

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
 Data File : VV010351.D
 Acq On : 18 Apr 2019 16:04
 Operator : SY/MD
 Sample : K2470-01
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5105

Quant Time: Apr 19 06:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	342490	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	332621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	176909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99491	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	1.57	69	86072	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
10) 1,1-Dichloroethene-d2	2.13	63	242986	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.64%
20) 2-Butanone-d5	3.94	46	55207	40.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.52%
24) Chloroform-d	4.40	84	202930	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.08	65	121168	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.20%
29) Benzene-d6	5.10	84	413217	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	6.12	67	115877	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	7.36	98	393971	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	7.66	79	55514	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	8.13	63	46181	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	106936	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	164409	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	88741	19.656	ug/L 98
6) Bromomethane	1.53	94	34303	11.371	ug/L 98
9) Trichlorofluoromethane	1.76	101	149292	15.412	ug/L 99
12) 1,1-Dichloroethene	2.14	96	101230	22.752	ug/L 93
13) Acetone	2.20	43	126770	88.692	ug/L 100
15) Methyl Acetate	2.46	43	73323	31.428	ug/L 93
16) Methylene chloride	2.53	84	55901	10.219	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	332161	31.001	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	45282	10.729	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	121342	25.238	ug/L 97
23) Bromochloromethane	4.30	128	35793	14.874	ug/L 98
27) 1,2-Dichloroethane	5.18	62	56855	9.471	ug/L 98
30) Cyclohexane	4.72	56	64976	10.659	ug/L 96
31) 1,1,1-Trichloroethane	4.66	97	77084	10.512	ug/L 100
32) Carbon tetrachloride	4.87	117	90175	13.033	ug/L 100
35) Trichloroethene	5.96	95	195888	40.791	ug/L 98
36) Methylcyclohexane	6.18	83	194867	27.867	ug/L 99

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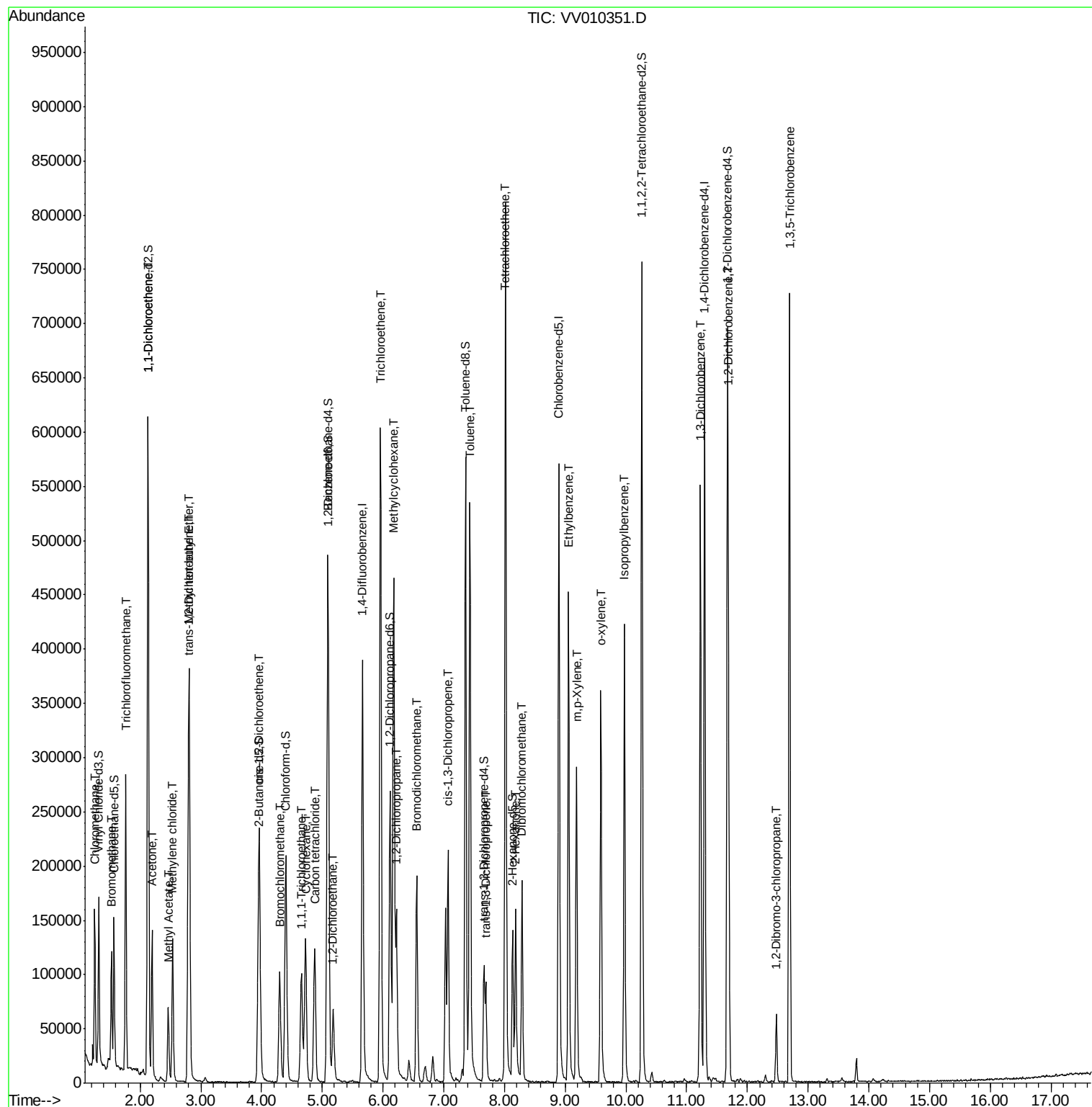
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	6.22	63	55994	13.450	ug/L	97
41) Bromodichloromethane	6.55	83	118674	20.314	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	112044	17.845	ug/L	95
44) Toluene	7.43	91	390125	21.320	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	47600	8.131	ug/L	100
47) Tetrachloroethene	8.02	164	179316	41.848	ug/L	96
49) 2-Hexanone	8.18	43	95047	41.749	ug/L	94
50) Dibromochloromethane	8.29	129	90976	19.756	ug/L	98
53) Ethylbenzene	9.05	91	321936	15.486	ug/L	100
54) m,p-Xylene	9.19	106	82563	10.260	ug/L	93
55) o-xylene	9.59	106	98981	12.753	ug/L	98
57) Isopropylbenzene	9.97	105	265365	12.831	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	218827	20.282	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	107365	10.307	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	13458	16.166	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	220636	24.588	ug/L	98

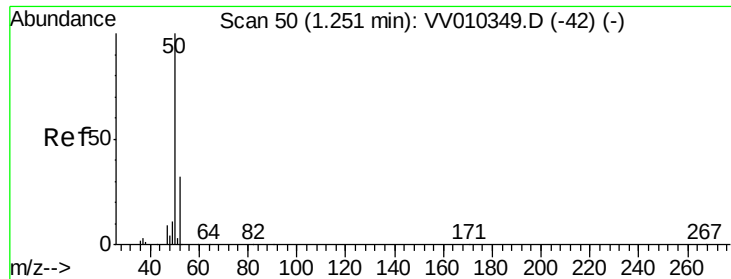
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 19.656 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

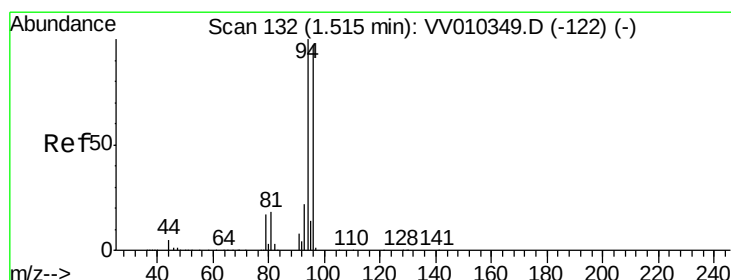
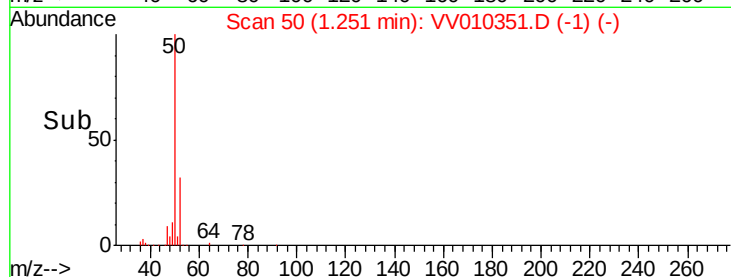
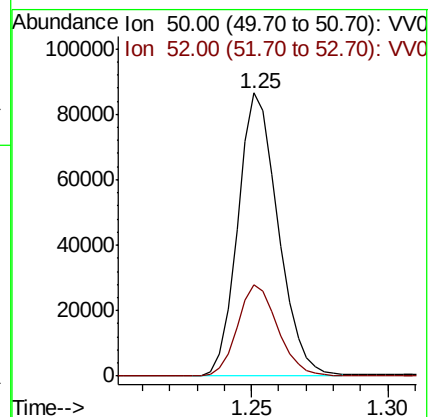
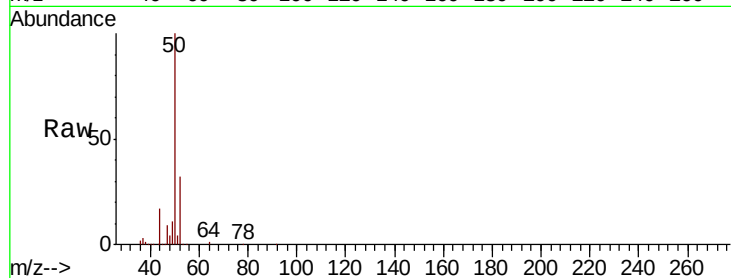
A5105

Tgt Ion: 50 Resp: 88741

Ion Ratio Lower Upper

50 100

52 32.1 23.2 43.2



#6

Bromomethane

Concen: 11.371 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.01 min

Lab File: VV010351.D

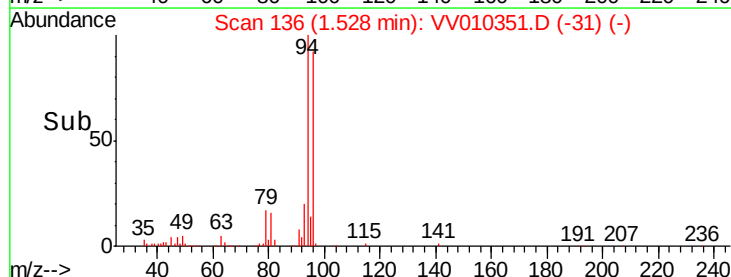
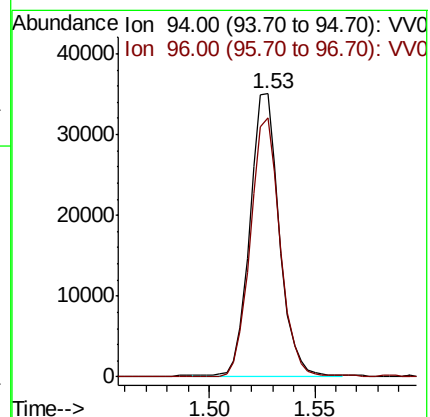
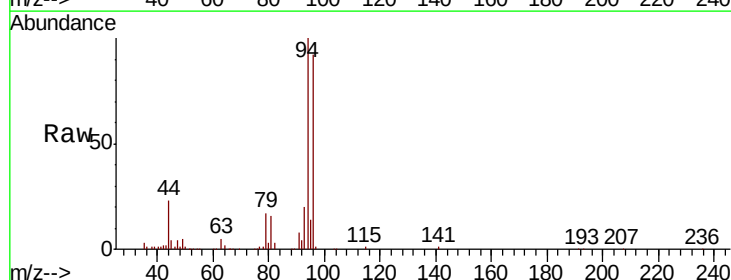
Acq: 18 Apr 2019 16:04

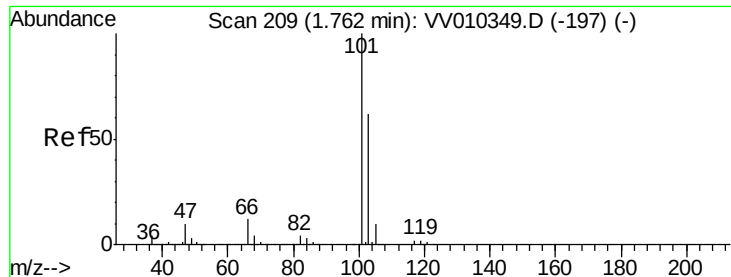
Tgt Ion: 94 Resp: 34303

Ion Ratio Lower Upper

94 100

96 91.1 9.3 177.1



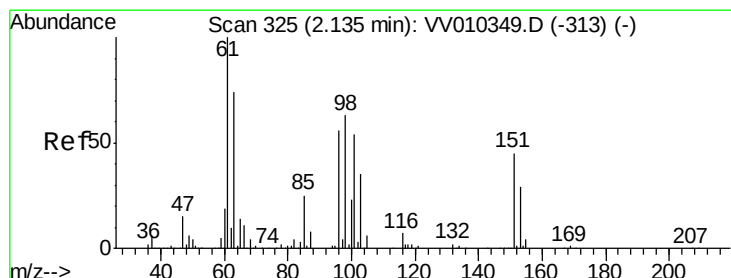
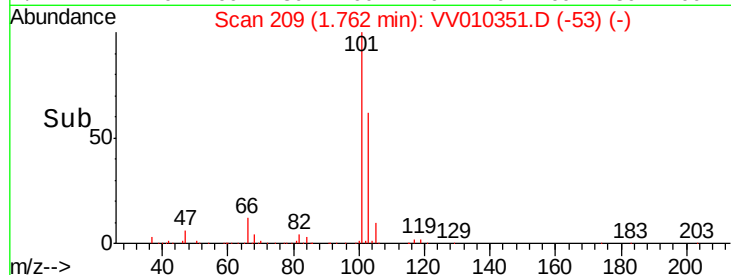
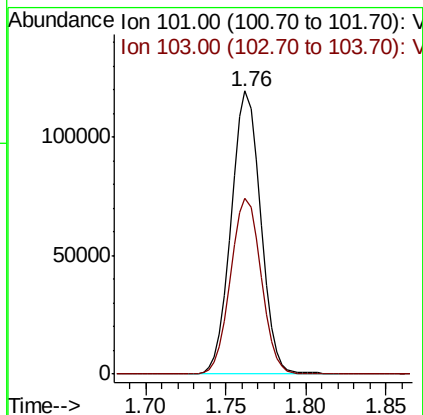
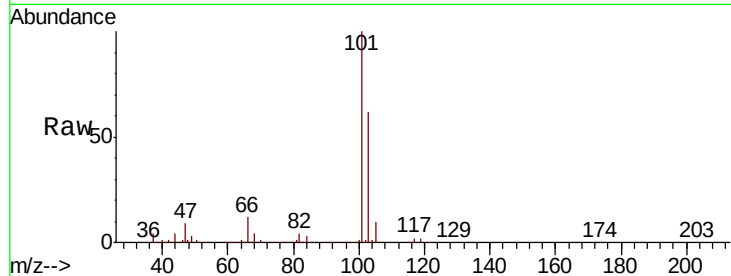


#9

Trichlorofluoromethane
 Concen: 15.412 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VV010351.D
 Acq: 18 Apr 2019 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 A5105

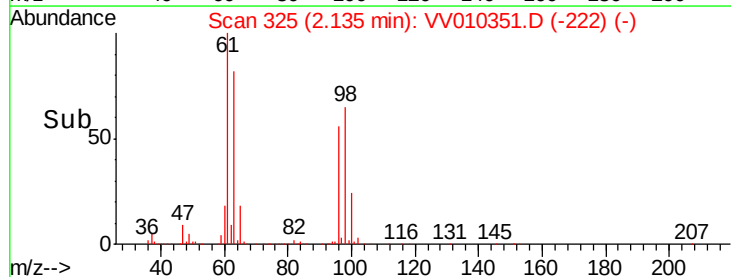
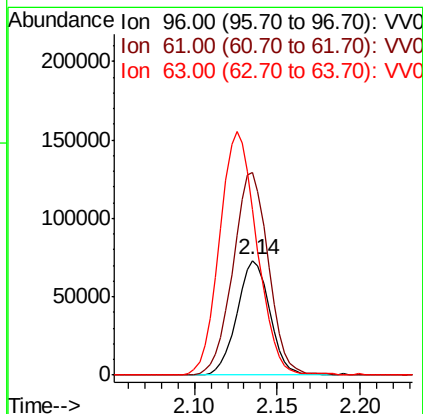
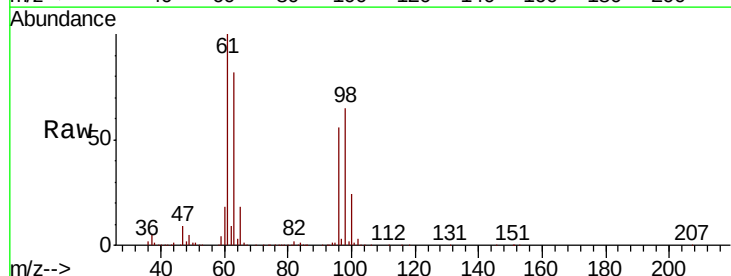
Tgt Ion:101 Resp: 149292
 Ion Ratio Lower Upper
 101 100
 103 64.4 45.5 84.5

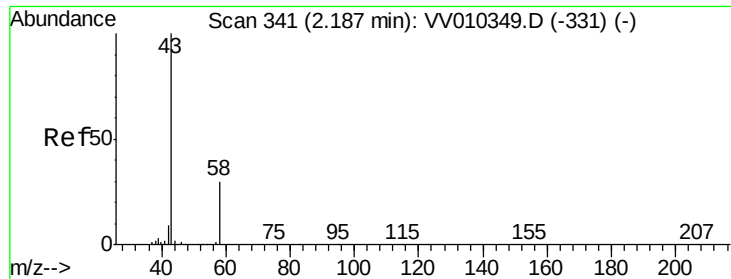


#12

1,1-Dichloroethene
 Concen: 22.752 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV010351.D
 Acq: 18 Apr 2019 16:04

Tgt Ion: 96 Resp: 101230
 Ion Ratio Lower Upper
 96 100
 61 177.2 124.7 231.5
 63 144.6 88.7 164.7





#13

Acetone

Concen: 88.692 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

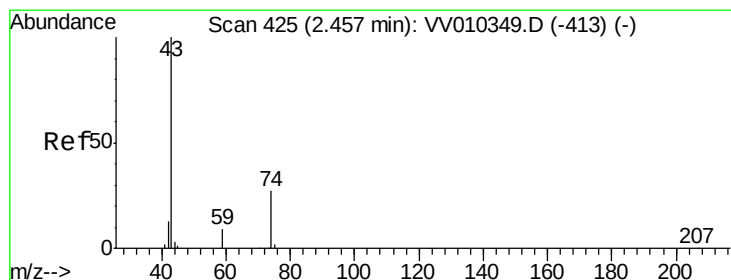
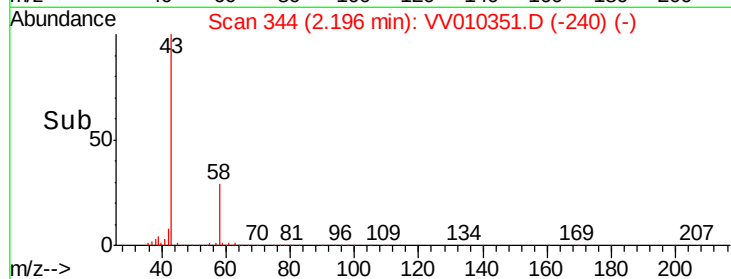
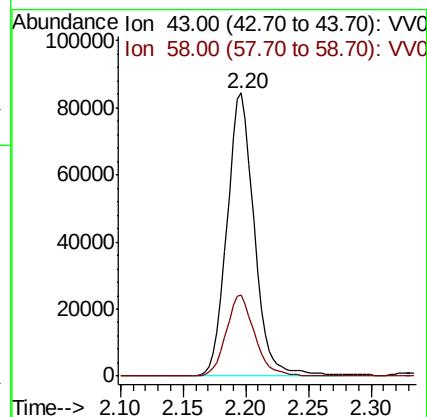
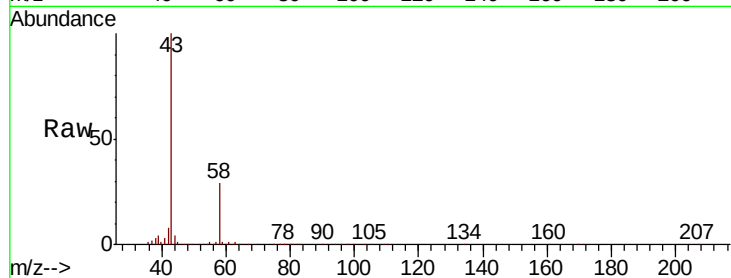
A5105

Tgt Ion: 43 Resp: 126770

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.0



#15

Methyl Acetate

Concen: 31.428 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV010351.D

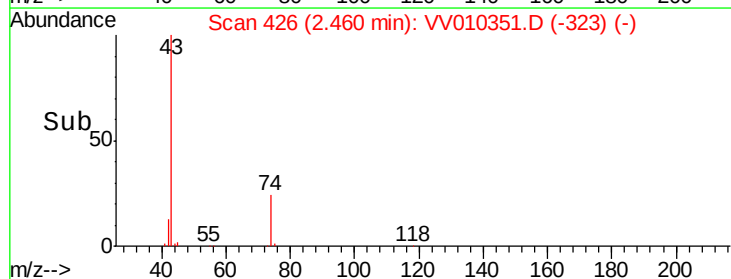
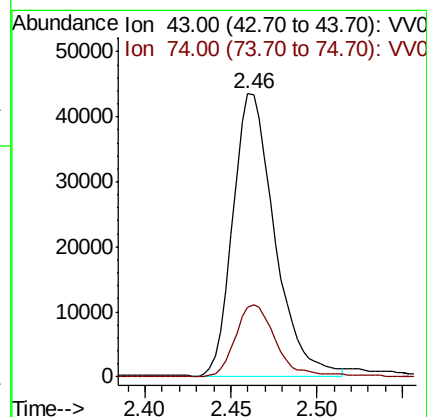
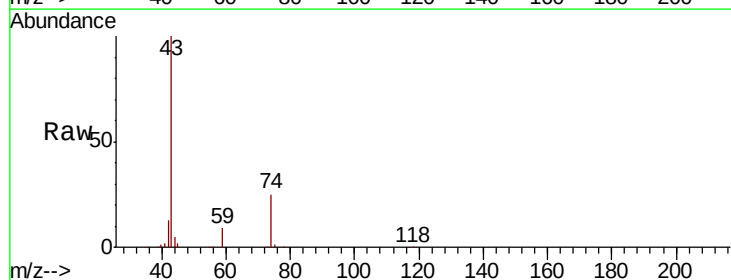
Acq: 18 Apr 2019 16:04

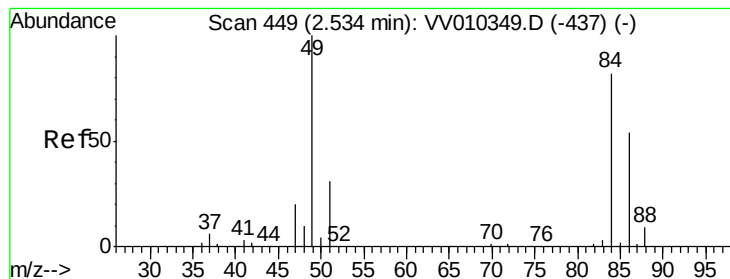
Tgt Ion: 43 Resp: 73323

Ion Ratio Lower Upper

43 100

74 24.2 22.1 33.1





#16

Methylene chloride

Concen: 10.219 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampled :

A5105

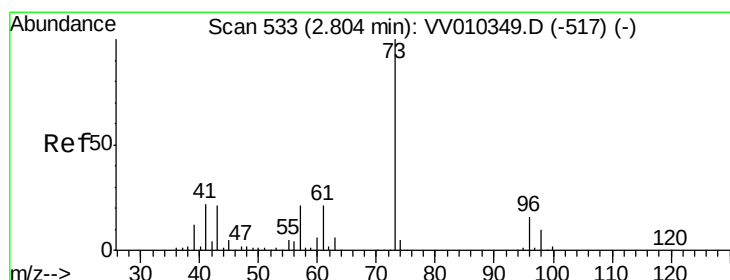
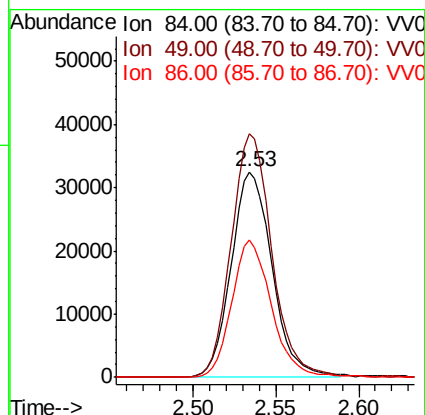
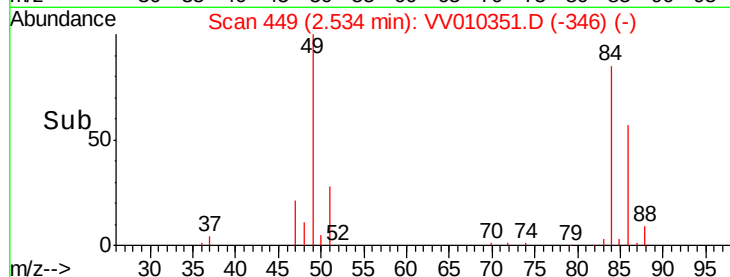
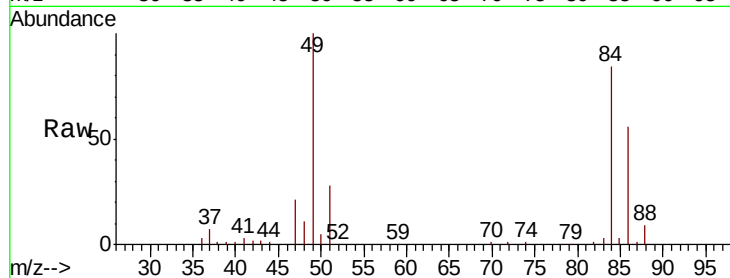
Tgt Ion: 84 Resp: 55901

Ion Ratio Lower Upper

84 100

49 118.4 83.8 155.6

86 66.8 46.1 85.5



#17

Methyl tert-butyl Ether

Concen: 31.001 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

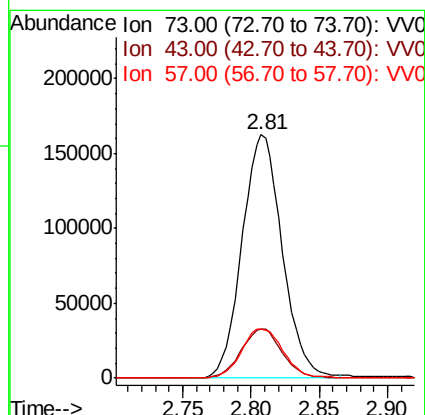
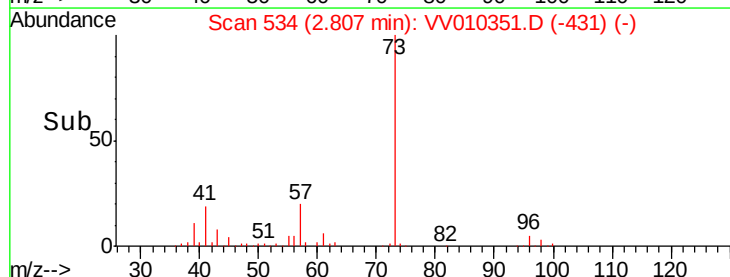
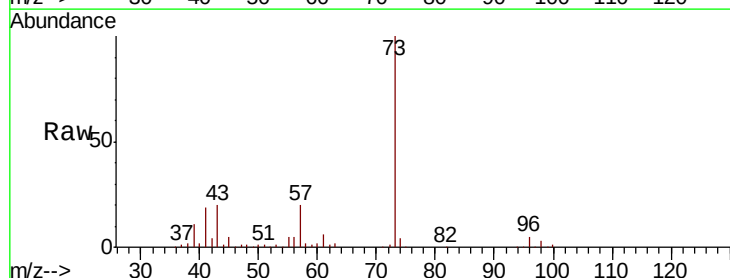
Tgt Ion: 73 Resp: 332161

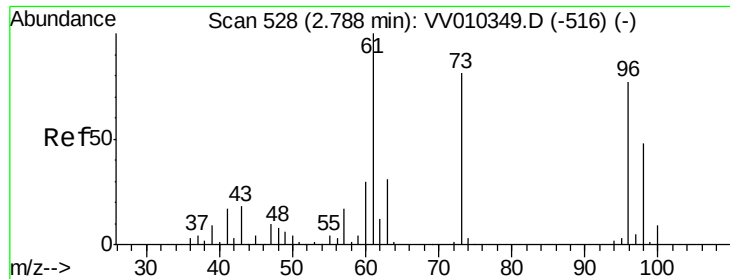
Ion Ratio Lower Upper

73 100

43 20.6 16.6 24.8

57 21.3 17.0 25.6

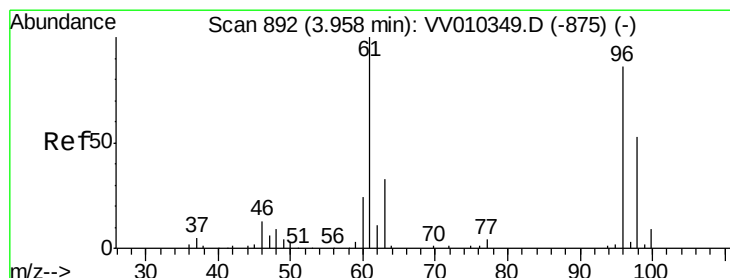
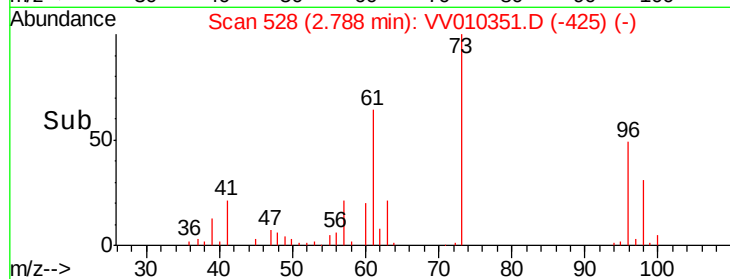
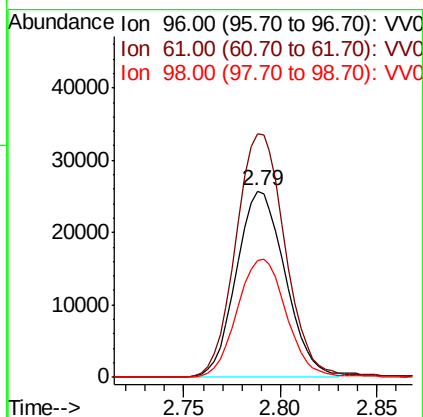
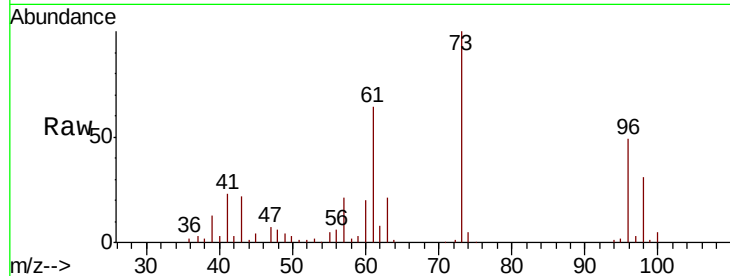




#18
 trans-1,2-Dichloroethene
 Concen: 10.729 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VV010351.D
 Acq: 18 Apr 2019 16:04

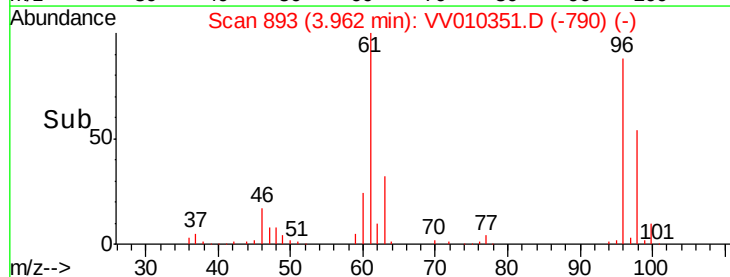
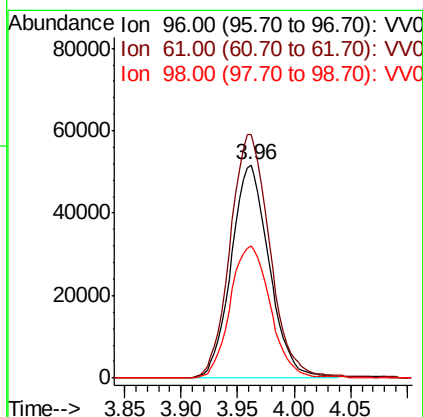
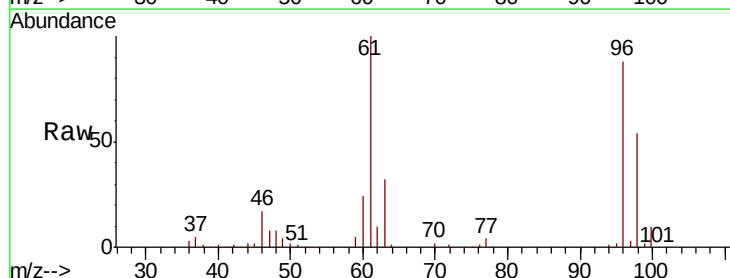
Instrument :
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 ClientSampled :
 A5105

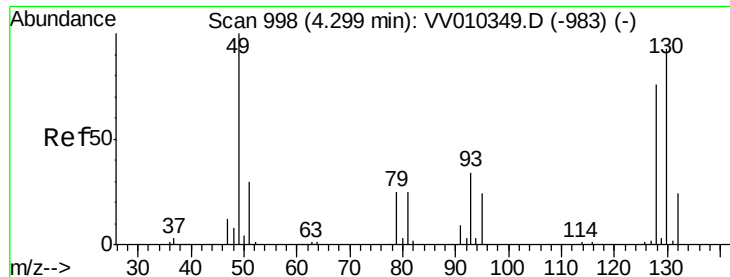
Tgt Ion: 96 Resp: 45282
 Ion Ratio Lower Upper
 96 100
 61 130.9 96.3 178.9
 98 62.6 44.9 83.5



#22
 cis-1,2-Dichloroethene
 Concen: 25.238 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV010351.D
 Acq: 18 Apr 2019 16:04

Tgt Ion: 96 Resp: 121342
 Ion Ratio Lower Upper
 96 100
 61 114.2 83.7 155.4
 98 61.9 43.7 81.1





#23

Bromochloromethane

Concen: 14.874 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

A5105

Tgt Ion:128 Resp: 35793

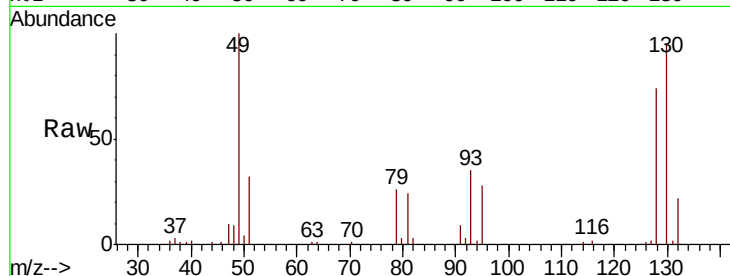
Ion Ratio Lower Upper

128 100

49 134.4 94.6 175.8

130 127.5 85.7 159.1

51 43.0 33.3 49.9

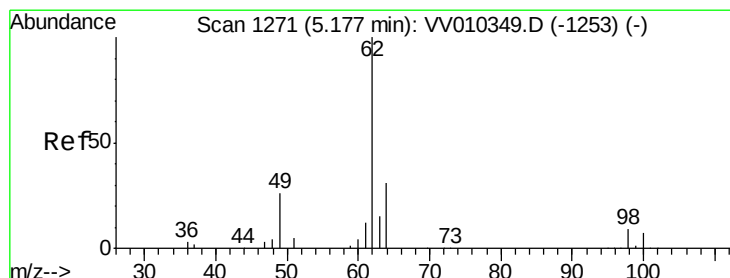
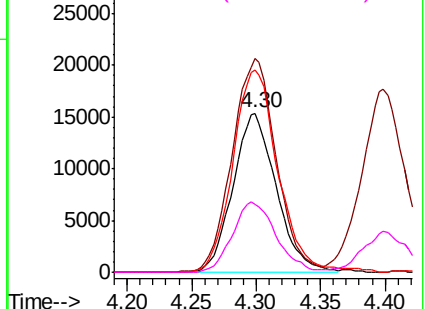
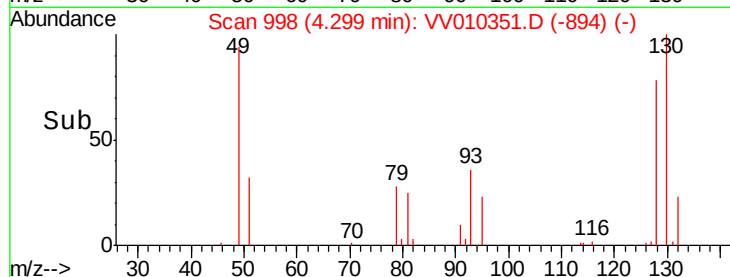


Abundance Ion 128.00 (127.70 to 128.70): V

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



#27

1,2-Dichloroethane

Concen: 9.471 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV010351.D

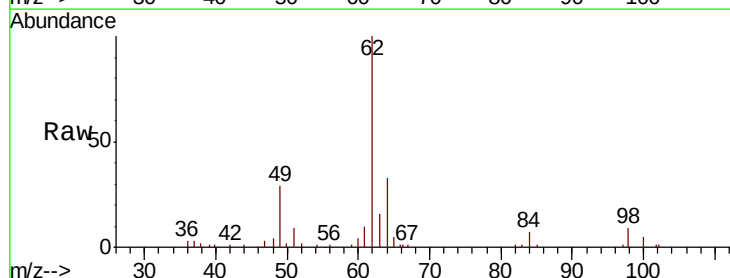
Acq: 18 Apr 2019 16:04

Tgt Ion: 62 Resp: 56855

Ion Ratio Lower Upper

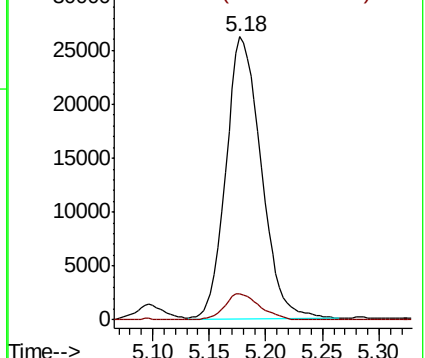
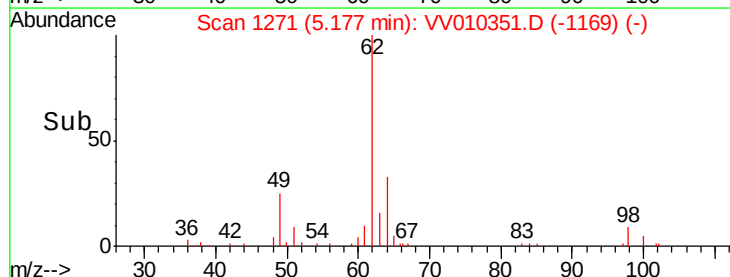
62 100

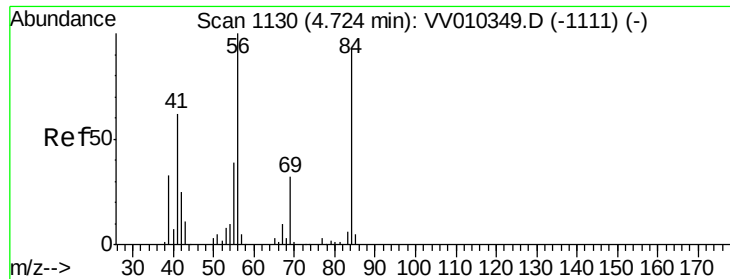
98 9.2 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

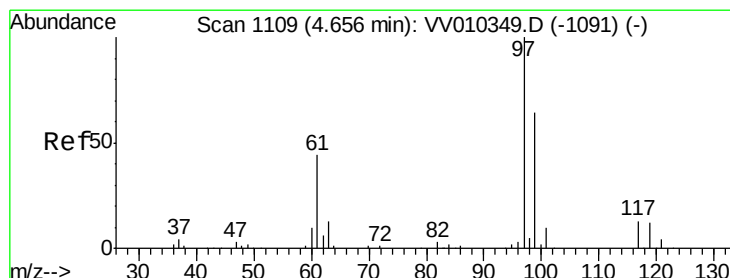
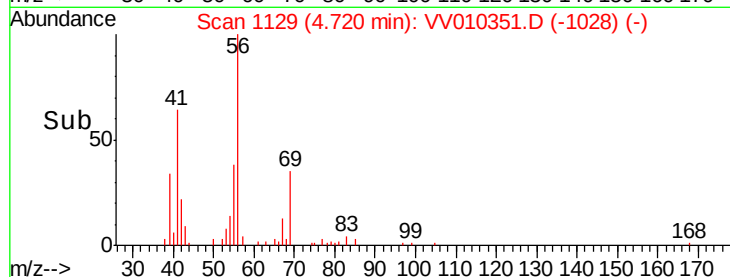
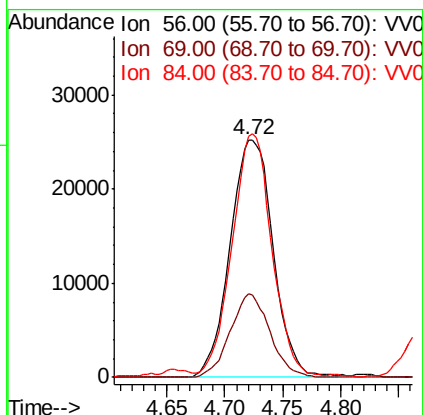
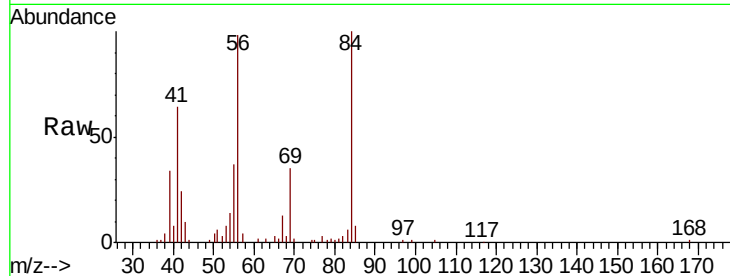




#30
Cyclohexane
Concen: 10.659 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: VV010351.D
Acq: 18 Apr 2019 16:04

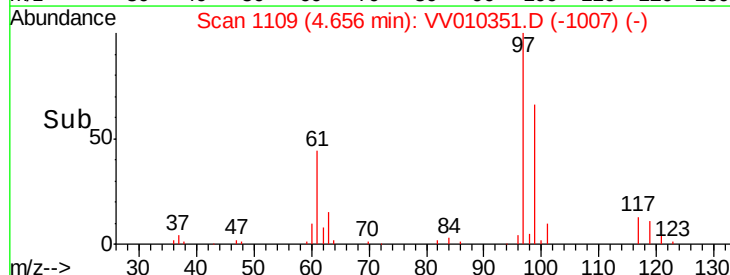
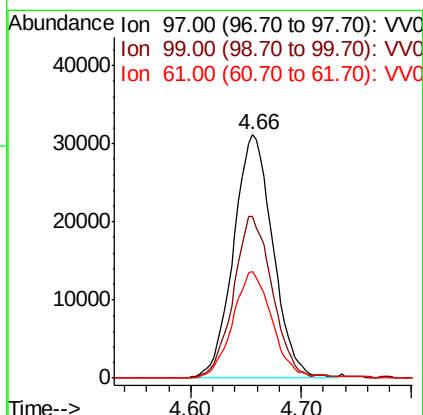
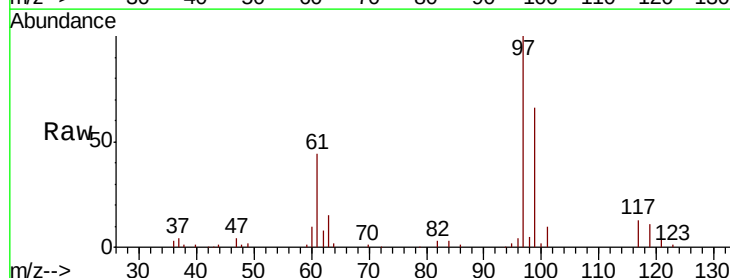
Instrument :
MSVOA_V
ClientSampleId :
A5105

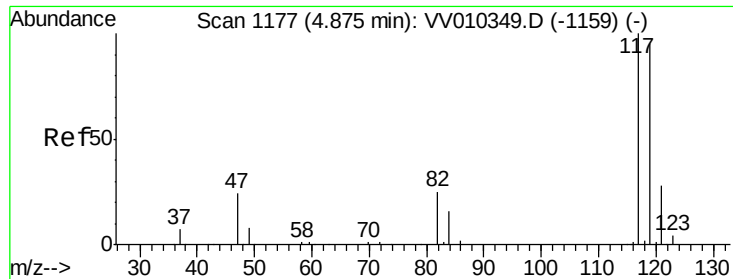
Tgt Ion: 56 Resp: 64976
Ion Ratio Lower Upper
56 100
69 32.2 25.3 37.9
84 95.4 73.0 109.4



#31
1,1,1-Trichloroethane
Concen: 10.512 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV010351.D
Acq: 18 Apr 2019 16:04

Tgt Ion: 97 Resp: 77084
Ion Ratio Lower Upper
97 100
99 65.8 53.0 79.4
61 43.3 34.5 51.7





#32

Carbon tetrachloride

Concen: 13.033 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

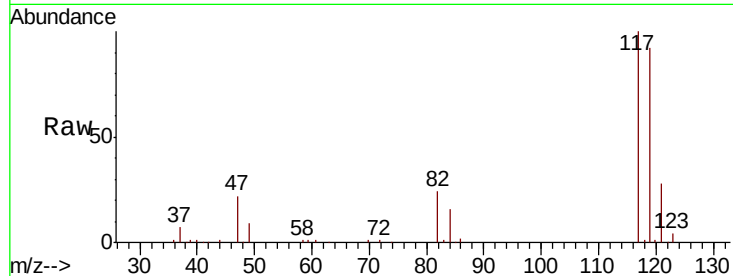
A5105

Tgt Ion:117 Resp: 90175

Ion Ratio Lower Upper

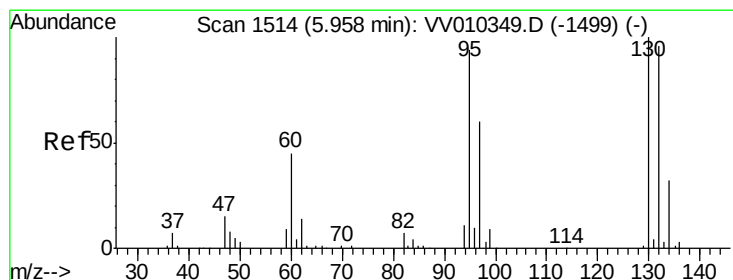
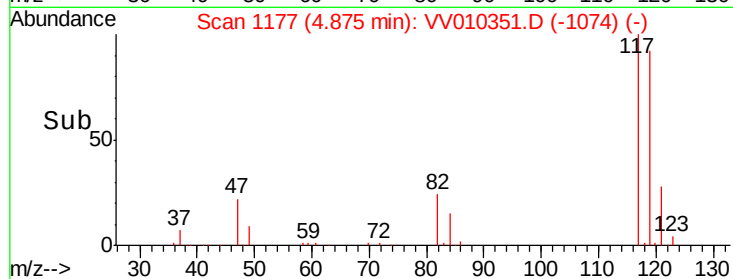
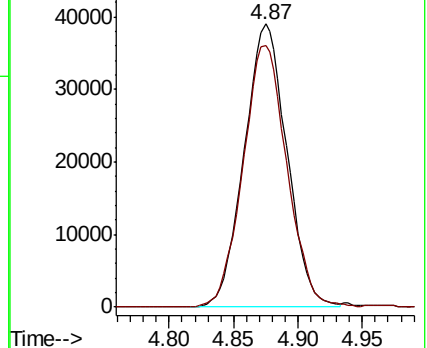
117 100

119 95.0 76.1 114.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 40.791 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Tgt Ion: 95 Resp: 195888

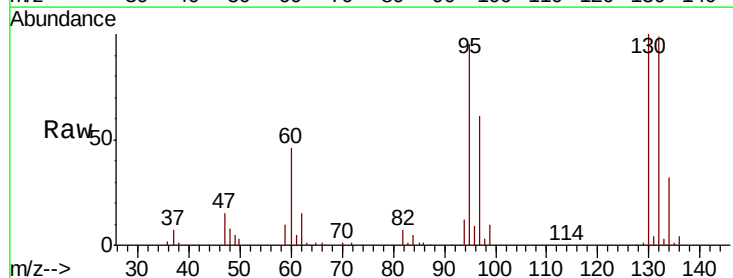
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.8

132 104.7 71.5 132.7

130 108.9 74.0 137.4

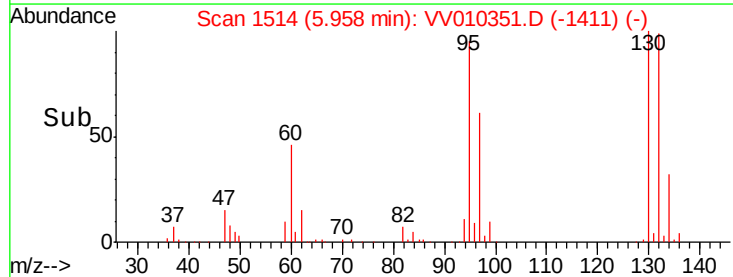
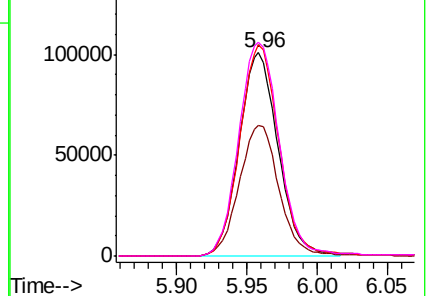


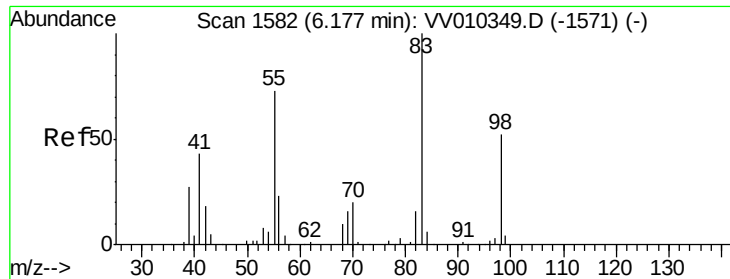
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

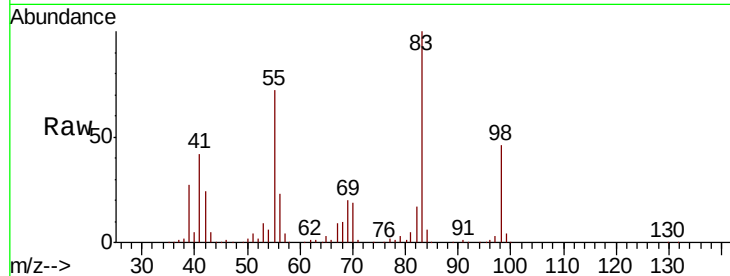




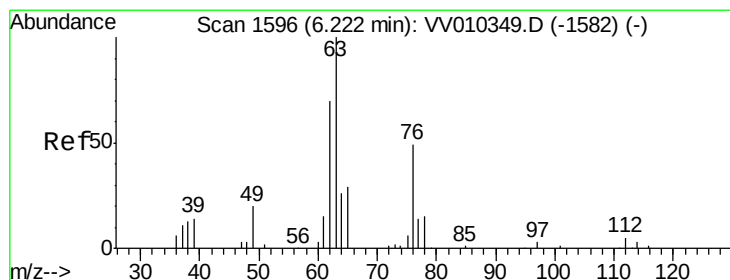
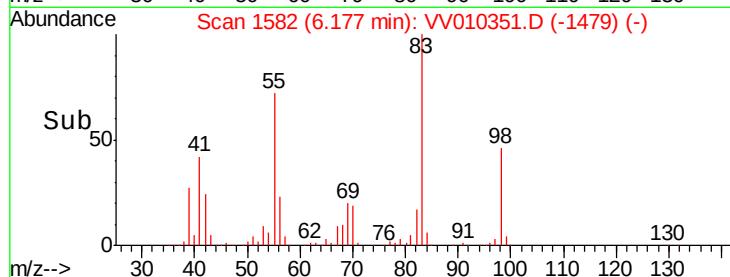
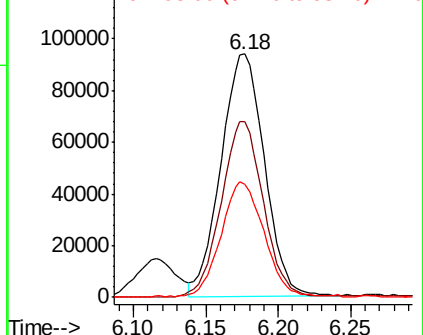
#36
Methylcyclohexane
Concen: 27.867 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV010351.D
Acq: 18 Apr 2019 16:04

Instrument :
MSVOA_V
ClientSampleId :
A5105

Tgt Ion: 83 Resp: 194867
Ion Ratio Lower Upper
83 100
55 70.3 55.9 83.9
98 47.2 37.3 55.9

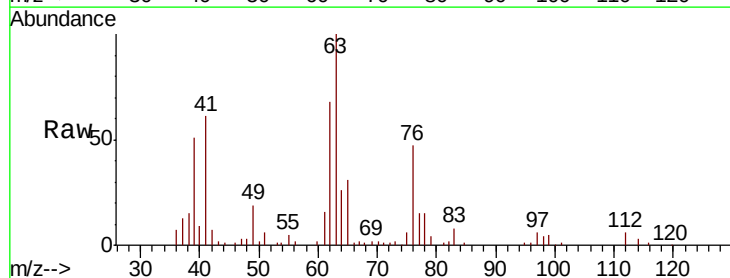


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

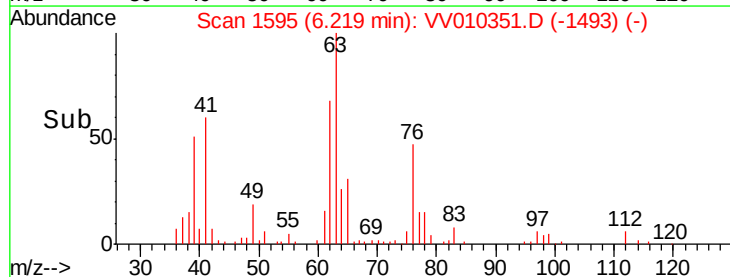
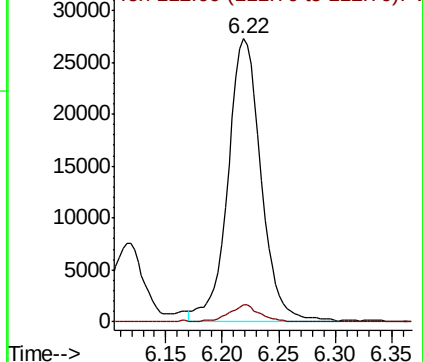


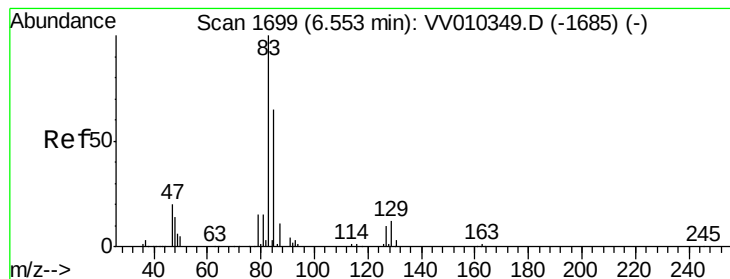
#40
1,2-Dichloropropane
Concen: 13.450 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV010351.D
Acq: 18 Apr 2019 16:04

Tgt Ion: 63 Resp: 55994
Ion Ratio Lower Upper
63 100
112 5.4 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 20.314 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

A5105

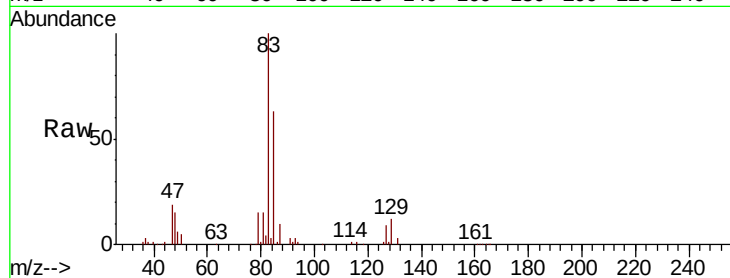
Tgt Ion: 83 Resp: 118674

Ion Ratio Lower Upper

83 100

85 62.7 45.0 83.6

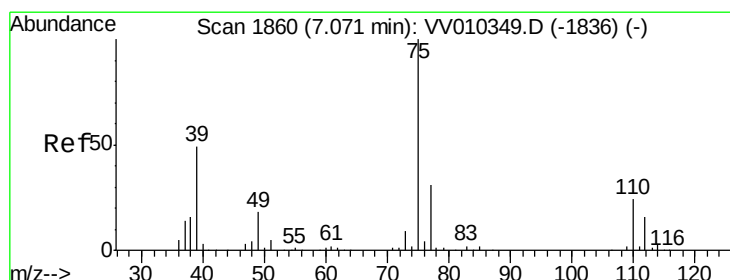
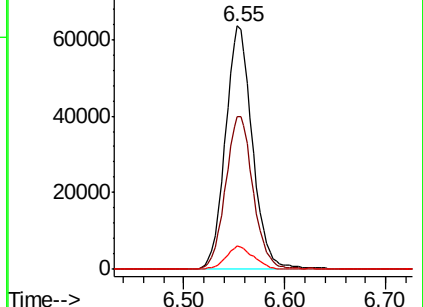
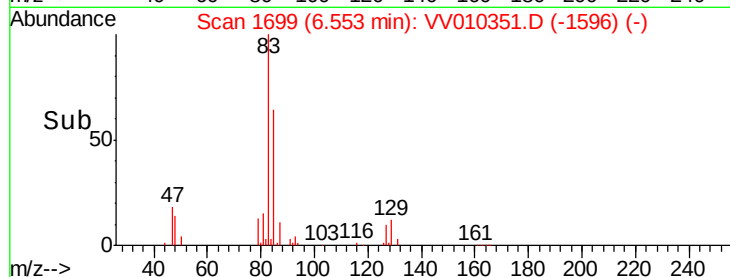
127 9.4 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VV010351.D (-1596) (-)

Ion 85.00 (84.70 to 85.70): VV010351.D (-1596) (-)

Ion 127.00 (126.70 to 127.70): VV010351.D (-1596) (-)



#42

cis-1,3-Dichloropropene

Concen: 17.845 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV010351.D

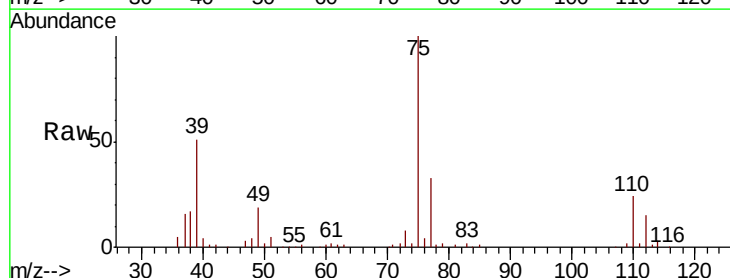
Acq: 18 Apr 2019 16:04

Tgt Ion: 75 Resp: 112044

Ion Ratio Lower Upper

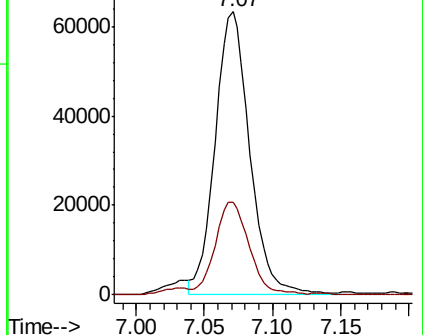
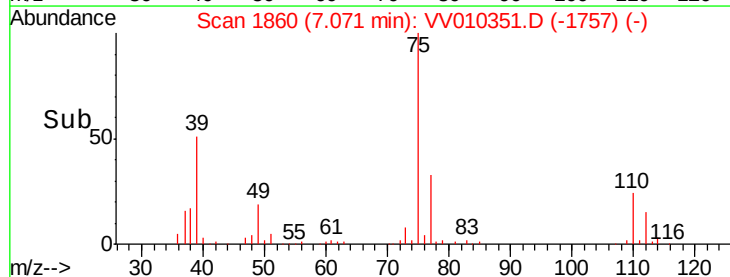
75 100

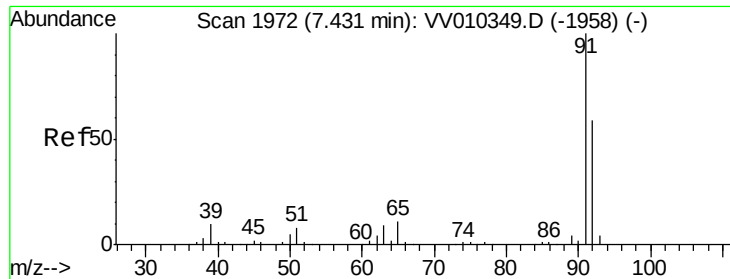
77 32.7 21.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV010351.D (-1757) (-)

Ion 77.00 (76.70 to 77.70): VV010351.D (-1757) (-)





#44

Toluene

Concen: 21.320 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

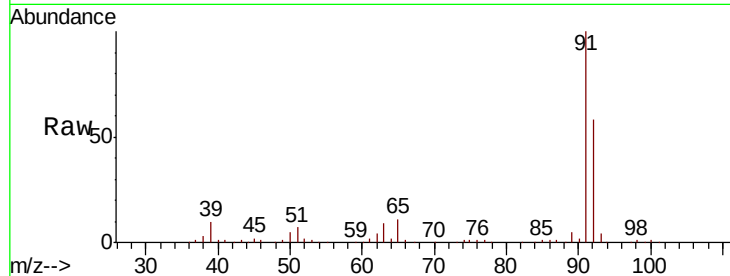
A5105

Tgt Ion: 91 Resp: 390125

Ion Ratio Lower Upper

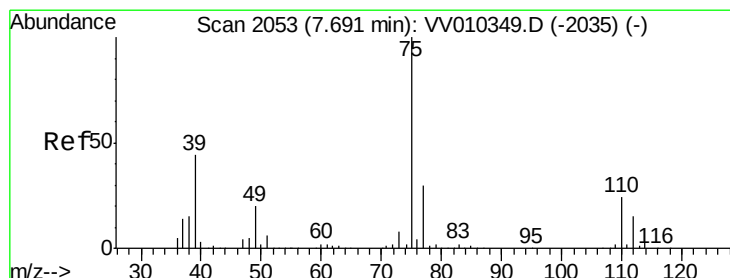
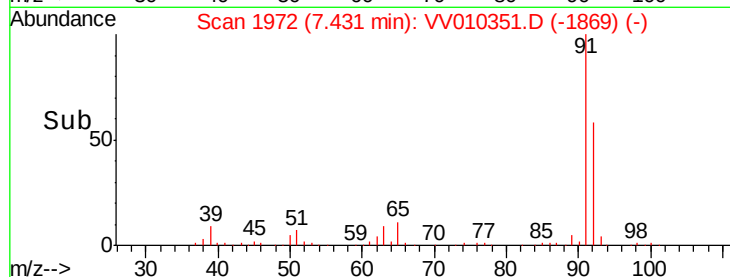
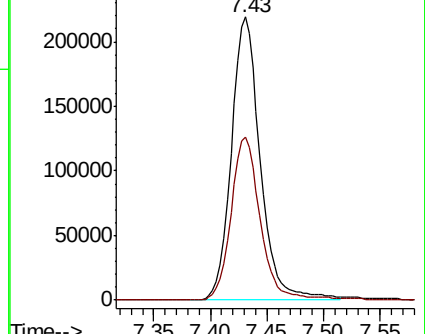
91 100

92 57.7 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#45

trans-1,3-Dichloropropene

Concen: 8.131 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV010351.D

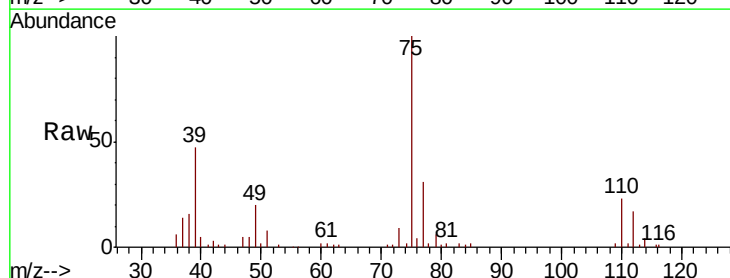
Acq: 18 Apr 2019 16:04

Tgt Ion: 75 Resp: 47600

Ion Ratio Lower Upper

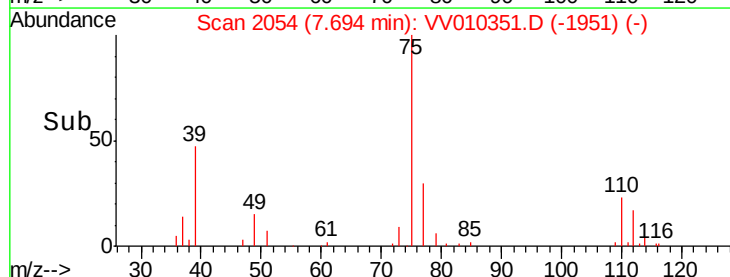
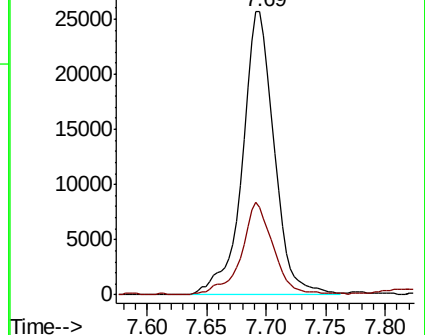
75 100

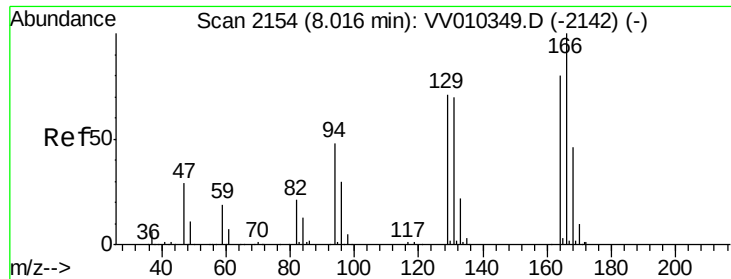
77 30.9 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#47

Tetrachloroethene

Concen: 41.848 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

A5105

Tgt Ion:164 Resp: 179316

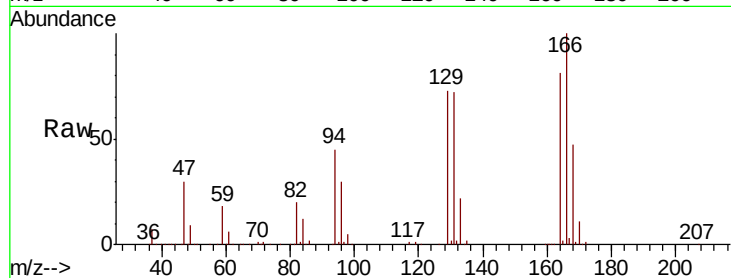
Ion Ratio Lower Upper

164 100

129 89.8 64.7 120.1

131 89.0 64.5 119.7

166 123.1 90.5 168.1

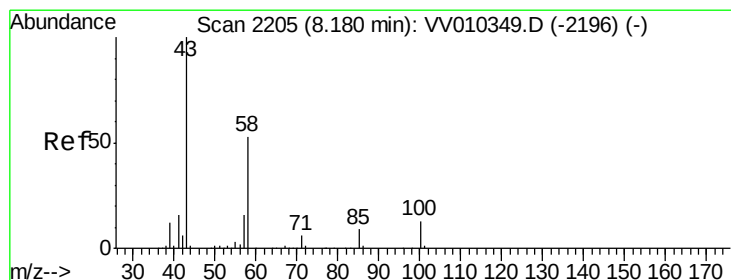
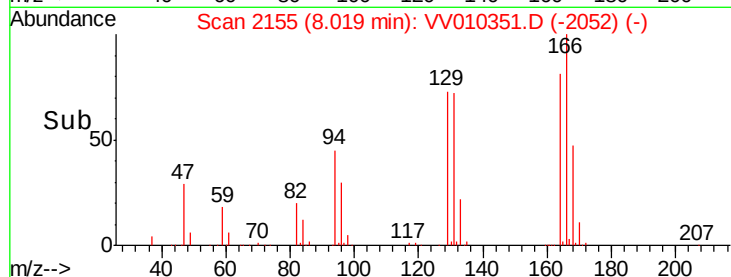
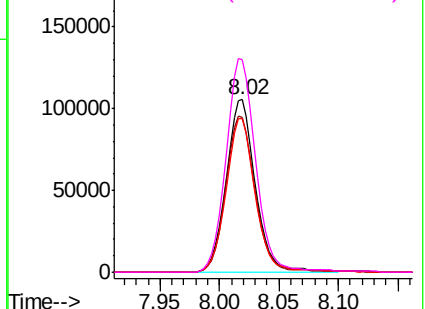


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 41.749 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Tgt Ion: 43 Resp: 95047

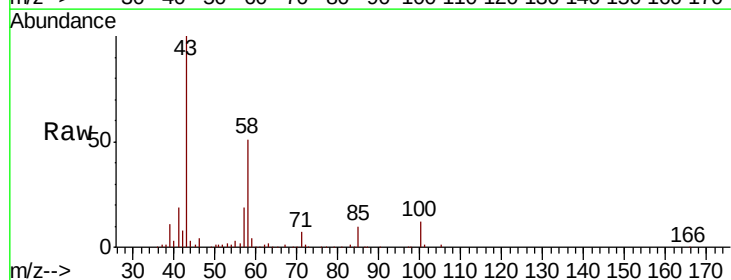
Ion Ratio Lower Upper

43 100

58 49.3 44.9 67.3

57 18.9 15.8 23.6

100 13.0 10.1 15.1

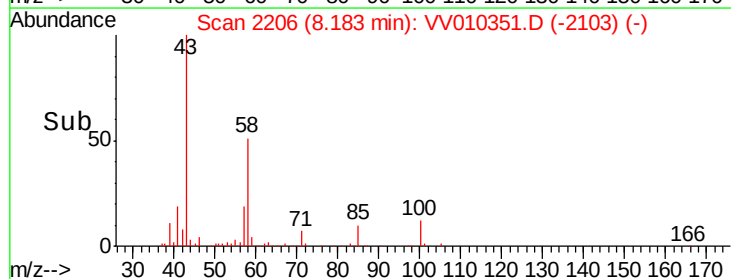
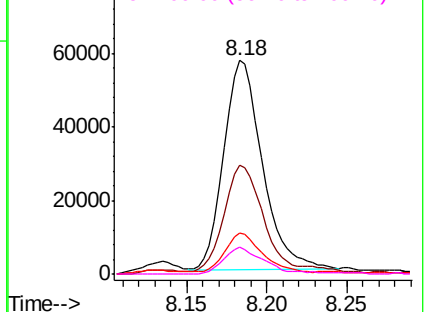


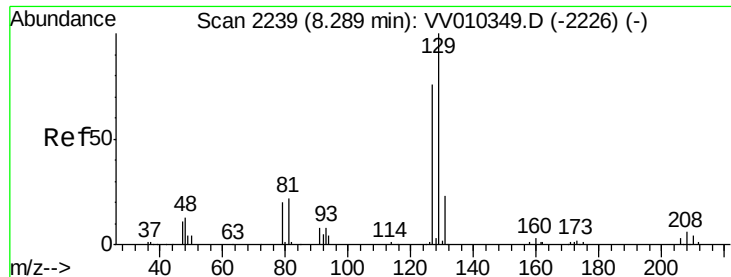
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

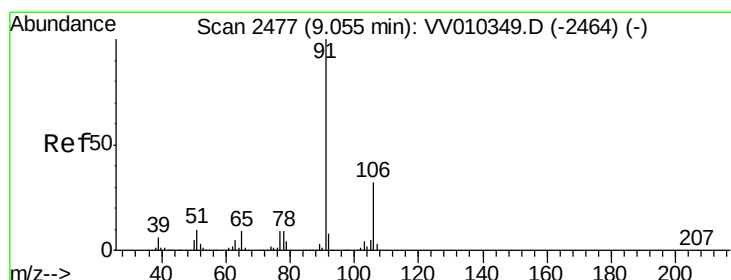
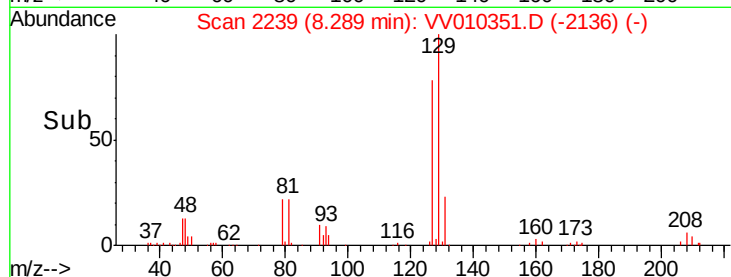
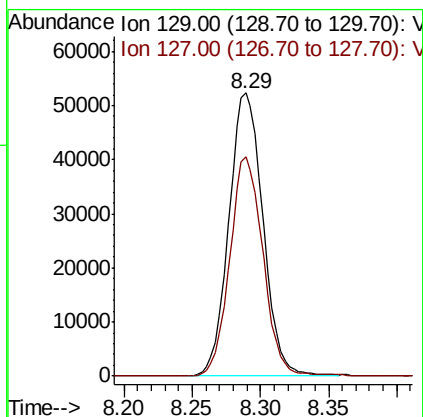
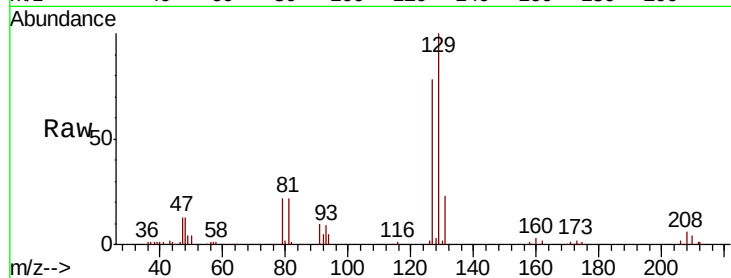




#50
Dibromochloromethane
Concen: 19.756 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010351.D
Acq: 18 Apr 2019 16:04

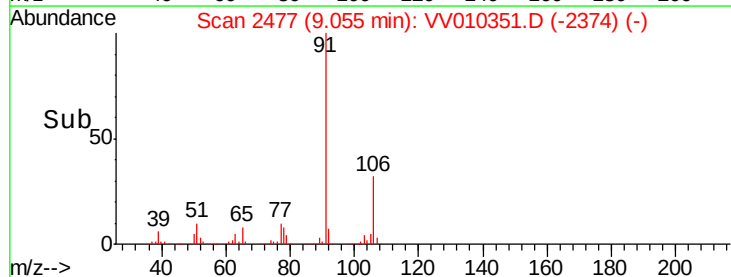
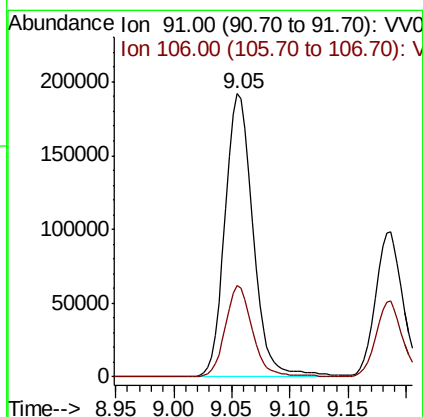
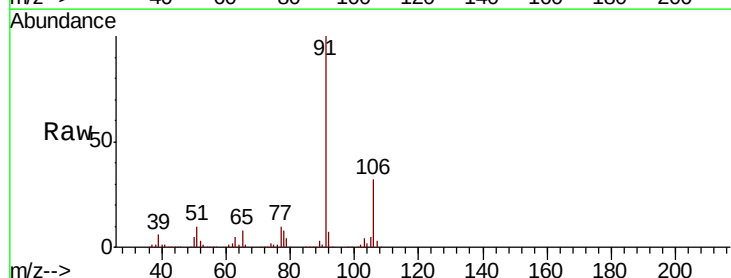
Instrument :
MSVOA_V
ClientSampleId :
A5105

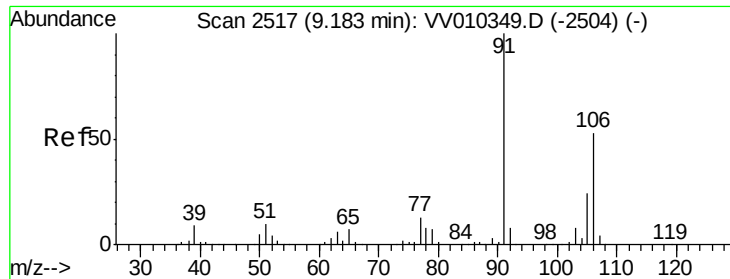
Tgt Ion: 129 Resp: 90976
Ion Ratio Lower Upper
129 100
127 77.5 53.0 98.4



#53
Ethylbenzene
Concen: 15.486 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV010351.D
Acq: 18 Apr 2019 16:04

Tgt Ion: 91 Resp: 321936
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.9





#54

m,p-Xylene

Concen: 10.260 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

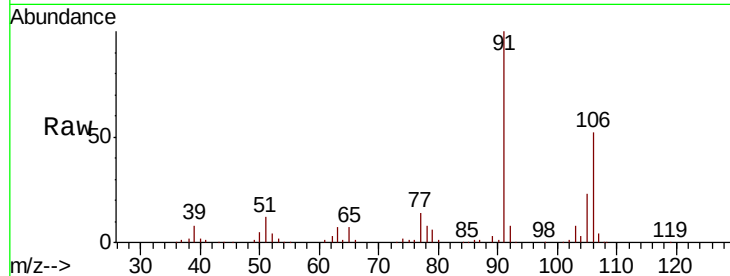
A5105

Tgt Ion:106 Resp: 82563

Ion Ratio Lower Upper

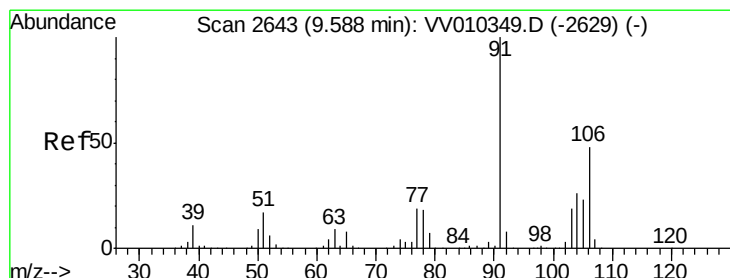
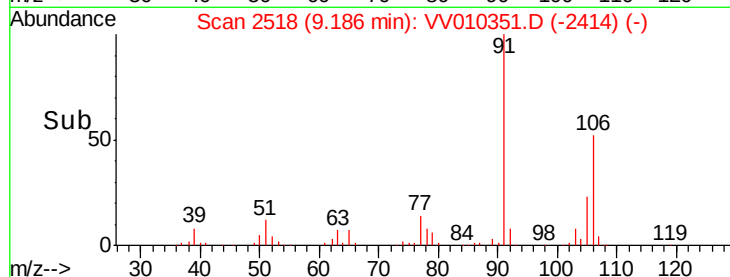
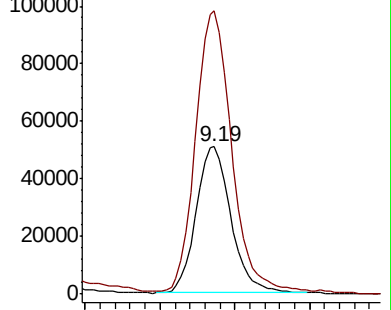
106 100

91 192.0 141.6 263.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 12.753 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV010351.D

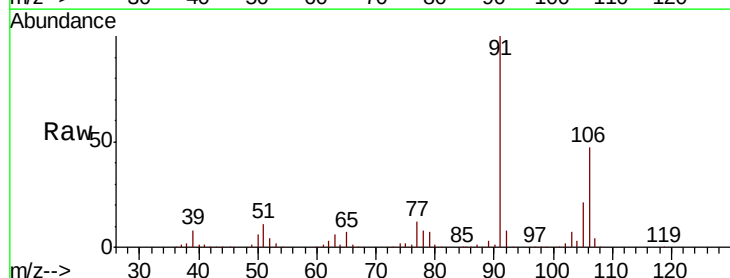
Acq: 18 Apr 2019 16:04

Tgt Ion:106 Resp: 98981

Ion Ratio Lower Upper

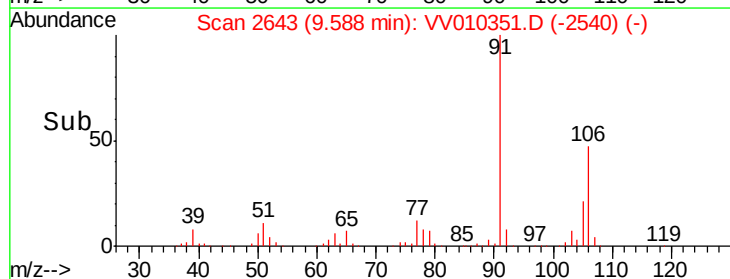
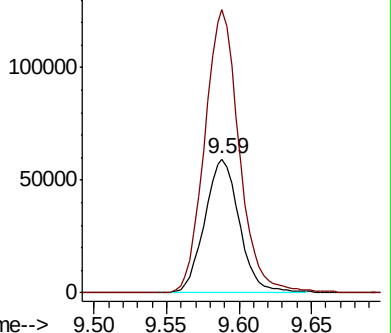
106 100

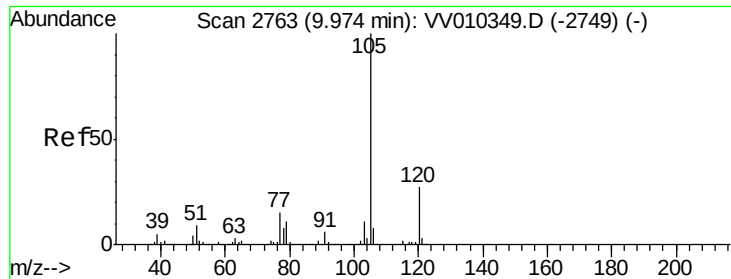
91 211.6 150.1 278.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#57

Isopropylbenzene

Concen: 12.831 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampled :

A5105

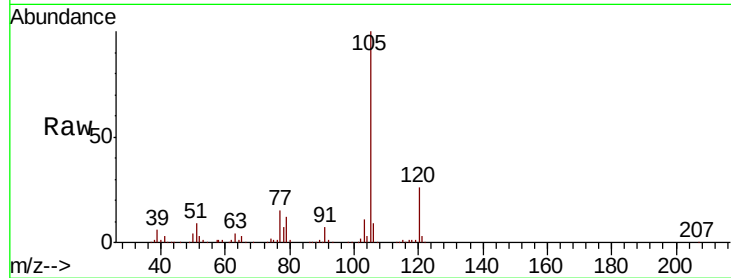
Tgt Ion:105 Resp: 265365

Ion Ratio Lower Upper

105 100

120 27.3 21.9 32.9

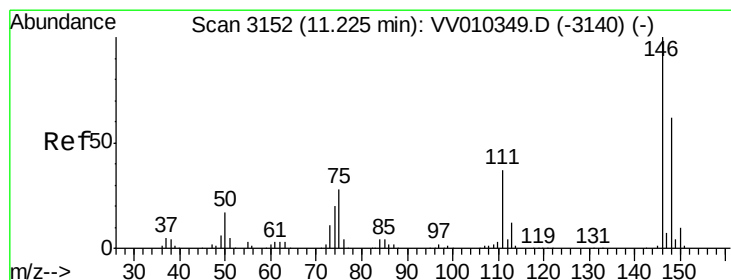
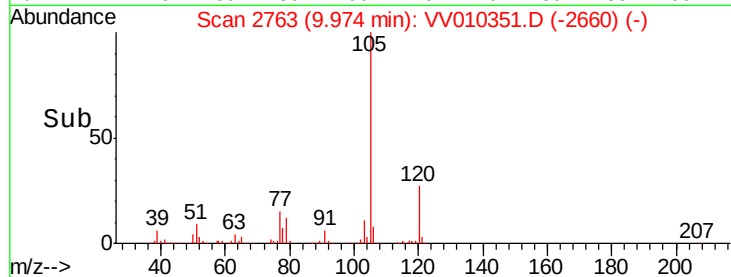
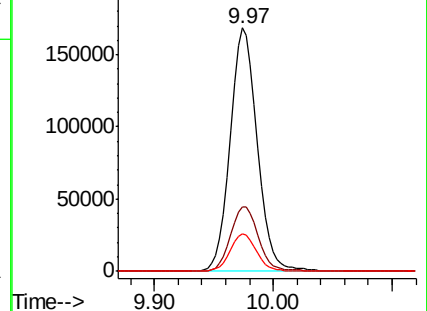
77 15.0 13.0 19.6



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): V



#63

1,3-Dichlorobenzene

Concen: 20.282 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

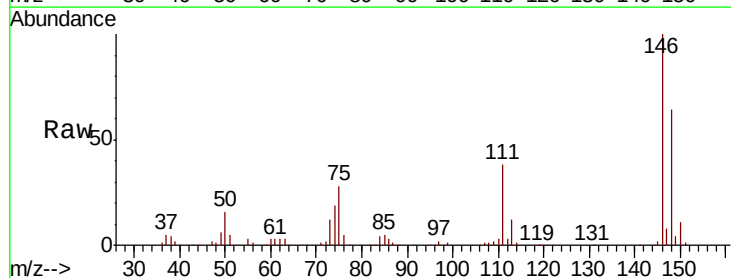
Tgt Ion:146 Resp: 218827

Ion Ratio Lower Upper

146 100

111 37.8 27.6 51.4

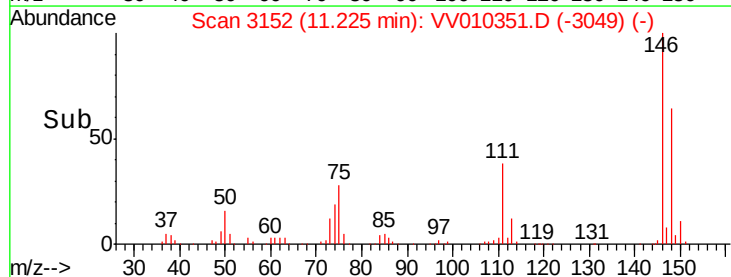
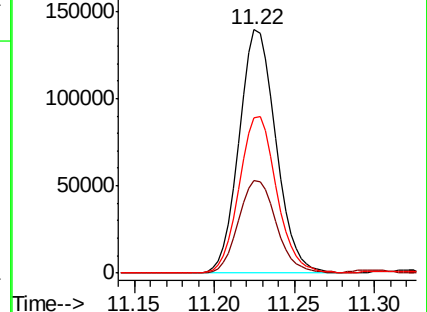
148 63.8 45.3 84.1

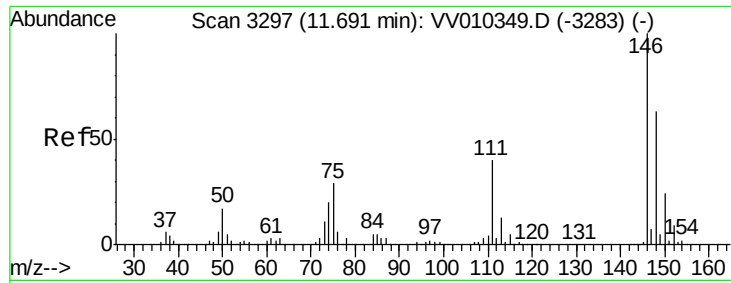


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.307 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

Instrument :

MSVOA_V

ClientSampleId :

A5105

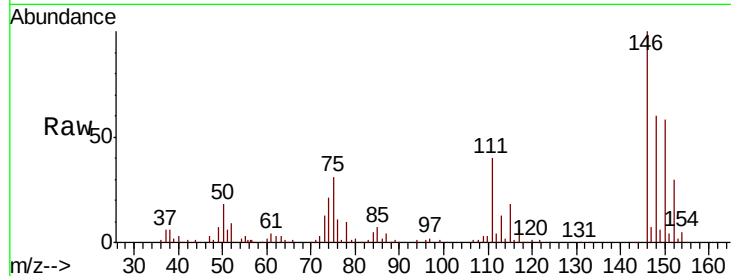
Tgt Ion: 146 Resp: 107365

Ion Ratio Lower Upper

146 100

111 39.7 31.1 46.7

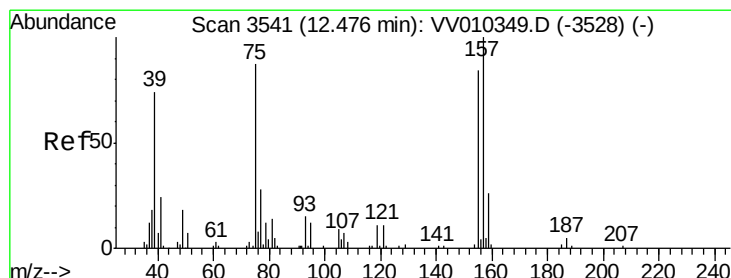
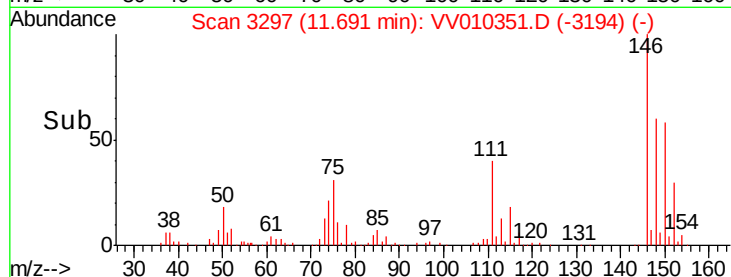
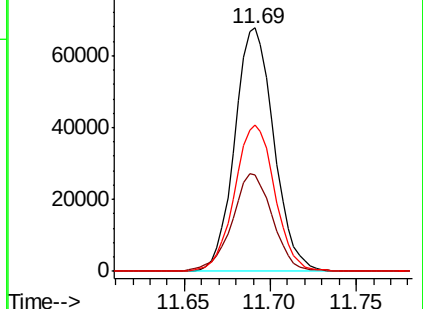
148 60.1 50.3 75.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 16.166 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. 0.00 min

Lab File: VV010351.D

Acq: 18 Apr 2019 16:04

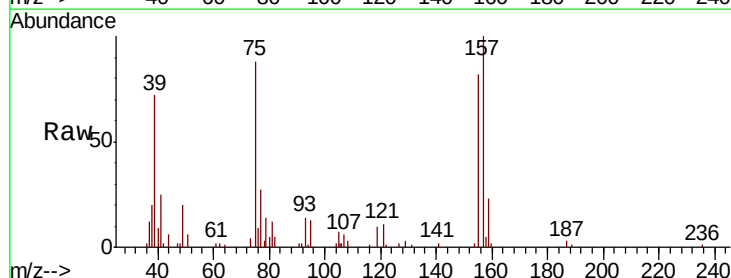
Tgt Ion: 75 Resp: 13458

Ion Ratio Lower Upper

75 100

157 114.1 100.6 151.0

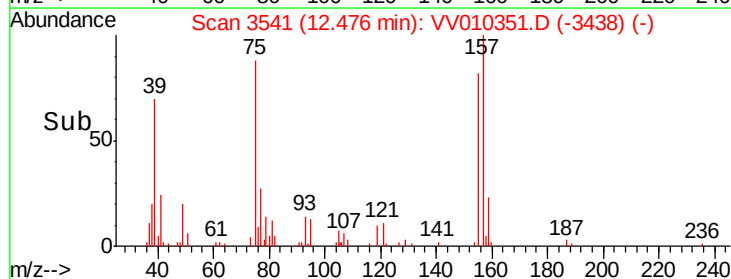
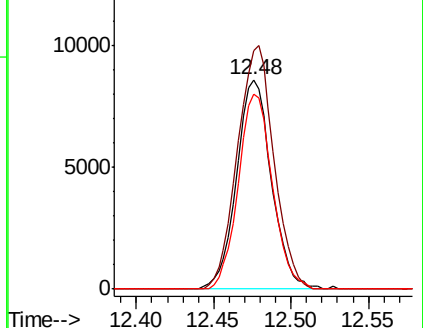
155 93.4 75.1 112.7

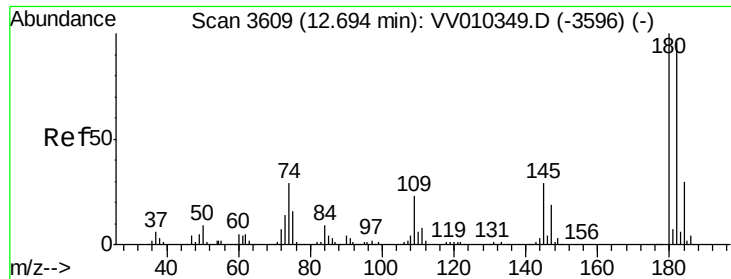


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 24.588 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV010351.D
 Acq: 18 Apr 2019 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 A5105

Tgt Ion:	180	Resp:	220636
Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.5	113.3
184	31.4	23.6	35.4
145	29.9	22.6	33.8

