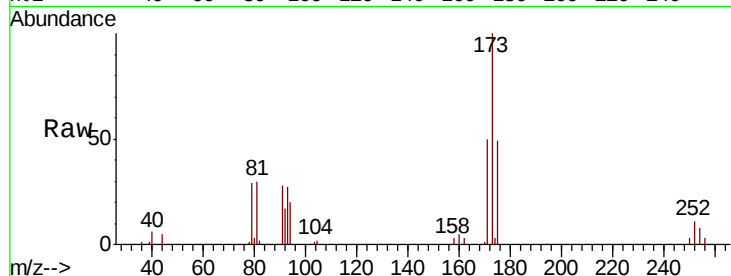
Tot Ion:173 Resp: 14670

Ion Ratio Lower Upper

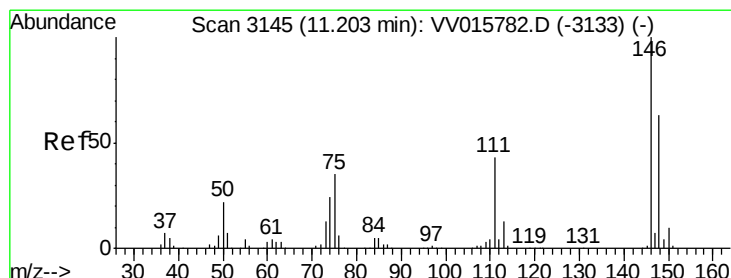
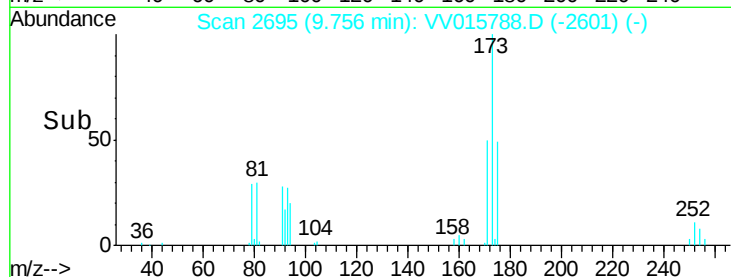
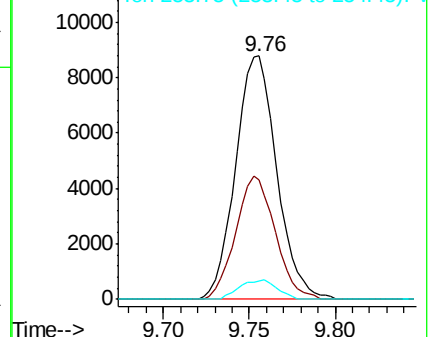
173 100

175 48.5 39.8 59.8

254 7.4 5.8 8.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#62

1,3-Dichlorobenzene

Concen: 4.440 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.09 min

Lab File: VV015788.D

Acq: 29 Apr 2020 13:29

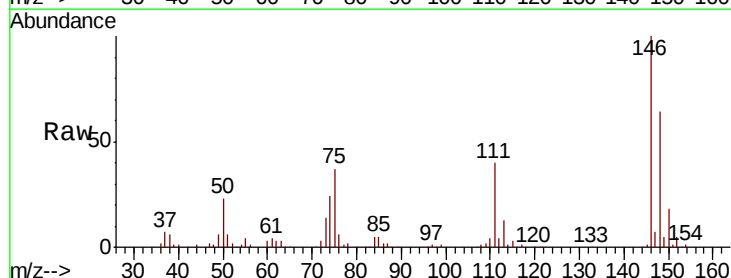
Tgt Ion:146 Resp: 92554

Ion Ratio Lower Upper

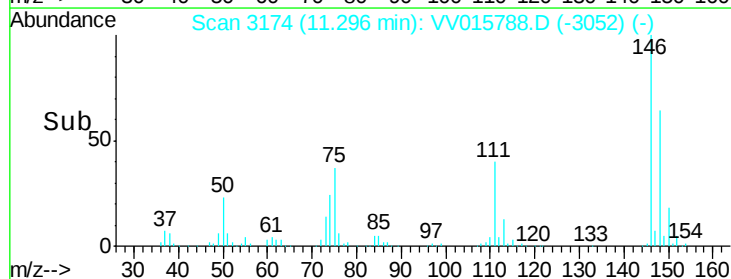
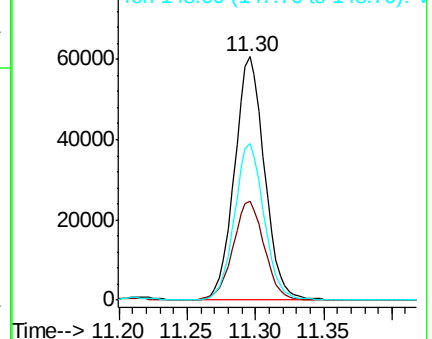
146 100

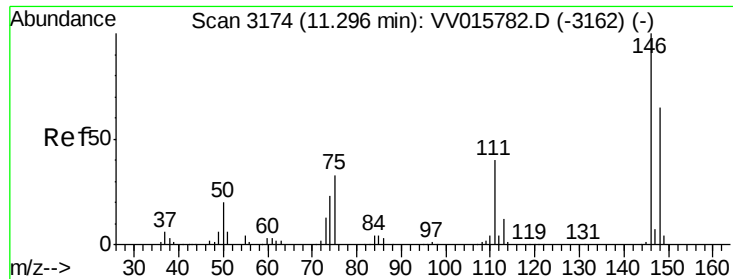
111 40.5 30.0 55.6

148 64.2 44.2 82.2



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

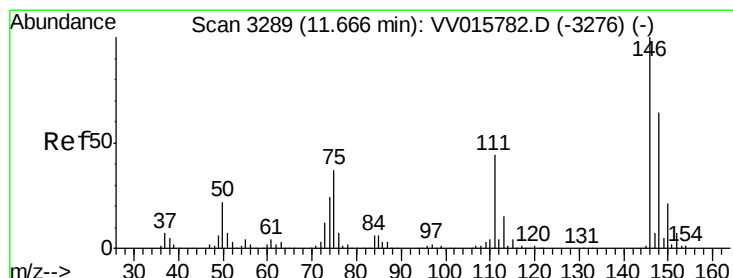
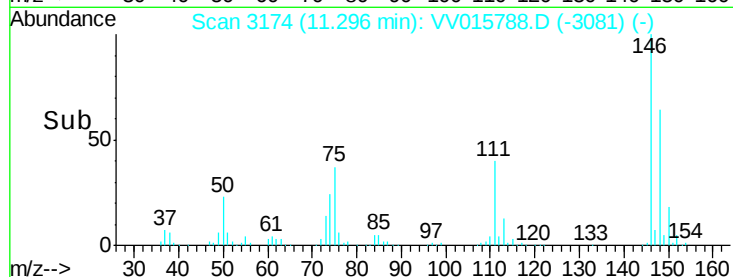
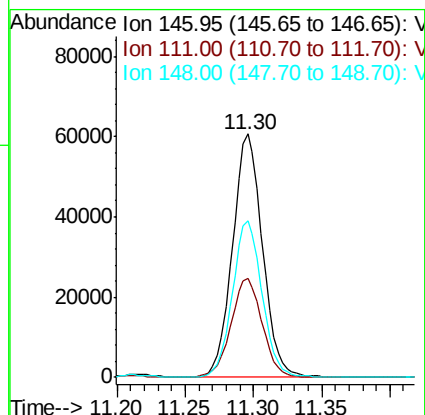
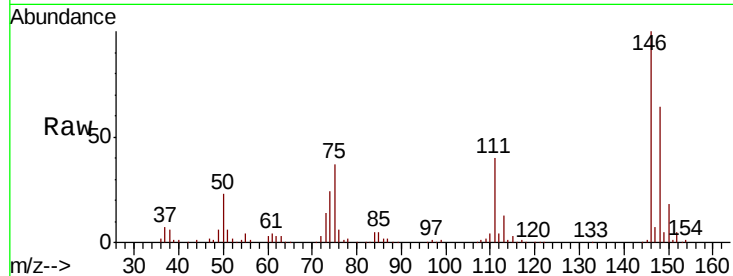




#63
 1,4-Dichlorobenzene
 Concen: 4.403 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

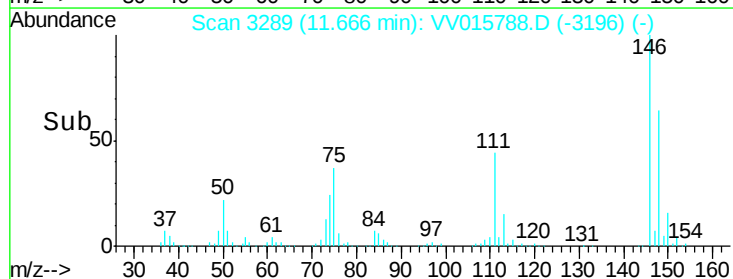
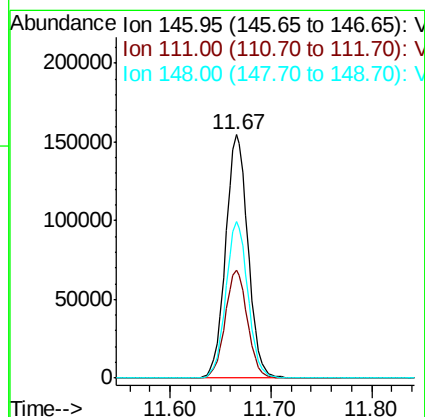
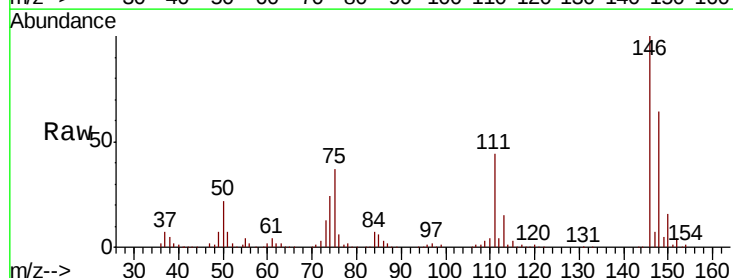
Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

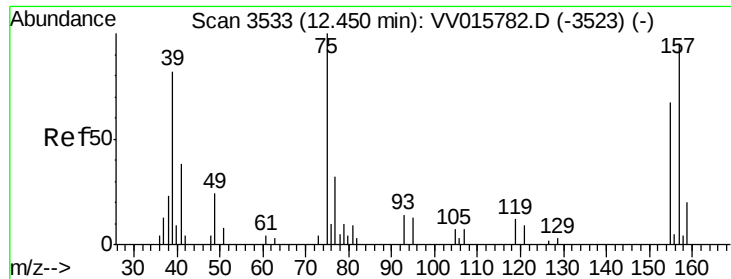
Tot Ion:146 Resp: 92554
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.2 52.4
 148 64.2 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 12.699 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

Tgt Ion:146 Resp: 239422
 Ion Ratio Lower Upper
 146 100
 111 44.3 34.7 52.1
 148 64.2 51.3 76.9

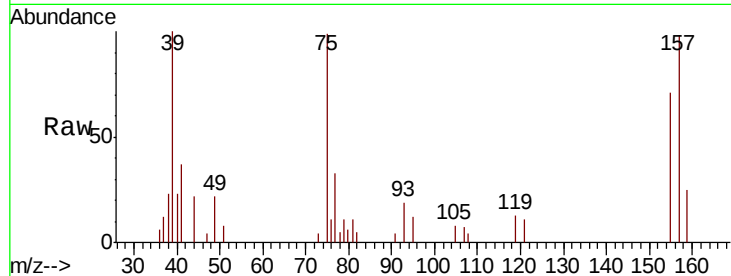




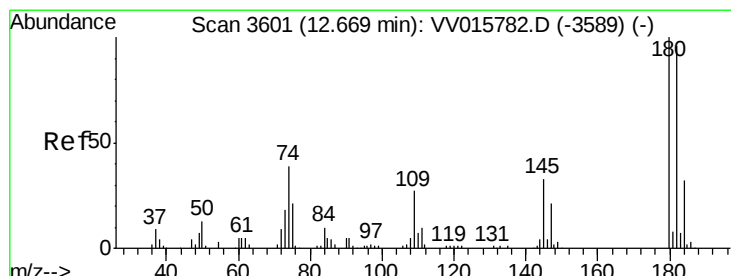
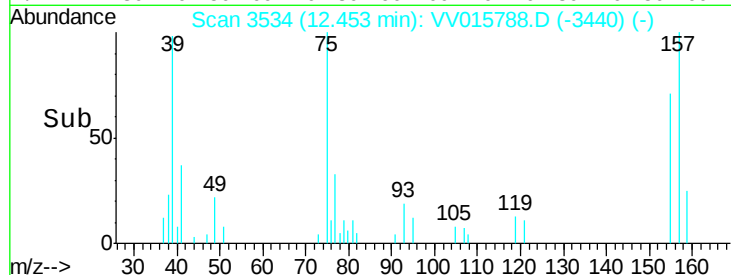
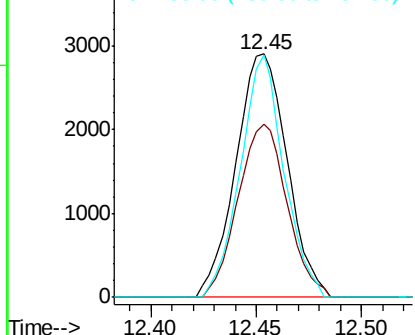
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.002 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

Tot Ion: 75 Resp: 4915
 Ion Ratio Lower Upper
 75 100
 155 71.3 51.0 76.4
 157 99.5 70.6 106.0

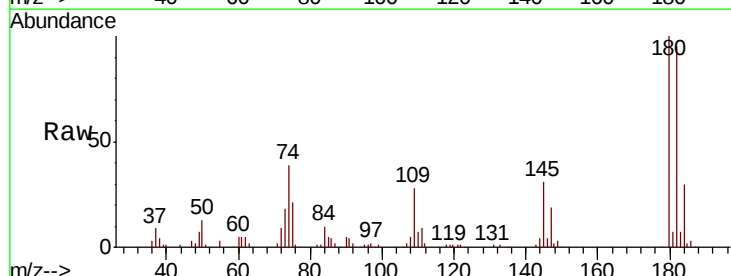


Abundance Ion 75.05 (74.75 to 75.75): VV015788.D (-3440) (-)
 Ion 154.95 (154.65 to 155.65): VV015788.D (-3440) (-)
 Ion 156.90 (156.60 to 157.60): VV015788.D (-3440) (-)

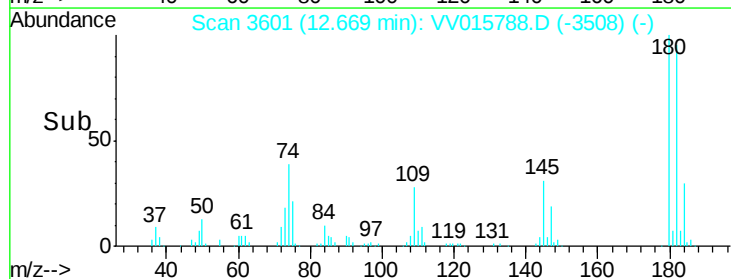
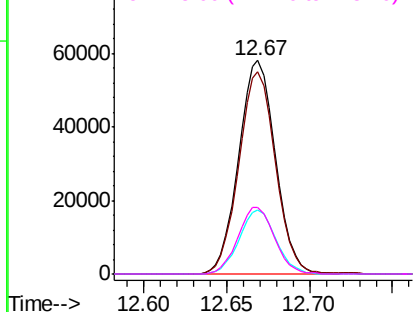


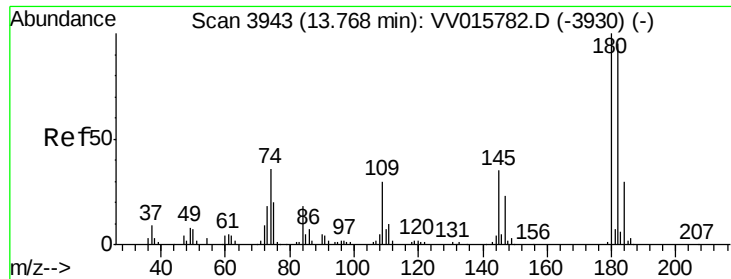
#67
 1,3,5-Trichlorobenzene
 Concen: 5.801 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

Tgt Ion: 180 Resp: 89360
 Ion Ratio Lower Upper
 180 100
 182 94.5 78.2 117.4
 184 30.0 25.0 37.4
 145 31.2 26.4 39.6



Abundance Ion 180.00 (179.70 to 180.70): VV015788.D (-3508) (-)
 Ion 182.00 (181.70 to 182.70): VV015788.D (-3508) (-)
 Ion 184.00 (183.70 to 184.70): VV015788.D (-3508) (-)
 Ion 145.00 (144.70 to 145.70): VV015788.D (-3508) (-)





#70
 1,2,3-Trichlorobenzene
 Concen: 10.339 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015788.D
 Acq: 29 Apr 2020 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.8	112.2
145	34.4	28.4	42.6

