

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015803.D
 Acq On : 29 Apr 2020 19:23
 Operator : SY/MD
 Sample : L2421-07DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS8DL

Quant Time: Apr 30 01:42:27 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	140761	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39215	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	32743	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	58809	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.92	46	102424	43.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.72%
24) Chloroform-d	4.38	84	60898	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	5.06	65	46720	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	157489	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.09	67	50223	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.34	98	141386	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.64	79	17008	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.12	63	71572	36.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31914	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	50823	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
6) Bromomethane	1.53	94	444	0.093 ug/L	95
12) 1,1-Dichloroethene	2.12	96	874	0.107 ug/L #	1
16) Methylene chloride	2.52	84	2866	0.283 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	1645	0.072 ug/L #	72
19) 1,1-Dichloroethane	3.21	63	1035	0.057 ug/L #	80
22) cis-1,2-Dichloroethene	3.94	96	7651	0.754 ug/L	91
25) Chloroform	4.40	83	23649	1.237 ug/L	96
27) 1,2-Dichloroethane	5.17	62	1122	0.089 ug/L #	78
33) Benzene	5.13	78	2900	0.074 ug/L	100
34) Trichloroethene	5.94	95	60444	5.613 ug/L	98
35) Methylcyclohexane	6.09	83	12189	0.737 ug/L #	16
37) 1,2-Dichloropropane	6.20	63	1106	0.112 ug/L #	86
38) Bromodichloromethane	6.54	83	1402	0.111 ug/L #	77
39) cis-1,3-Dichloropropene	7.05	75	1483	0.107 ug/L	85
42) Toluene	7.41	91	4677	0.112 ug/L	91
45) 1,1,2-Trichloroethane	7.87	97	802	0.119 ug/L	96
47) Tetrachloroethene	8.00	164	1478	0.191 ug/L	80

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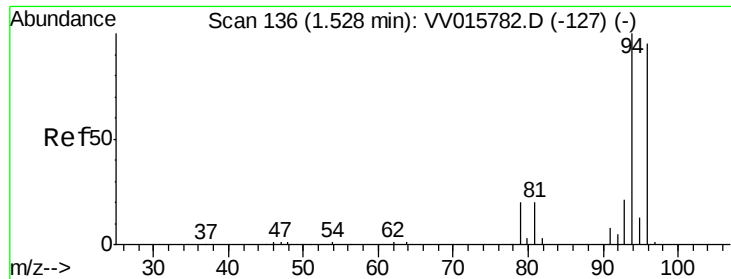
Instrument :
 MSVOA_V
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) 2-Hexanone	8.17	43	7923	1.727	ug/L	93
49) Dibromochloromethane	8.26	129	739	0.106	ug/L	95
50) 1,2-Dibromoethane	8.38	107	798	0.128	ug/L #	93
51) Chlorobenzene	8.91	112	3264	0.120	ug/L #	83
52) Ethylbenzene	9.04	91	4915	0.102	ug/L	93
53) m,p-xylene	9.17	106	1511	0.086	ug/L	88
54) o-xylene	9.57	106	1762	0.103	ug/L	99
55) Styrene	9.59	104	2838	0.098	ug/L	82
56) Isopropylbenzene	9.95	105	4322	0.090	ug/L #	96
58) 1,1,2,2-Tetrachloroethane	10.27	83	1201	0.152	ug/L #	93
59) 1,2,3-Trichloropropane	10.29	75	898	0.142	ug/L	93
61) Bromoform	9.76	173	315	0.118	ug/L #	62
62) 1,3-Dichlorobenzene	11.21	146	2506	0.122	ug/L	92
63) 1,4-Dichlorobenzene	11.30	146	3036	0.147	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	2282	0.123	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	1824	0.120	ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	1458	0.105	ug/L	98
69) Naphthalene	13.53	128	2282	0.091	ug/L #	90
70) 1,2,3-Trichlorobenzene	13.77	180	1298	0.106	ug/L	96

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



#6

Bromomethane

Concen: 0.093 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

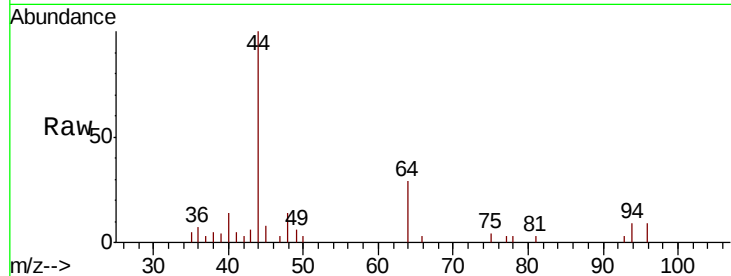
BFSA8DL

Tot Ion: 94 Resp: 444

Ion Ratio Lower Upper

94 100

96 100.8 67.3 125.1

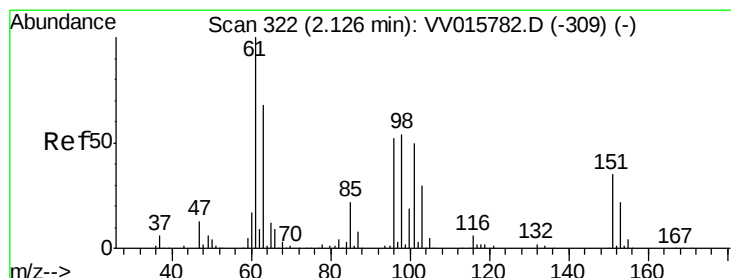
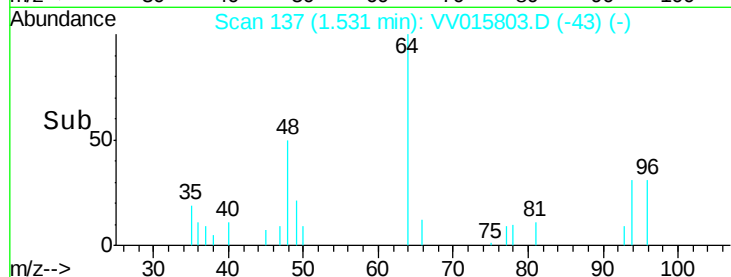


Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.53

Time-->



#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

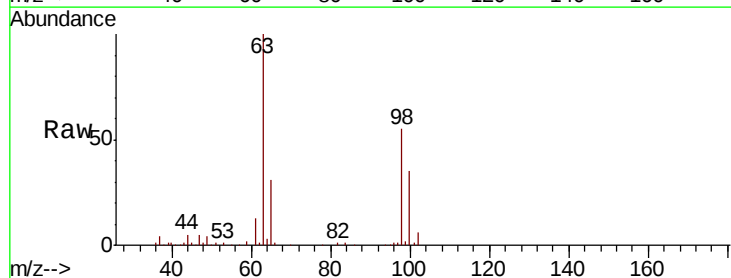
Tgt Ion: 96 Resp: 874

Ion Ratio Lower Upper

96 100

61 965.0 130.1 241.7#

63 7227.0 91.4 169.8#



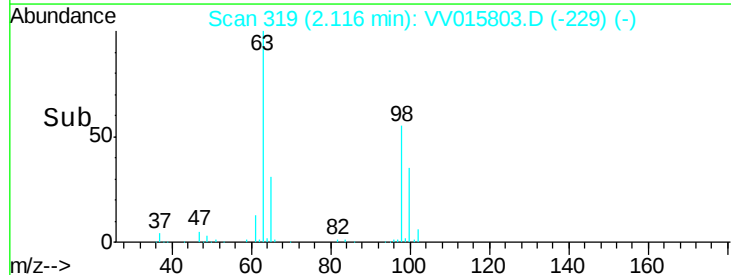
Abundance Ion 96.00 (95.70 to 96.70): VV0

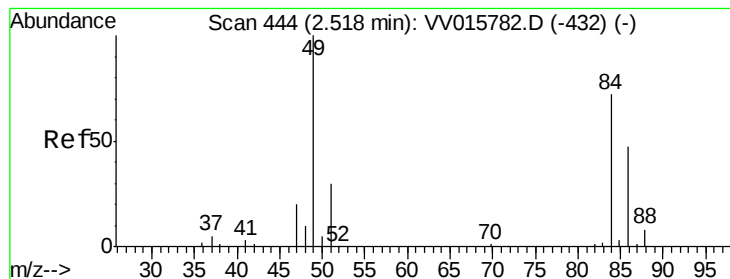
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

2.12

Time-->





#16

Methylene chloride

Concen: 0.283 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

BFSA8DL

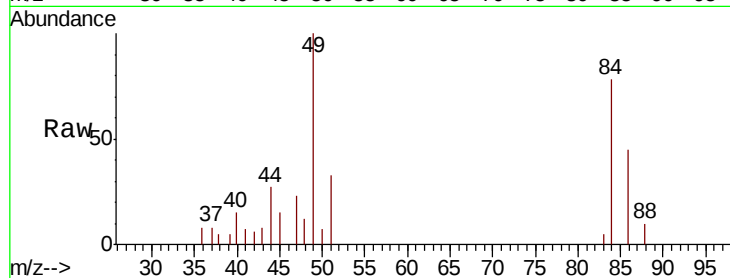
Tot Ion: 84 Resp: 2866

Ion Ratio Lower Upper

84 100

86 57.6 45.1 83.7

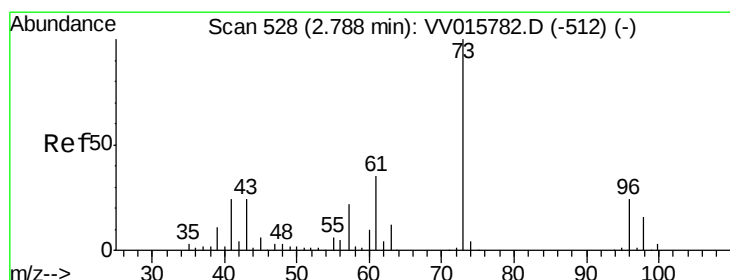
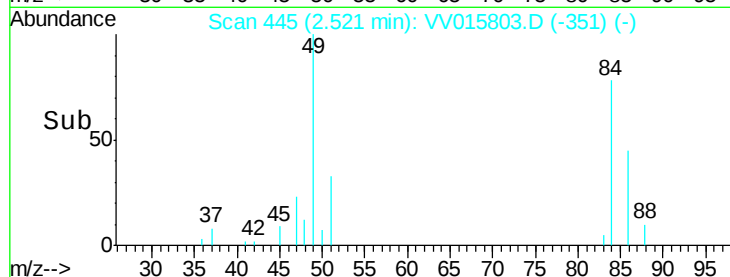
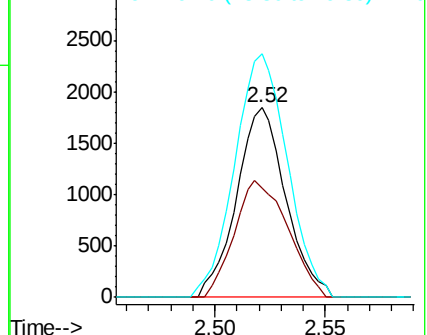
49 128.6 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#17

Methyl tert-butyl Ether

Concen: 0.072 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

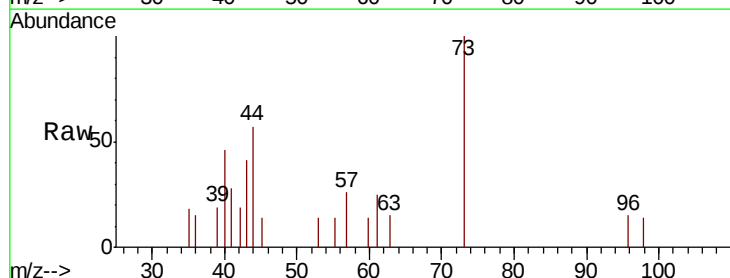
Tgt Ion: 73 Resp: 1645

Ion Ratio Lower Upper

73 100

43 50.2 20.1 30.1#

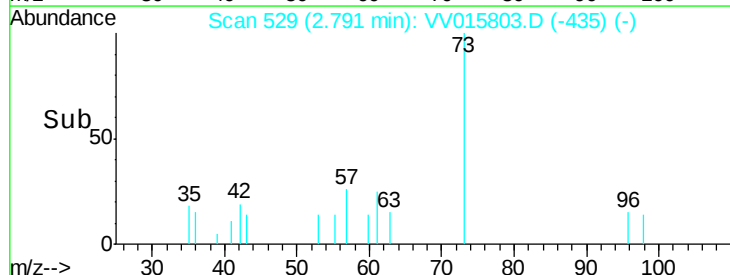
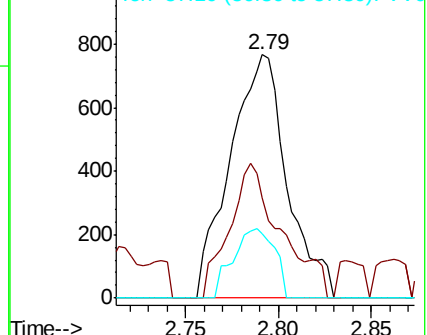
57 20.7 17.8 26.8

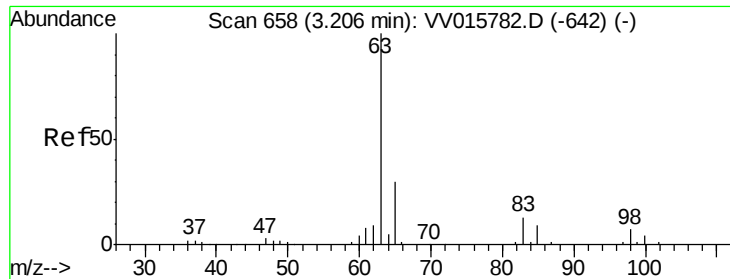


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

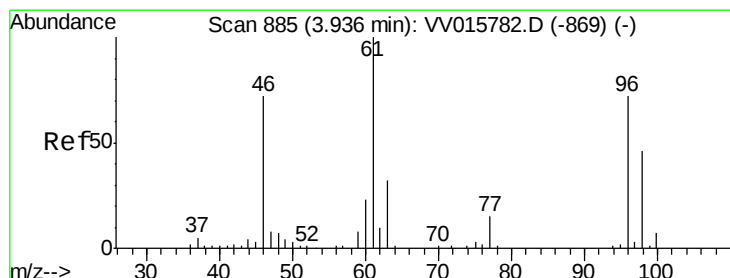
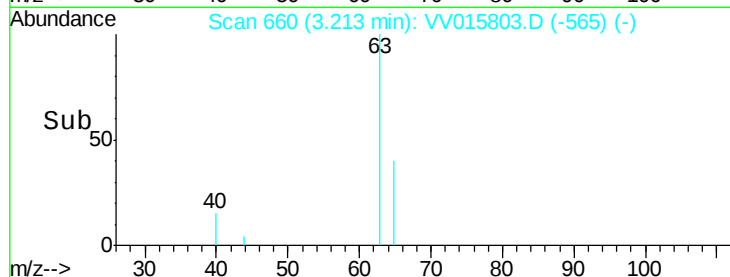
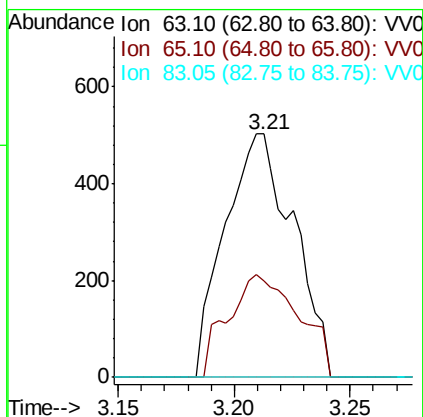
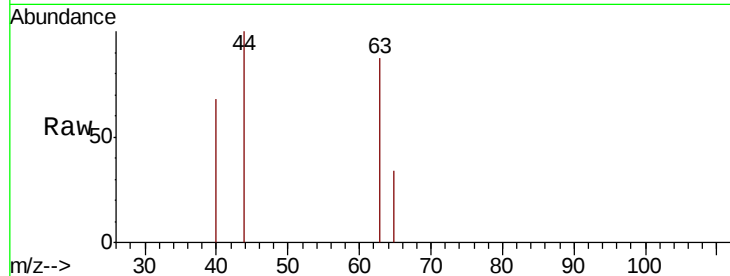




#19
 1,1-Dichloroethane
 Concen: 0.057 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

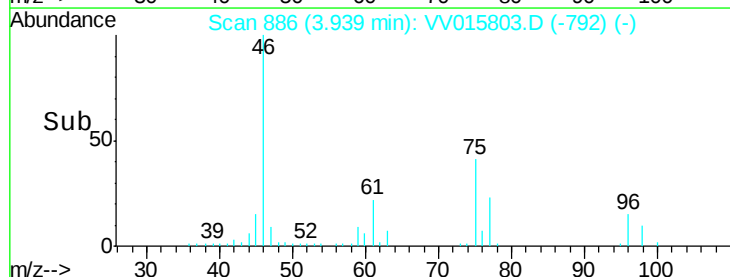
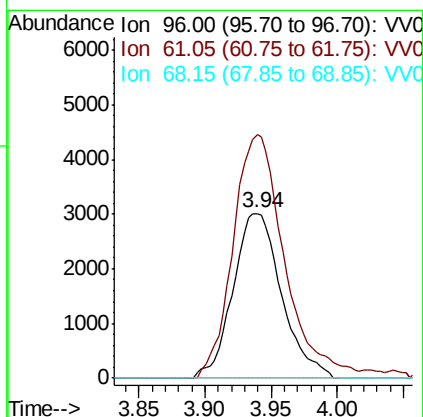
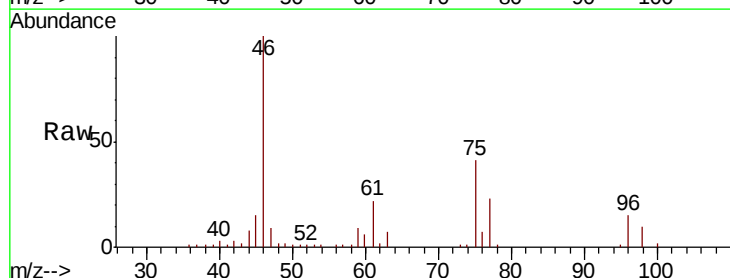
Instrument :
 MSVOA_V
 ClientSampleId :
 BFS8DL

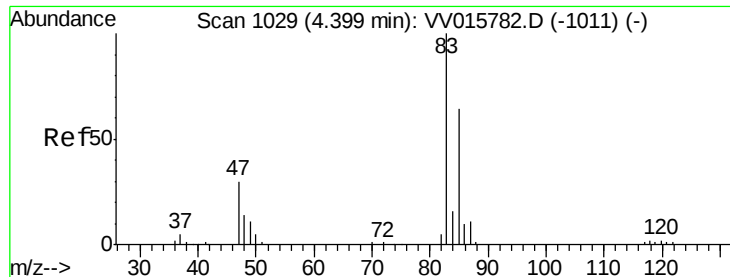
Tot Ion: 63 Resp: 1035
 Ion Ratio Lower Upper
 63 100
 65 39.6 22.3 41.3
 83 0.0 9.3 17.3#



#22
 cis-1,2-Dichloroethene
 Concen: 0.754 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

Tgt Ion: 96 Resp: 7651
 Ion Ratio Lower Upper
 96 100
 61 148.1 96.4 179.0
 68 0.0 0.0 0.0

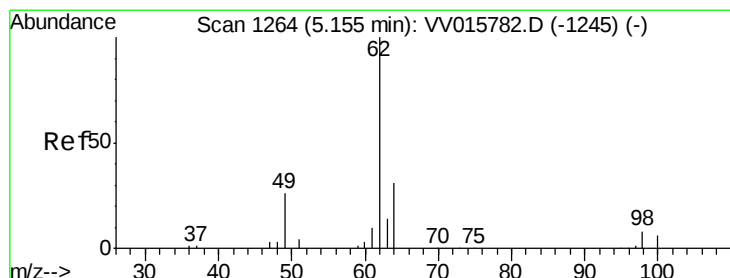
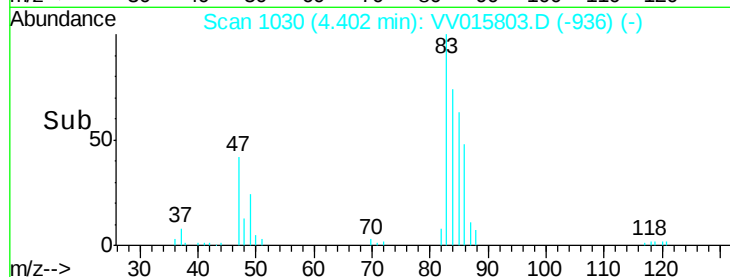
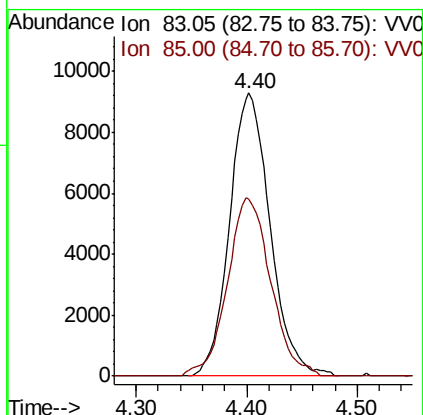
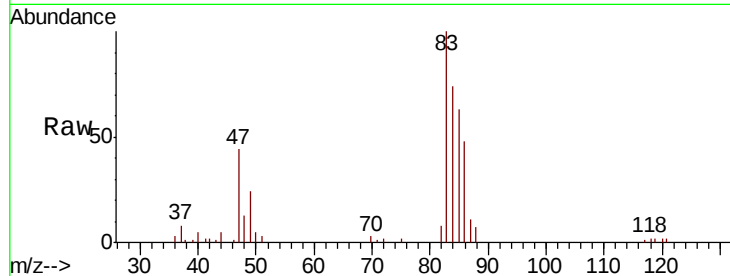




#25
Chloroform
Concen: 1.237 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015803.D
Acq: 29 Apr 2020 19:23

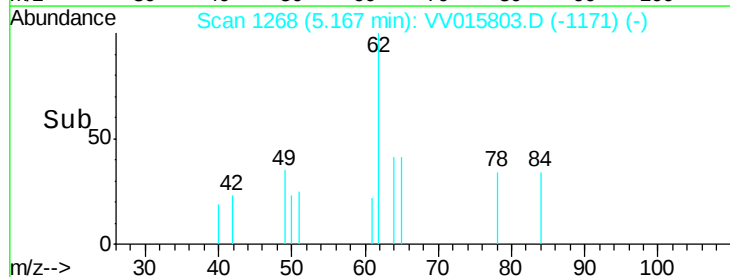
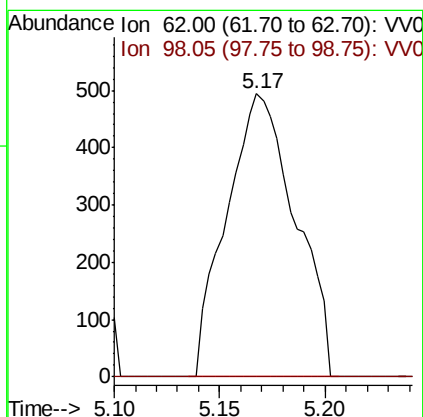
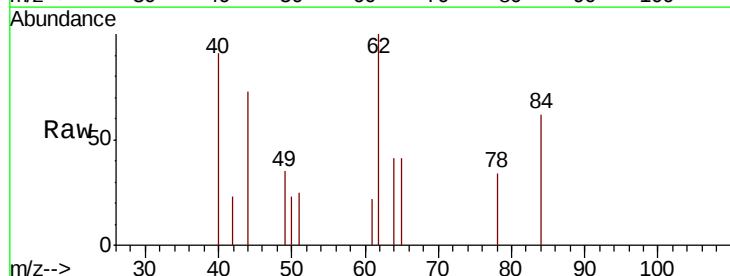
Instrument :
MSVOA_V
ClientSampleId :
BFS8DL

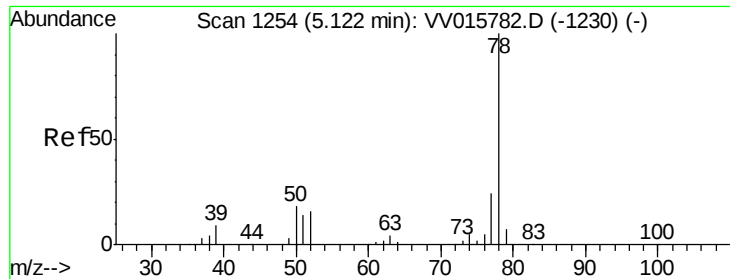
Tot Ion: 83 Resp: 23649
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.089 ug/L
RT: 5.17 min Scan# 1268
Delta R.T. 0.01 min
Lab File: VV015803.D
Acq: 29 Apr 2020 19:23

Tgt Ion: 62 Resp: 1122
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#





#33

Benzene

Concen: 0.074 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

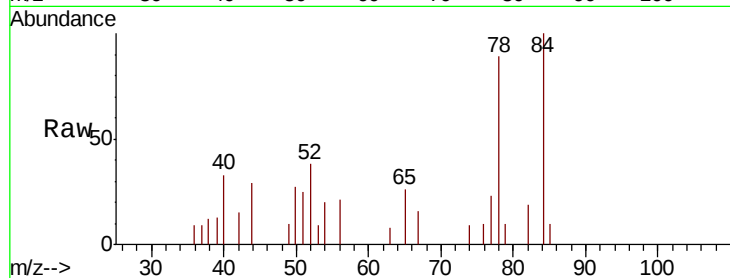
Instrument :

MSVOA_V

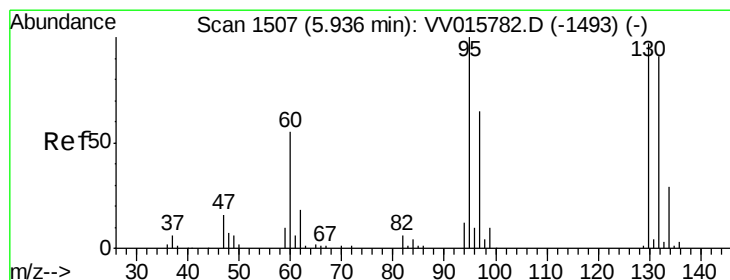
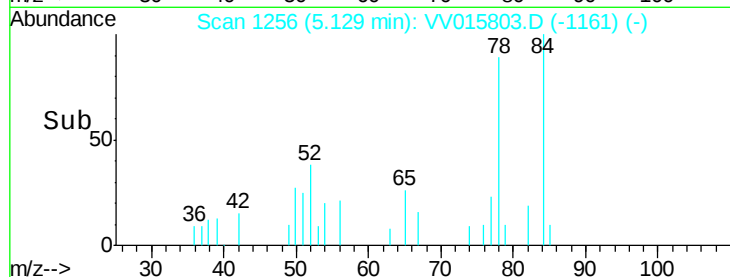
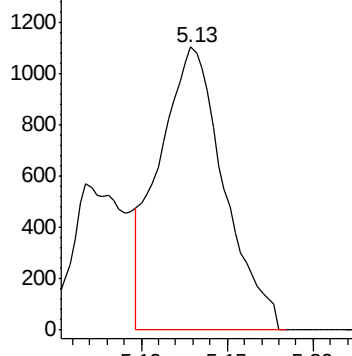
ClientSampleId :

BFSA8DL

Tgt Ion: 78 Resp: 2900



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.613 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Tgt Ion: 95 Resp: 60444

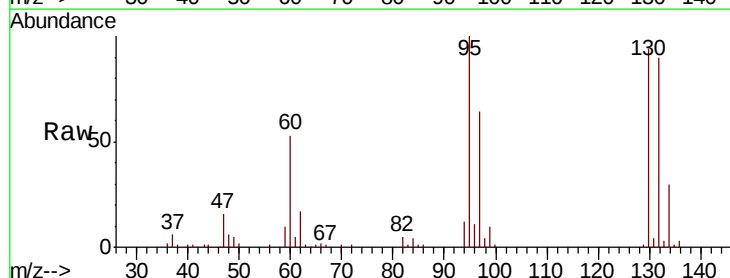
Ion Ratio Lower Upper

95 100

97 63.6 44.7 82.9

132 90.3 65.2 121.0

130 94.1 65.0 120.6

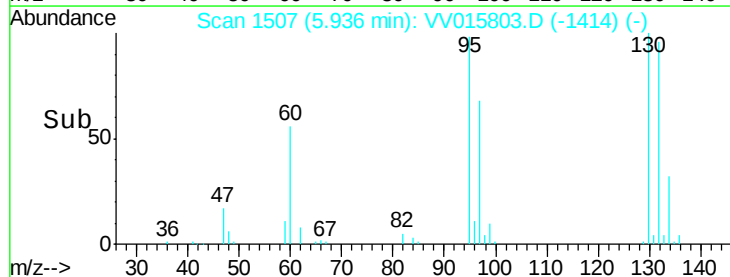
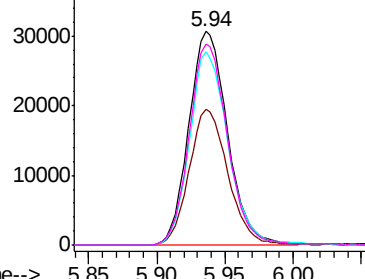


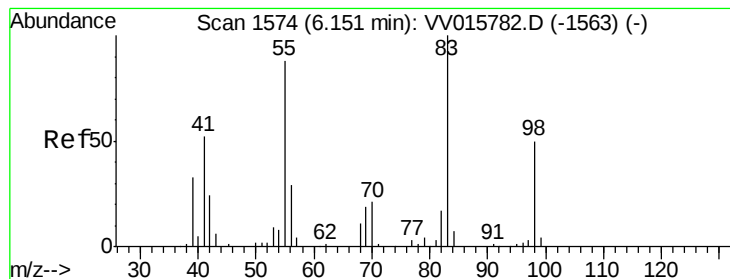
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#35

Methvlcvclohexane

Concen: 0.737 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

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MSVOA_V

ClientSampleId :

BFSA8DL

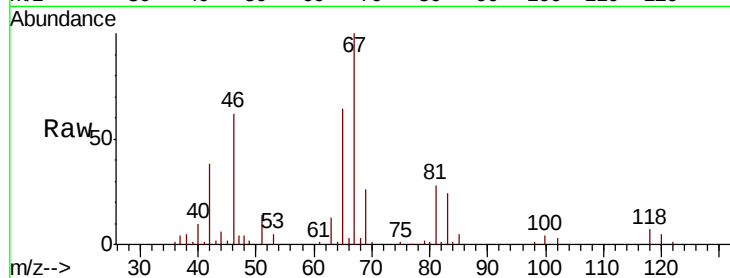
Tot Ion: 83 Resp: 12189

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

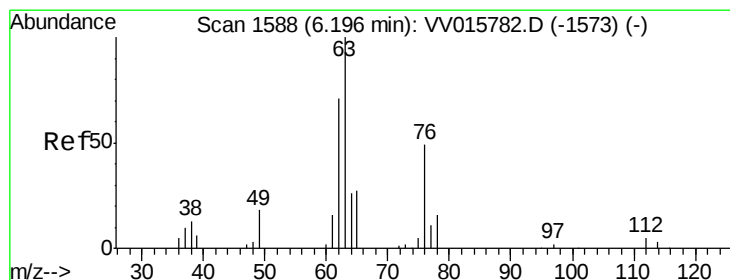
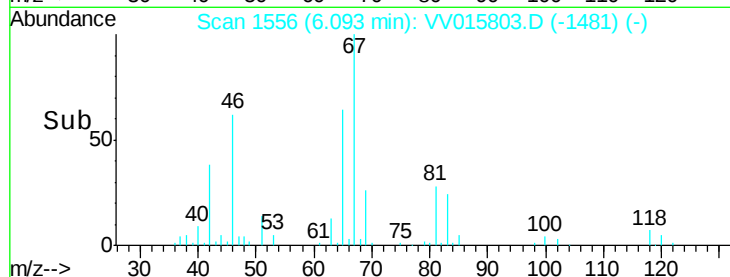
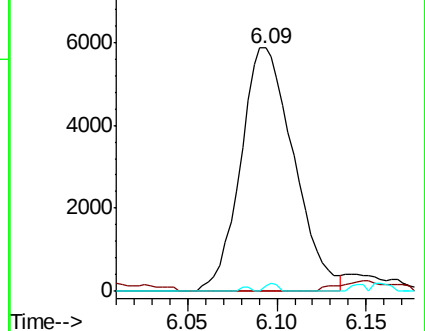
98 0.8 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.112 ug/L

RT: 6.20 min Scan# 1590

Delta R.T. 0.01 min

Lab File: VV015803.D

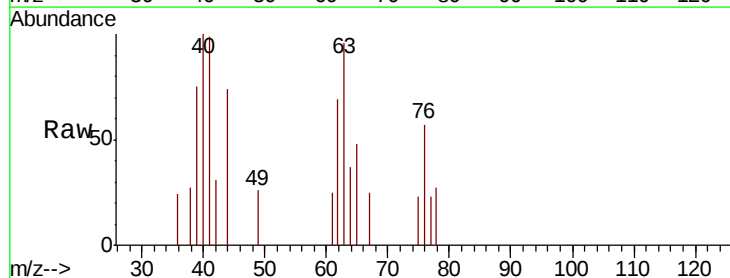
Acq: 29 Apr 2020 19:23

Tgt Ion: 63 Resp: 1106

Ion Ratio Lower Upper

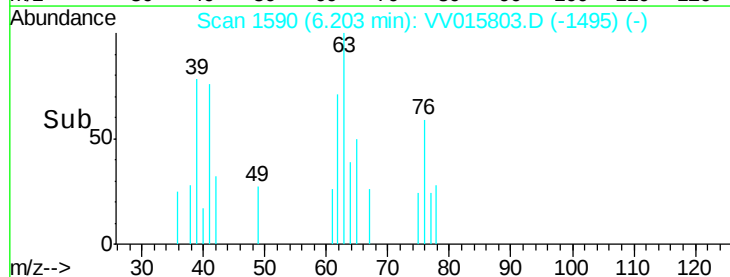
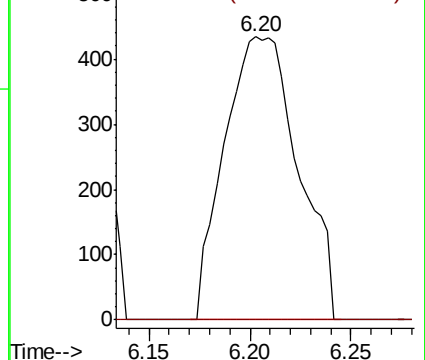
63 100

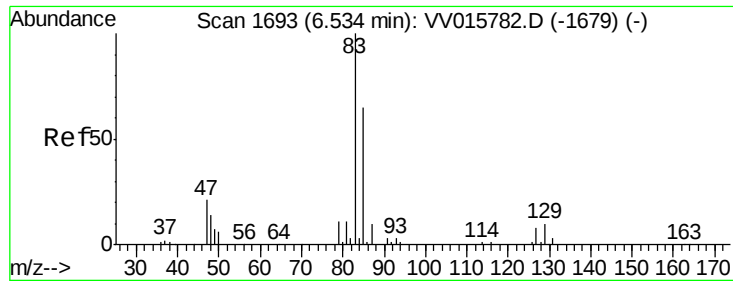
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

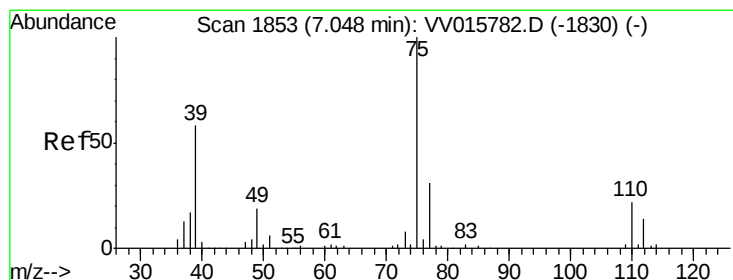
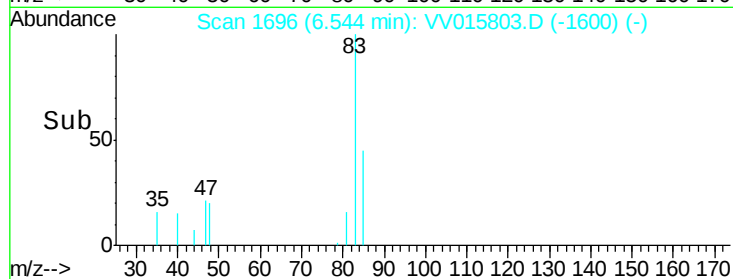
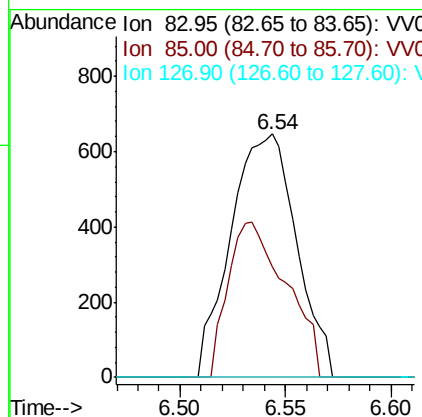
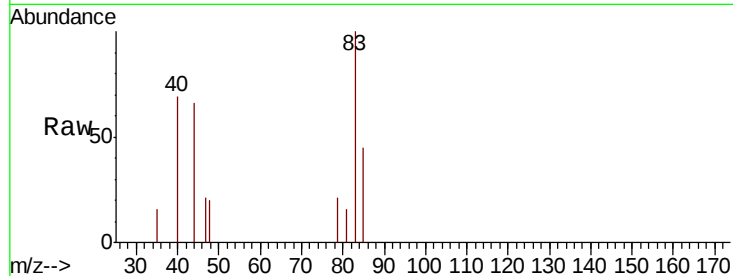




#38
 Bromodichloromethane
 Concen: 0.111 ug/L
 RT: 6.54 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

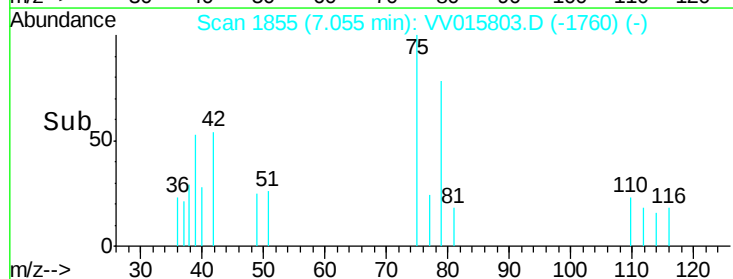
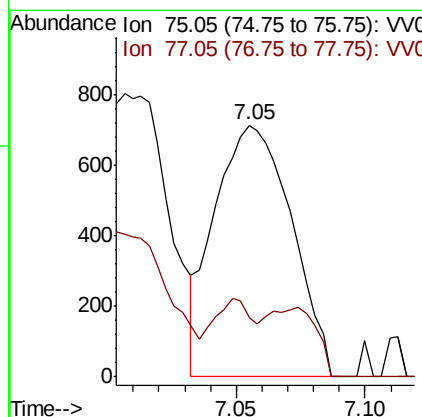
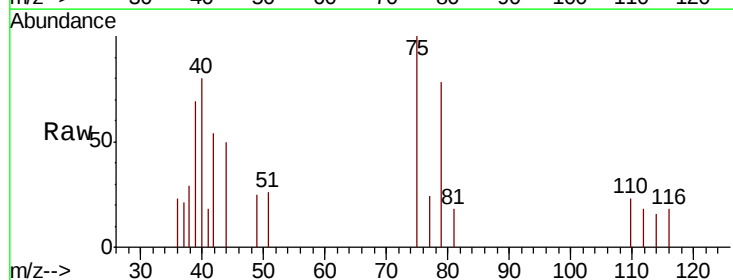
Instrument :
 MSVOA_V
 ClientSampleId :
 BFS8DL

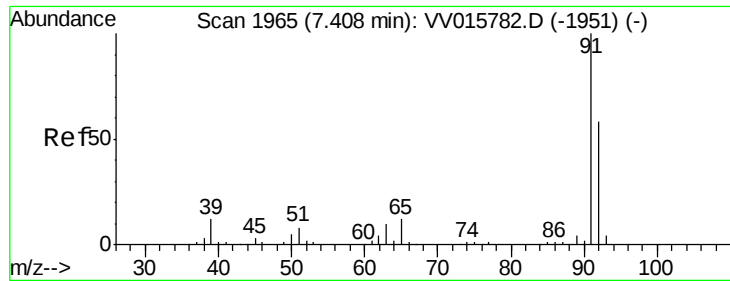
Tot Ion: 83 Resp: 1402
 Ion Ratio Lower Upper
 83 100
 85 45.4 44.7 83.1
 127 0.0 5.8 8.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.05 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

Tgt Ion: 75 Resp: 1483
 Ion Ratio Lower Upper
 75 100
 77 23.8 22.3 41.5





#42

Toluene

Concen: 0.112 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

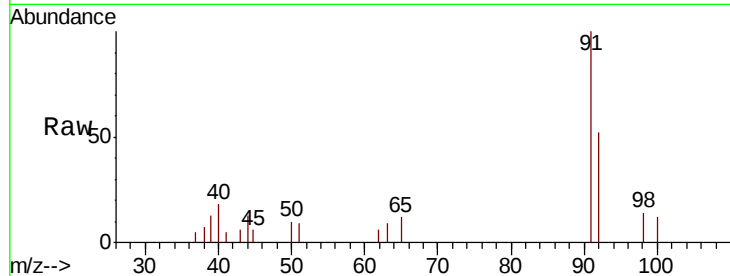
BFSA8DL

Tot Ion: 91 Resp: 4677

Ion Ratio Lower Upper

91 100

92 51.7 40.7 75.7

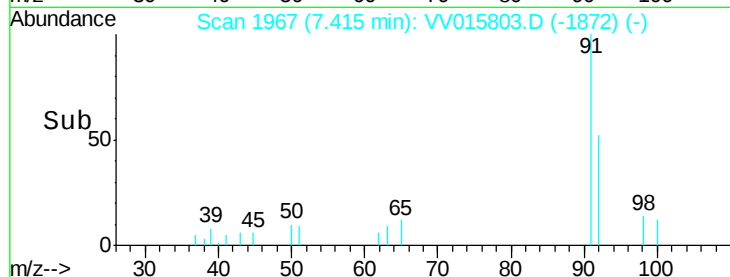


Abundance Ion 91.15 (90.85 to 91.85): VV015782.D (-1951) (-)

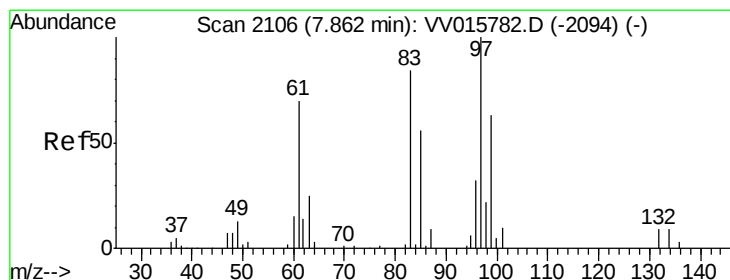
Ion 92.15 (91.85 to 92.85): VV015782.D (-1951) (-)

7.41

Time-->



Time-->



#45

1,1,2-Trichloroethane

Concen: 0.119 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Tgt Ion: 97 Resp: 802

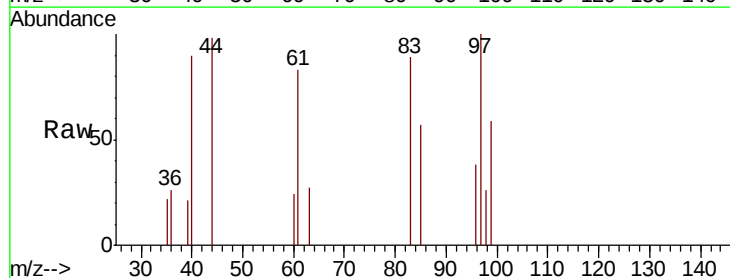
Ion Ratio Lower Upper

97 100

99 59.1 45.4 84.4

83 88.9 61.3 113.9

85 57.0 38.4 71.4



Abundance Ion 96.95 (96.65 to 97.65): VV015782.D (-2094) (-)

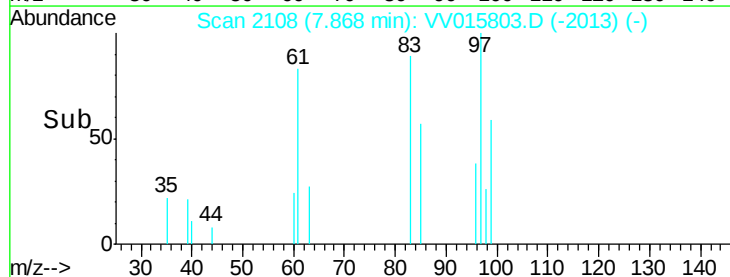
Ion 99.05 (98.75 to 99.75): VV015782.D (-2094) (-)

Ion 82.95 (82.65 to 83.65): VV015782.D (-2094) (-)

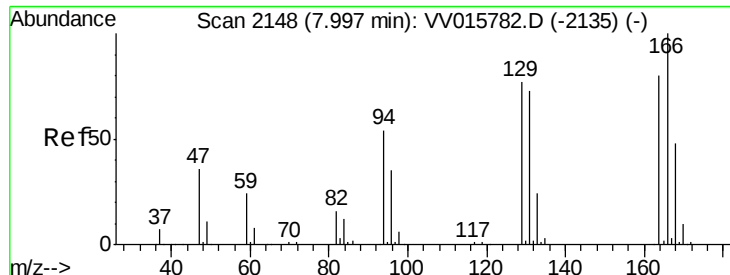
Ion 85.00 (84.70 to 85.70): VV015782.D (-2094) (-)

7.87

Time-->



Time-->



#47

Tetrachloroethene

Concen: 0.191 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

BFSA8DL

Tot Ion:164 Resp: 1478

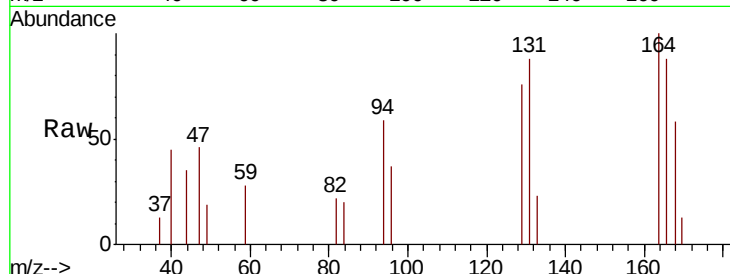
Ion Ratio Lower Upper

164 100

129 75.9 66.7 123.9

131 88.3 66.6 123.6

166 87.7 85.3 158.5

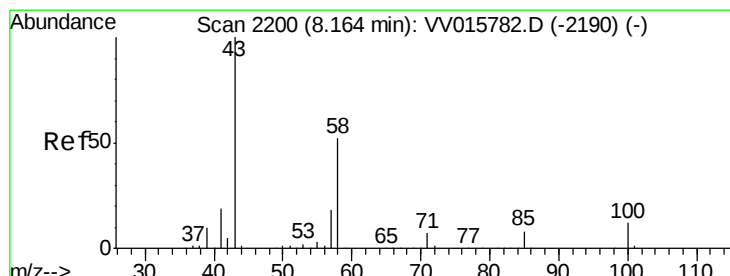
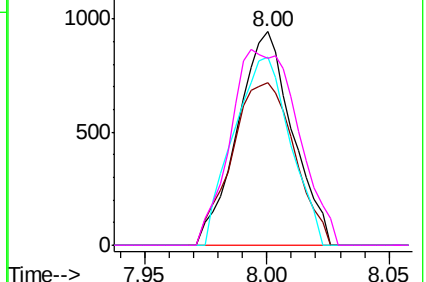
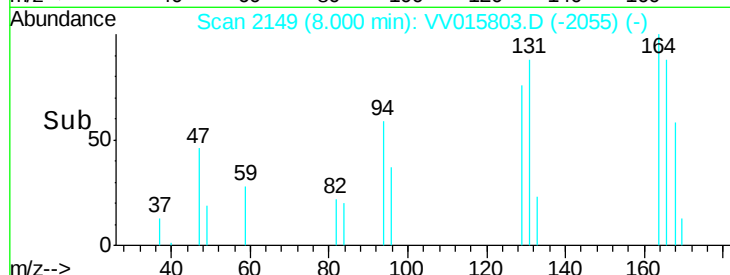


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.727 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Tgt Ion: 43 Resp: 7923

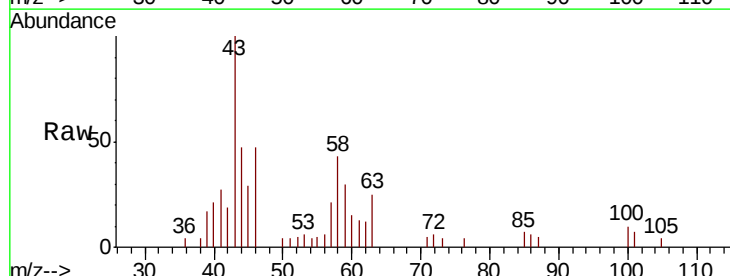
Ion Ratio Lower Upper

43 100

58 45.6 41.1 61.7

57 21.3 15.0 22.4

100 9.3 9.0 13.4

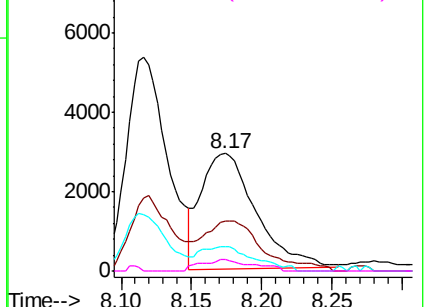
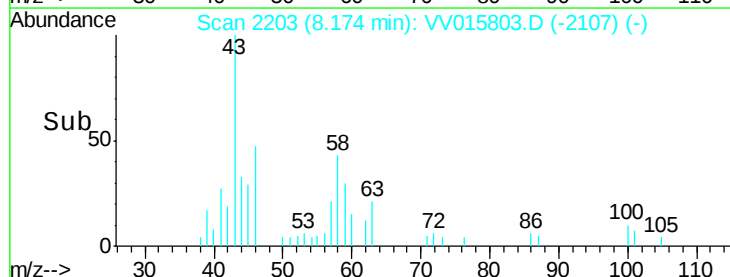


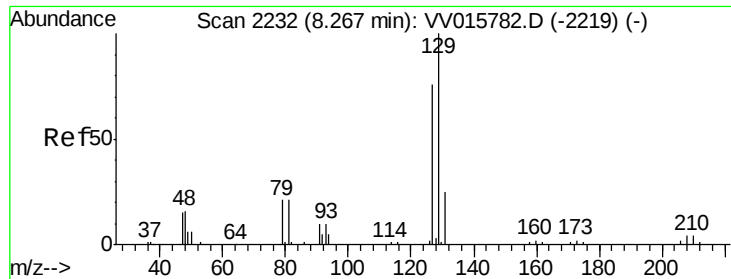
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.106 ug/L

RT: 8.26 min Scan# 2231

Delta R.T. -0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

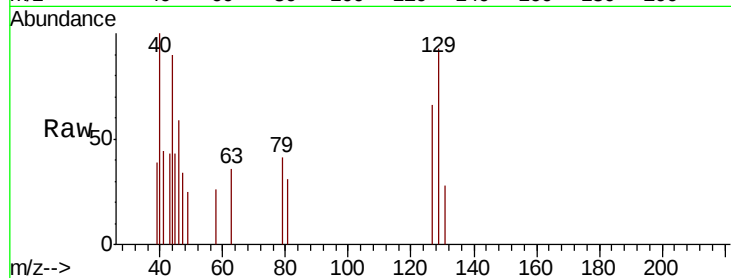
BFSA8DL

Tot Ion:129 Resp: 739

Ion Ratio Lower Upper

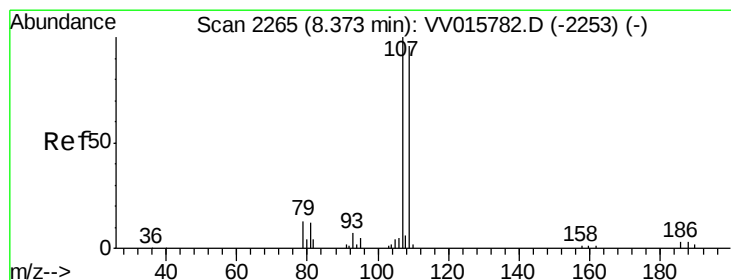
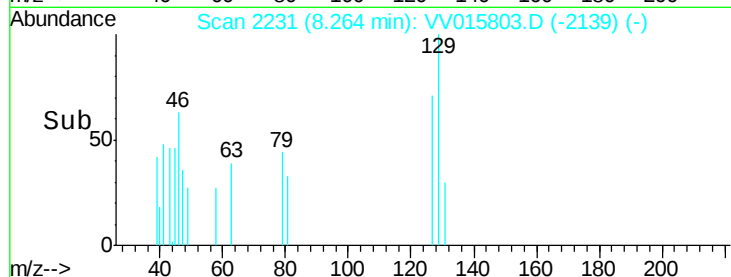
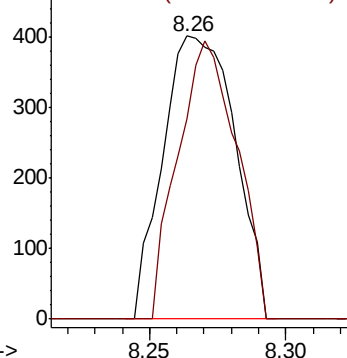
129 100

127 70.9 52.6 97.8



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 0.128 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

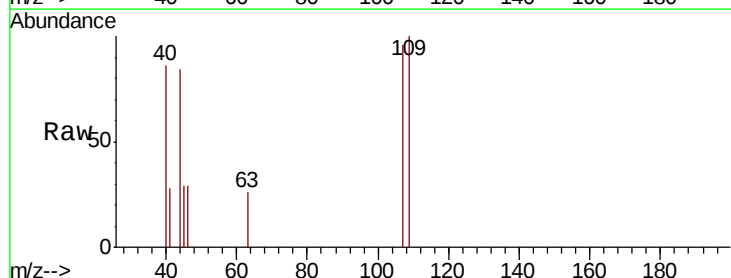
Tgt Ion:107 Resp: 798

Ion Ratio Lower Upper

107 100

109 103.7 68.1 126.5

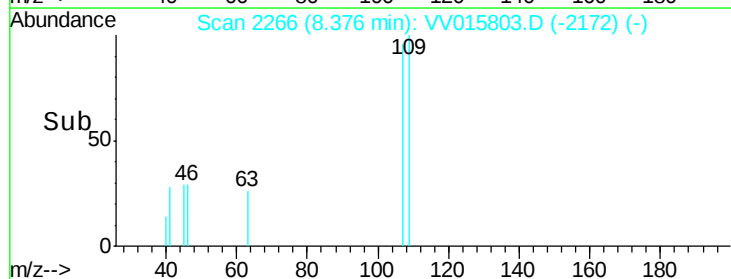
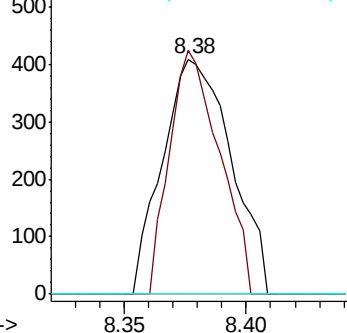
188 0.0 3.2 4.8#

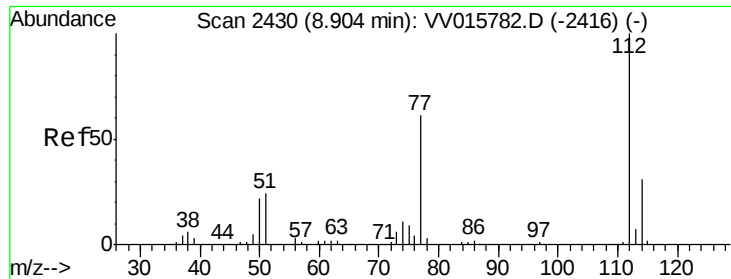


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V





#51

Chlorobenzene

Concen: 0.120 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

BFSA8DL

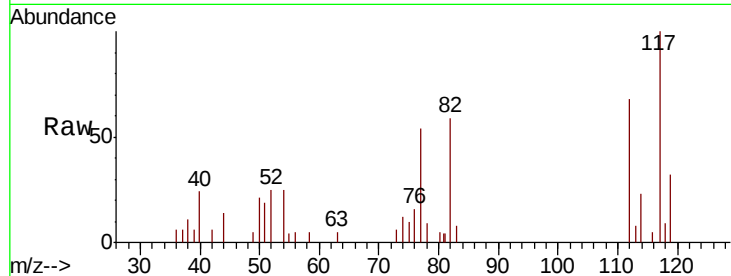
Tot Ion:112 Resp: 3264

Ion Ratio Lower Upper

112 100

114 33.3 21.6 40.2

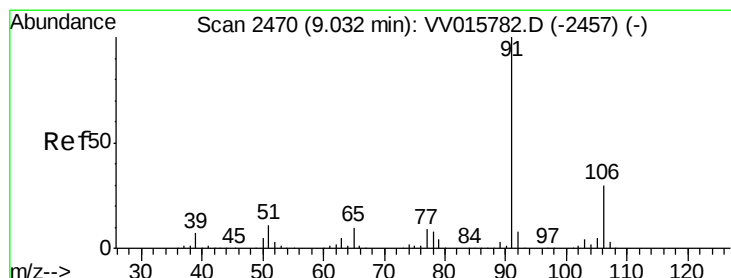
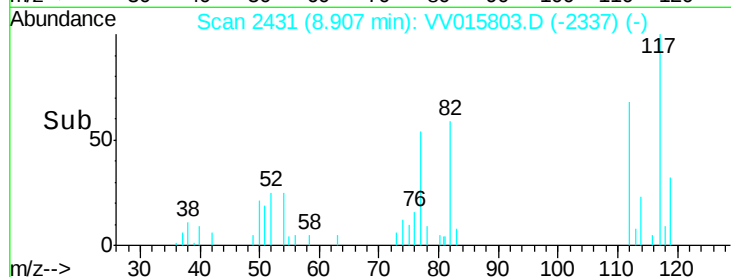
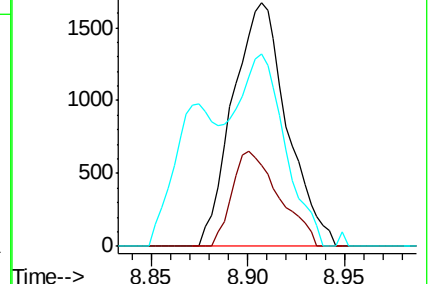
77 79.0 48.9 73.3#



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: 0.102 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015803.D

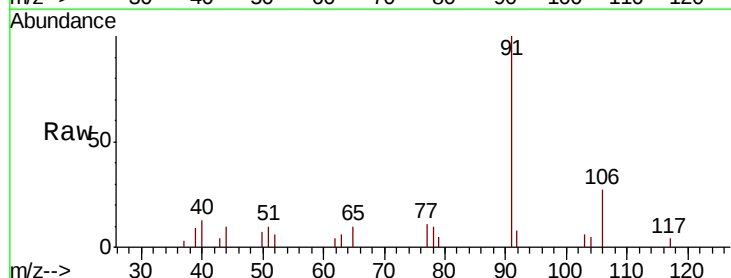
Acq: 29 Apr 2020 19:23

Tgt Ion: 91 Resp: 4915

Ion Ratio Lower Upper

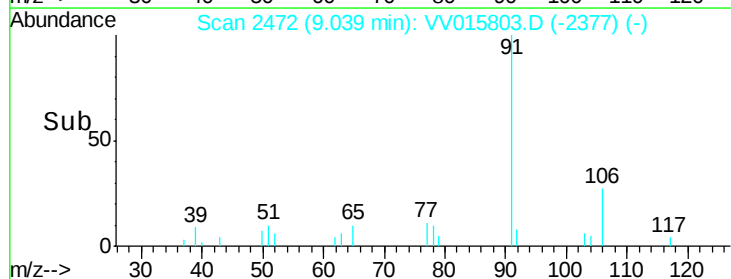
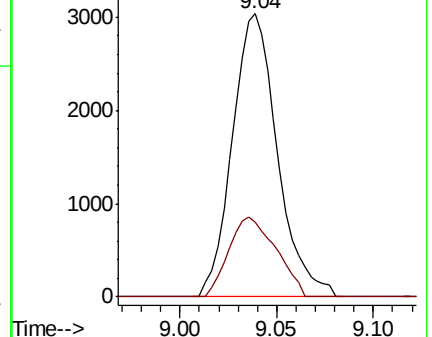
91 100

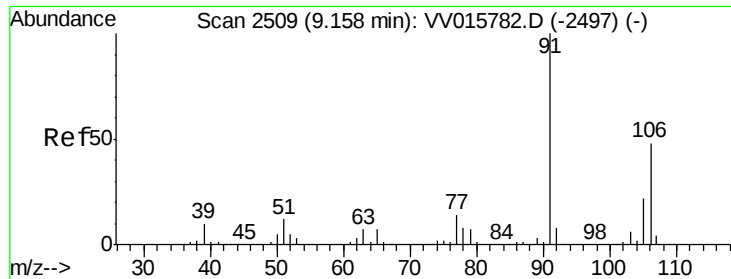
106 26.6 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.086 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

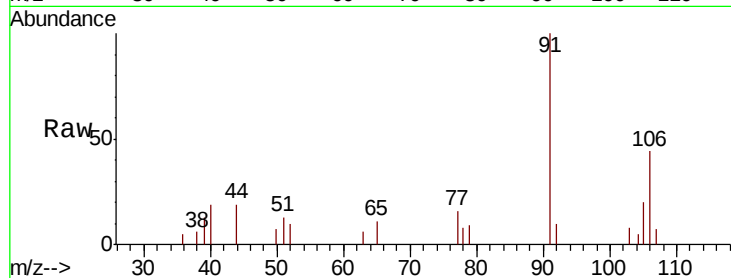
BFSA8DL

Tot Ion:106 Resp: 1511

Ion Ratio Lower Upper

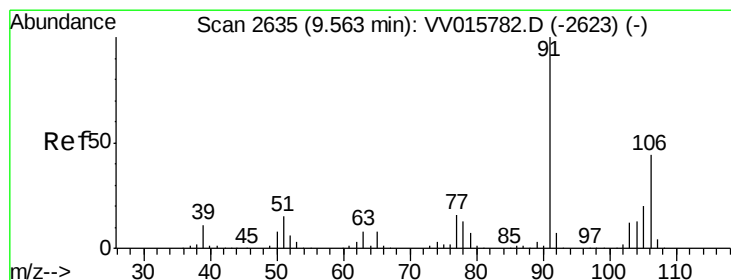
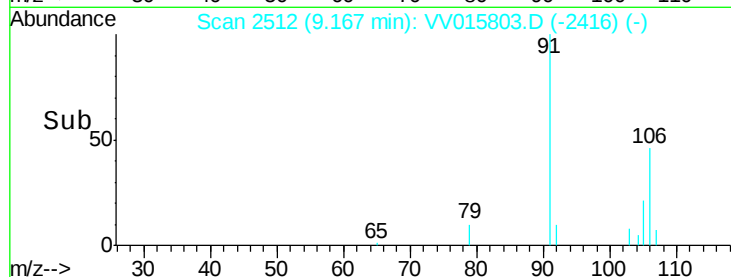
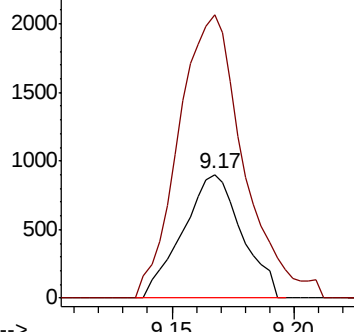
106 100

91 229.3 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.103 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015803.D

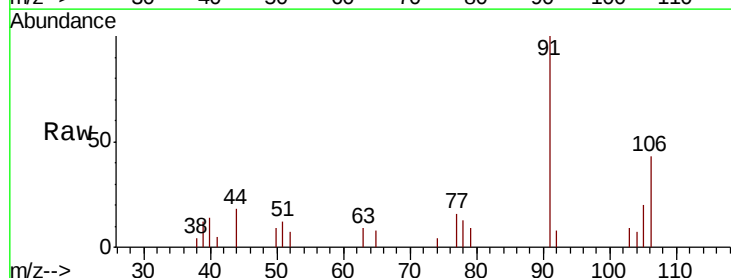
Acq: 29 Apr 2020 19:23

Tgt Ion:106 Resp: 1762

Ion Ratio Lower Upper

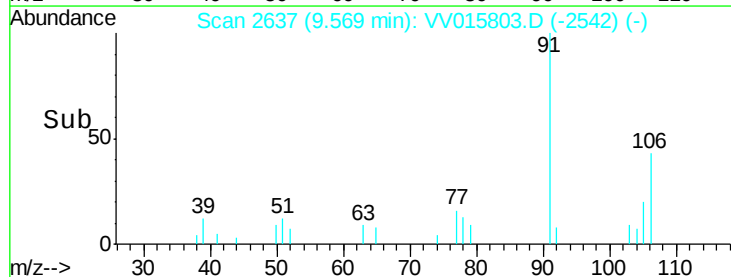
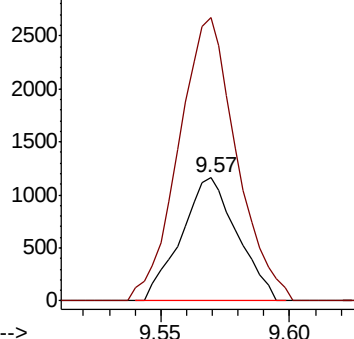
106 100

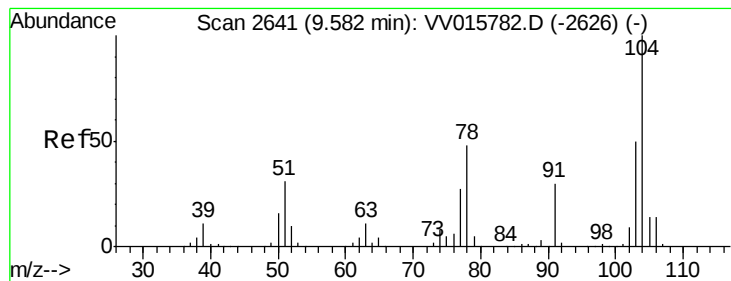
91 230.1 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 0.098 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

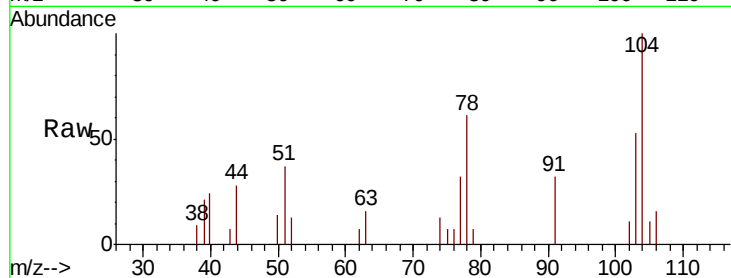
BFSA8DL

Tot Ion:104 Resp: 2838

Ion Ratio Lower Upper

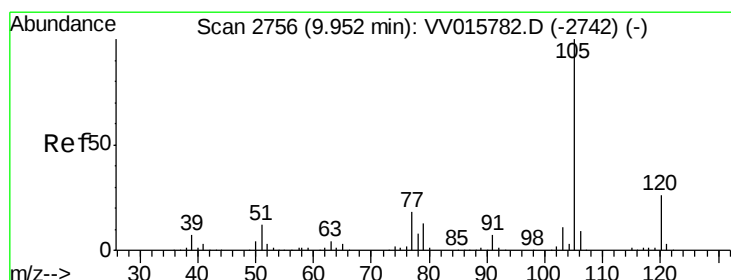
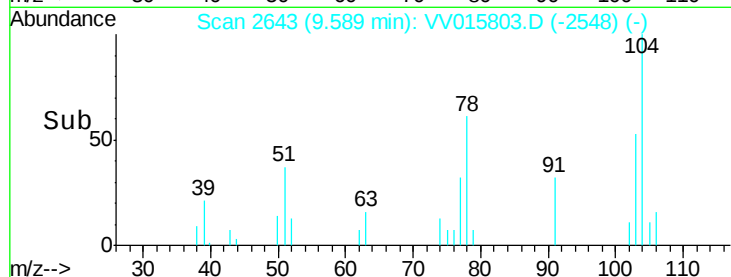
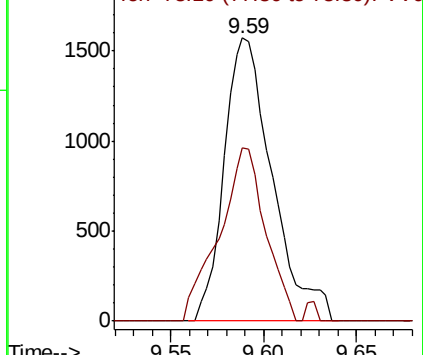
104 100

78 61.4 34.5 64.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 0.090 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

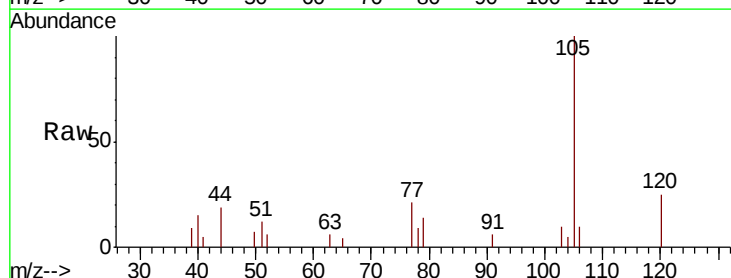
Tgt Ion:105 Resp: 4322

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

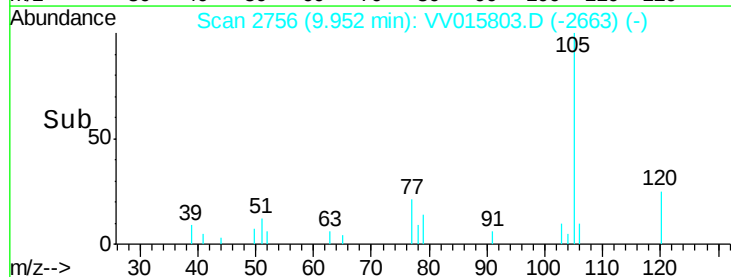
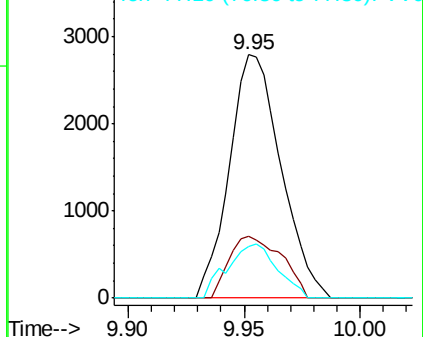
77 21.6 13.9 20.9#

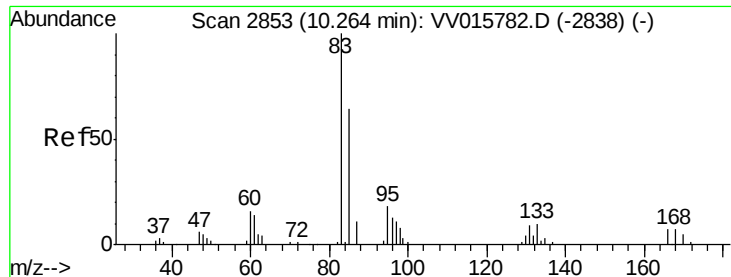


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 0.152 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

BFSA8DL

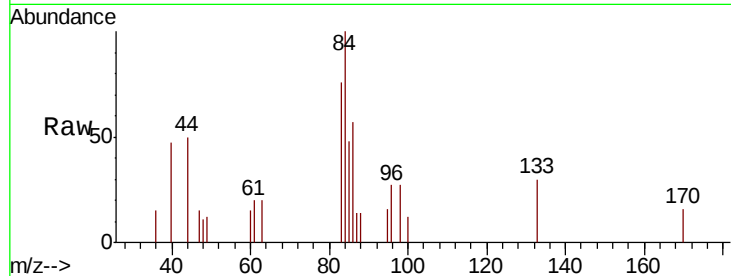
Tot Ion: 83 Resp: 1201

Ion Ratio Lower Upper

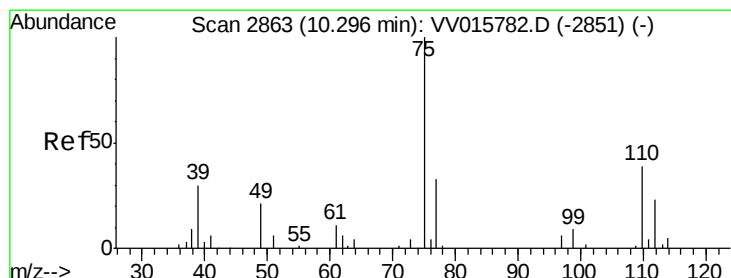
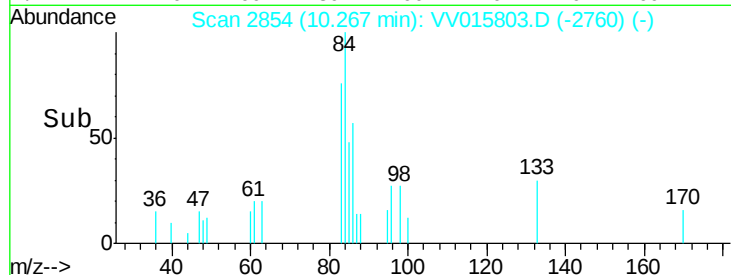
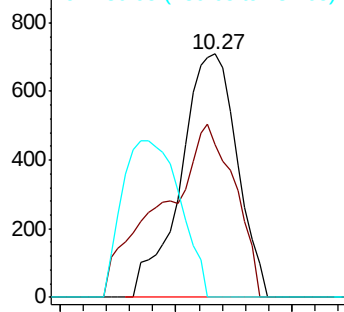
83 100

85 62.9 46.3 85.9

131 0.0 7.7 11.5#



Abundance Ion 82.95 (82.65 to 83.65): VV015803.D (-2760) (-)



#59

1,2,3-Trichloropropane

Concen: 0.142 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV015803.D

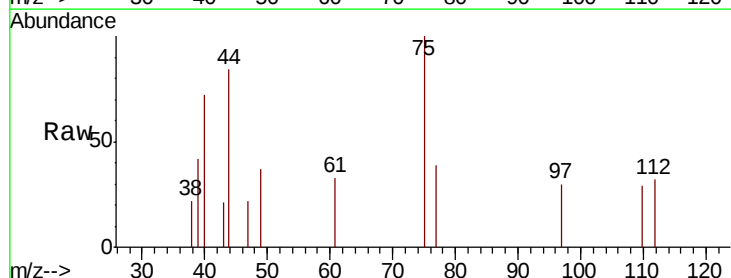
Acq: 29 Apr 2020 19:23

Tgt Ion: 75 Resp: 898

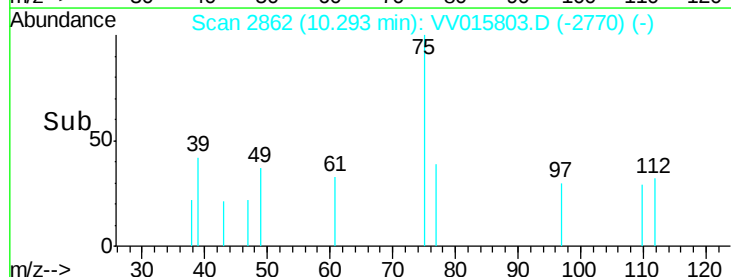
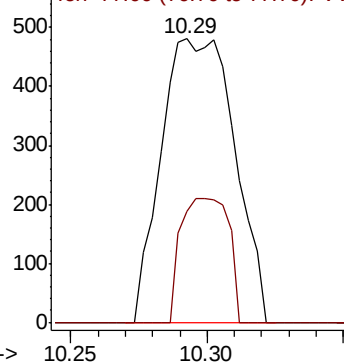
Ion Ratio Lower Upper

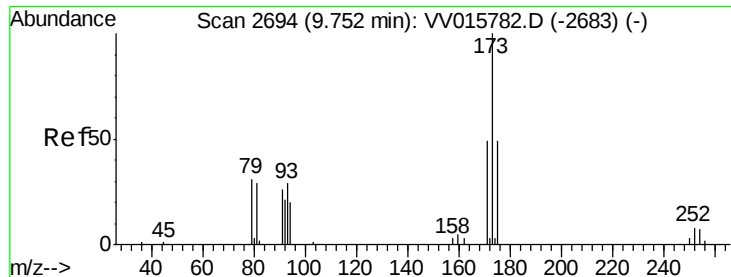
75 100

77 28.4 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV015803.D (-2770) (-)





#61

Bromoform

Concen: 0.118 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

BFSA8DL

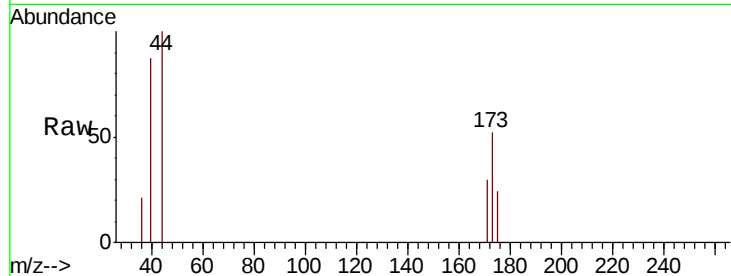
Tot Ion:173 Resp: 315

Ion Ratio Lower Upper

173 100

175 21.6 39.8 59.8#

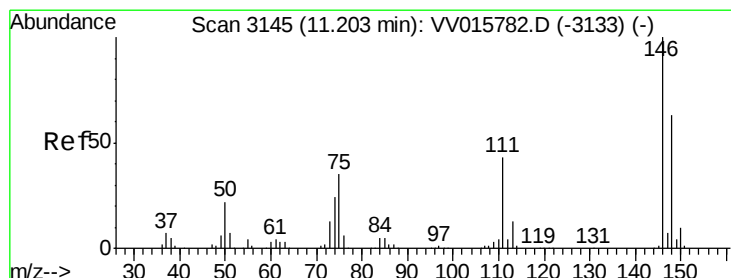
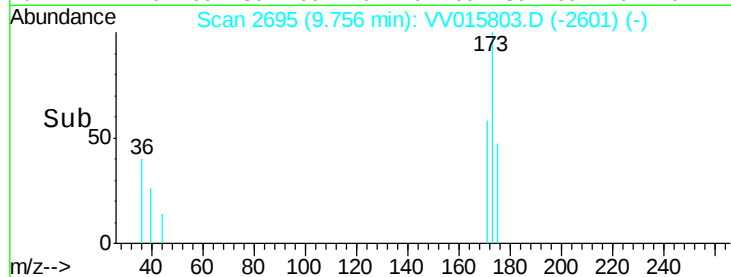
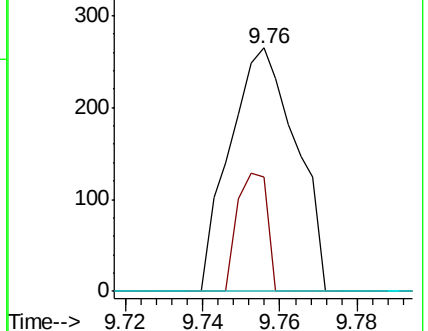
254 0.0 5.8 8.8#



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: 0.122 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

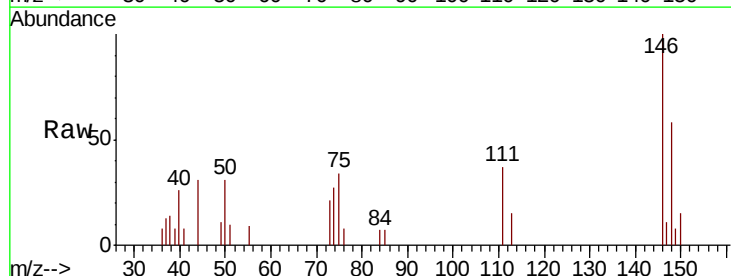
Tgt Ion:146 Resp: 2506

Ion Ratio Lower Upper

146 100

111 36.8 30.0 55.6

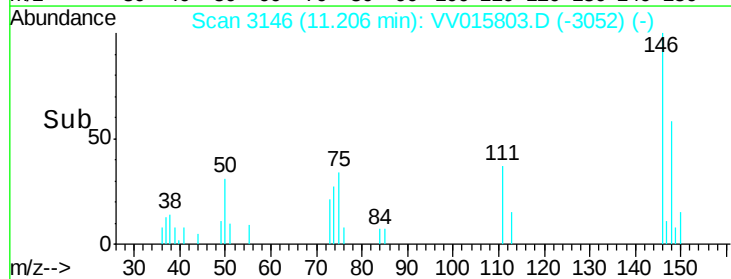
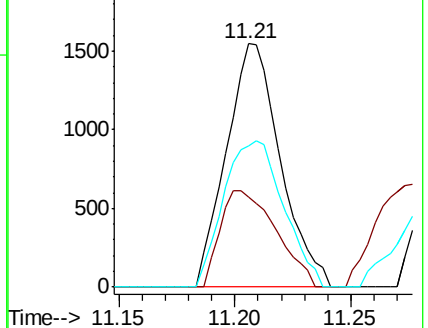
148 58.2 44.2 82.2

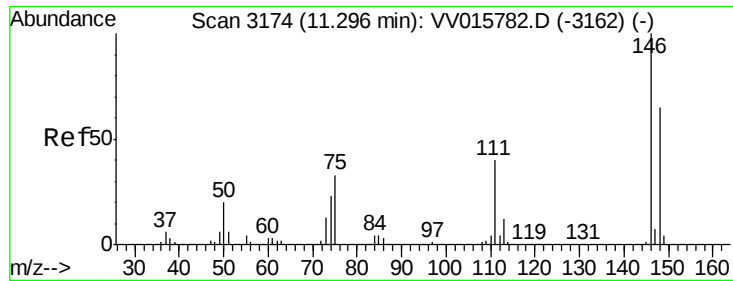


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

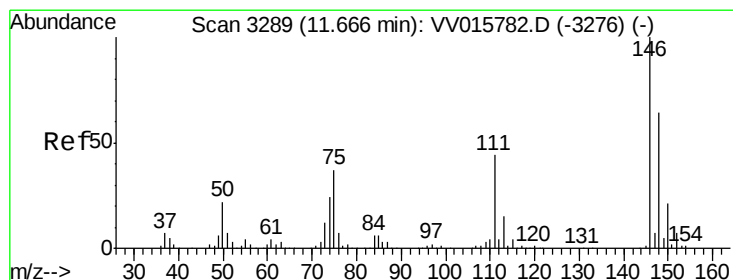
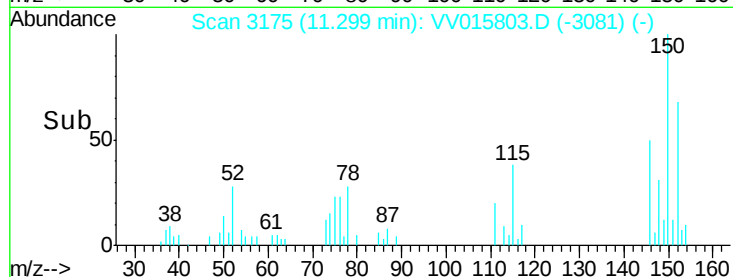
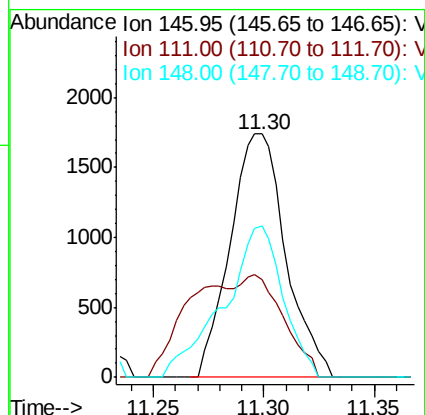
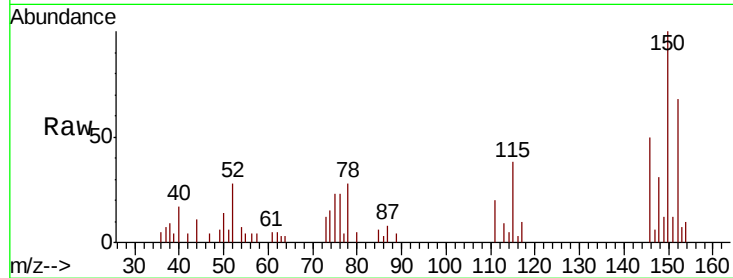




#63
 1,4-Dichlorobenzene
 Concen: 0.147 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

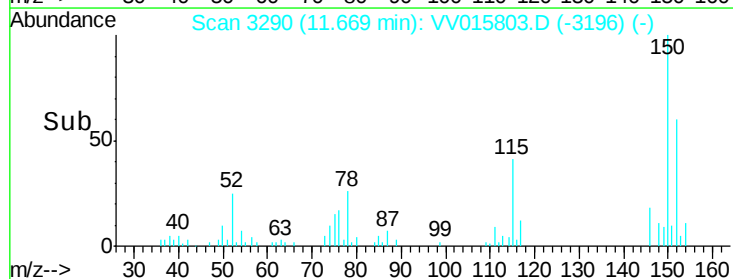
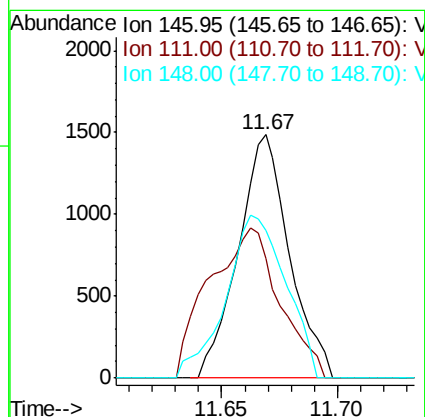
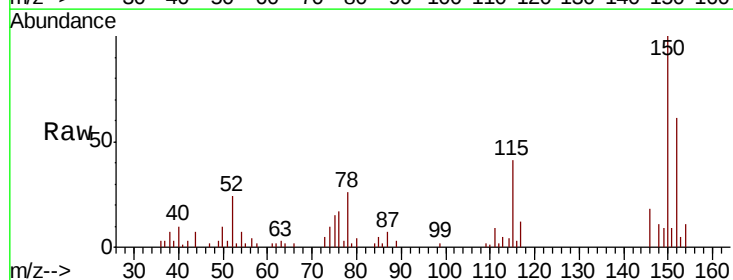
Instrument :
 MSVOA_V
 ClientSampleId :
 BFS8DL

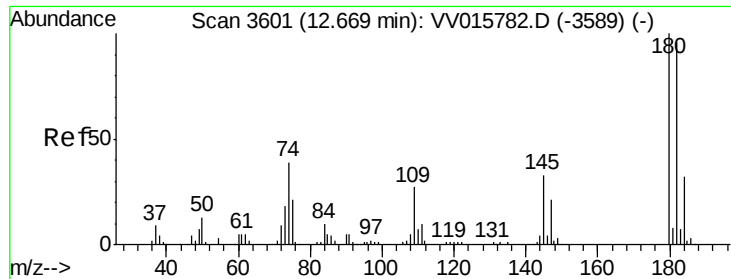
Tot Ion:146 Resp: 3036
 Ion Ratio Lower Upper
 146 100
 111 40.1 28.2 52.4
 148 62.1 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 0.123 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

Tgt Ion:146 Resp: 2282
 Ion Ratio Lower Upper
 146 100
 111 49.0 34.7 52.1
 148 60.7 51.3 76.9

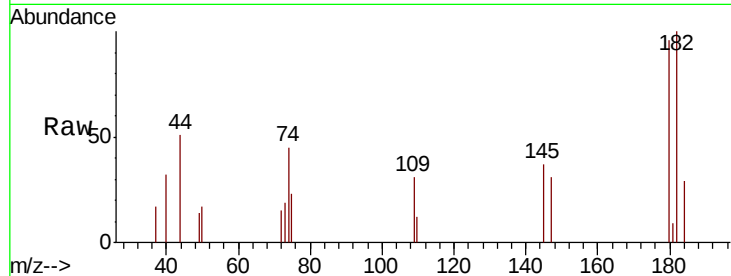




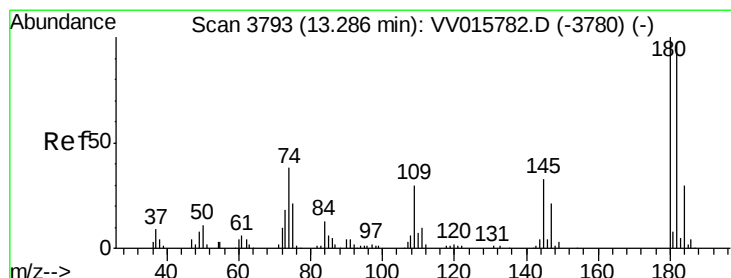
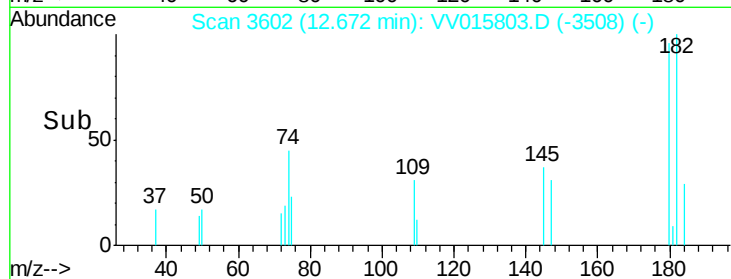
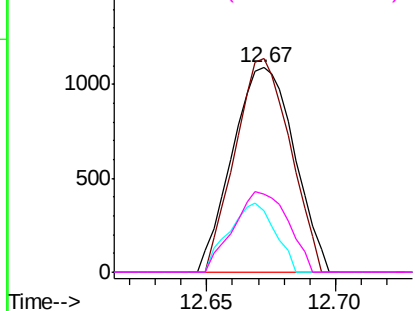
#67
 1,3,5-Trichlorobenzene
 Concen: 0.120 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS8DL

Tot Ion:180 Resp: 1824
 Ion Ratio Lower Upper
 180 100
 182 92.5 78.2 117.4
 184 25.2 25.0 37.4
 145 34.7 26.4 39.6

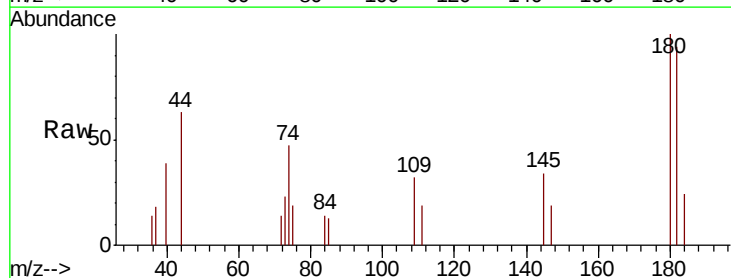


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

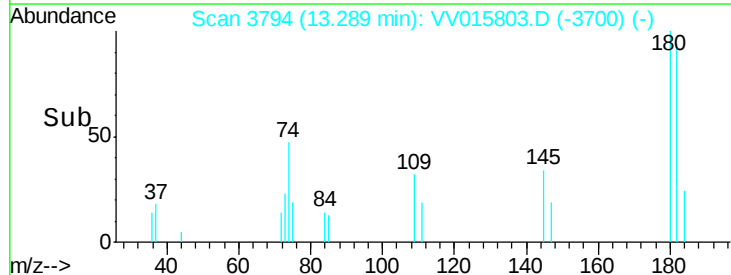
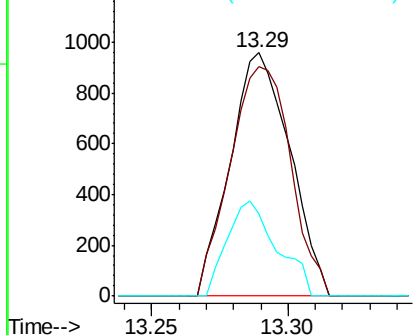


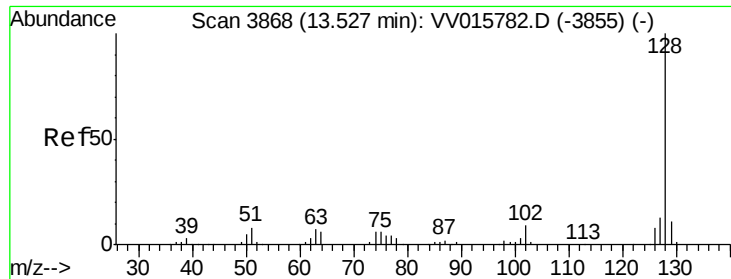
#68
 1,2,4-trichlorobenzene
 Concen: 0.105 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015803.D
 Acq: 29 Apr 2020 19:23

Tgt Ion:180 Resp: 1458
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.8 112.2
 145 32.9 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.091 ug/L

RT: 13.53 min Scan# 3870

Delta R.T. 0.01 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

BFSA8DL

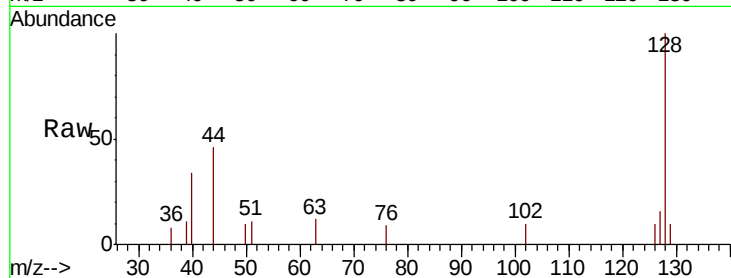
Tot Ion:128 Resp: 2282

Ion Ratio Lower Upper

128 100

129 5.5 8.4 12.6#

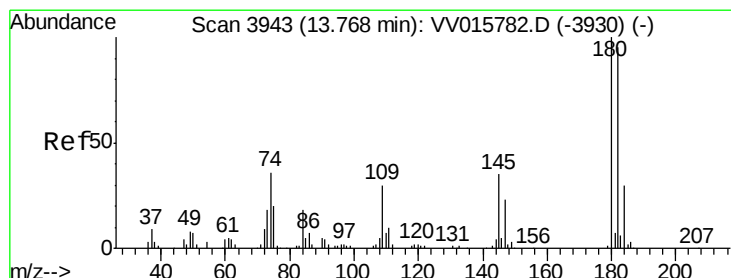
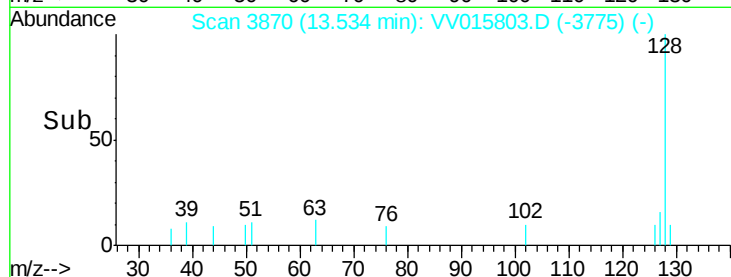
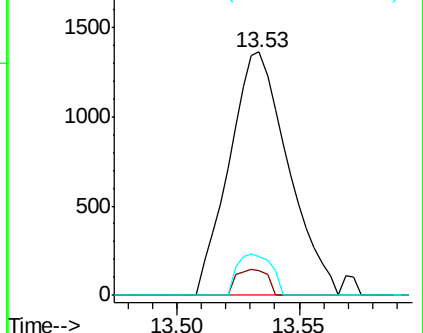
127 9.8 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.106 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV015803.D

Acq: 29 Apr 2020 19:23

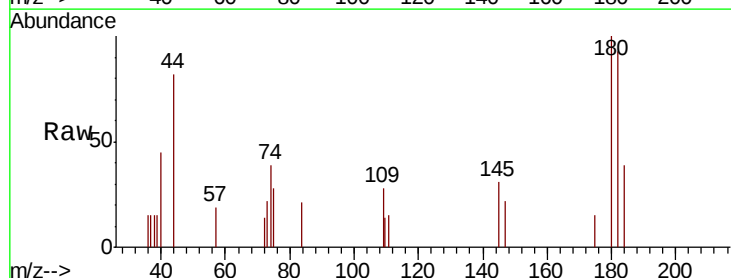
Tgt Ion:180 Resp: 1298

Ion Ratio Lower Upper

180 100

182 98.5 74.8 112.2

145 34.7 28.4 42.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

