

Data File : VV010806.D
Acq On : 10 May 2019 10:59
Operator : SY/MD
Sample : K2737-09
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB847

Quant Time: May 10 23:01:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92795	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	93143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32320	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	1.56	69	29054	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	2.13	63	74575	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.40%
20) 2-Butanone-d5	3.93	46	19135	44.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.46%
24) Chloroform-d	4.40	84	54895	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	37042	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
29) Benzene-d6	5.10	84	120569	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	6.12	67	37121	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	7.36	98	112336	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	7.66	79	16223	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	8.13	63	14691	44.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33076	22.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	40400	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	28451	18.198	ug/L	95
6) Bromomethane	1.51	94	6608	7.506	ug/L	97
9) Trichlorofluoromethane	1.76	101	41996	15.368	ug/L	99
12) 1,1-Dichloroethene	2.13	96	32422	22.194	ug/L #	83
13) Acetone	2.19	43	43989	65.685	ug/L	99
15) Methyl Acetate	2.46	43	24477	30.595	ug/L	100
16) Methylene chloride	2.53	84	15620	10.887	ug/L	96
17) Methyl tert-butyl Ether	2.80	73	99810	27.285	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	13443	10.180	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	35734	23.689	ug/L	98
23) Bromochloromethane	4.29	128	9609	14.171	ug/L	96
25) Chloroform	4.42	83	6656	2.370	ug/L	92
27) 1,2-Dichloroethane	5.18	62	19038	9.274	ug/L	99
30) Cyclohexane	4.72	56	22967	9.832	ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	23215	9.996	ug/L	99
32) Carbon tetrachloride	4.87	117	24377	12.050	ug/L	97
35) Trichloroethene	5.96	95	58216	38.010	ug/L	98

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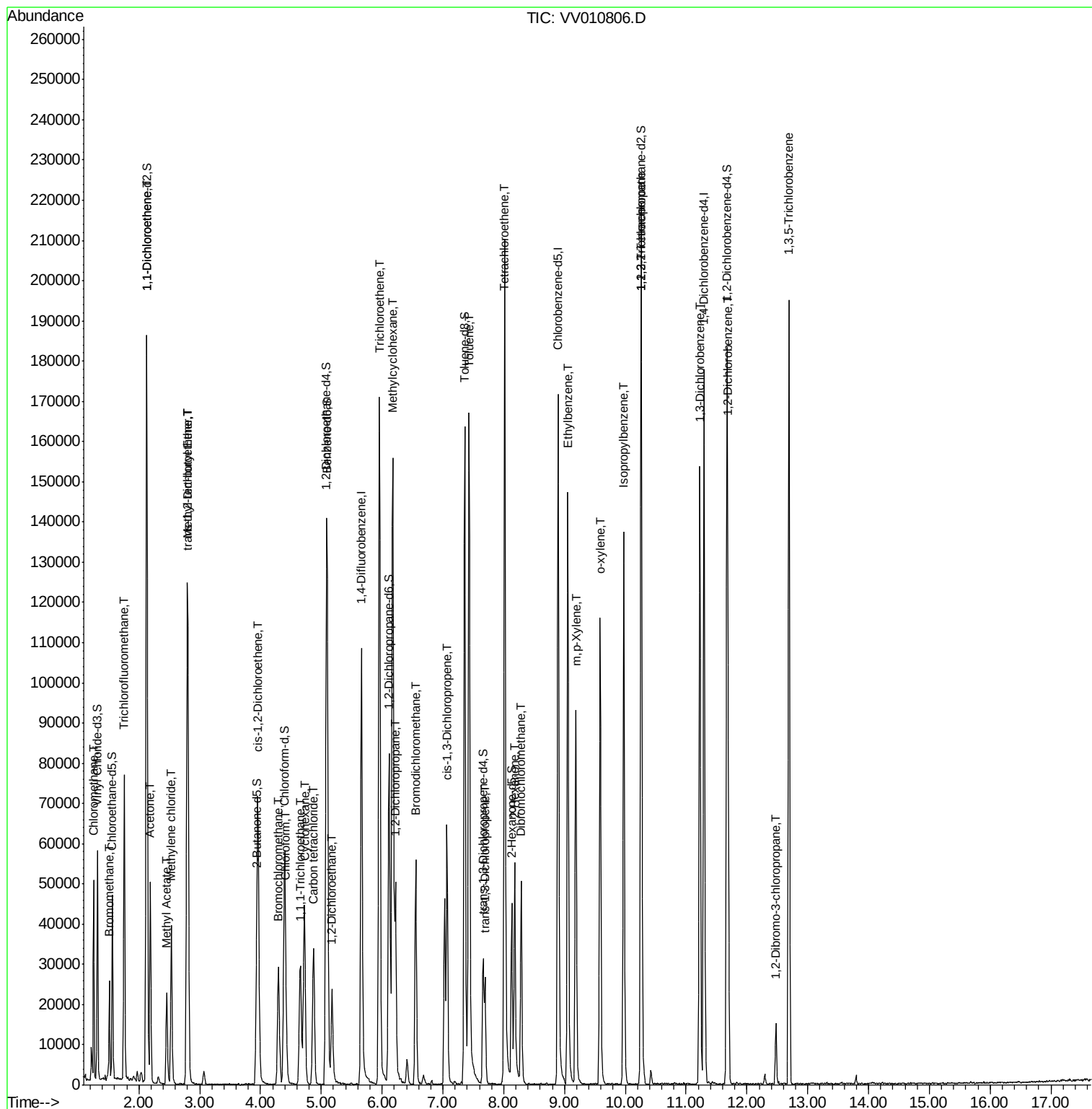
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Methylcyclohexane	6.17	83	62327	25.391	ug/L	98
40) 1,2-Dichloropropane	6.22	63	18311	12.589	ug/L #	96
41) Bromodichloromethane	6.55	83	36197	18.111	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	37027	16.094	ug/L	98
44) Toluene	7.43	91	123768	19.930	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	14406	7.436	ug/L	97
47) Tetrachloroethene	8.02	164	43364	39.095	ug/L	92
49) 2-Hexanone	8.18	43	35833	38.493	ug/L	99
50) Dibromochloromethane	8.29	129	24225	17.629	ug/L	99
53) Ethylbenzene	9.05	91	105084	14.594	ug/L	100
54) m,p-Xylene	9.19	106	25431	9.453	ug/L	98
55) o-xylene	9.59	106	30909	11.584	ug/L	96
57) Isopropylbenzene	9.97	105	85299	11.981	ug/L	98
59) 1,2,3-Trichloropropane	10.26	75	5851	4.789	ug/L #	1
63) 1,3-Dichlorobenzene	11.22	146	58739	19.418	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	27376	9.318	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4238	15.545	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	52097	23.909	ug/L	100

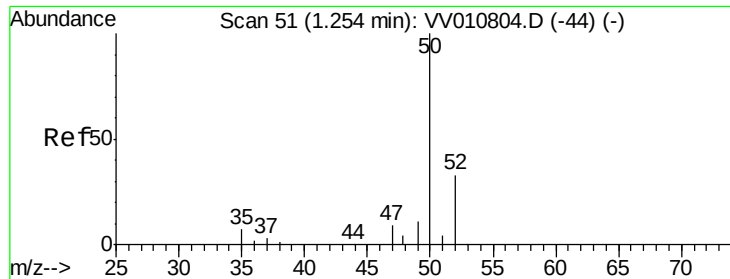
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 18.198 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

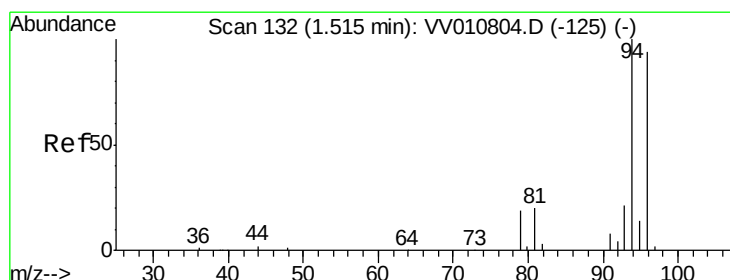
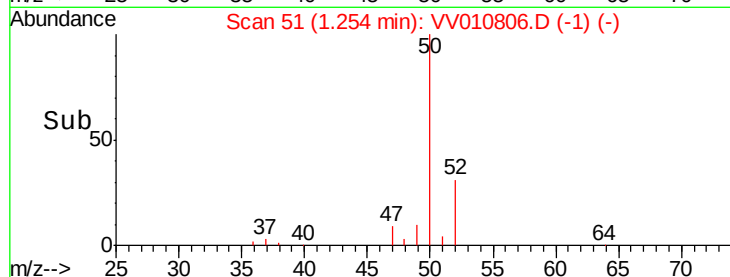
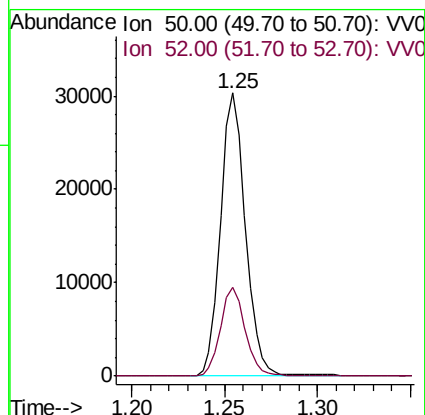
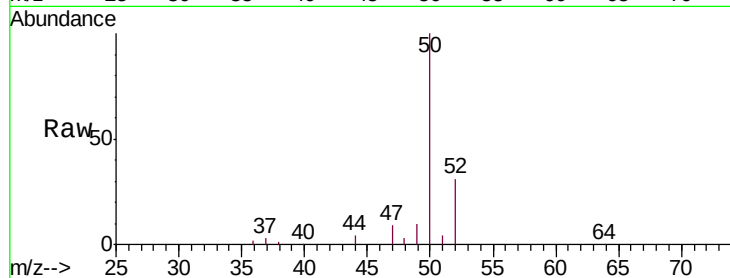
DB847

Tgt Ion: 50 Resp: 28451

Ion Ratio Lower Upper

50 100

52 31.2 23.7 43.9



#6

Bromomethane

Concen: 7.506 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV010806.D

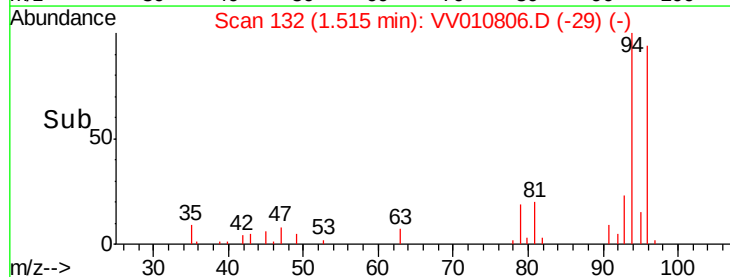
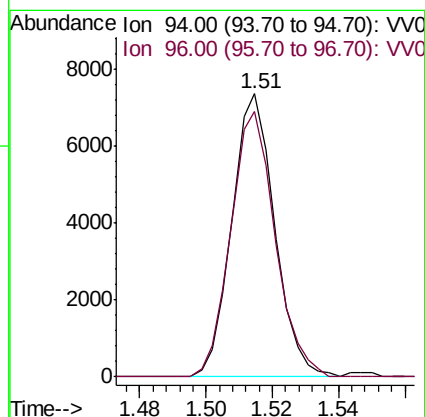
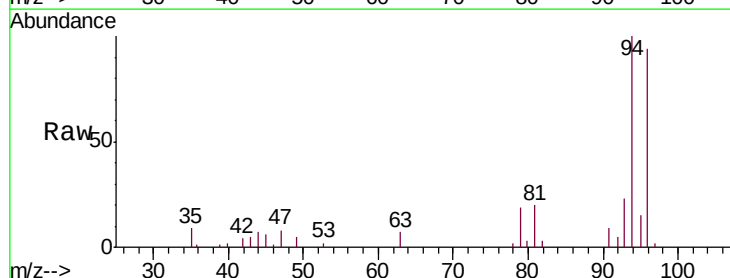
Acq: 10 May 2019 10:59

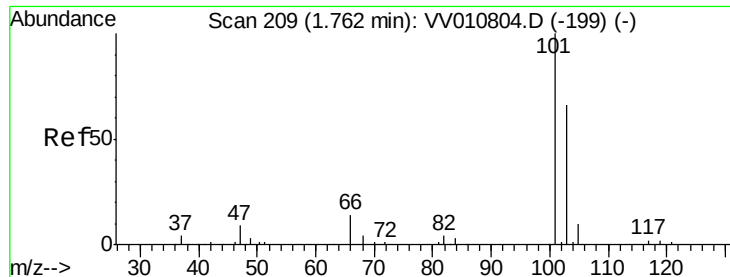
Tgt Ion: 94 Resp: 6608

Ion Ratio Lower Upper

94 100

96 97.1 9.4 179.0



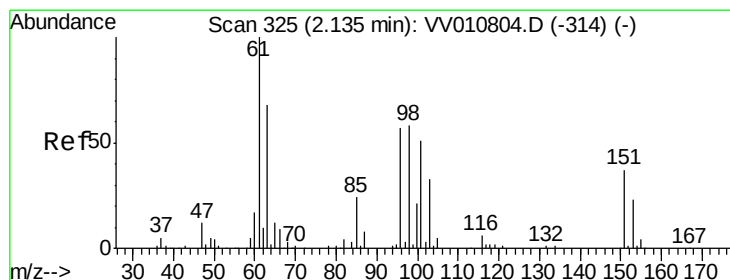
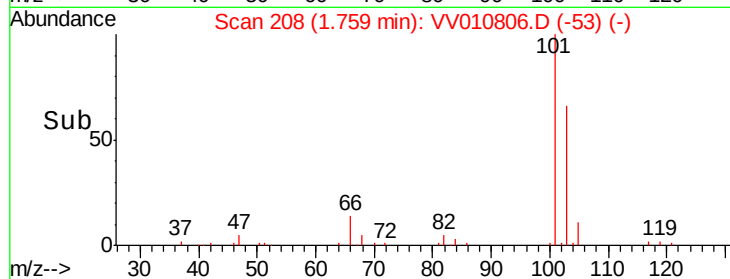
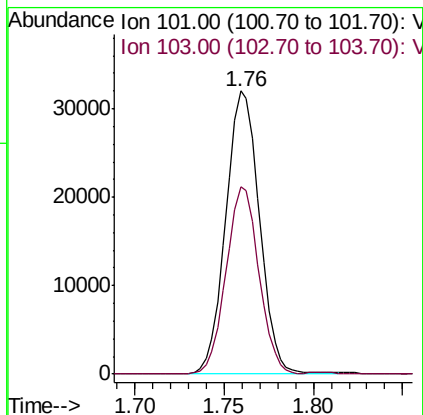
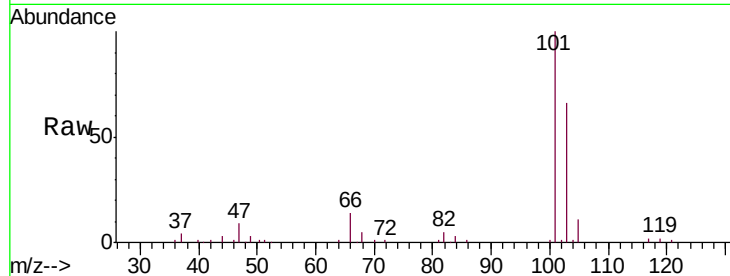


#9

Trichlorofluoromethane
Concen: 15.368 ug/L
RT: 1.76 min Scan# 208
Delta R.T. -0.00 min
Lab File: VV010806.D
Acq: 10 May 2019 10:59

Instrument :
MSVOA_V
ClientSampleId :
DB847

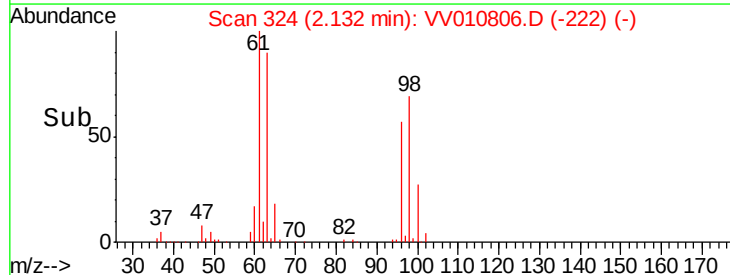
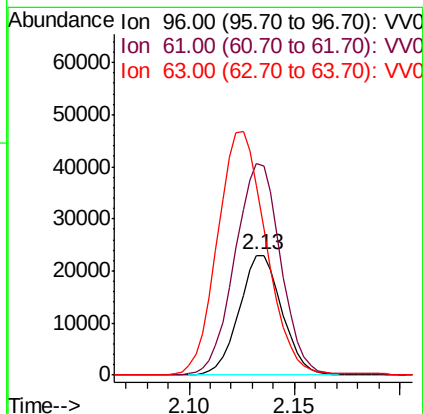
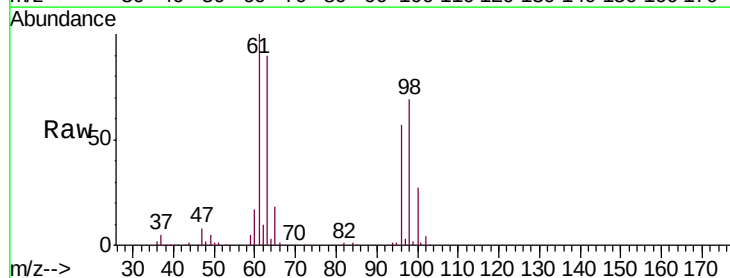
Tgt Ion:101 Resp: 41996
Ion Ratio Lower Upper
101 100
103 64.3 44.7 82.9

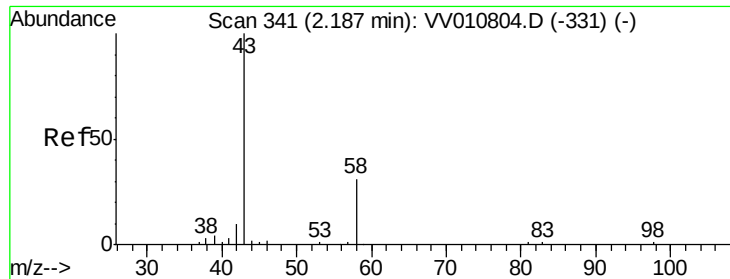


#12

1,1-Dichloroethene
Concen: 22.194 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010806.D
Acq: 10 May 2019 10:59

Tgt Ion: 96 Resp: 32422
Ion Ratio Lower Upper
96 100
61 176.4 120.3 223.3
63 157.9 82.9 153.9#





#13

Acetone

Concen: 65.685 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

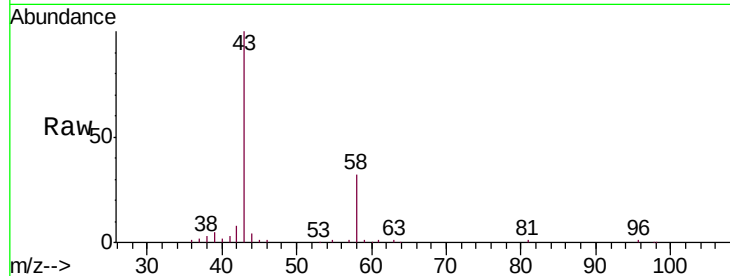
DB847

Tgt Ion: 43 Resp: 43989

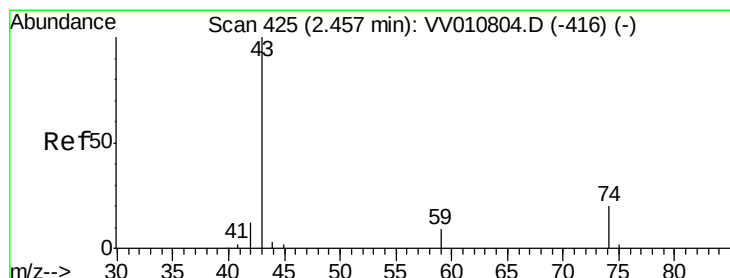
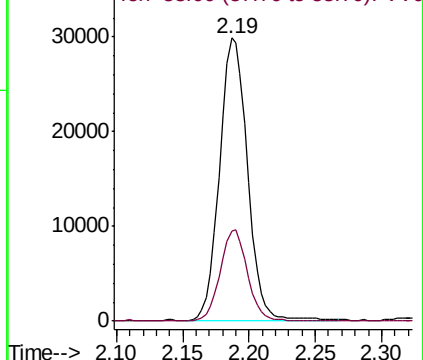
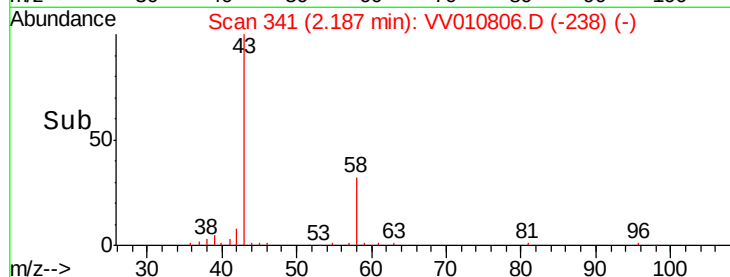
Ion Ratio Lower Upper

43 100

58 31.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010806.D (-238) (-)



#15

Methyl Acetate

Concen: 30.595 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV010806.D

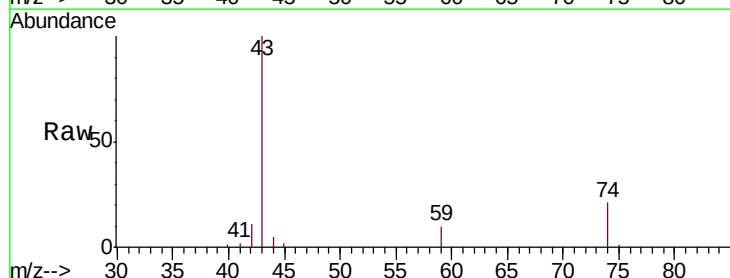
Acq: 10 May 2019 10:59

Tgt Ion: 43 Resp: 24477

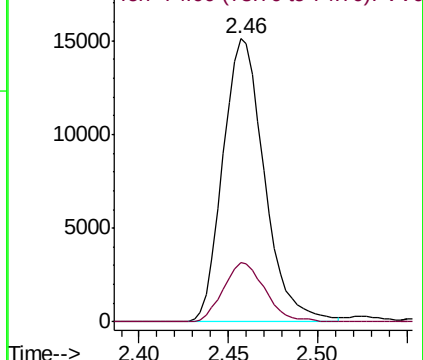
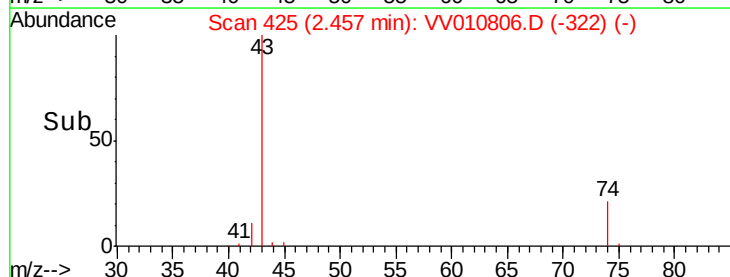
Ion Ratio Lower Upper

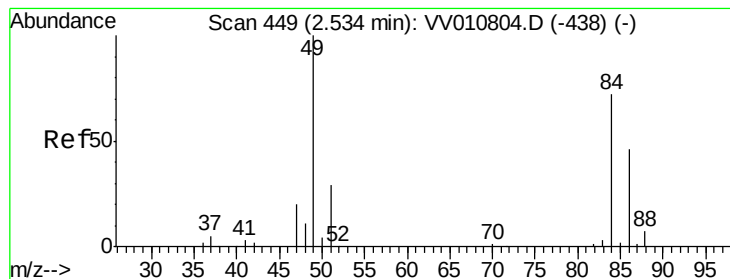
43 100

74 21.0 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VV010806.D (-322) (-)





#16

Methylene chloride

Concen: 10.887 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

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ClientSampleId :

DB847

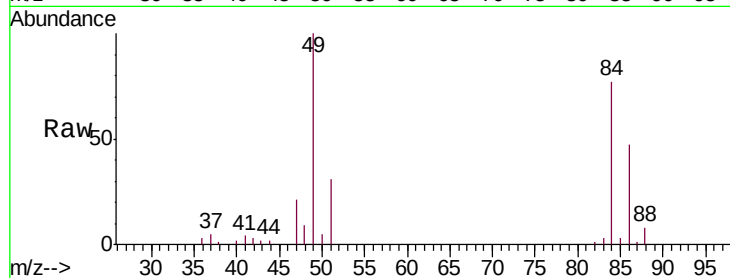
Tgt Ion: 84 Resp: 15620

Ion Ratio Lower Upper

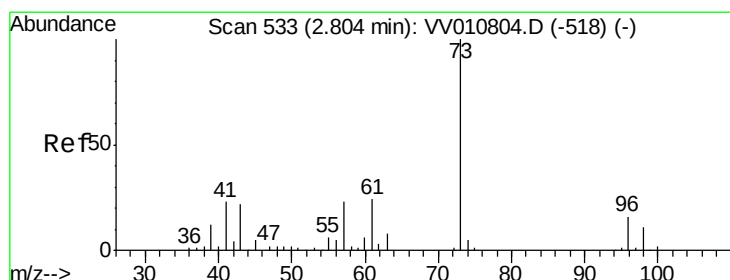
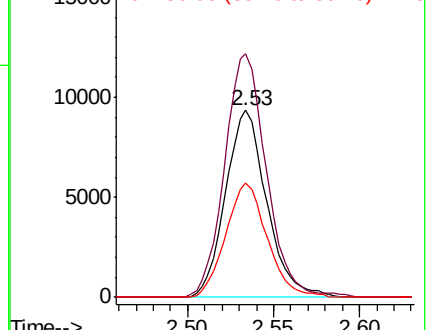
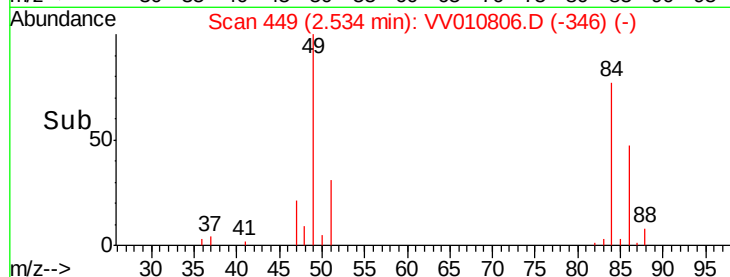
84 100

49 130.1 92.9 172.5

86 60.9 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010806.D (-438) (-)



#17

Methyl tert-butyl Ether

Concen: 27.285 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

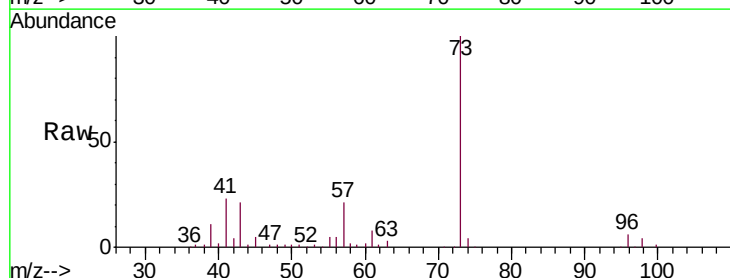
Tgt Ion: 73 Resp: 99810

Ion Ratio Lower Upper

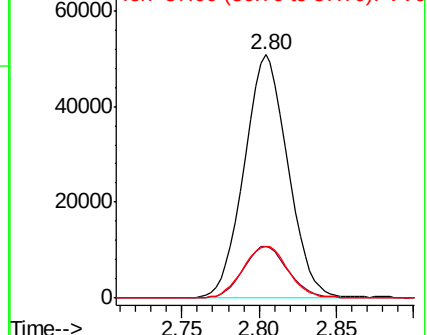
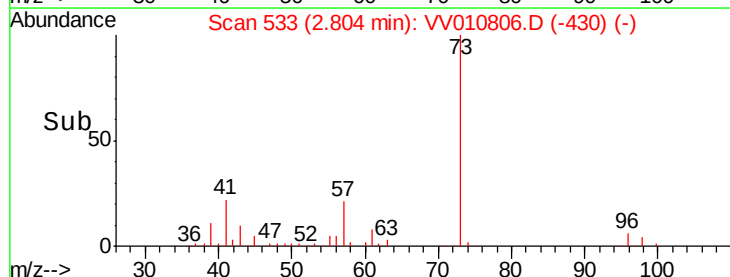
73 100

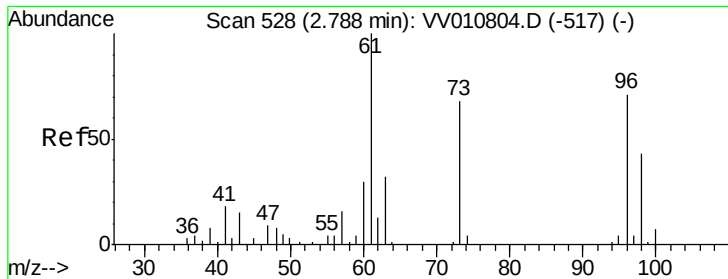
43 22.0 16.6 25.0

57 22.1 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VV010806.D (-430) (-)





#18

trans-1,2-Dichloroethene

Concen: 10.180 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV010806.D

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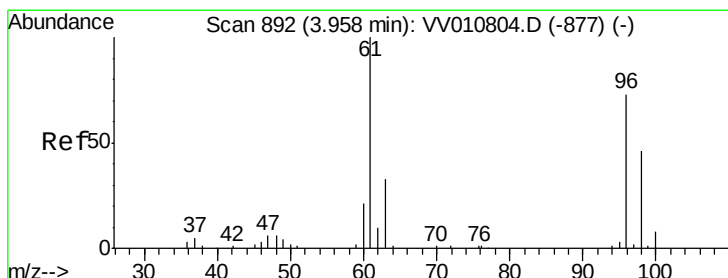
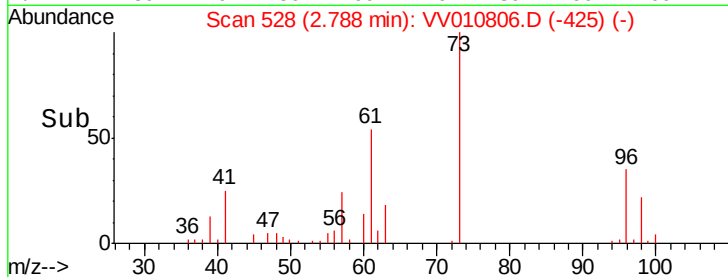
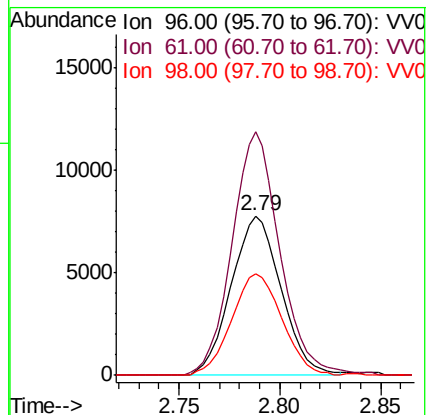
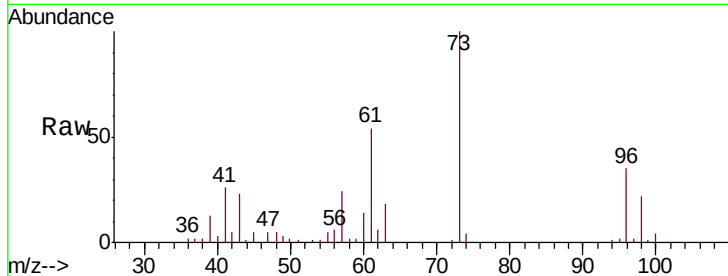
Tgt Ion: 96 Resp: 13443

Ion Ratio Lower Upper

96 100

61 152.6 102.8 190.8

98 64.0 44.0 81.6



#22

cis-1,2-Dichloroethene

Concen: 23.689 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

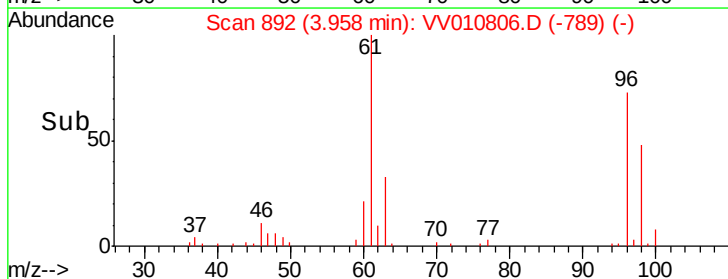
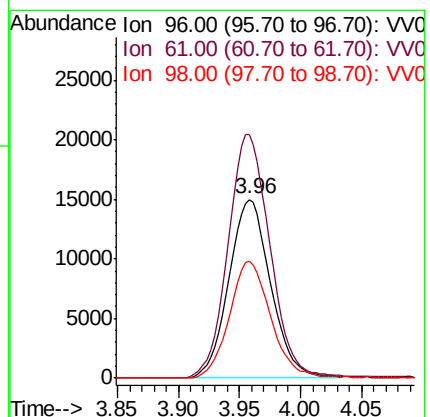
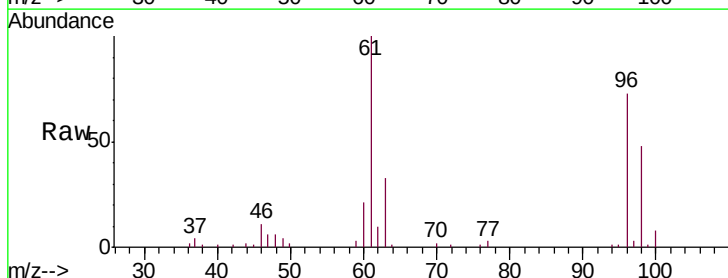
Tgt Ion: 96 Resp: 35734

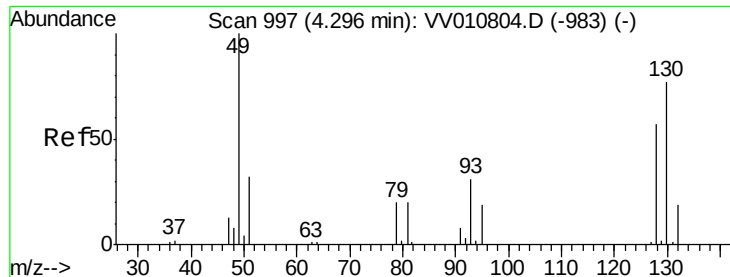
Ion Ratio Lower Upper

96 100

61 136.1 93.9 174.5

98 65.4 46.5 86.5





#23

Bromochloromethane

Concen: 14.171 ug/L

RT: 4.29 min Scan# 996

Delta R.T. -0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :
MSVOA_V
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Tgt Ion:128 Resp: 9609

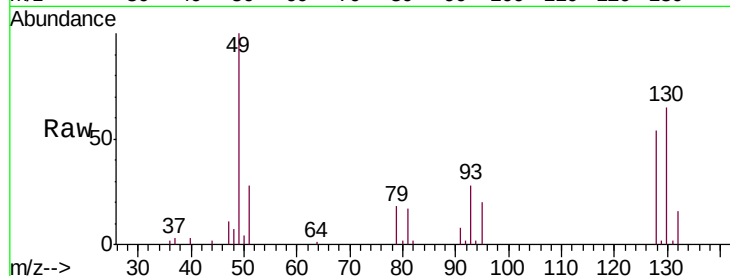
Ion Ratio Lower Upper

128 100

49 185.3 122.6 227.8

130 120.2 84.0 156.0

51 52.4 45.0 67.4

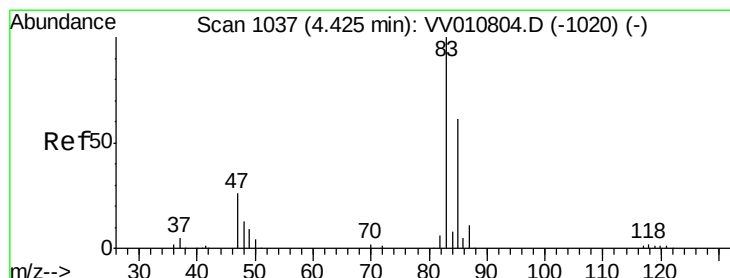
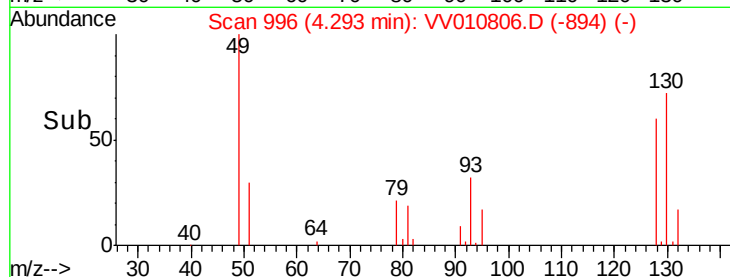
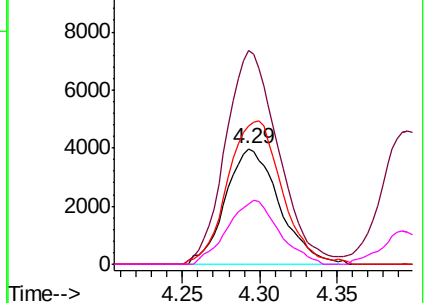


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 2.370 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010806.D

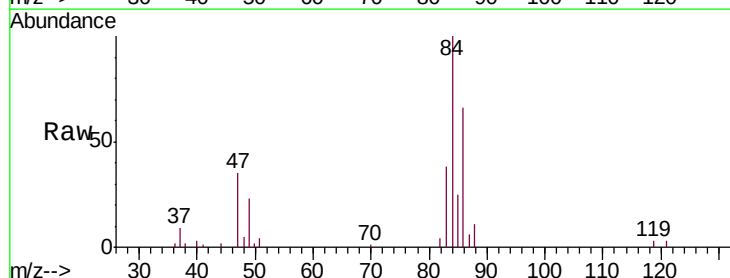
Acq: 10 May 2019 10:59

Tgt Ion: 83 Resp: 6656

Ion Ratio Lower Upper

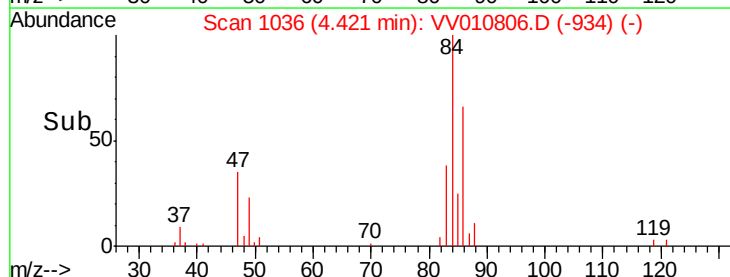
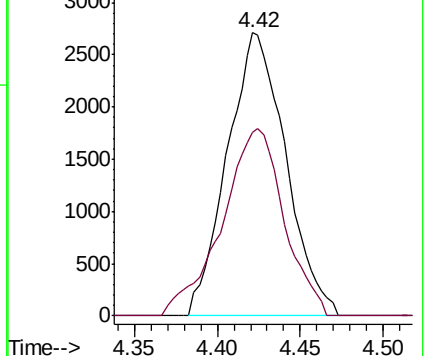
83 100

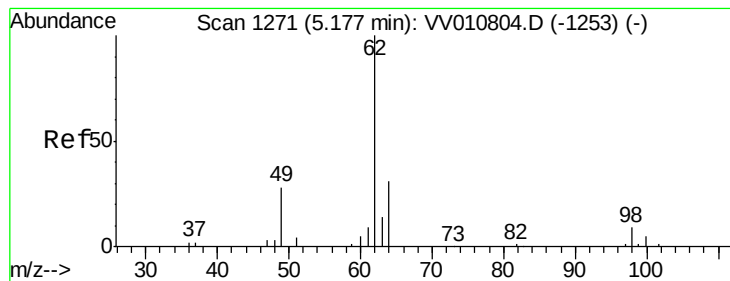
85 70.2 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 9.274 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampled :

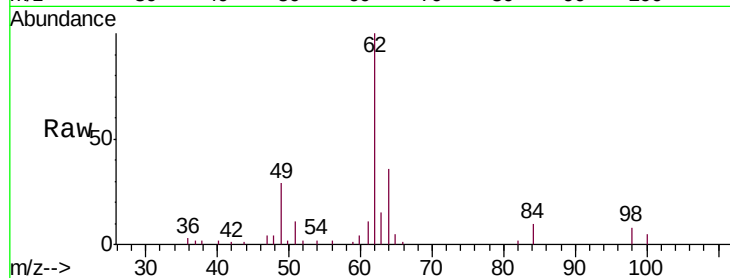
DB847

Tgt Ion: 62 Resp: 19038

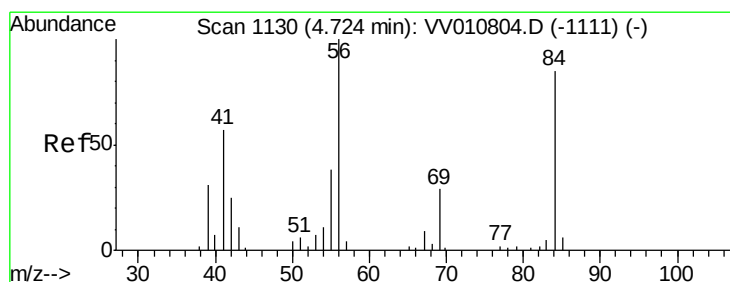
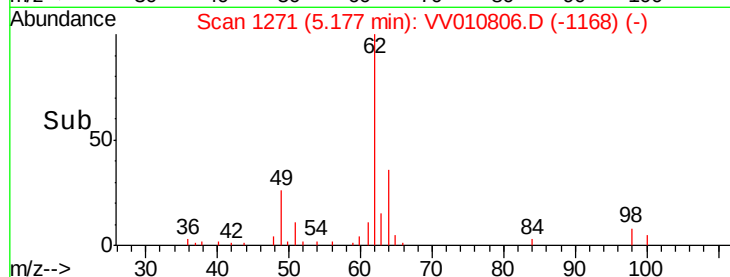
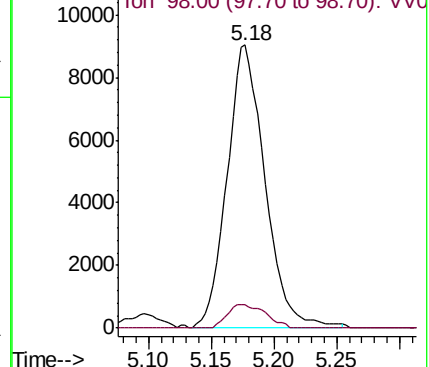
Ion Ratio Lower Upper

62 100

98 8.2 6.3 9.5



Abundance Ion 62.00 (61.70 to 62.70): VV010806.D (-1168) (-)



#30

Cyclohexane

Concen: 9.832 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

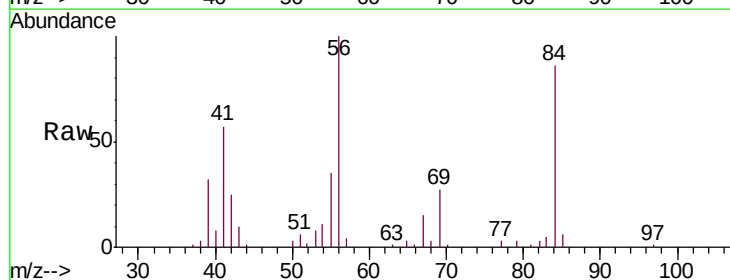
Tgt Ion: 56 Resp: 22967

Ion Ratio Lower Upper

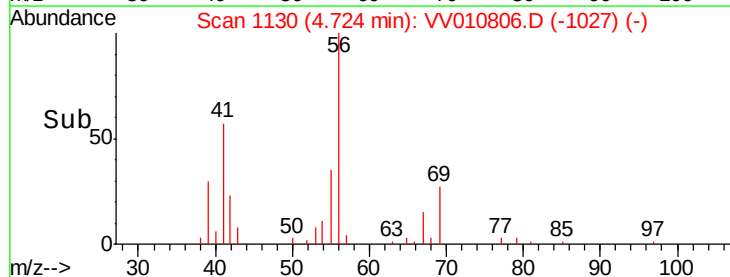
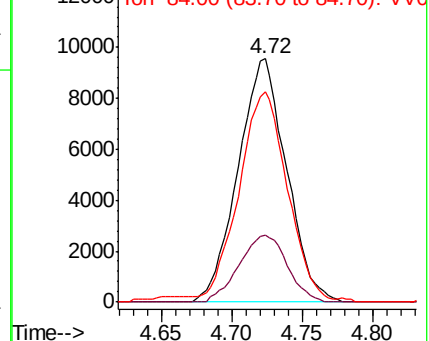
56 100

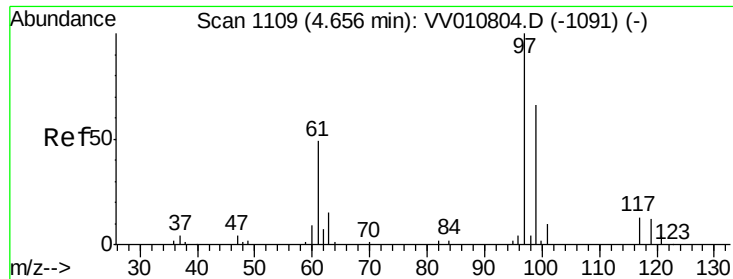
69 27.1 24.2 36.4

84 84.2 66.5 99.7



Abundance Ion 56.00 (55.70 to 56.70): VV010806.D (-1027) (-)





#31

1,1,1-Trichloroethane

Concen: 9.996 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

DB847

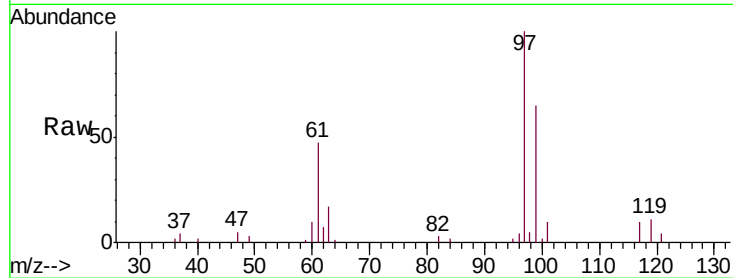
Tgt Ion: 97 Resp: 23215

Ion Ratio Lower Upper

97 100

99 63.5 50.2 75.2

61 46.7 36.7 55.1

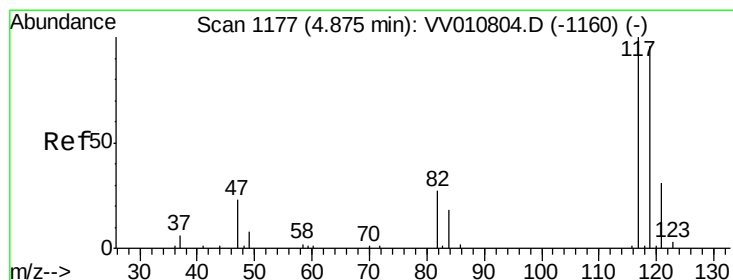
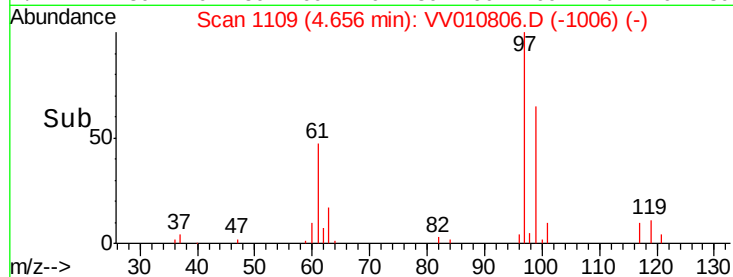
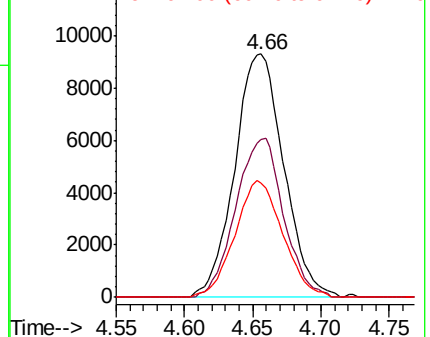


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.00 (60.70 to 61.70): VV0



#32

Carbon tetrachloride

Concen: 12.050 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV010806.D

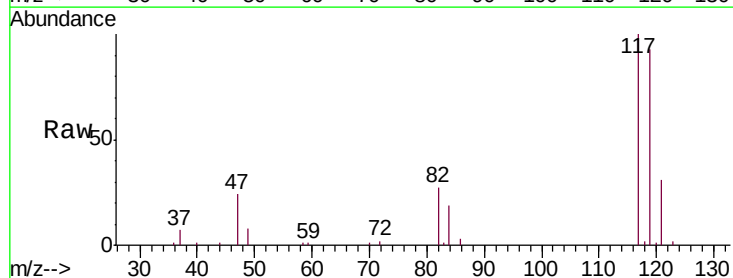
Acq: 10 May 2019 10:59

Tgt Ion: 117 Resp: 24377

Ion Ratio Lower Upper

117 100

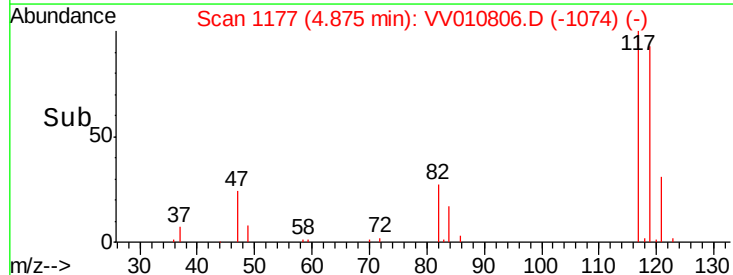
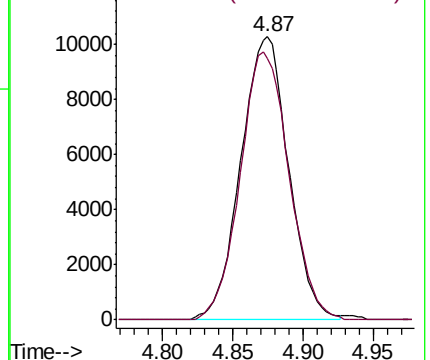
119 96.4 74.9 112.3

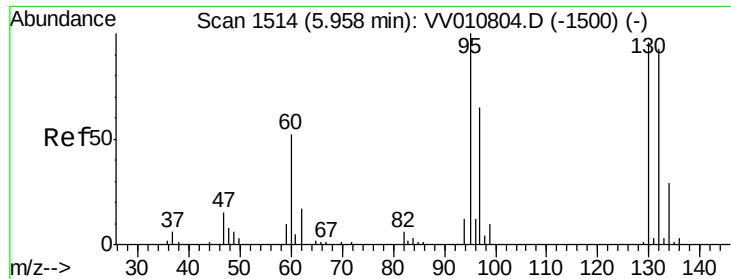


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V





#35

Trichloroethene

Concen: 38.010 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

DB847

Tgt Ion: 95 Resp: 58216

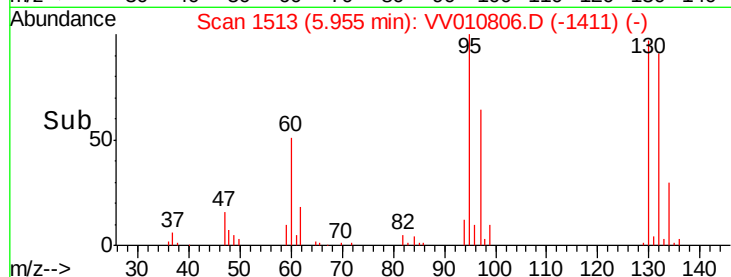
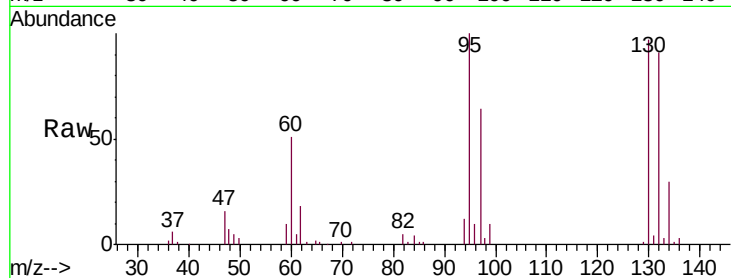
Ion Ratio Lower Upper

95 100

97 65.3 44.3 82.3

132 91.8 62.4 115.8

130 96.7 68.5 127.3

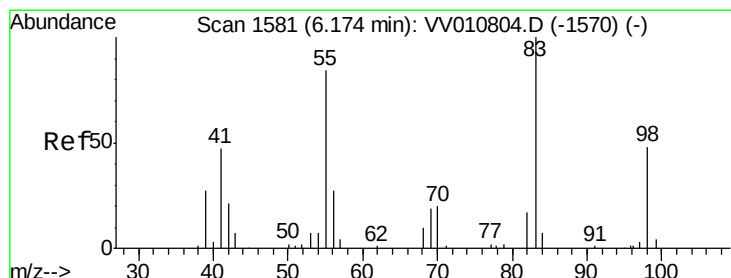
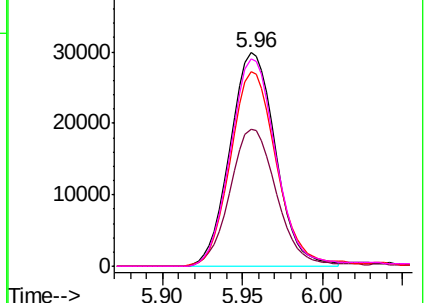


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#36

Methylcyclohexane

Concen: 25.391 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

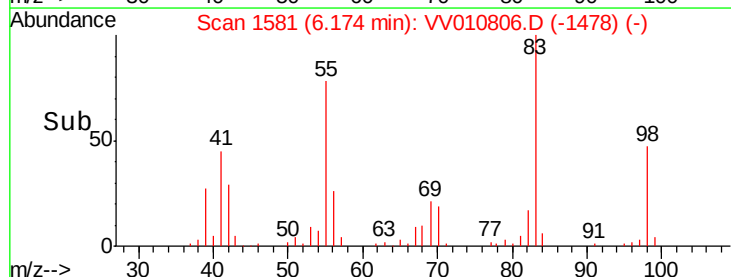
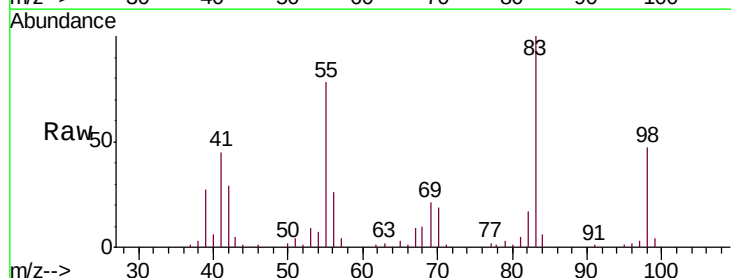
Tgt Ion: 83 Resp: 62327

Ion Ratio Lower Upper

83 100

55 77.3 64.6 96.8

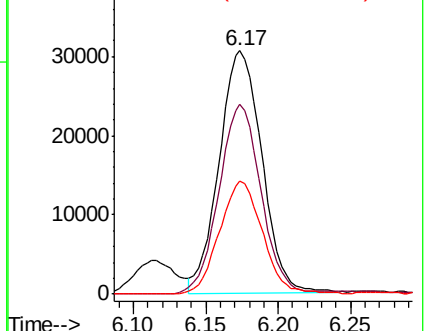
98 47.2 37.7 56.5

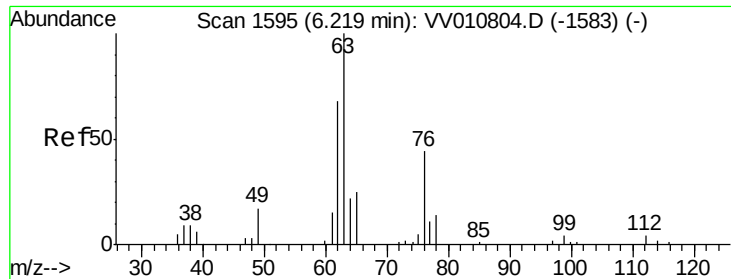


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

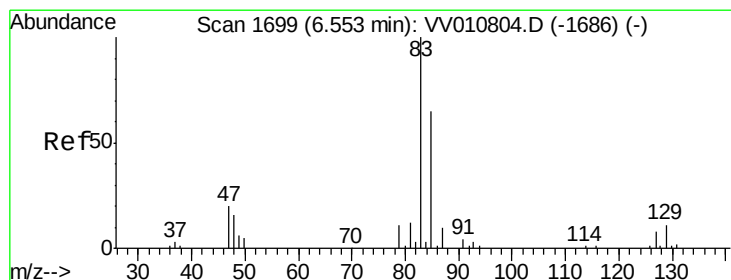
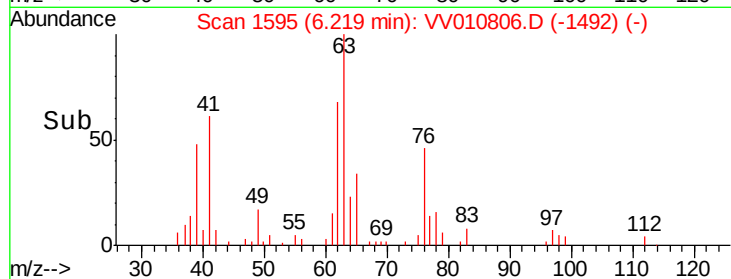
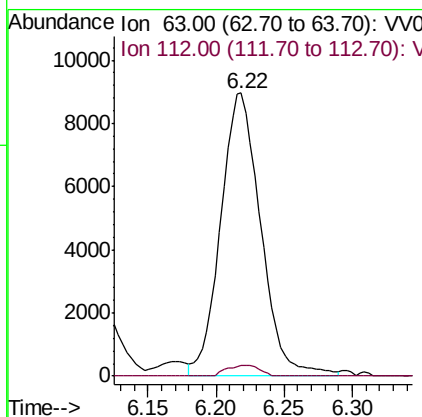
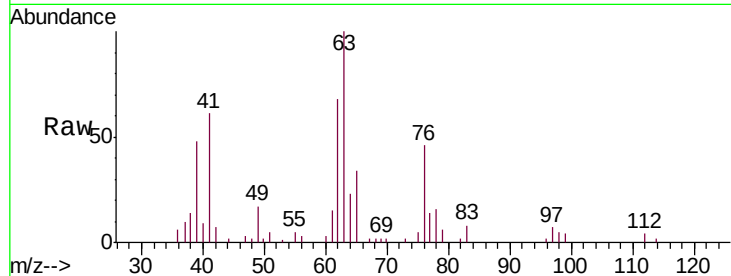




#40
 1,2-Dichloropropane
 Concen: 12.589 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV010806.D
 Acq: 10 May 2019 10:59

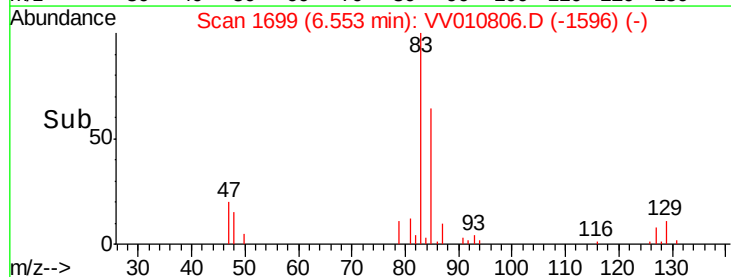
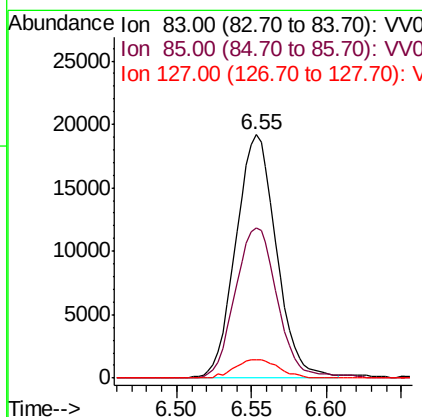
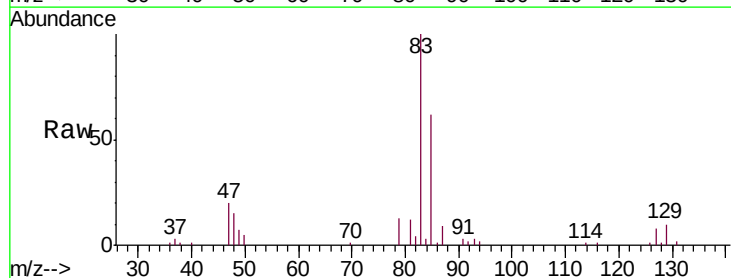
Instrument :
 MSVOA_V
 ClientSampleId :
 DB847

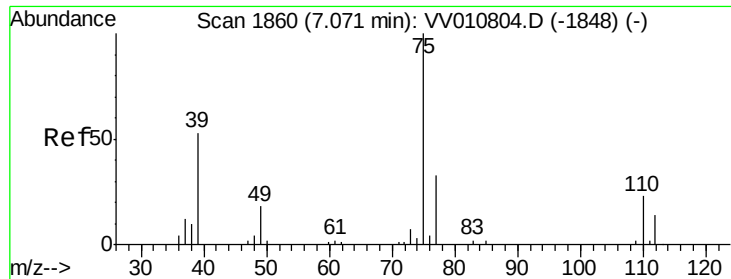
Tgt Ion: 63 Resp: 18311
 Ion Ratio Lower Upper
 63 100
 112 3.1 3.4 5.2#



#41
 Bromodichloromethane
 Concen: 18.111 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV010806.D
 Acq: 10 May 2019 10:59

Tgt Ion: 83 Resp: 36197
 Ion Ratio Lower Upper
 83 100
 85 61.8 43.5 80.7
 127 7.6 6.2 9.4



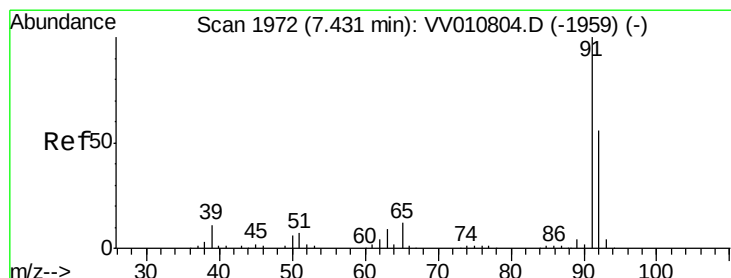
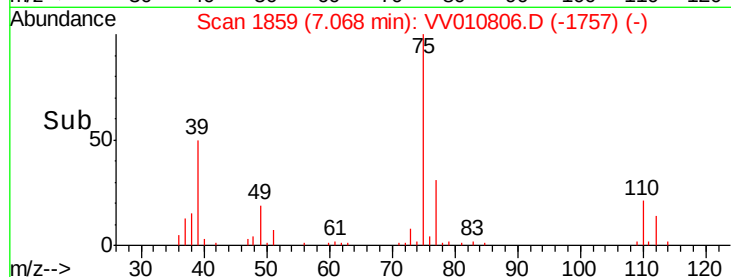
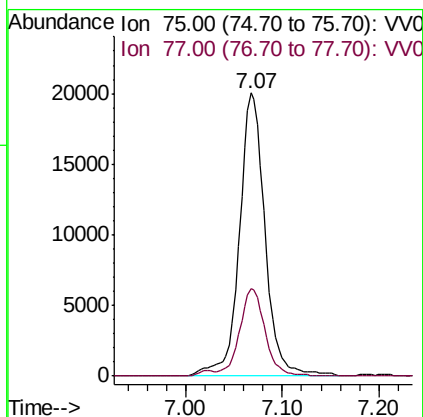
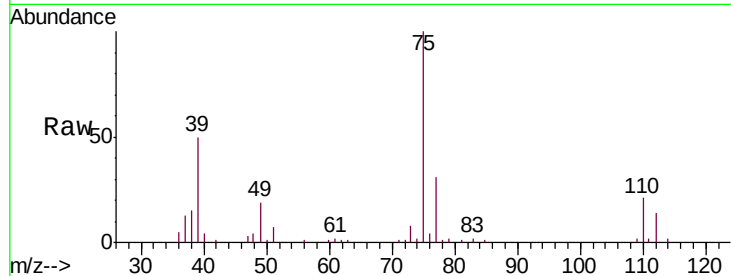


#42

cis-1,3-Dichloropropene
Concen: 16.094 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VV010806.D
Acq: 10 May 2019 10:59

Instrument :
MSVOA_V
ClientSampleId :
DB847

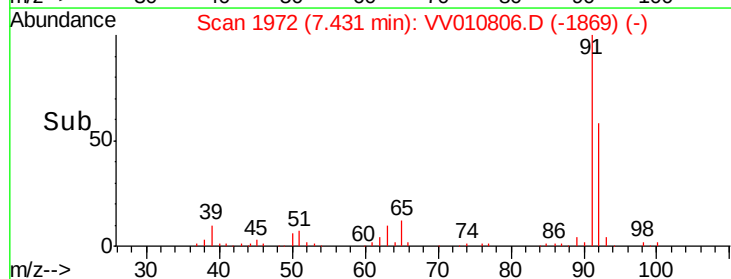
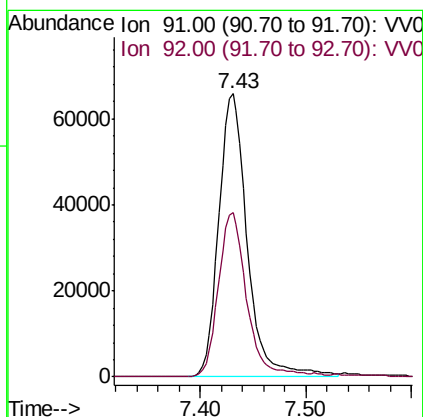
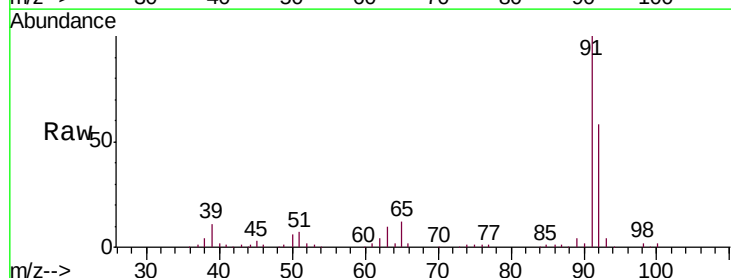
Tgt Ion: 75 Resp: 37027
Ion Ratio Lower Upper
75 100
77 30.9 22.3 41.3

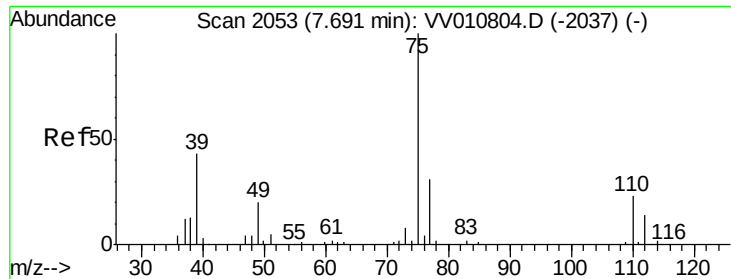


#44

Toluene
Concen: 19.930 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010806.D
Acq: 10 May 2019 10:59

Tgt Ion: 91 Resp: 123768
Ion Ratio Lower Upper
91 100
92 57.9 40.1 74.5





#45

trans-1,3-Dichloropropene

Concen: 7.436 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

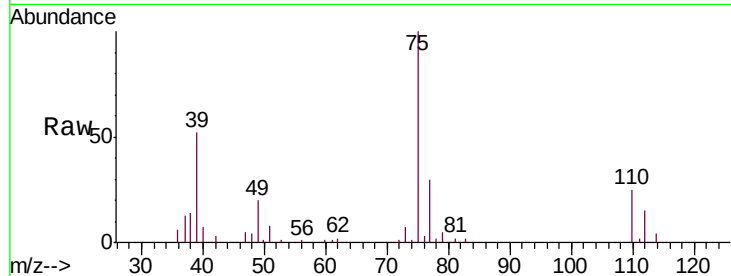
DB847

Tgt Ion: 75 Resp: 14406

Ion Ratio Lower Upper

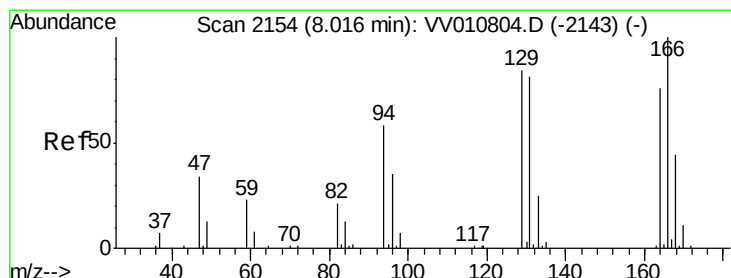
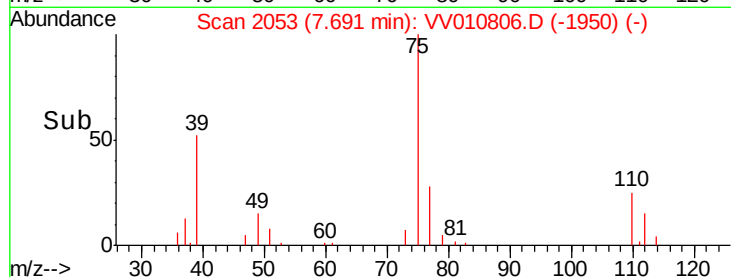
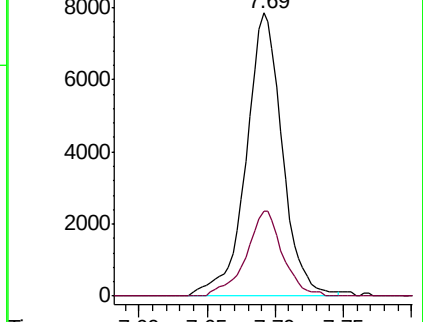
75 100

77 29.9 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV010806.D (-1950) (-)

Ion 77.00 (76.70 to 77.70): VV010806.D (-1950) (-)



#47

Tetrachloroethene

Concen: 39.095 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Tgt Ion: 164 Resp: 43364

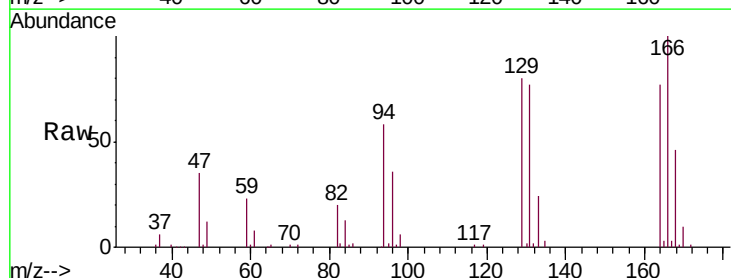
Ion Ratio Lower Upper

164 100

129 104.1 69.3 128.7

131 100.1 67.3 125.1

166 130.0 81.1 150.7

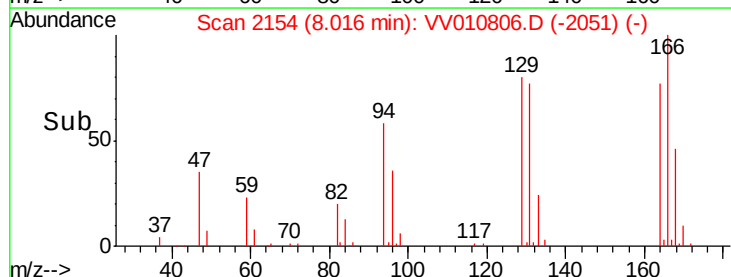
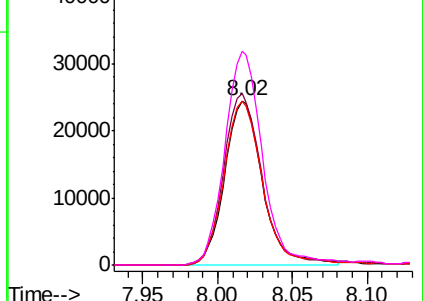


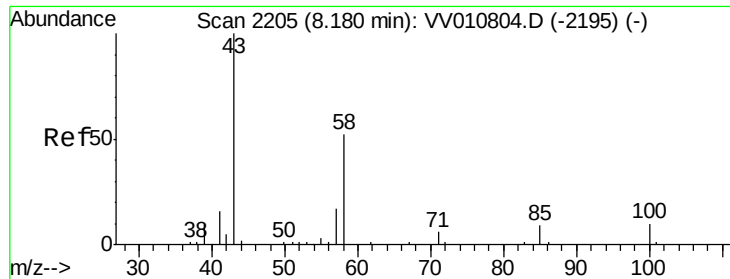
Abundance Ion 164.00 (163.70 to 164.70): VV010806.D (-2051) (-)

Ion 129.00 (128.70 to 129.70): VV010806.D (-2051) (-)

Ion 131.00 (130.70 to 131.70): VV010806.D (-2051) (-)

Ion 166.00 (165.70 to 166.70): VV010806.D (-2051) (-)

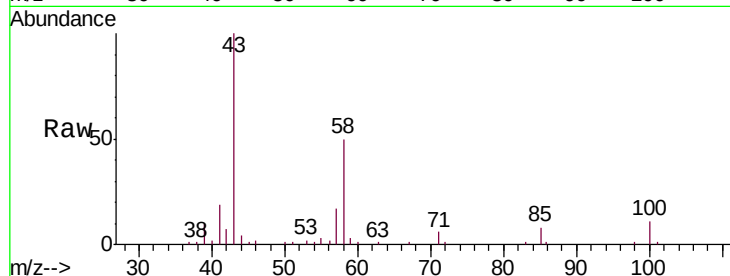




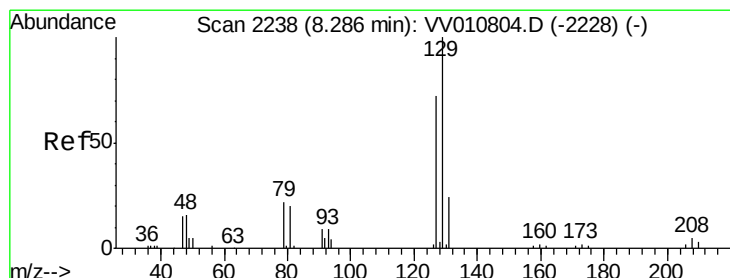
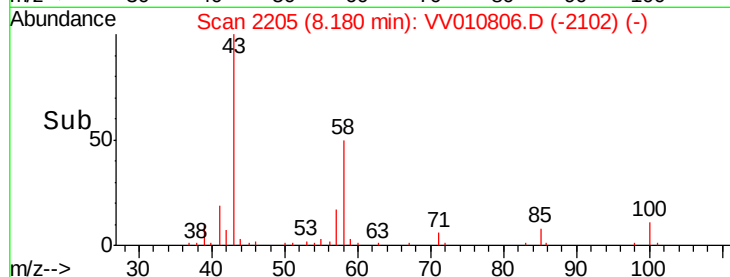
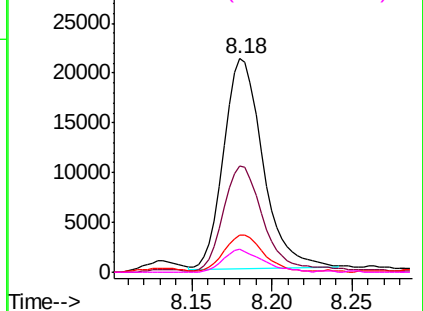
#49
2-Hexanone
Concen: 38.493 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV010806.D
Acq: 10 May 2019 10:59

Instrument :
MSVOA_V
ClientSampleId :
DB847

Tgt Ion:	43	Resp:	35833
Ion	Ratio	Lower	Upper
43	100		
58	49.0	39.4	59.0
57	17.9	14.2	21.4
100	10.8	8.2	12.2

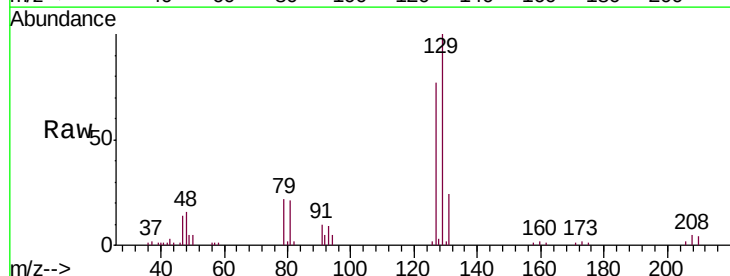


Abundance Ion 43.00 (42.70 to 43.70): VV010806.D (-2195) (-)
Ion 58.00 (57.70 to 58.70): VV010806.D (-2195) (-)
Ion 57.00 (56.70 to 57.70): VV010806.D (-2195) (-)
Ion 100.00 (99.70 to 100.70): VV010806.D (-2195) (-)

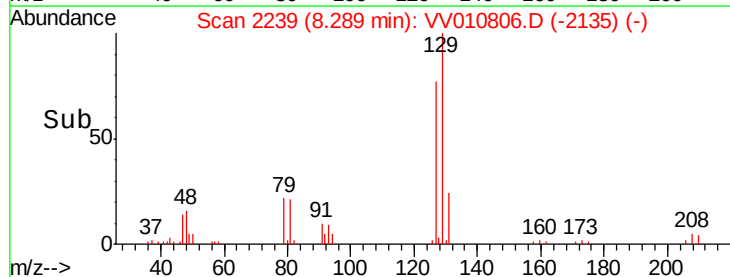
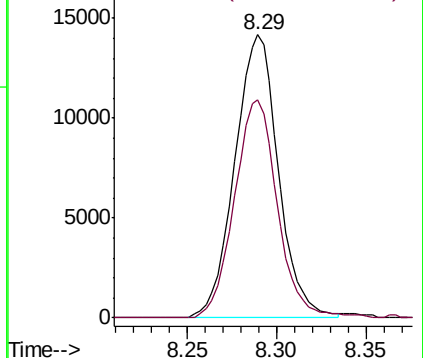


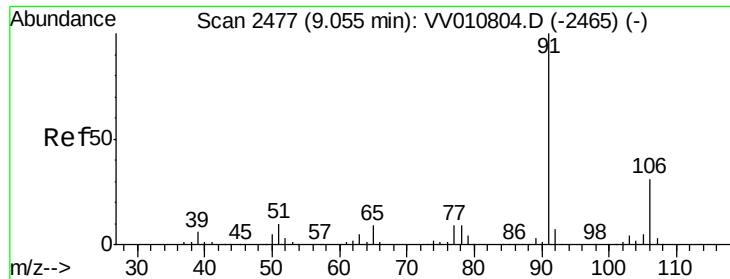
#50
Dibromochloromethane
Concen: 17.629 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010806.D
Acq: 10 May 2019 10:59

Tgt Ion:	129	Resp:	24225
Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.5	101.1



Abundance Ion 129.00 (128.70 to 129.70): VV010806.D (-2228) (-)
Ion 127.00 (126.70 to 127.70): VV010806.D (-2228) (-)





#53

Ethylbenzene

Concen: 14.594 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleID :

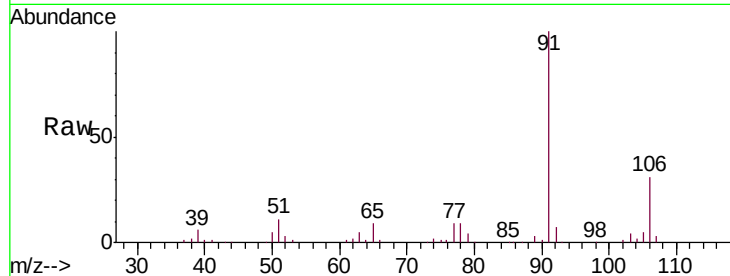
DB847

Tgt Ion: 91 Resp: 105084

Ion Ratio Lower Upper

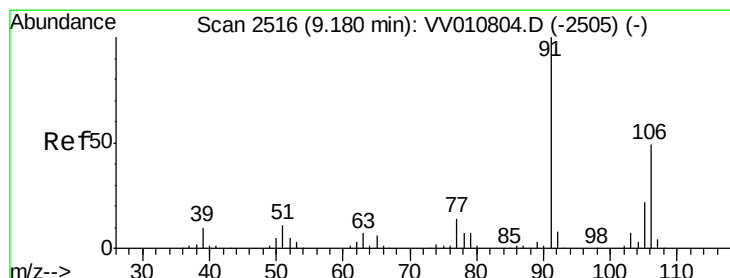
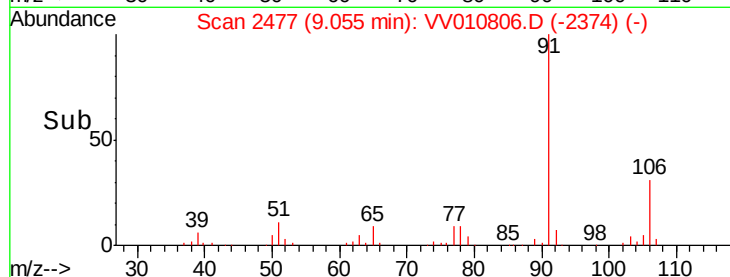
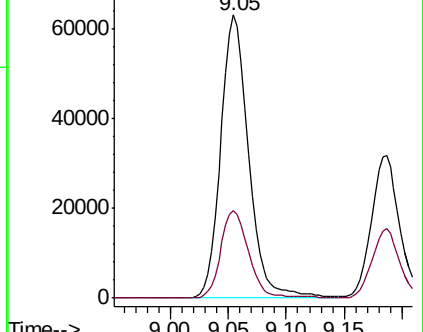
91 100

106 30.9 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV010806.D (-2374) (-)

Ion 106.00 (105.70 to 106.70): VV010806.D (-2374) (-)



#54

m,p-Xylene

Concen: 9.453 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.01 min

Lab File: VV010806.D

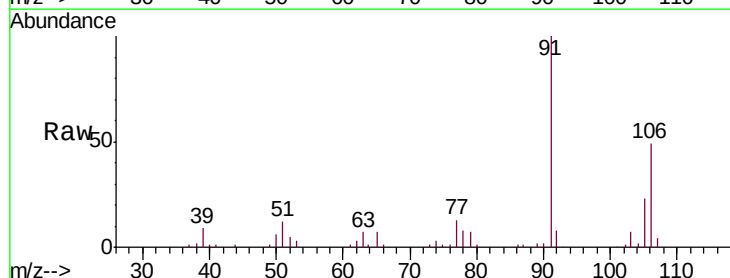
Acq: 10 May 2019 10:59

Tgt Ion: 106 Resp: 25431

Ion Ratio Lower Upper

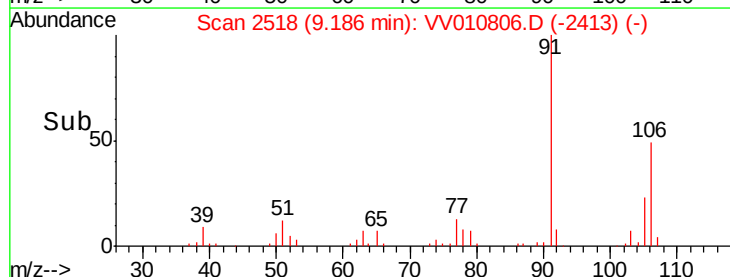
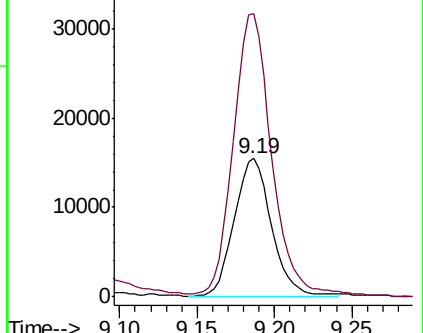
106 100

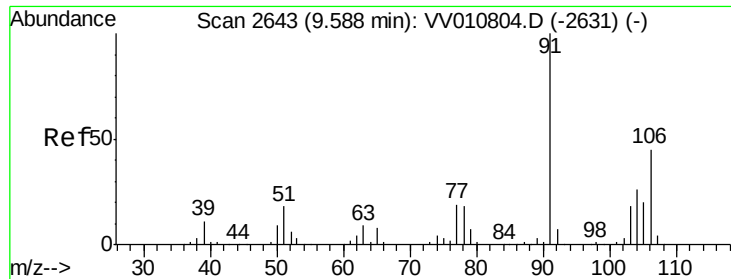
91 204.3 145.4 270.0



Abundance Ion 106.00 (105.70 to 106.70): VV010806.D (-2413) (-)

Ion 91.00 (90.70 to 91.70): VV010806.D (-2413) (-)





#55

o-xylene

Concen: 11.584 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

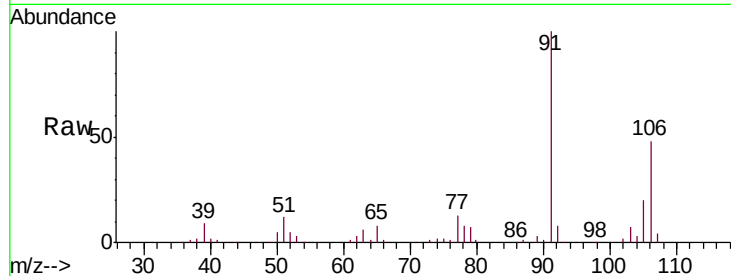
DB847

Tgt Ion:106 Resp: 30909

Ion Ratio Lower Upper

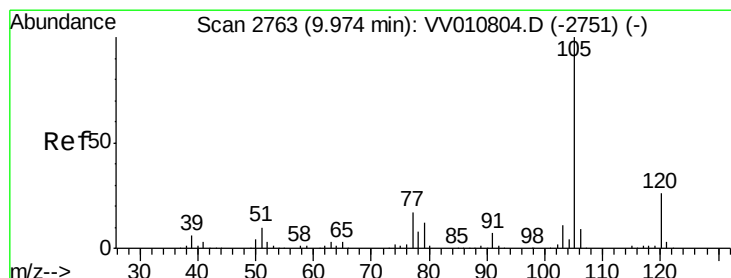
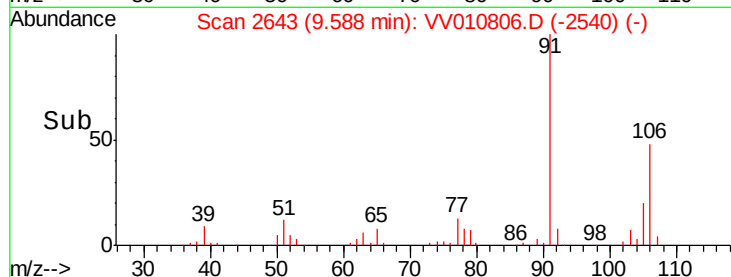
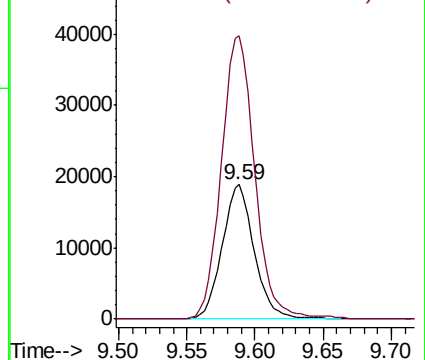
106 100

91 210.0 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#57

Isopropylbenzene

Concen: 11.981 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

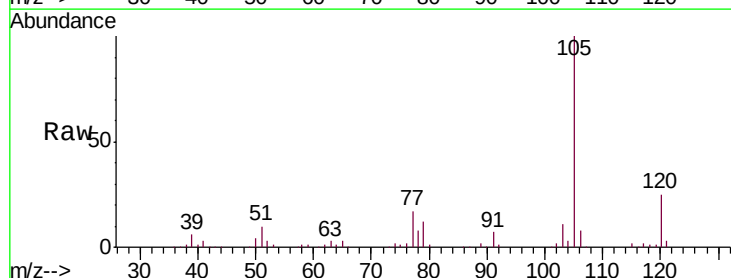
Tgt Ion:105 Resp: 85299

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

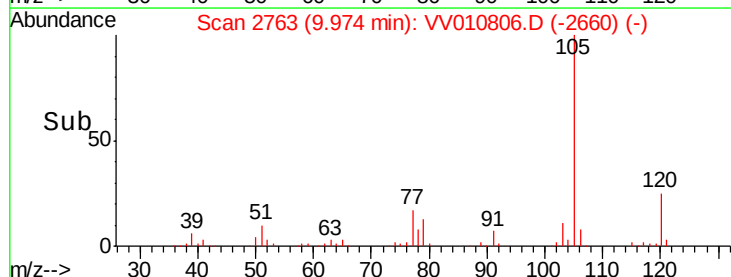
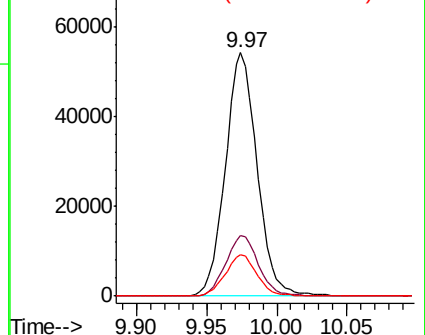
77 17.0 12.8 19.2

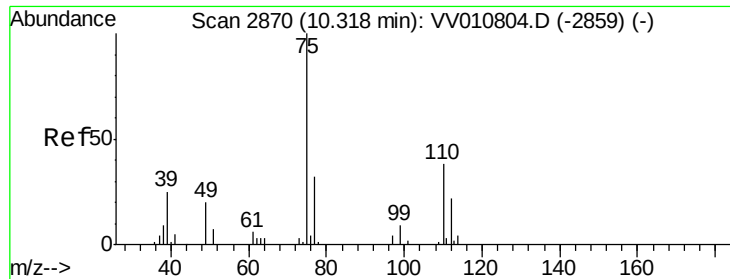


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.789 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.06 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampled :

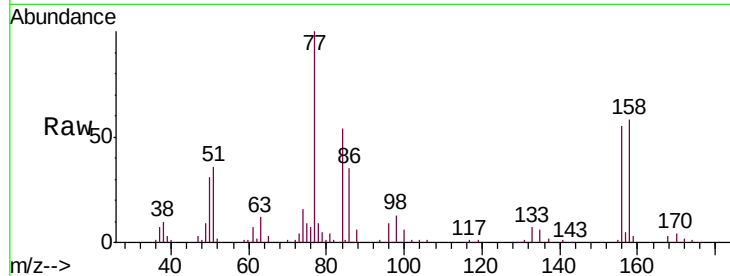
DB847

Tgt Ion: 75 Resp: 5851

Ion Ratio Lower Upper

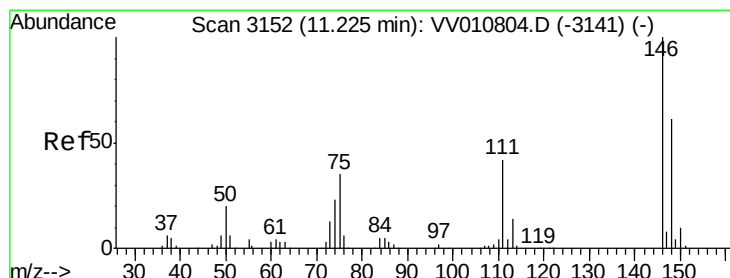
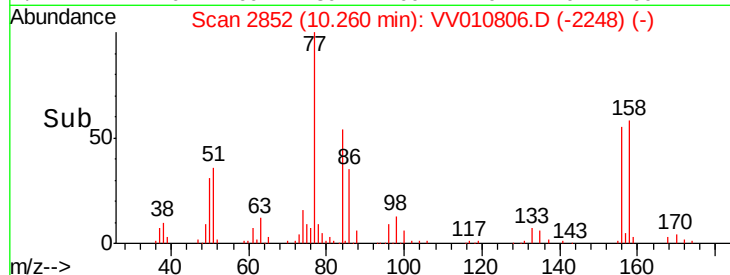
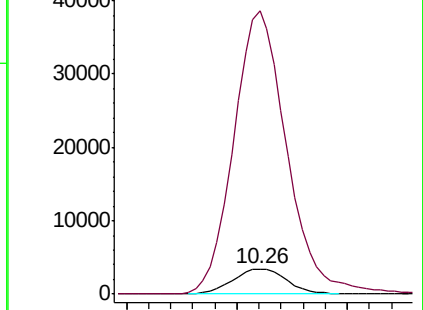
75 100

77 1110.4 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010806.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010806.D (-2859) (-)



#63

1,3-Dichlorobenzene

Concen: 19.418 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

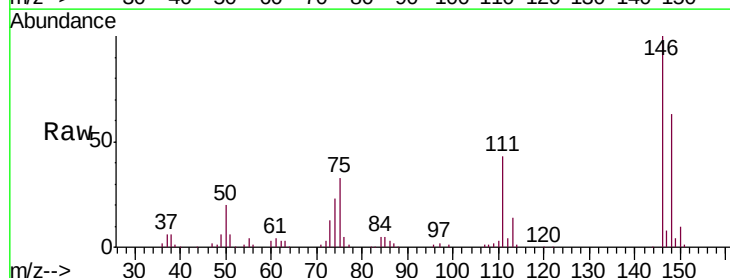
Tgt Ion: 146 Resp: 58739

Ion Ratio Lower Upper

146 100

111 43.1 30.6 56.8

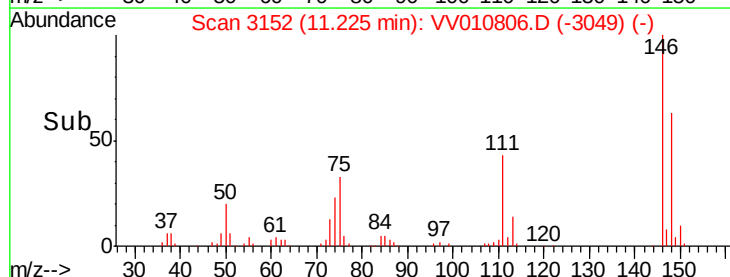
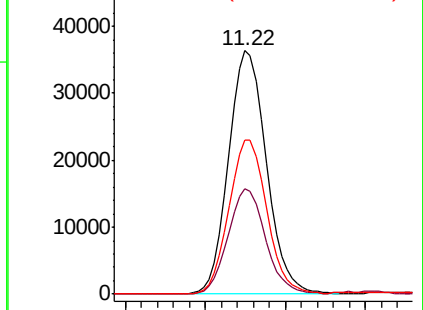
148 63.5 44.9 83.5

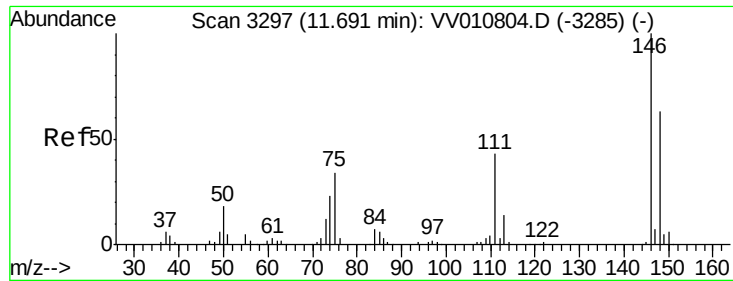


Abundance Ion 146.00 (145.70 to 146.70): VV010806.D (-3049) (-)

Ion 111.00 (110.70 to 111.70): VV010806.D (-3049) (-)

Ion 148.00 (147.70 to 148.70): VV010806.D (-3049) (-)





#65

1,2-Dichlorobenzene

Concen: 9.318 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

Instrument :

MSVOA_V

ClientSampleId :

DB847

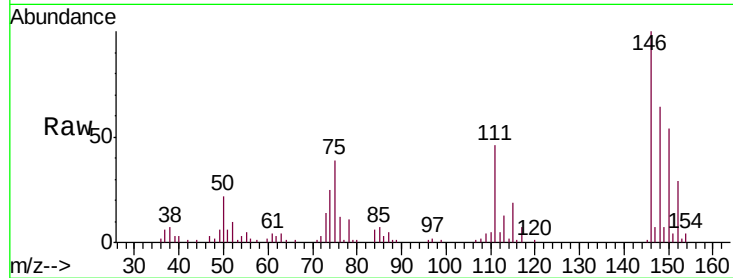
Tgt Ion: 146 Resp: 27376

Ion Ratio Lower Upper

146 100

111 45.8 37.0 55.4

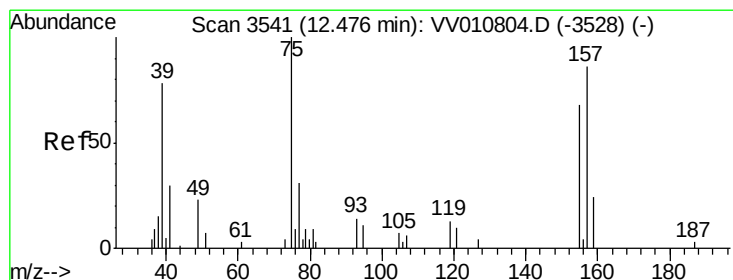
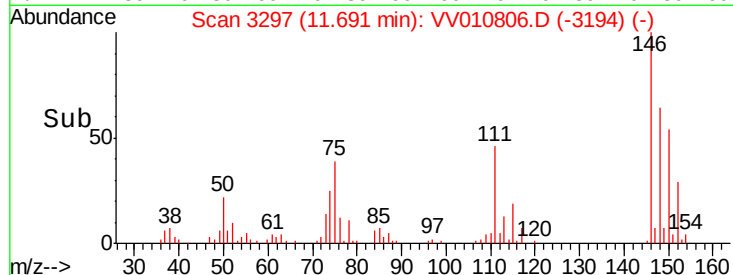
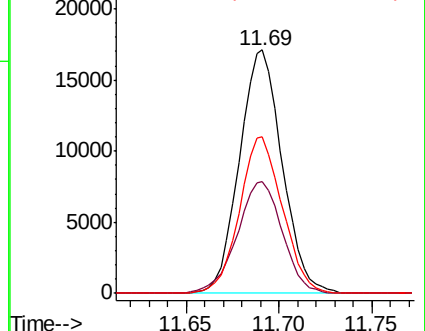
148 64.2 51.3 76.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 15.545 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. 0.00 min

Lab File: VV010806.D

Acq: 10 May 2019 10:59

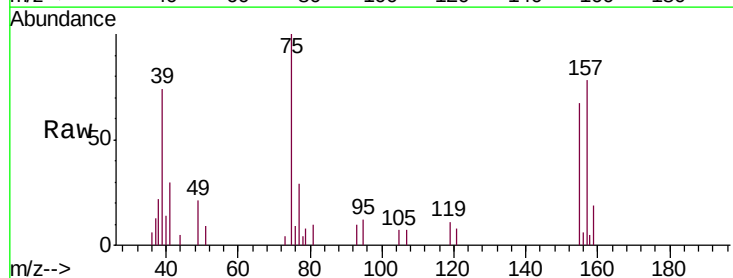
Tgt Ion: 75 Resp: 4238

Ion Ratio Lower Upper

75 100

157 77.7 76.9 115.3

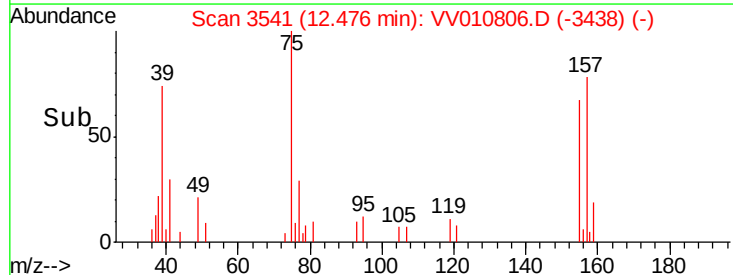
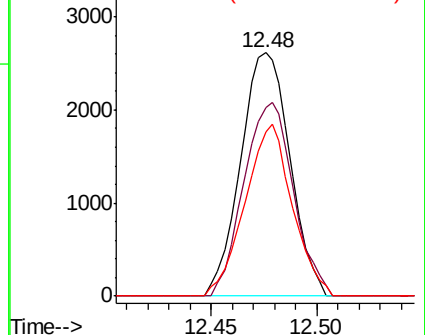
155 67.5 57.9 86.9

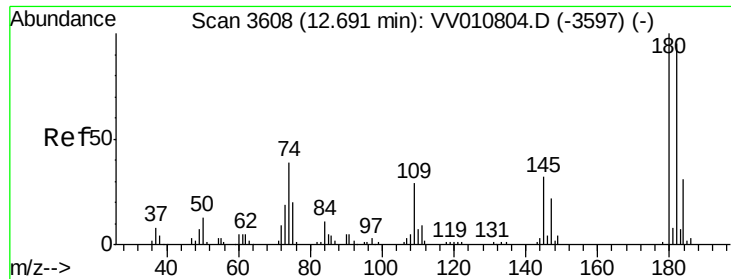


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

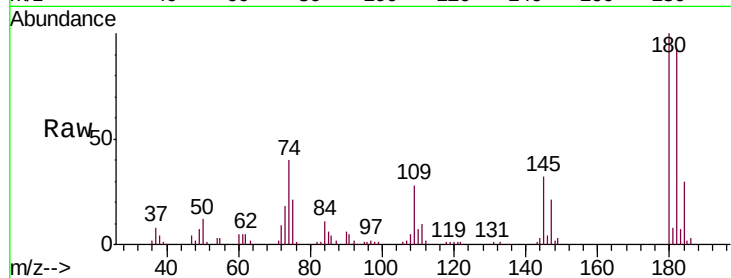




#67
 1,3,5-Trichlorobenzene
 Concen: 23.909 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV010806.D
 Acq: 10 May 2019 10:59

Instrument :
 MSVOA_V
 ClientSampleId :
 DB847

Tgt Ion:	180	Resp:	52097
Ion	Ratio	Lower	Upper
180	100		
182	92.9	74.7	112.1
184	29.6	23.7	35.5
145	32.0	26.0	39.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

