

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009261.D
 Acq On : 24 Jan 2019 16:07
 Operator : SY/MD
 Sample : VV0124SBL01
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBL01

Quant Time: Jan 24 23:44:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 23:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	86761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	147602	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.90	117	135771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	65791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	53188	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	4.64	113	48418	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	7.36	98	182392	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	10.12	95	67407	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	89	0.123	ug/l #	43
3) Chloromethane	1.25	50	334	0.339	ug/l #	41
5) Bromomethane	1.52	94	235	0.416	ug/l	81
14) Allyl chloride	2.30	41	132	0.101	ug/l #	32
18) Methyl Acetate	2.45	43	468	0.646	ug/l #	51
22) Diisopropyl ether	3.14	45	40	0.013	ug/l #	18
23) Vinyl Acetate	3.29	43	320	0.167	ug/l #	72
25) 2-Butanone	4.01	43	85	0.224	ug/l #	50
26) 2,2-Dichloropropane	4.00	77	280	0.287	ug/l #	52
36) 1,1-Dichloropropene	4.88	75	228	0.154	ug/l #	41
39) Methylcyclohexane	6.16	83	43	0.023	ug/l #	18
40) Benzene	5.14	78	21	0.005	ug/l #	52
48) Methyl methacrylate	6.68	41	63	0.089	ug/l #	13
52) Toluene	7.43	92	158	0.057	ug/l #	23
53) t-1,3-Dichloropropene	7.70	75	20	0.014	ug/l #	42
65) Chlorobenzene	8.93	112	428	0.140	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	8.91	131	132	0.129	ug/l #	1
67) Ethyl Benzene	9.06	91	517	0.100	ug/l	96
68) m/p-Xylenes	9.19	106	278	0.140	ug/l #	1
69) o-Xylene	9.59	106	138	0.074	ug/l	60
70) Styrene	9.61	104	250	0.082	ug/l #	64
73) Isopropylbenzene	9.98	105	718	0.147	ug/l #	49
74) N-amyl acetate	9.85	43	171	0.150	ug/l #	42
77) Bromobenzene	10.26	156	136	0.119	ug/l #	31
78) n-propylbenzene	10.40	91	1200	0.208	ug/l	89
79) 2-Chlorotoluene	10.47	91	746	0.214	ug/l	73
80) 1,3,5-Trimethylbenzene	10.59	105	714	0.174	ug/l	68
82) 4-Chlorotoluene	10.59	91	933	0.226	ug/l	96
83) tert-Butylbenzene	10.92	119	665	0.168	ug/l	93
84) 1,2,4-Trimethylbenzene	10.96	105	960	0.228	ug/l	89
85) sec-Butylbenzene	11.14	105	1003	0.194	ug/l	79
86) p-Isopropyltoluene	11.29	119	1105	0.242	ug/l #	87
87) 1,3-Dichlorobenzene	11.23	146	800	0.347	ug/l	90
88) 1,4-Dichlorobenzene	11.23	146	800	0.339	ug/l	90

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Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

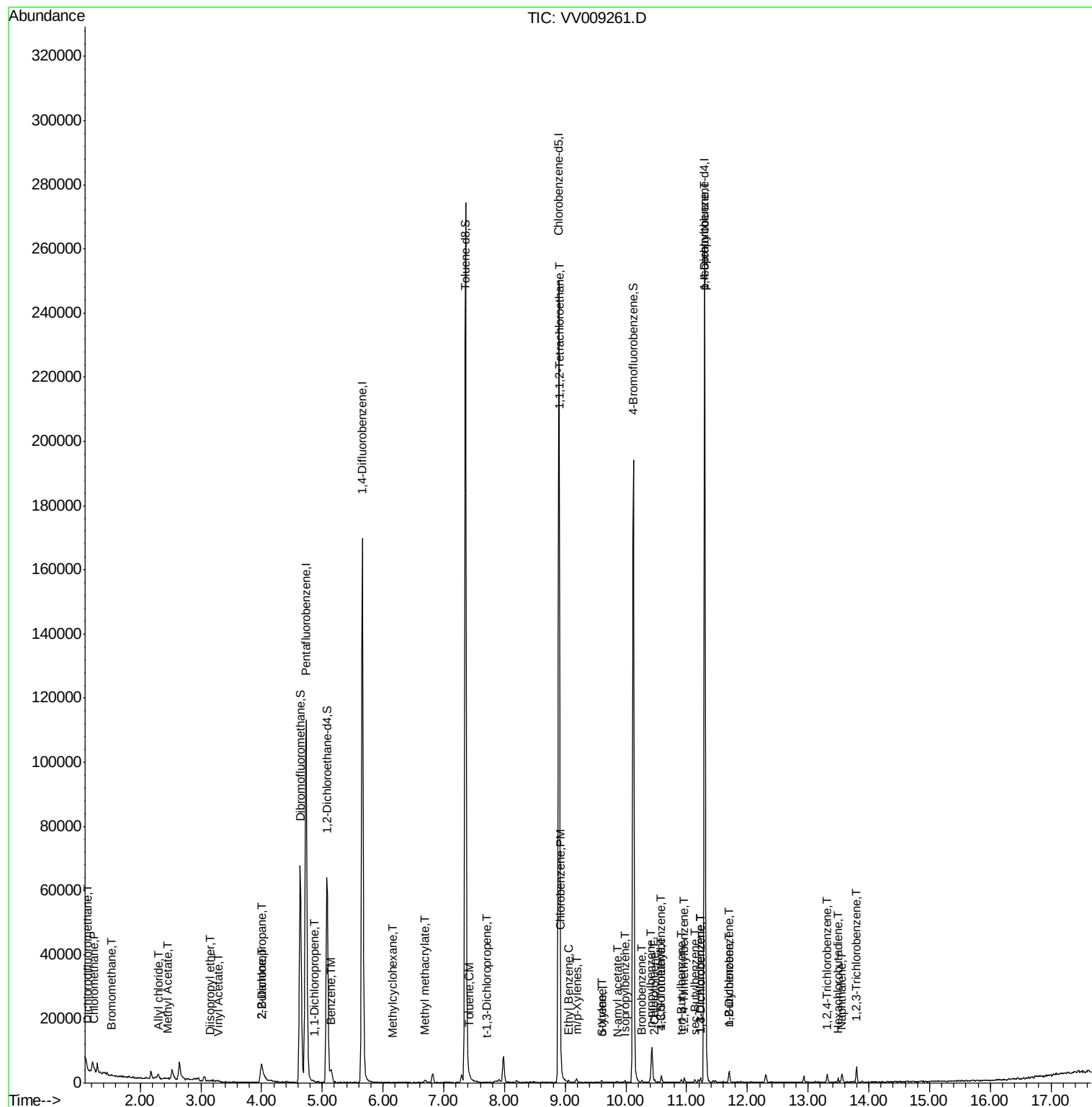
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.70	91	1676	0.379	ug/l	96
91) 1,2-Dichlorobenzene	11.69	146	758	0.366	ug/l	90
93) 1,2,4-Trichlorobenzene	13.31	180	1106	0.762	ug/l	93
94) Hexachlorobutadiene	13.49	225	359	0.433	ug/l	77
95) Naphthalene	13.56	128	2770	0.953	ug/l	98
96) 1,2,3-Trichlorobenzene	13.80	180	1088	0.850	ug/l	99

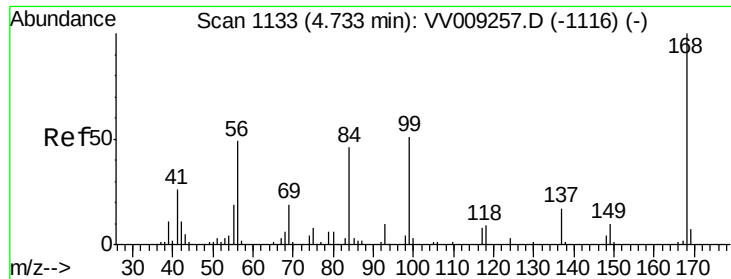
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

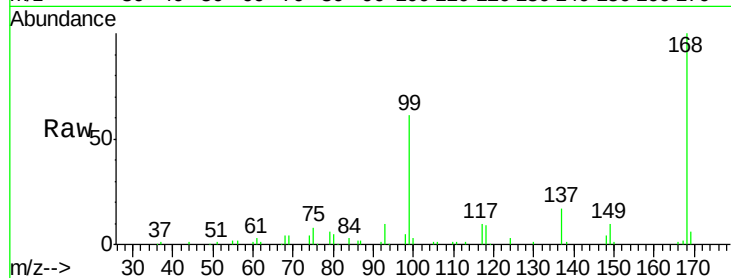
VV0124SBL01

Tot Ion:168 Resp: 86761

Ion Ratio Lower Upper

168 100

99 61.0 50.0 75.0



Abundance Ion 167.90 (167.60 to 168.60): VV009257.D (-1116) (-)

Ion 98.90 (98.60 to 99.60): VV009257.D (-1116) (-)

4.73

40000

30000

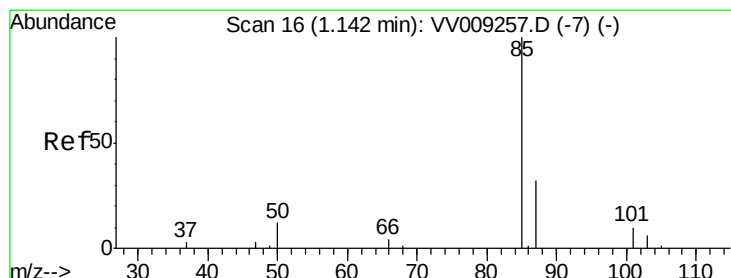
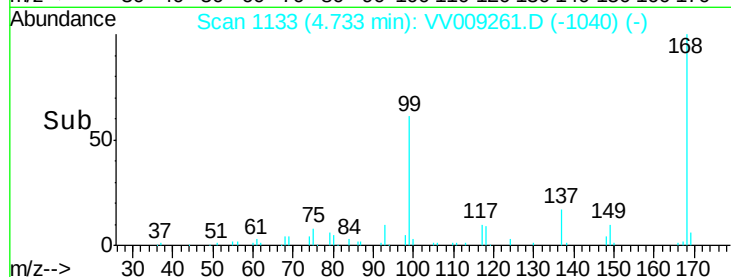
20000

10000

0

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.123 ug/l

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV009261.D

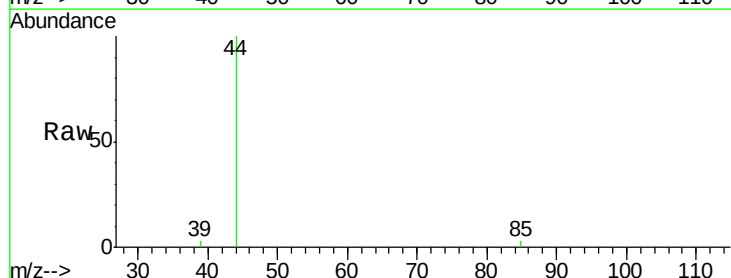
Acq: 24 Jan 2019 16:07

Tgt Ion: 85 Resp: 89

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VV009257.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VV009257.D (-7) (-)

1.14

150

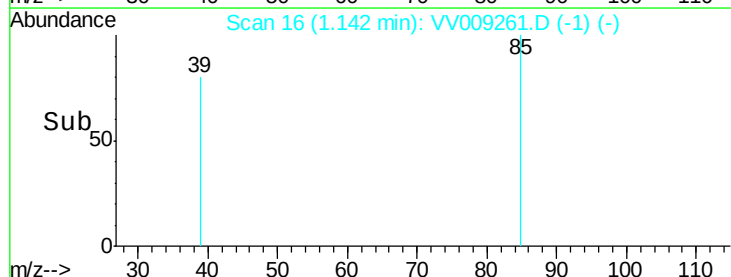
100

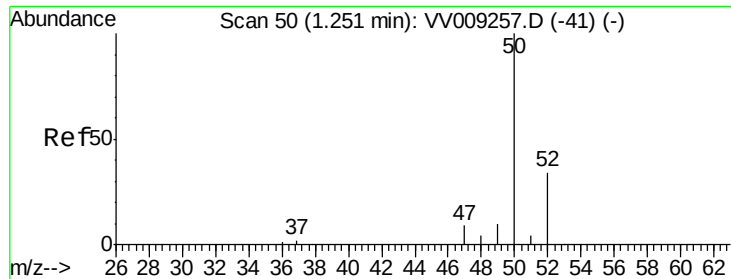
50

0

1.13 1.14 1.15 1.16

Time-->





#3

Chloromethane

Concen: 0.339 ug/l

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

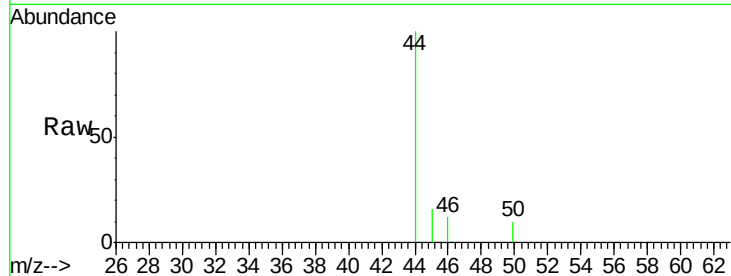
VV0124SBL01

Tot Ion: 50 Resp: 334

Ion Ratio Lower Upper

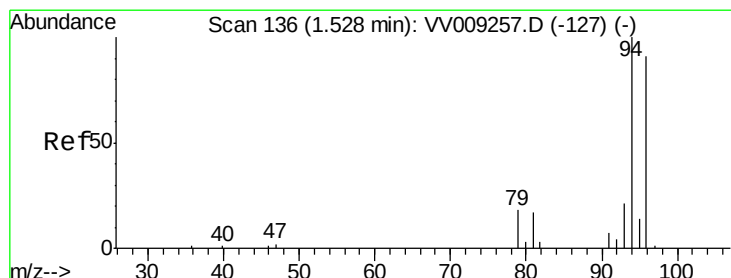
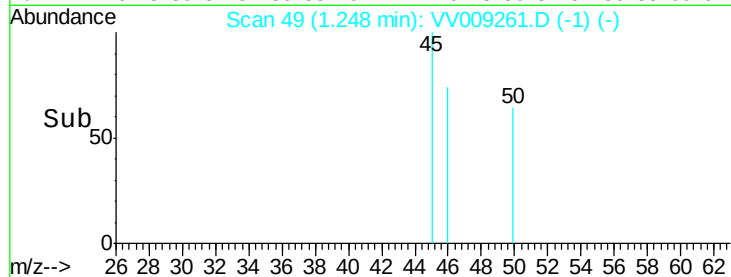
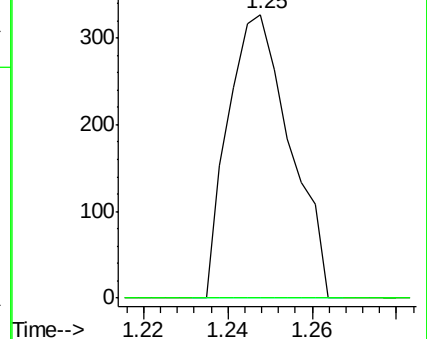
50 100

52 0.0 26.8 40.2#



Abundance Ion 49.90 (49.60 to 50.60): VV0

Ion 51.90 (51.60 to 52.60): VV0



#5

Bromomethane

Concen: 0.416 ug/l

RT: 1.52 min Scan# 134

Delta R.T. -0.01 min

Lab File: VV009261.D

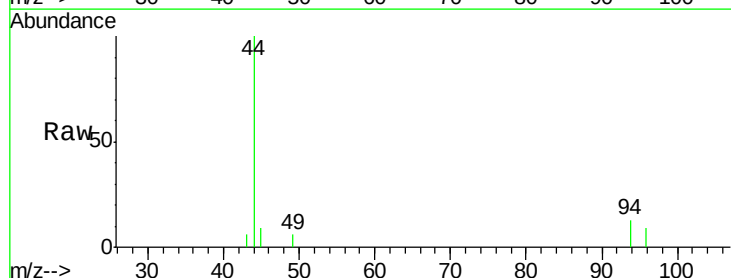
Acq: 24 Jan 2019 16:07

Tgt Ion: 94 Resp: 235

Ion Ratio Lower Upper

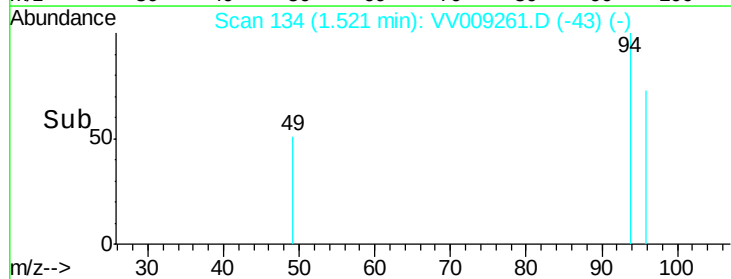
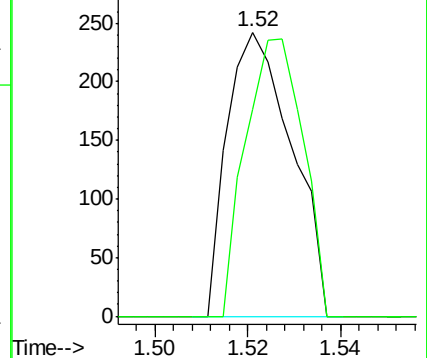
94 100

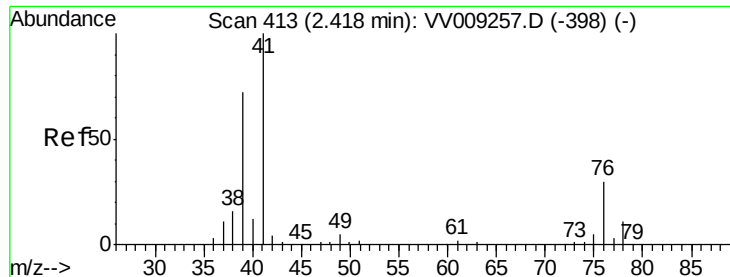
96 73.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VV0

Ion 95.90 (95.60 to 96.60): VV0

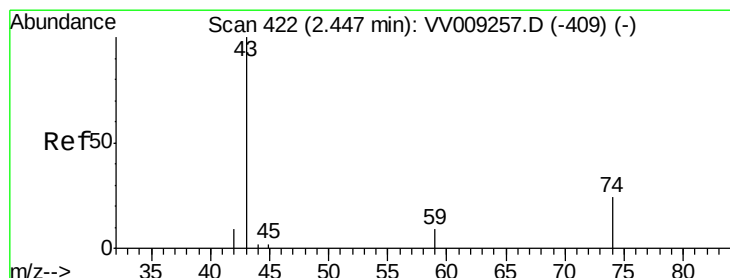
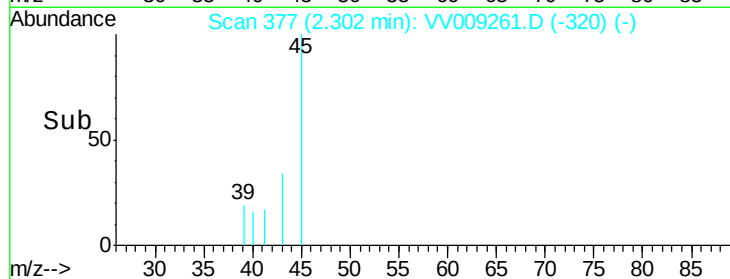
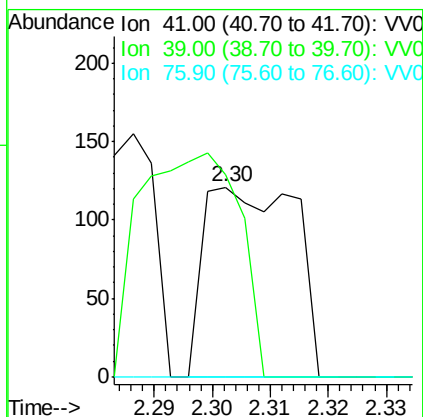
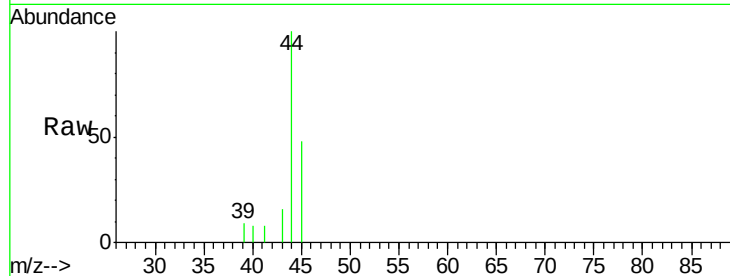




#14
Allvl chloride
Concen: 0.101 ug/l
RT: 2.30 min Scan# 377
Delta R.T. -0.12 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

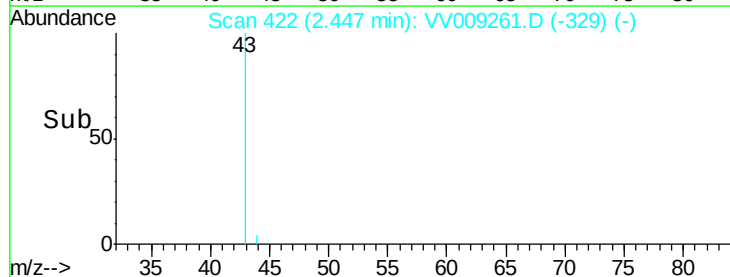
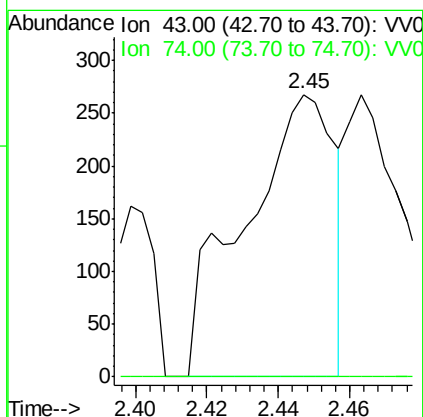
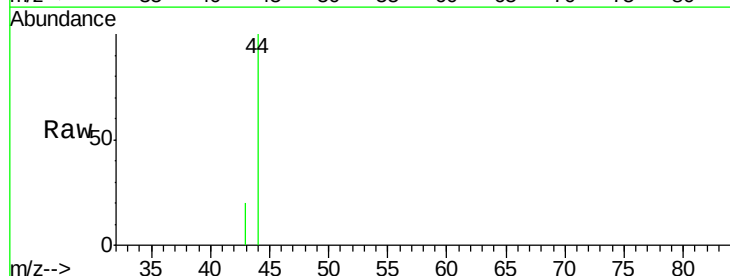
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBL01

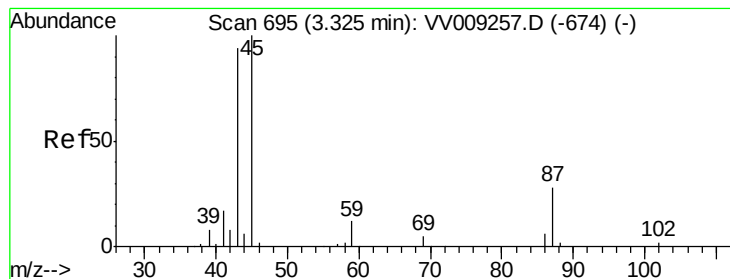
Tot Ion: 41 Resp: 132
Ion Ratio Lower Upper
41 100
39 128.8 56.4 84.6#
76 0.0 30.6 46.0#



#18
Methyl Acetate
Concen: 0.646 ug/l
RT: 2.45 min Scan# 422
Delta R.T. -0.00 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#22

Diisopropyl ether

Concen: 0.013 ug/l

RT: 3.14 min Scan# 638

Delta R.T. -0.18 min

Lab File: VV009261.D

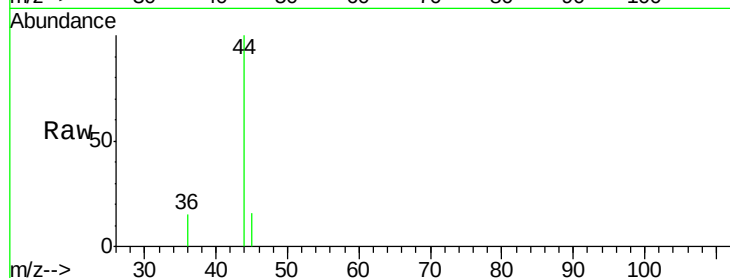
Acq: 24 Jan 2019 16:07

Instrument :

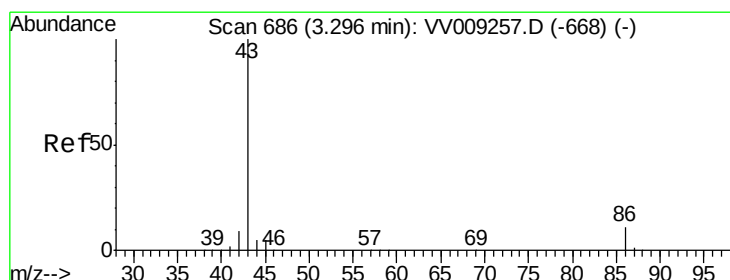
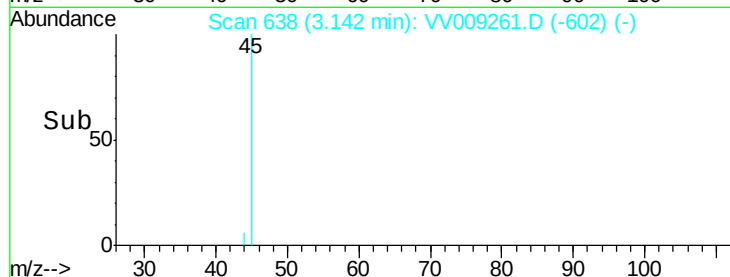
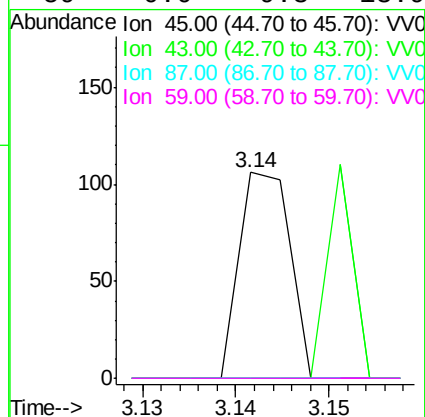
MSVOA_V

ClientSampleId :

VV0124SBL01



Tot Ion:	45	Resp:	40
Ion	Ratio	Lower	Upper
45	100		
43	0.0	75.3	112.9#
87	0.0	22.4	33.6#
59	0.0	9.3	13.9#



#23

Vinyl Acetate

Concen: 0.167 ug/l

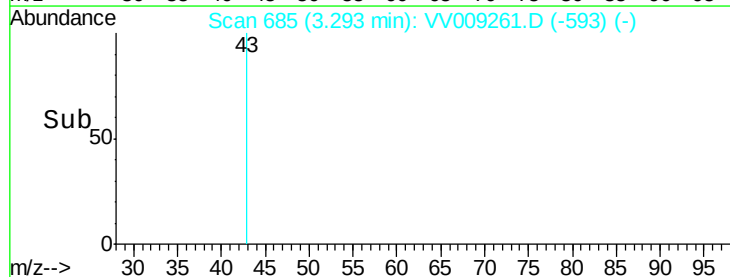
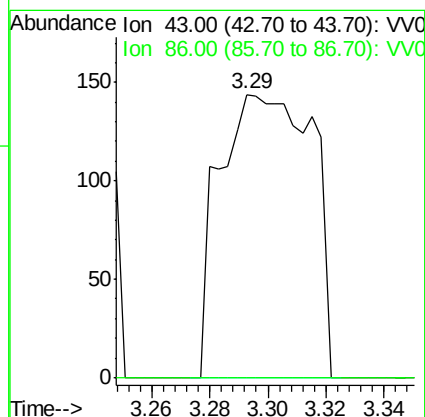
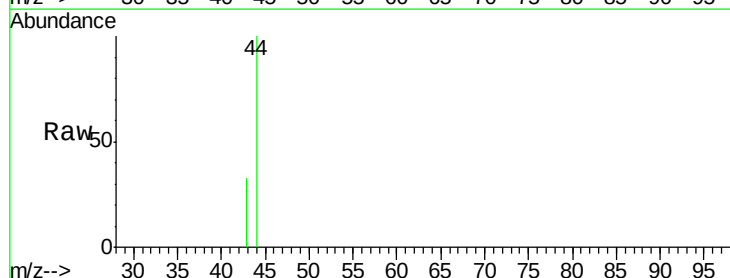
RT: 3.29 min Scan# 685

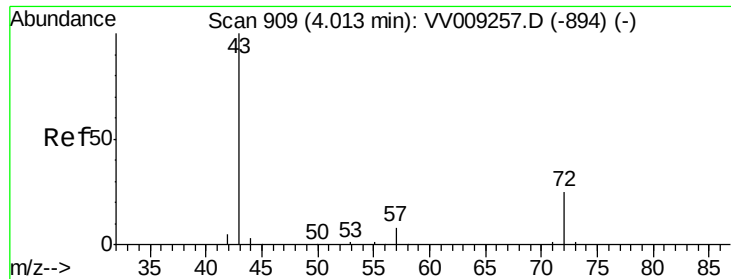
Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Tgt Ion:	43	Resp:	320
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#





#25

2-Butanone

Concen: 0.224 ug/l

RT: 4.01 min Scan# 909

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

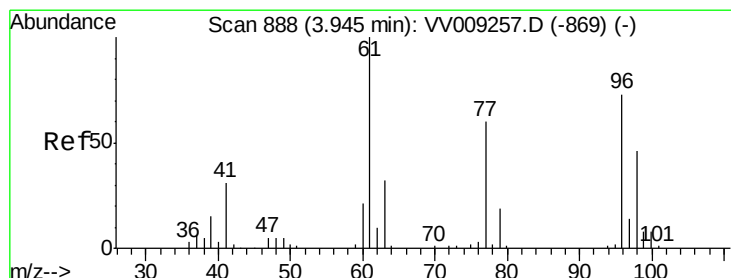
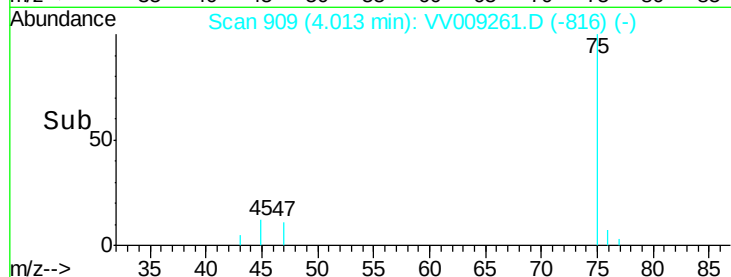
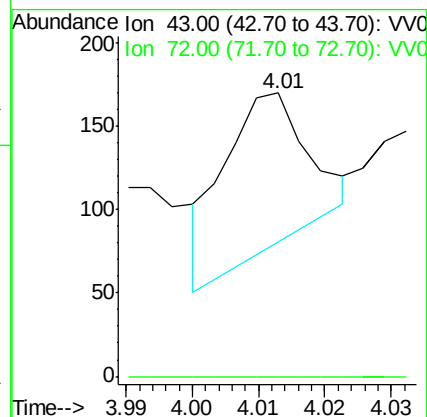
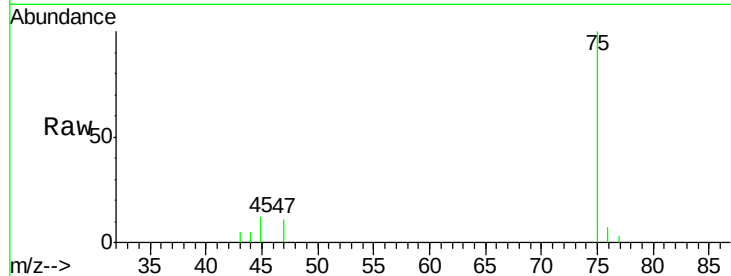
VV0124SBL01

Tot Ion: 43 Resp: 85

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



#26

2,2-Dichloropropane

Concen: 0.287 ug/l

RT: 4.00 min Scan# 904

Delta R.T. 0.05 min

Lab File: VV009261.D

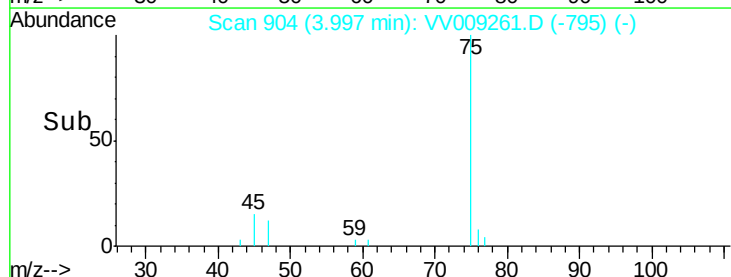
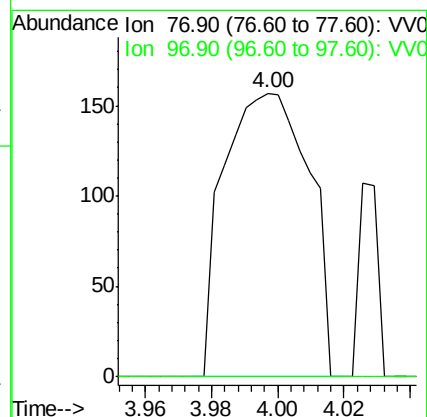
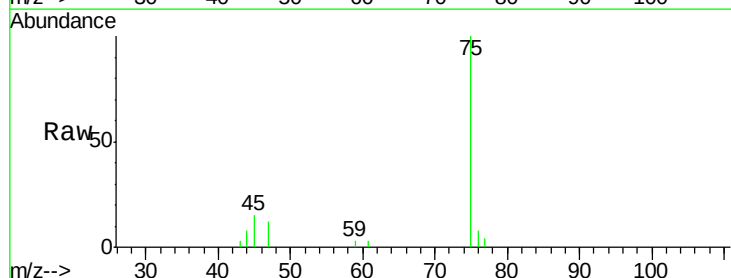
Acq: 24 Jan 2019 16:07

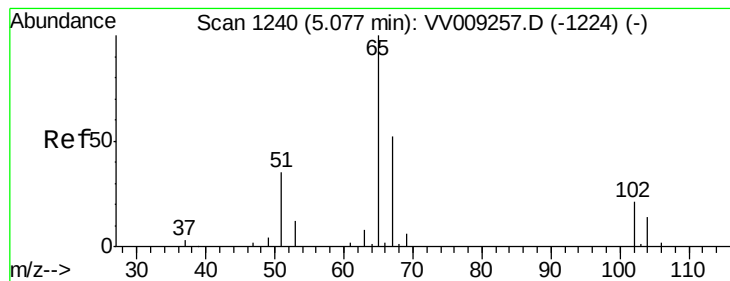
Tgt Ion: 77 Resp: 280

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#





#33

1,2-Dichloroethane-d4

Concen: 50.352 ug/l

RT: 5.08 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

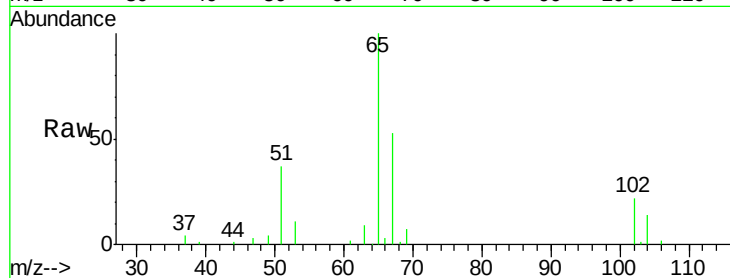
VV0124SBL01

Tot Ion: 65 Resp: 53188

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VV009261.D (-1147) (-)

Ion 66.90 (66.60 to 67.60): VV009261.D (-1147) (-)

5.08

25000

20000

15000

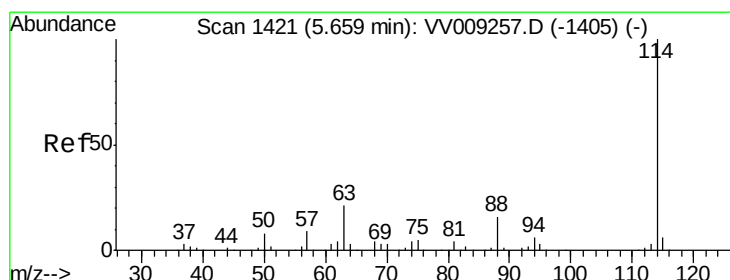
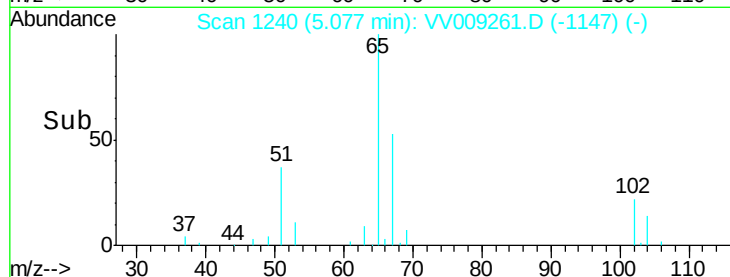
10000

5000

0

Time-->

5.00 5.05 5.10 5.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1421

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

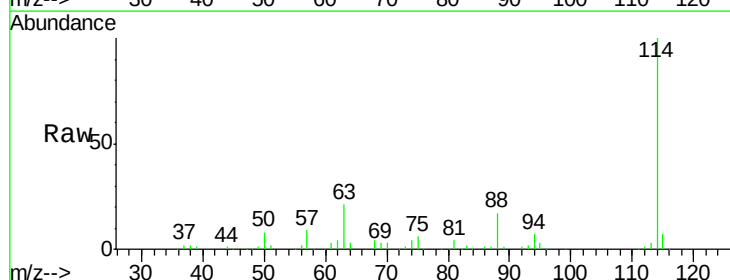
Tgt Ion: 114 Resp: 147602

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 16.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VV009261.D (-1328) (-)

Ion 63.00 (62.70 to 63.70): VV009261.D (-1328) (-)

Ion 87.90 (87.60 to 88.60): VV009261.D (-1328) (-)

5.66

100000

80000

60000

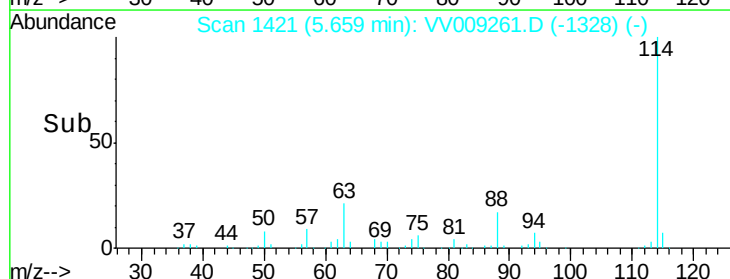
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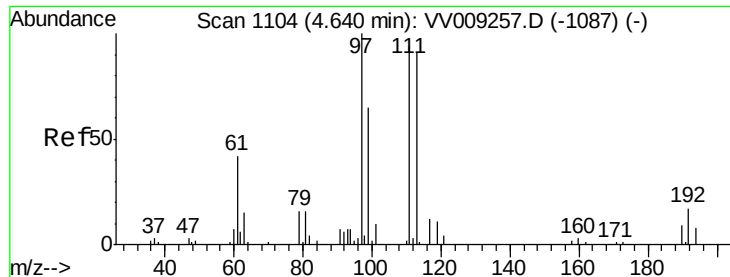
20000

0

Time-->

5.60 5.70 5.80

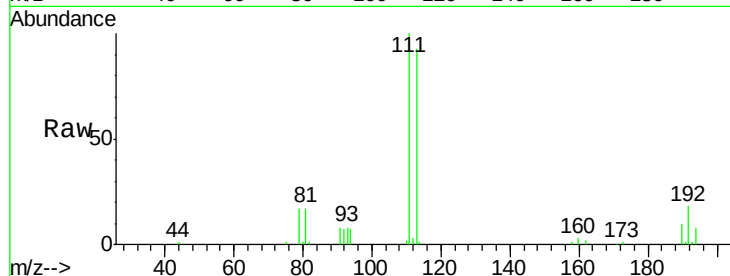




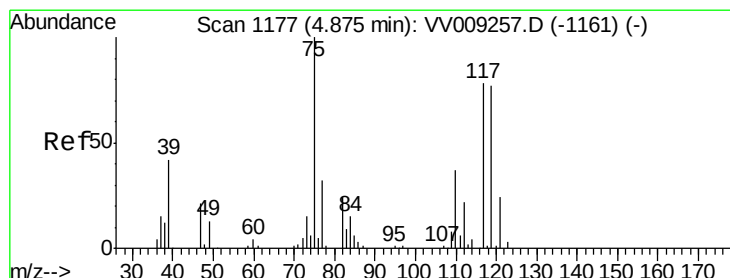
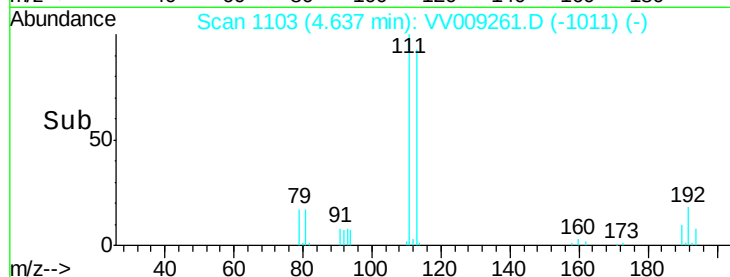
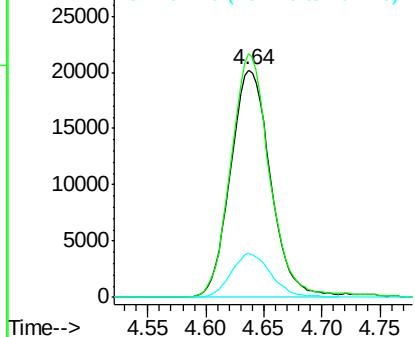
#35
 Dibromofluoromethane
 Concen: 49.719 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBL01

Tot Ion:113 Resp: 48418
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.3 123.5
 192 19.2 15.0 22.6

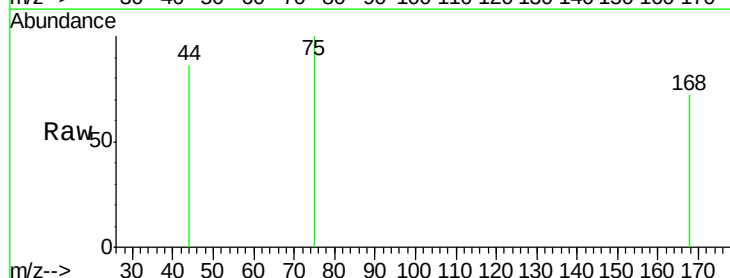


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

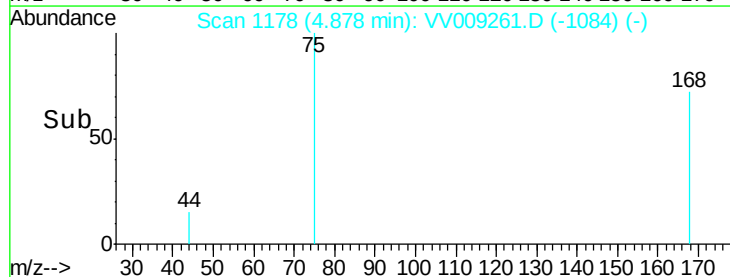
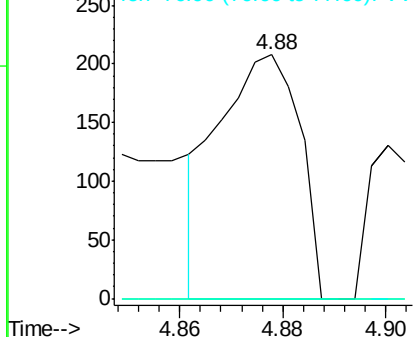


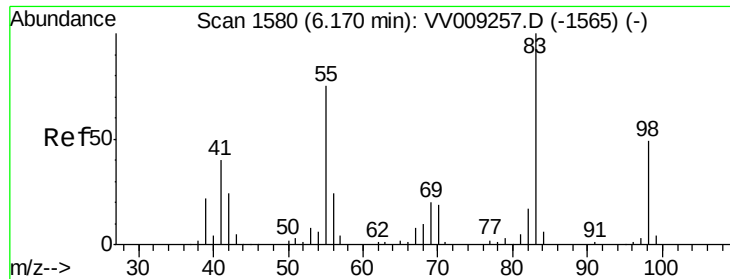
#36
 1,1-Dichloropropene
 Concen: 0.154 ug/l
 RT: 4.88 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Tgt Ion: 75 Resp: 228
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.6 52.9#
 77 0.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VV0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VV0

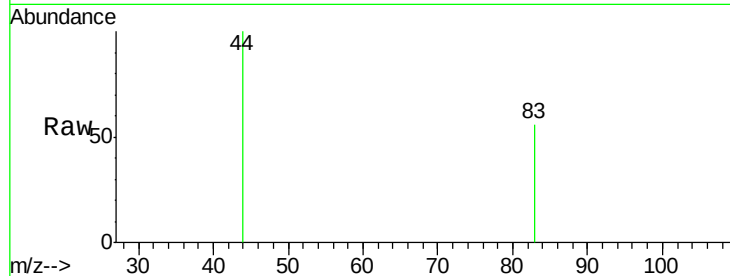




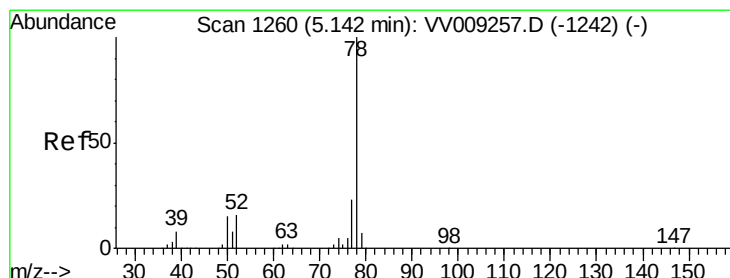
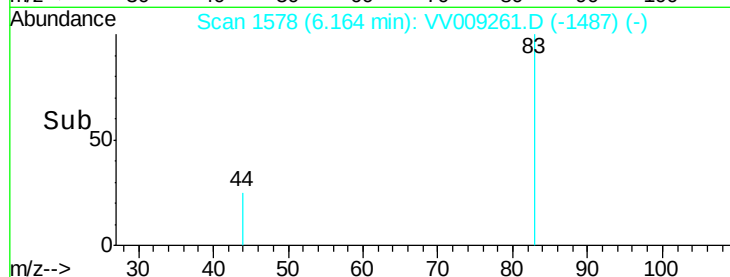
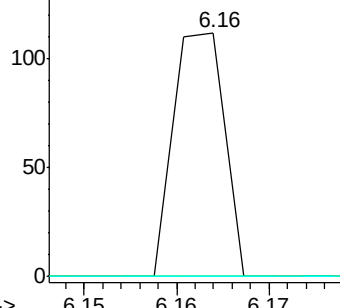
#39
Methylvlcyclohexane
Concen: 0.023 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBL01

Tot Ion: 83 Resp: 43
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.0 39.2 58.8#

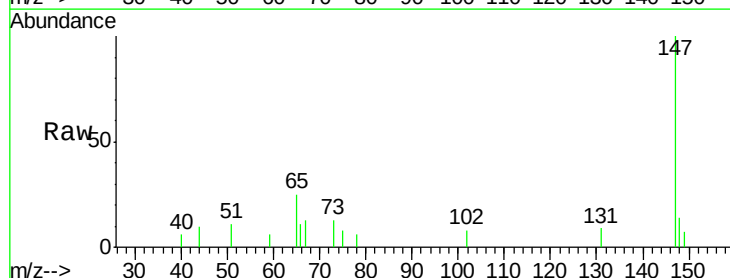


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

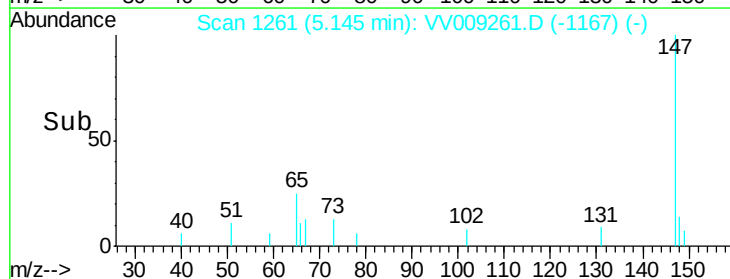
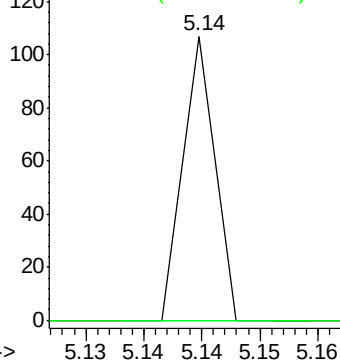


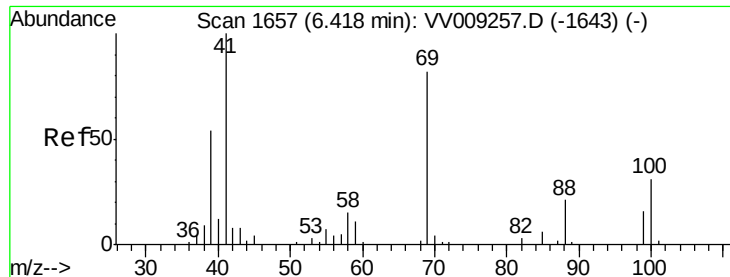
#40
Benzene
Concen: 0.005 ug/l
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Tgt Ion: 78 Resp: 21
Ion Ratio Lower Upper
78 100
77 0.0 18.6 27.8#



Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

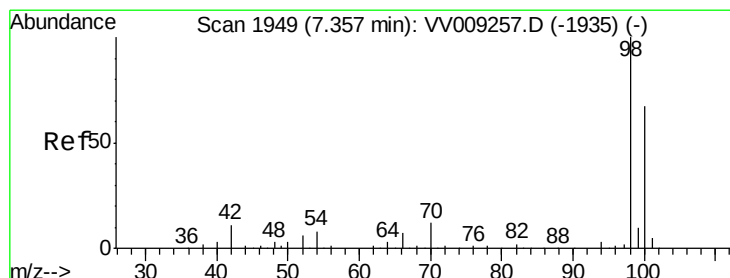
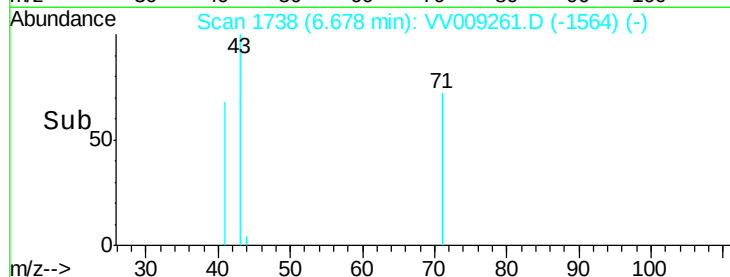
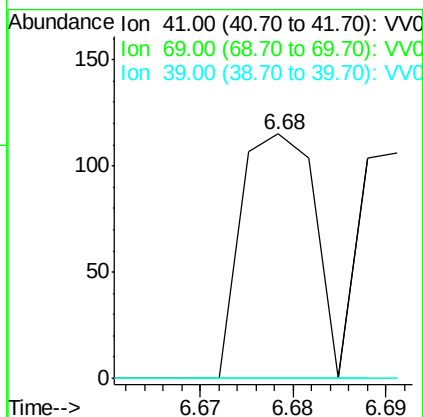
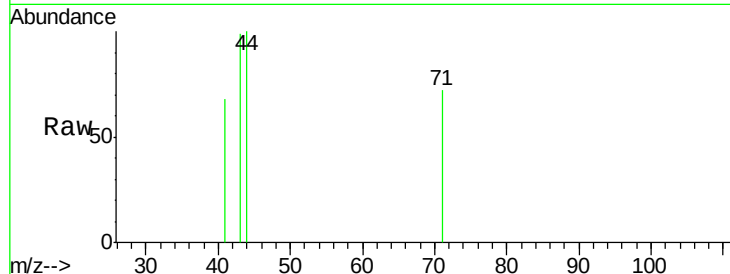




#48
Methvl methacrylate
Concen: 0.089 ug/l
RT: 6.68 min Scan# 1738
Delta R.T. 0.26 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

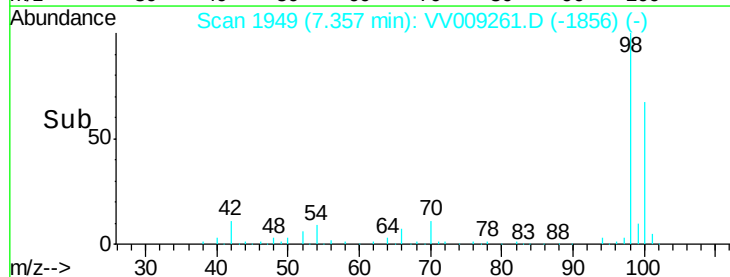
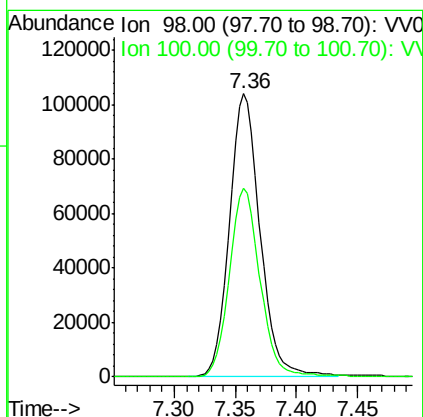
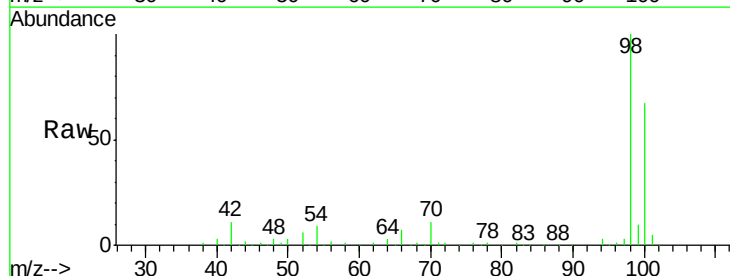
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBL01

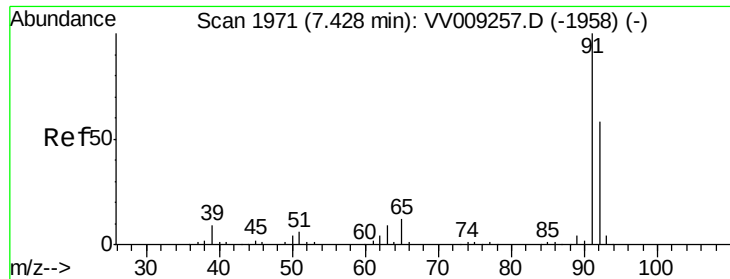
Tot Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
69 0.0 68.6 103.0#
39 0.0 43.2 64.8#



#50
Toluene-d8
Concen: 49.179 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Tgt Ion: 98 Resp: 182392
Ion Ratio Lower Upper
98 100
100 67.4 53.2 79.8





#52

Toluene

Concen: 0.057 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

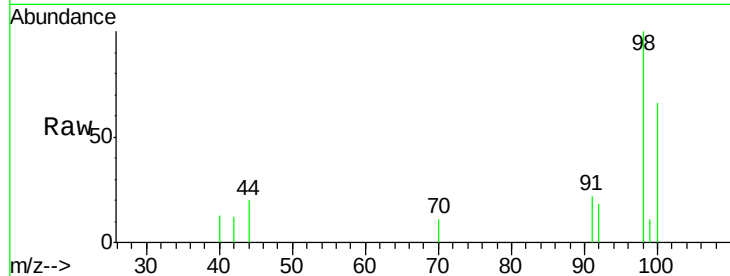
VV0124SBL01

Tot Ion: 92.00 Resp: 158

Ion Ratio Lower Upper

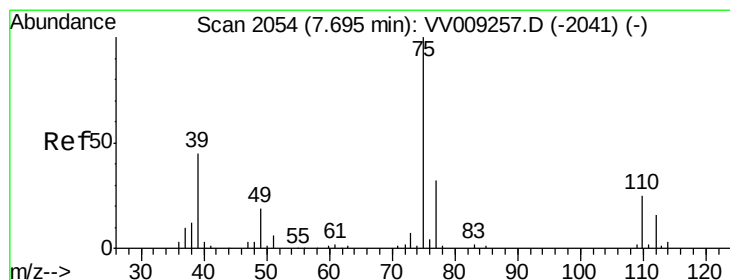
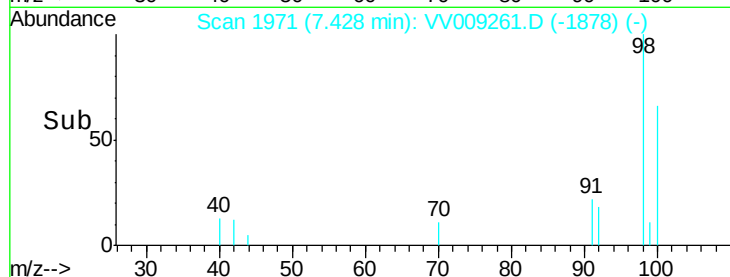
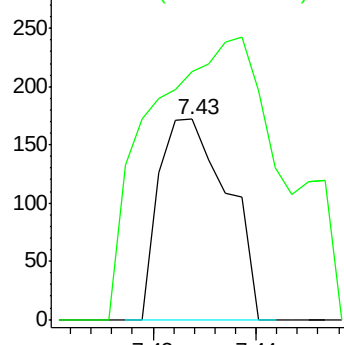
92 100

91 277.8 137.2 205.8#



Abundance Ion 92.00 (91.70 to 92.70): VV0

Ion 91.00 (90.70 to 91.70): VV0



#53

t-1,3-Dichloropropene

Concen: 0.014 ug/l

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV009261.D

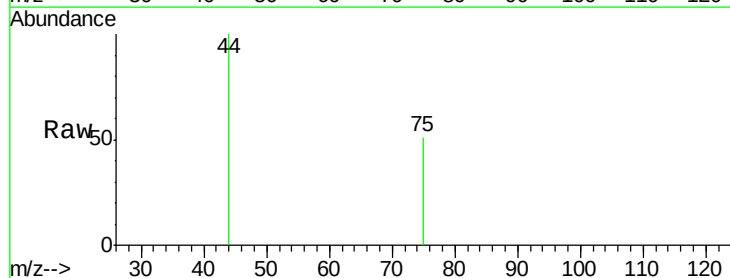
Acq: 24 Jan 2019 16:07

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

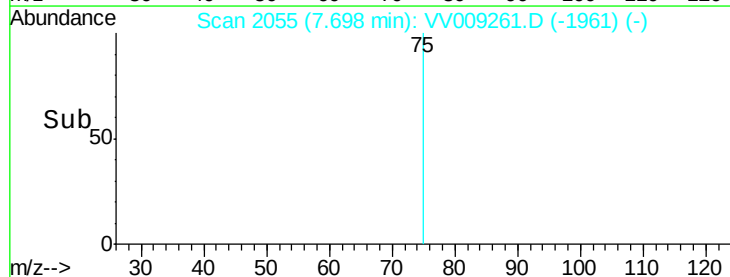
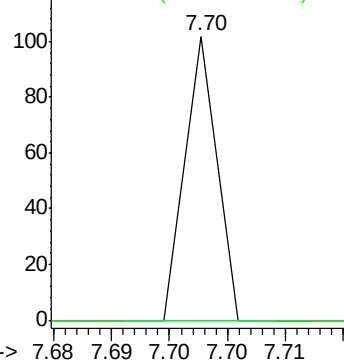
75 100

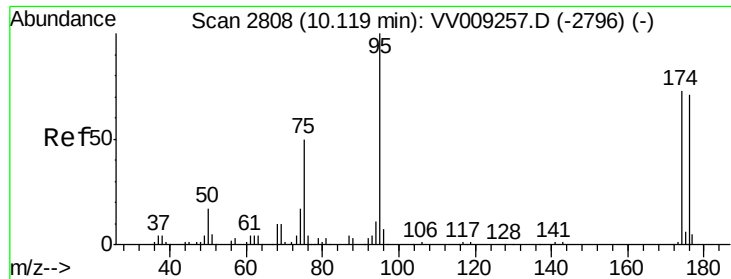
77 0.0 25.9 38.9#



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0





#62

4-Bromofluorobenzene

Concen: 47.120 ug/l

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBL01

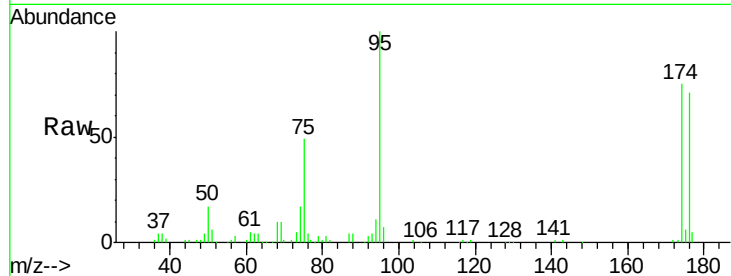
Tot Ion: 95 Resp: 67407

Ion Ratio Lower Upper

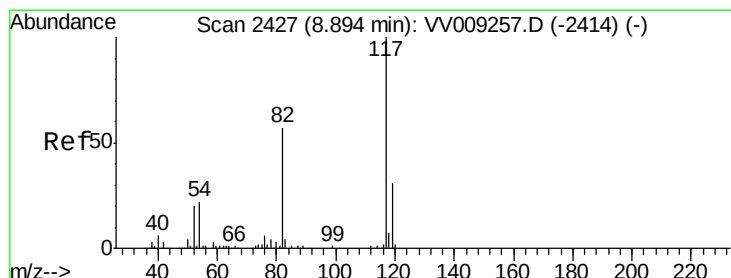
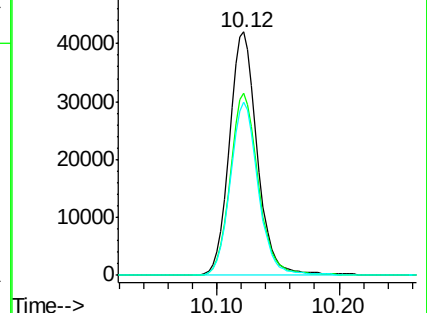
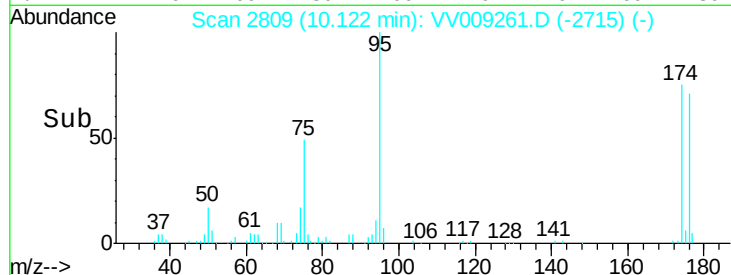
95 100

174 75.7 0.0 150.0

176 71.3 0.0 144.0



Abundance Ion 94.90 (94.60 to 95.60): VV009261.D (-2715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.90 min Scan# 2428

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

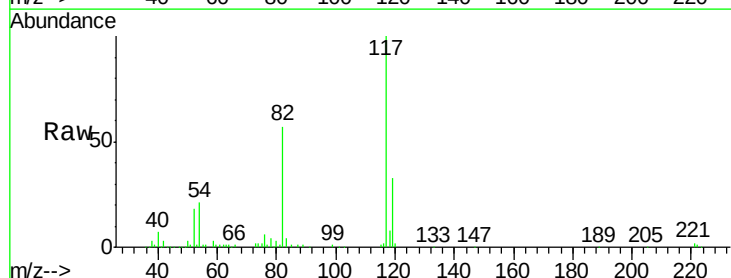
Tgt Ion: 117 Resp: 135771

Ion Ratio Lower Upper

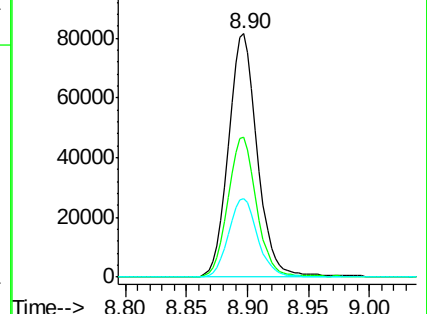
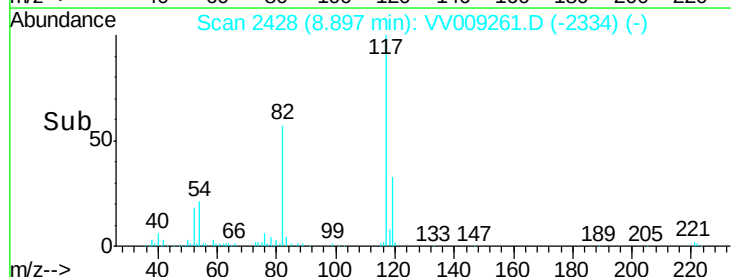
117 100

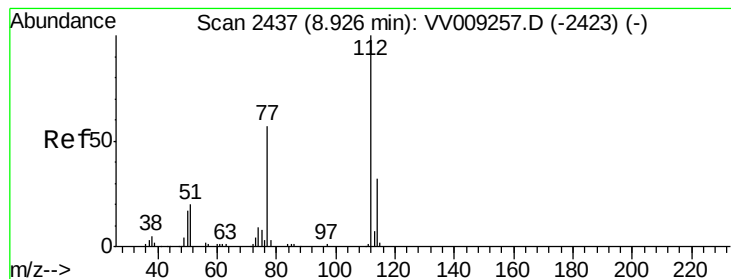
82 57.2 45.8 68.6

119 32.5 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VV009261.D (-2334) (-)





#65

Chlorobenzene

Concen: 0.140 ug/l

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

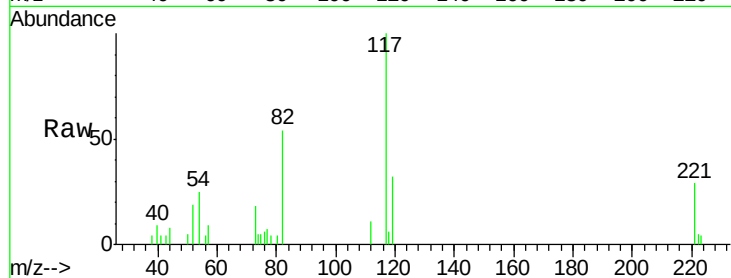
VV0124SBL01

Tot Ion:112 Resp: 428

Ion Ratio Lower Upper

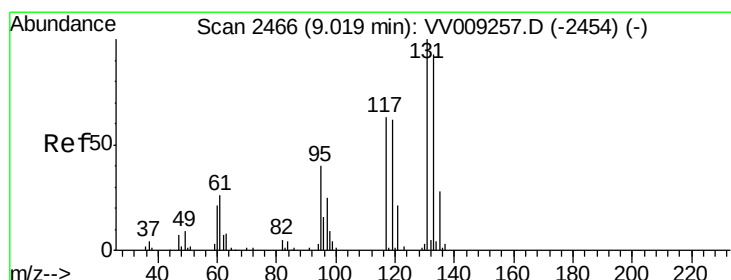
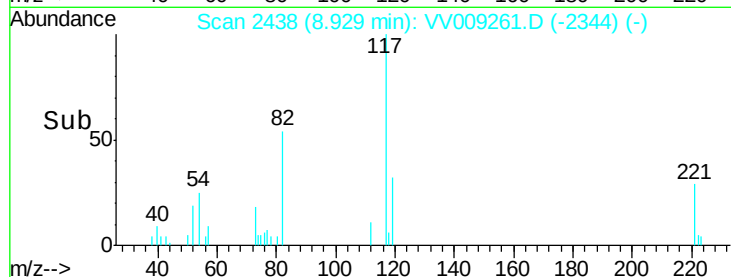
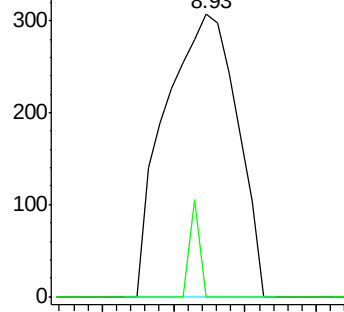
112 100

114 0.0 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.129 ug/l

RT: 8.91 min Scan# 2433

Delta R.T. -0.11 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

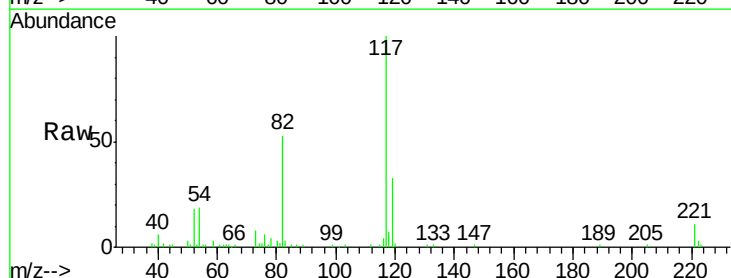
Tgt Ion:131 Resp: 132

Ion Ratio Lower Upper

131 100

133 442.4 47.7 143.1#

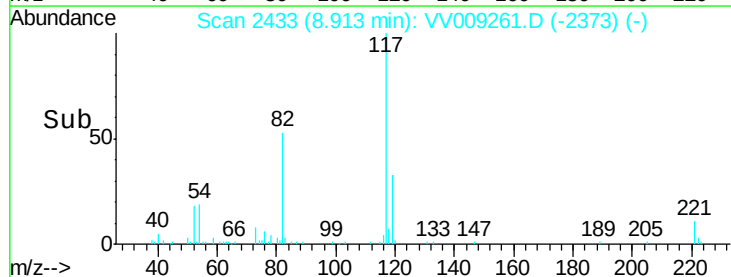
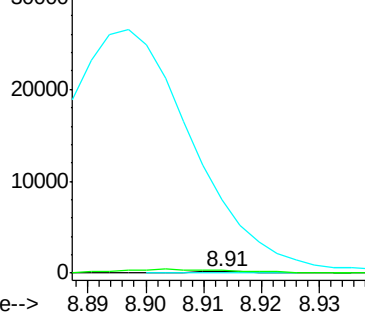
119 33428.0 32.4 97.2#

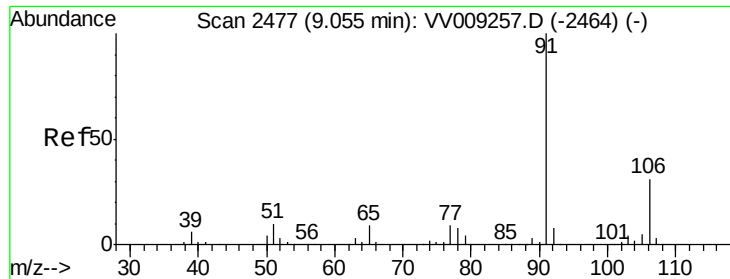


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

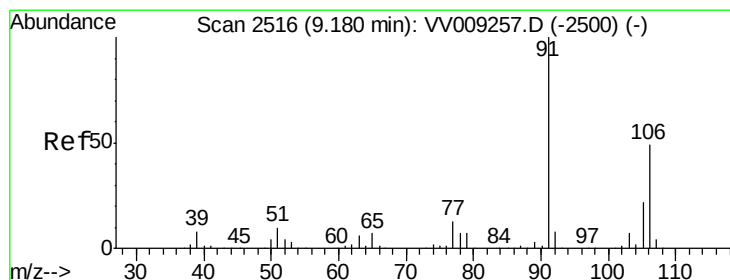
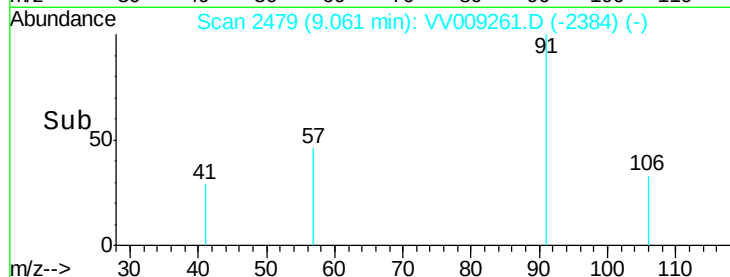
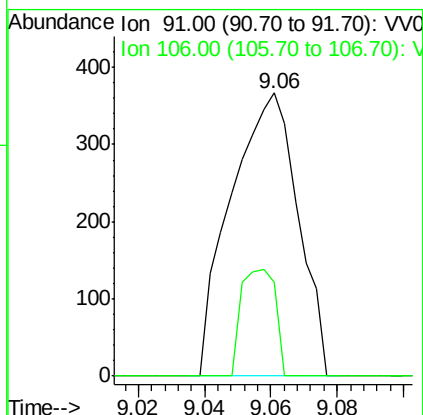
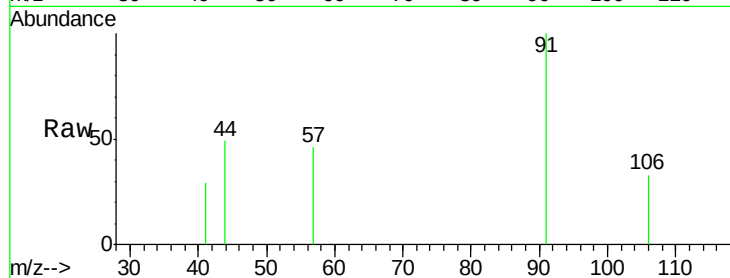




#67
Ethyl Benzene
Concen: 0.100 ug/l
RT: 9.06 min Scan# 2479
Delta R.T. 0.01 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

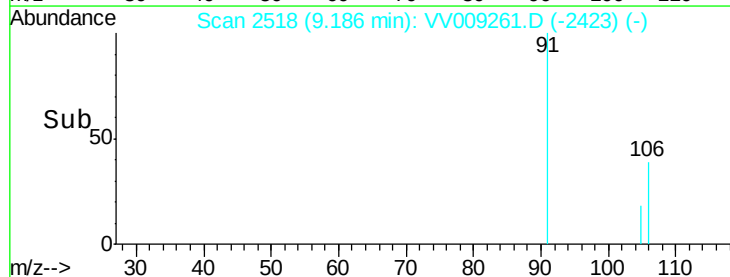
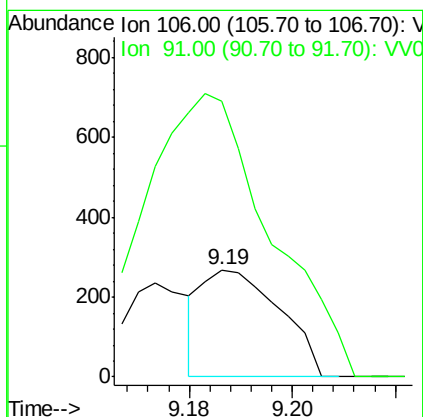
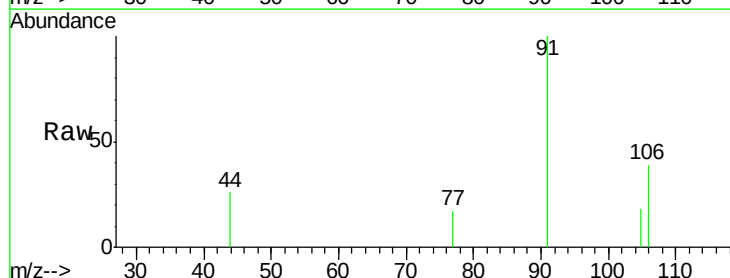
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBL01

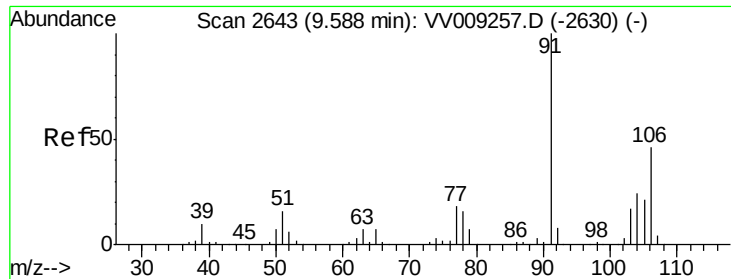
Tot Ion: 91 Resp: 517
Ion Ratio Lower Upper
91 100
106 33.2 24.6 37.0



#68
m/p-Xylenes
Concen: 0.140 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. 0.01 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Tgt Ion: 106 Resp: 278
Ion Ratio Lower Upper
106 100
91 439.6 161.9 242.9#

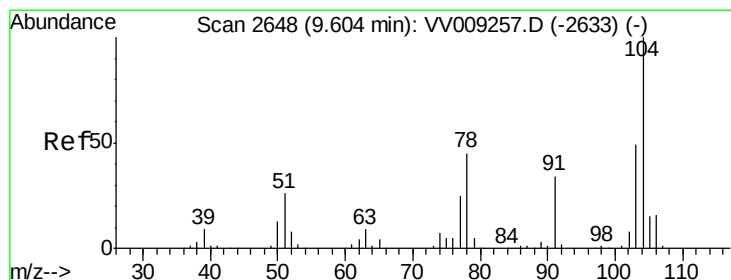
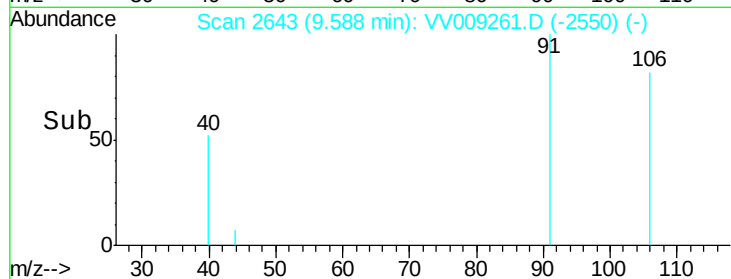
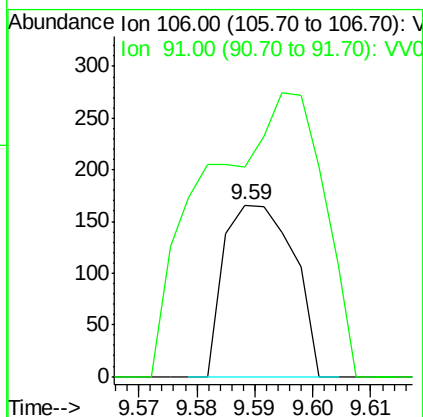
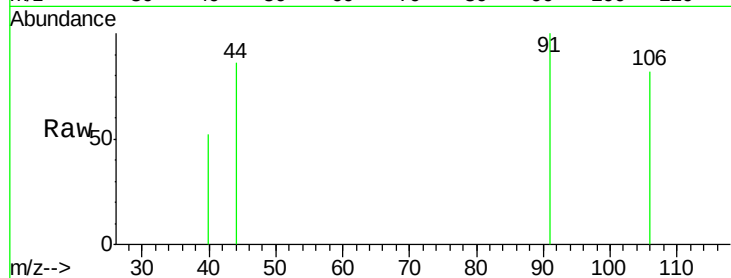




#69
o-Xylene
Concen: 0.074 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

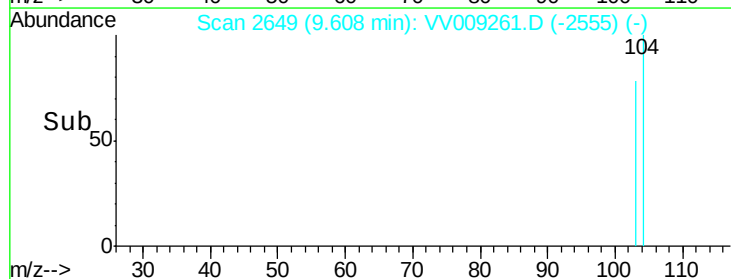
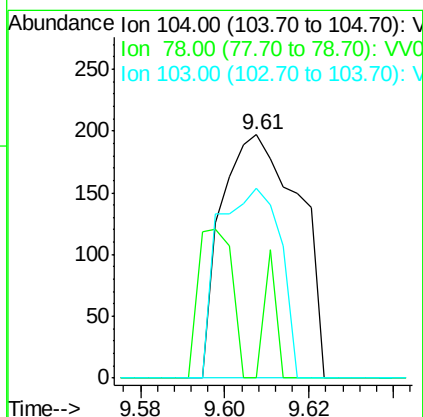
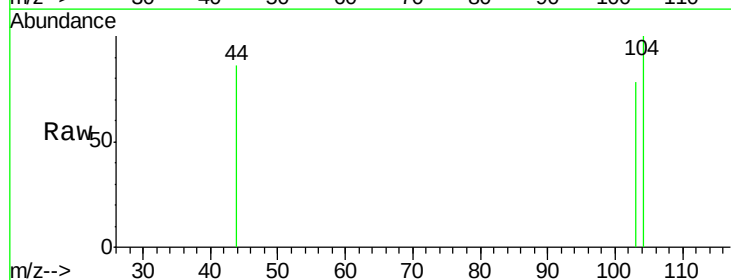
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBL01

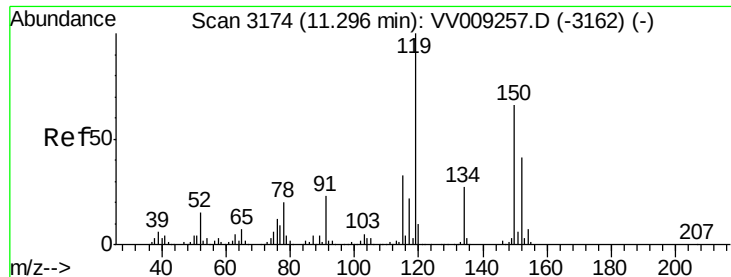
Tot Ion:106 Resp: 138
Ion Ratio Lower Upper
106 100
91 279.7 108.3 324.9



#70
Styrene
Concen: 0.082 ug/l
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Tgt Ion:104 Resp: 250
Ion Ratio Lower Upper
104 100
78 8.0 40.6 60.8#
103 62.4 43.3 64.9



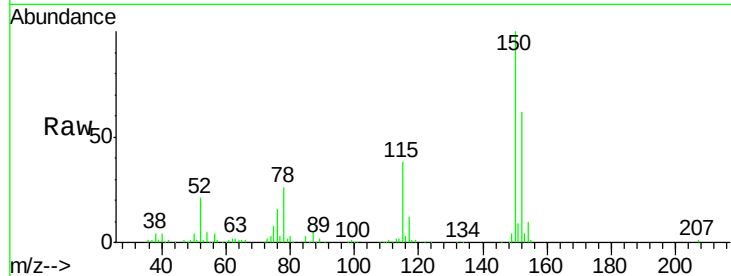


#72

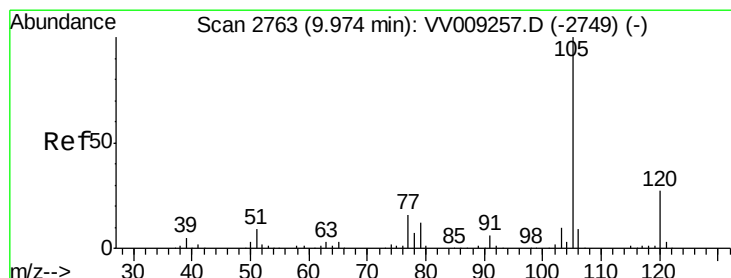
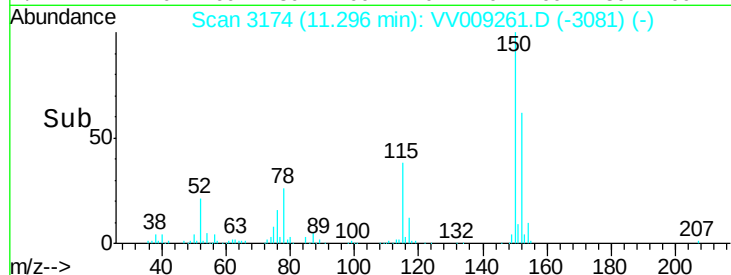
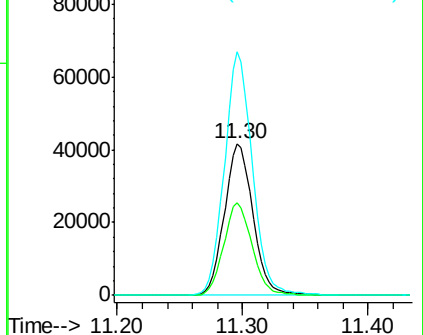
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBL01

Tot Ion:152 Resp: 65791
Ion Ratio Lower Upper
152 100
115 60.7 43.0 128.8
150 156.9 0.0 352.0



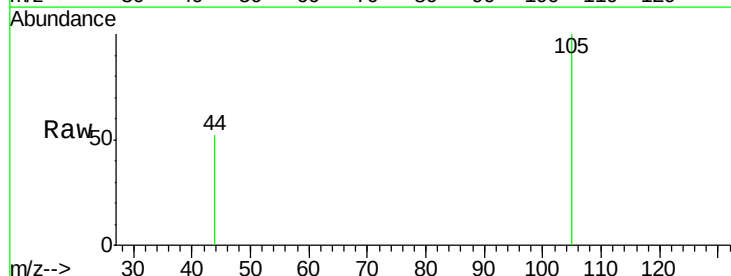
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



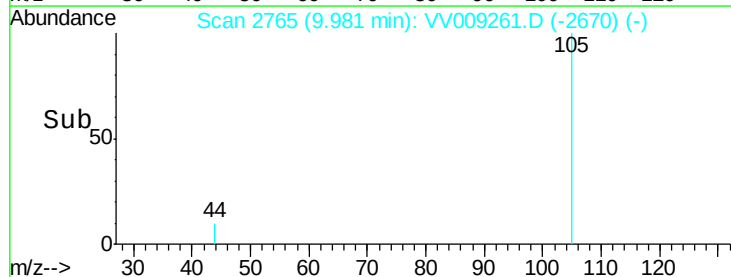
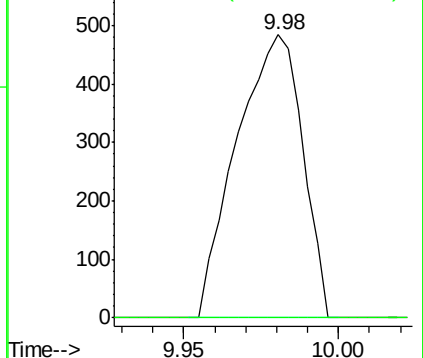
#73

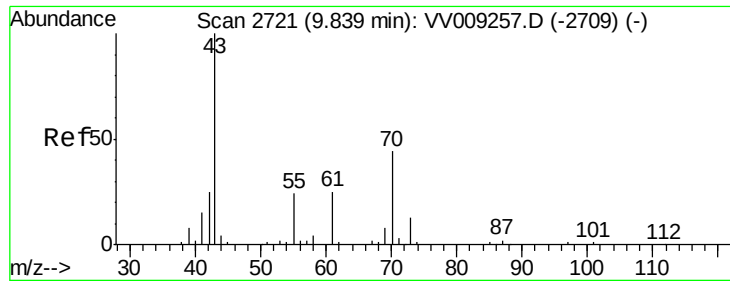
Isopropylbenzene
Concen: 0.147 ug/l
RT: 9.98 min Scan# 2765
Delta R.T. 0.01 min
Lab File: VV009261.D
Acq: 24 Jan 2019 16:07

Tgt Ion:105 Resp: 718
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.3#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.150 ug/l

RT: 9.85 min Scan# 2725

Delta R.T. 0.01 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBL01

Tot Ion: 43 Resp: 171

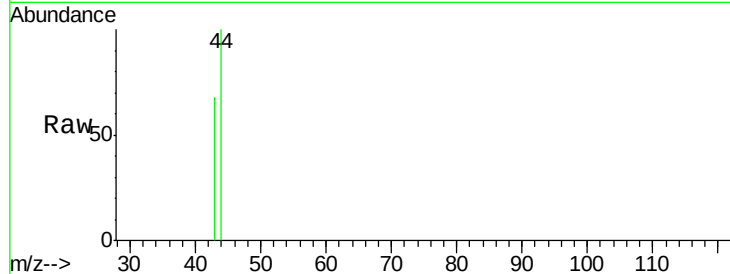
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 0.0 20.4 30.6#

61 0.0 19.3 28.9#

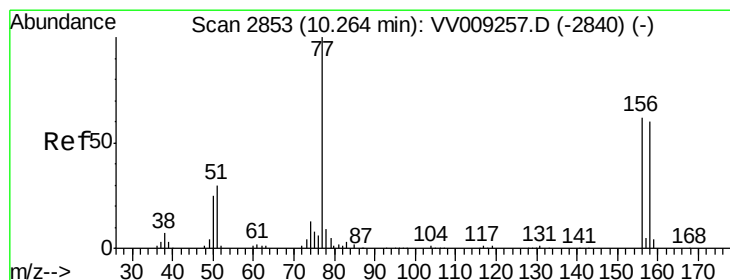
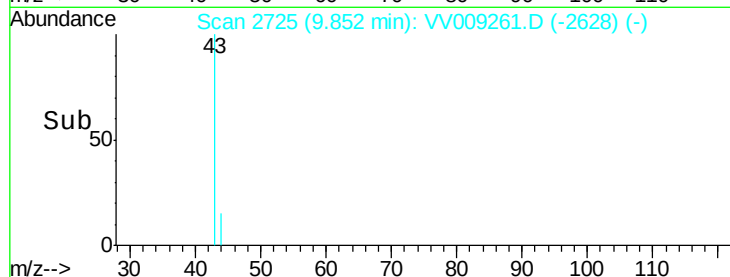
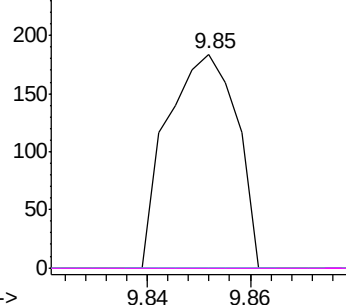


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0



#77

Bromobenzene

Concen: 0.119 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

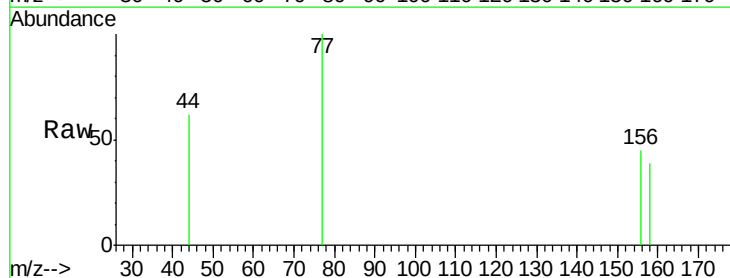
Tgt Ion: 156 Resp: 136

Ion Ratio Lower Upper

156 100

77 305.1 81.7 244.9#

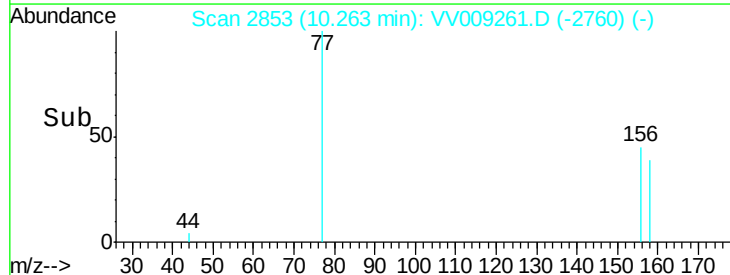
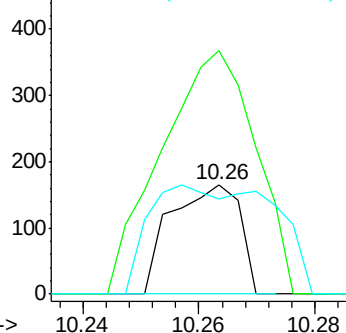
158 103.7 48.4 145.0

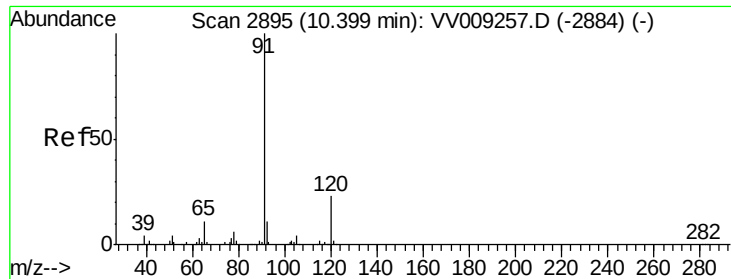


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.208 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

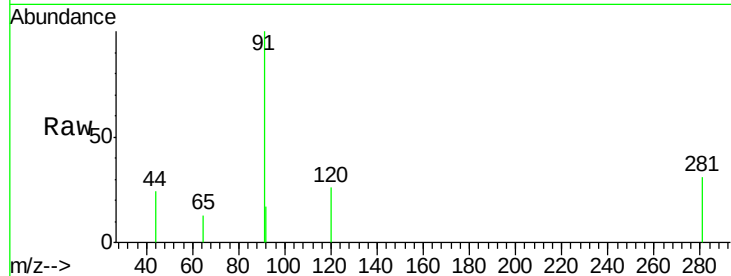
VV0124SBL01

Tot Ion: 91 Resp: 1200

Ion Ratio Lower Upper

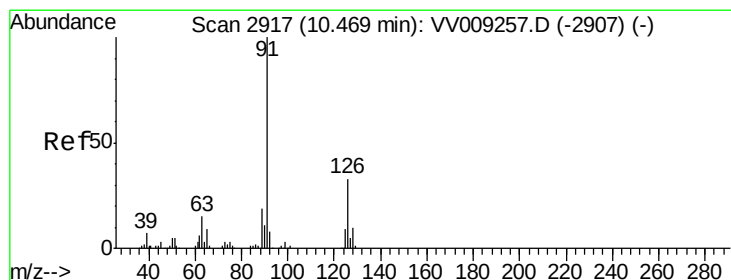
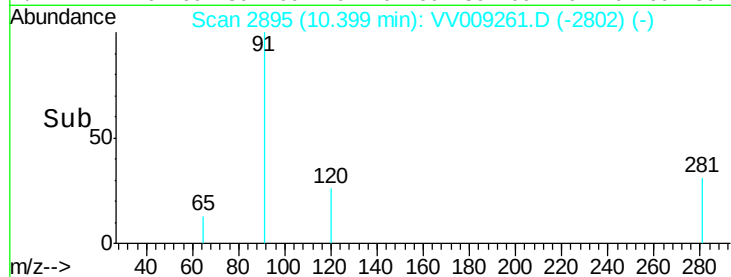
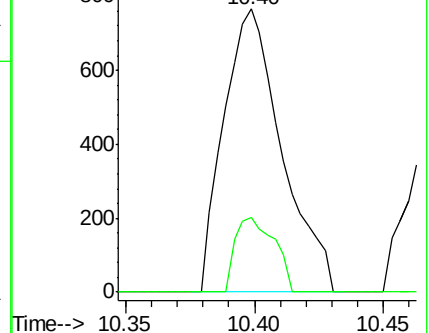
91 100

120 17.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.214 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. -0.00 min

Lab File: VV009261.D

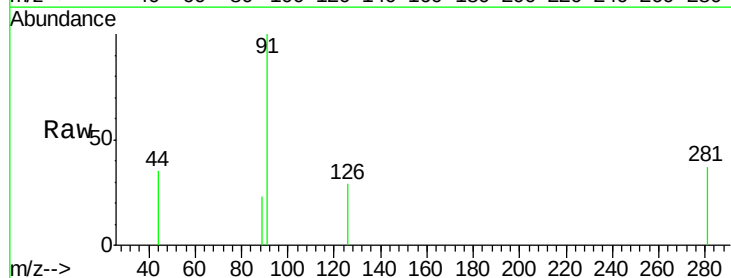
Acq: 24 Jan 2019 16:07

Tgt Ion: 91 Resp: 746

Ion Ratio Lower Upper

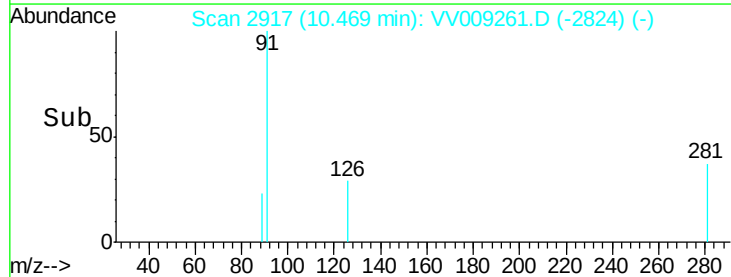
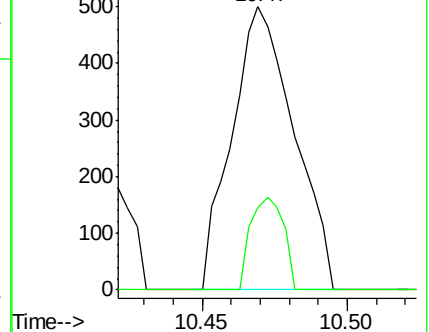
91 100

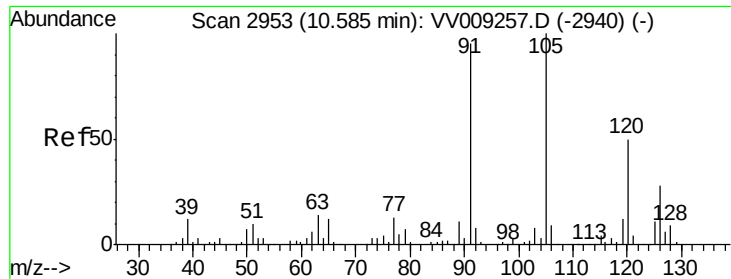
126 17.4 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 125.90 (125.60 to 126.60): V

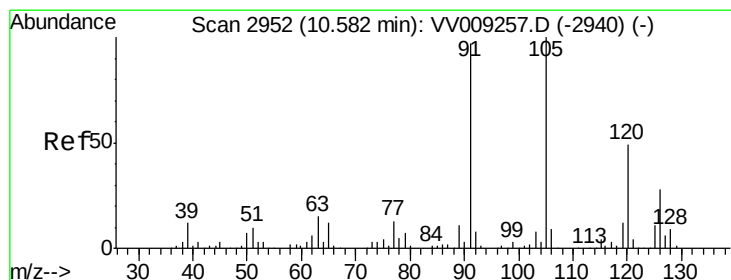
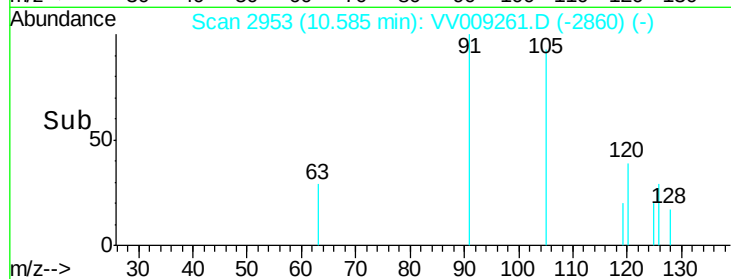
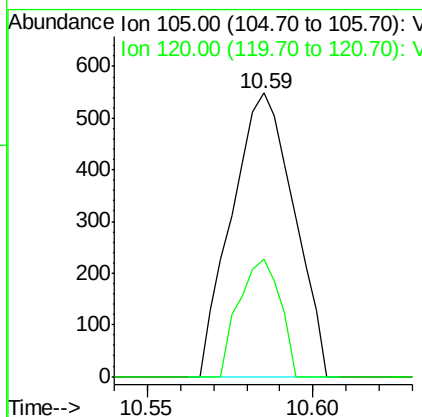
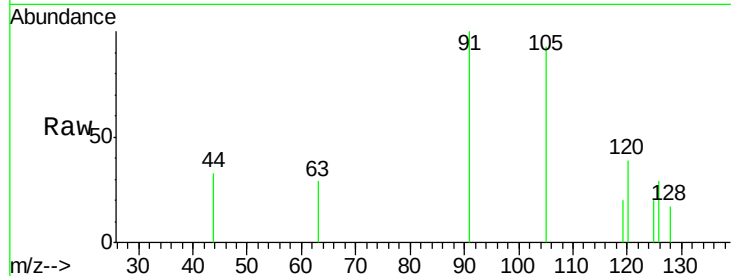




#80
 1,3,5-Trimethylbenzene
 Concen: 0.174 ug/l
 RT: 10.59 min Scan# 2953
 Delta R.T. -0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

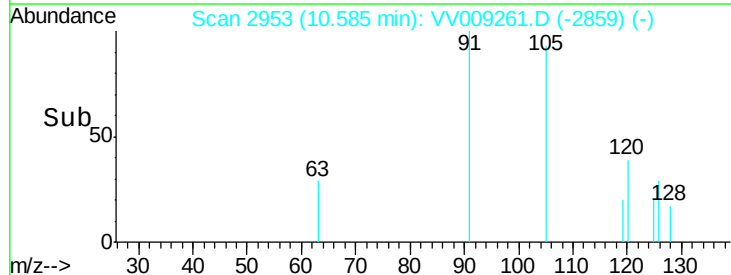
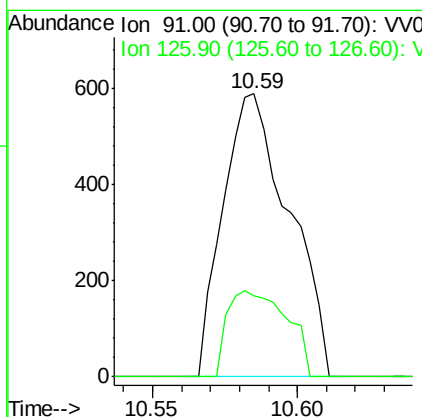
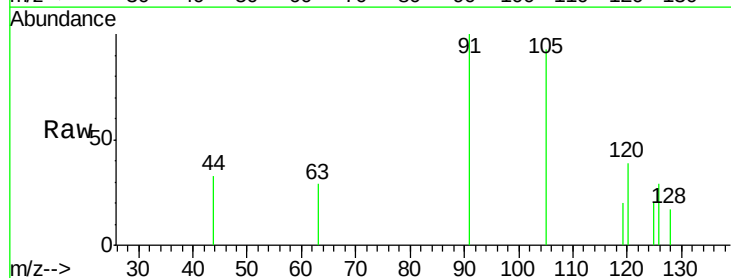
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBL01

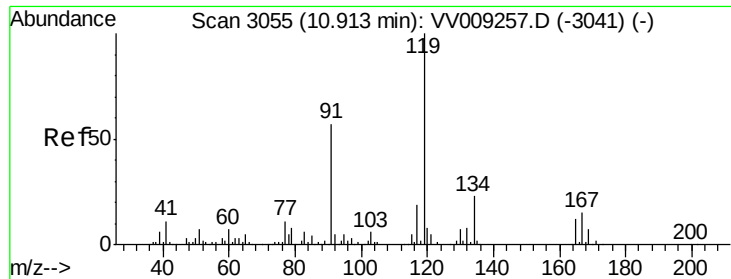
Tot Ion:105 Resp: 714
 Ion Ratio Lower Upper
 105 100
 120 27.6 24.8 74.3



#82
 4-Chlorotoluene
 Concen: 0.226 ug/l
 RT: 10.59 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Tgt Ion: 91 Resp: 933
 Ion Ratio Lower Upper
 91 100
 126 27.1 14.6 44.0

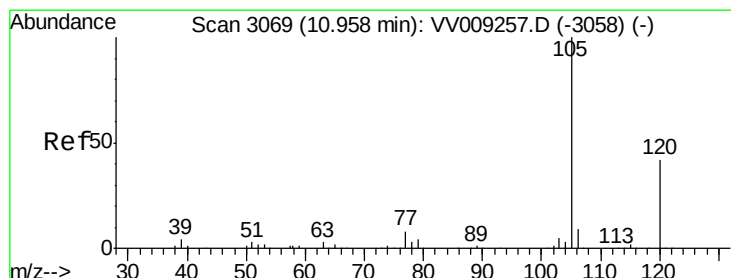
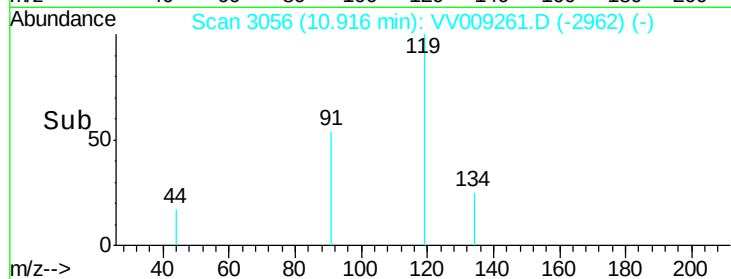
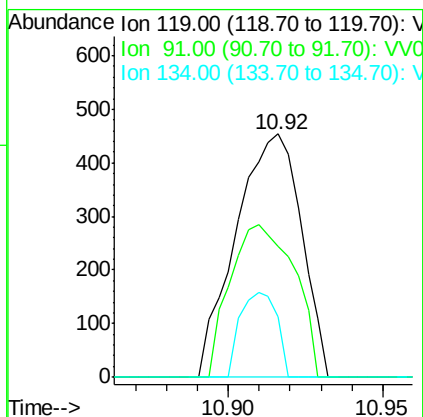
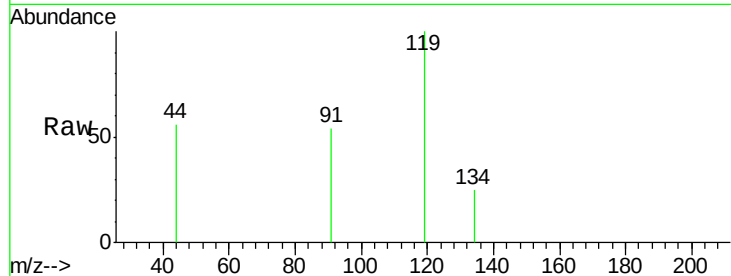




#83
 tert-Butylbenzene
 Concen: 0.168 ug/l
 RT: 10.92 min Scan# 3056
 Delta R.T. 0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

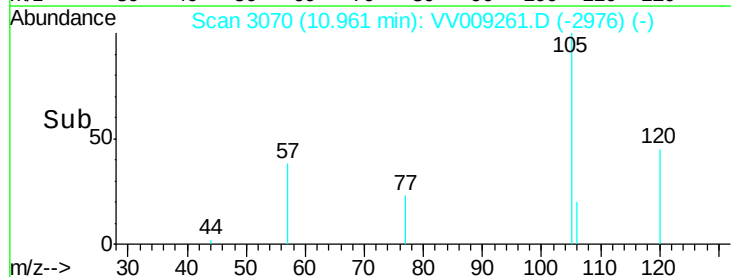
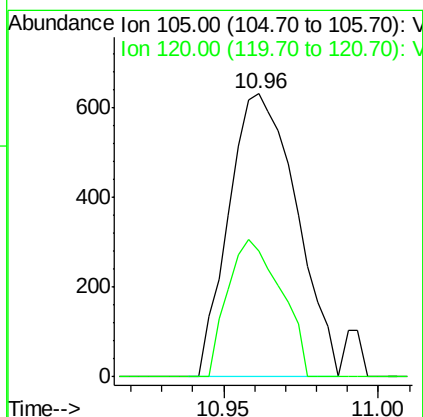
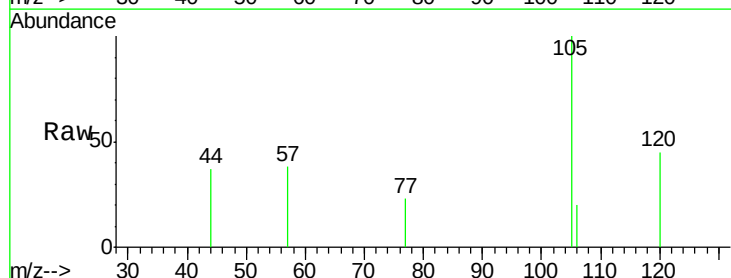
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBL01

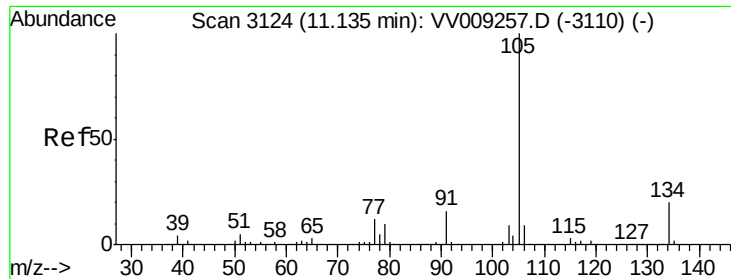
Tot Ion:119 Resp: 665
 Ion Ratio Lower Upper
 119 100
 91 61.8 28.6 85.8
 134 19.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.228 ug/l
 RT: 10.96 min Scan# 3070
 Delta R.T. 0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Tgt Ion:105 Resp: 960
 Ion Ratio Lower Upper
 105 100
 120 38.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.194 ug/l

RT: 11.14 min Scan# 3125

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

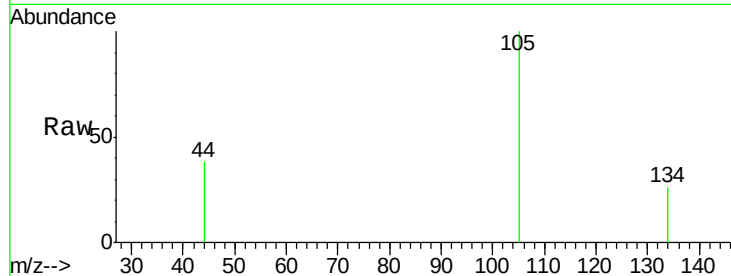
VV0124SBL01

Tot Ion:105 Resp: 1003

Ion Ratio Lower Upper

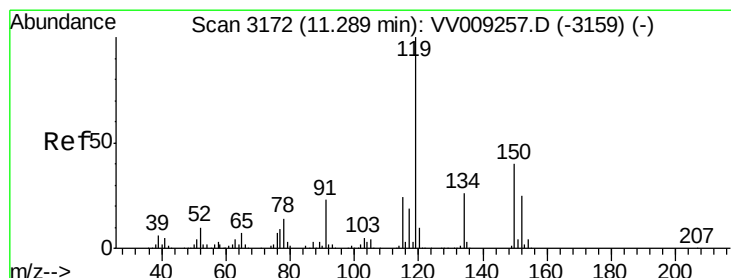
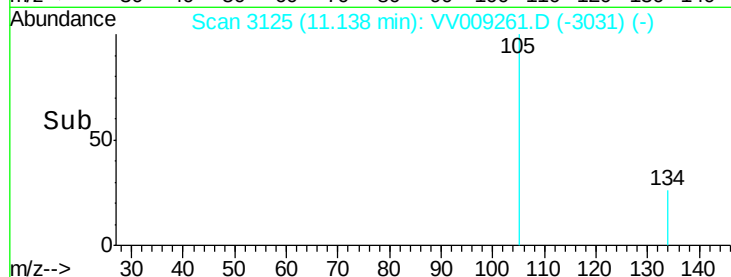
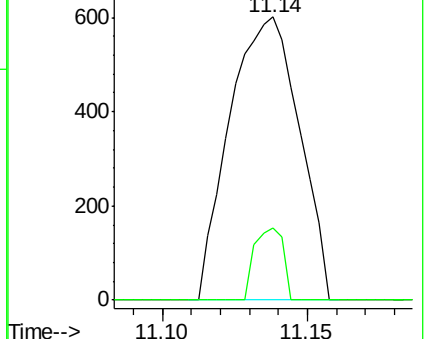
105 100

134 10.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.242 ug/l

RT: 11.29 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

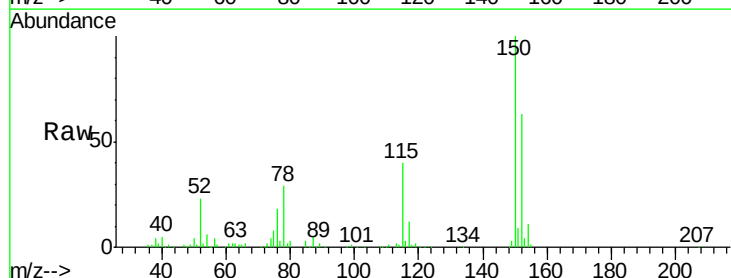
Tgt Ion:119 Resp: 1105

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

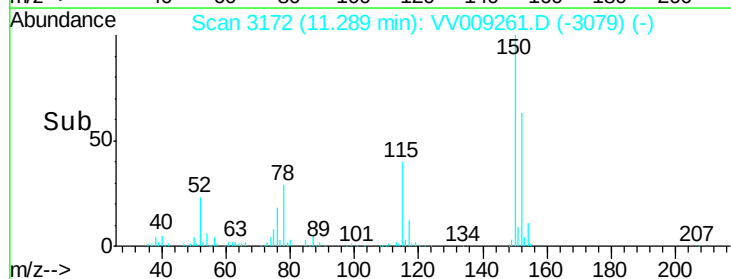
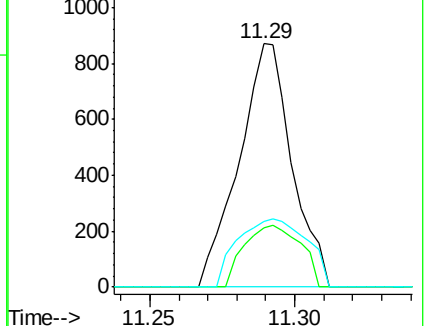
91 36.7 11.9 35.7#

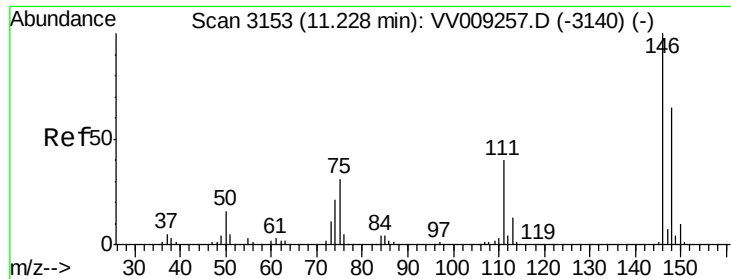


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VV0

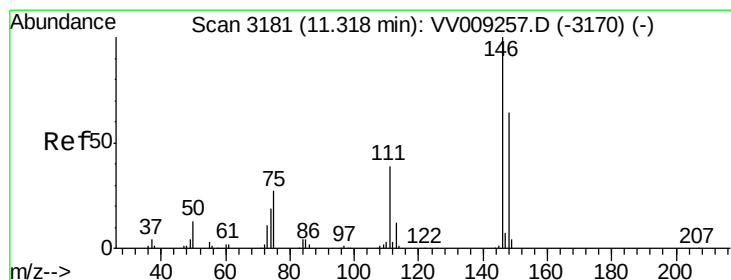
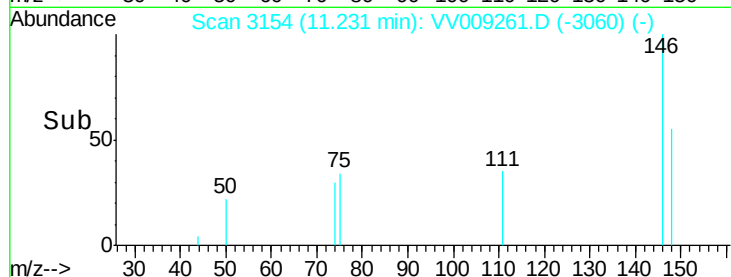
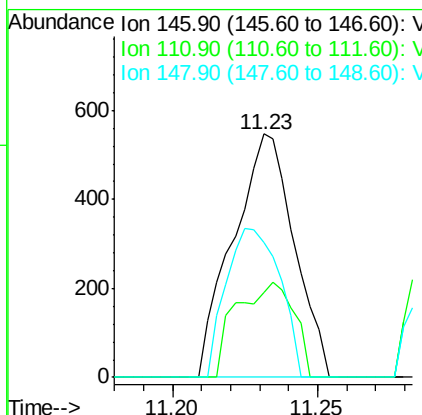
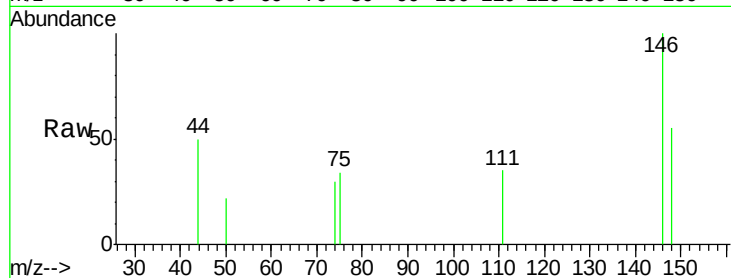




#87
 1,3-Dichlorobenzene
 Concen: 0.347 ug/l
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

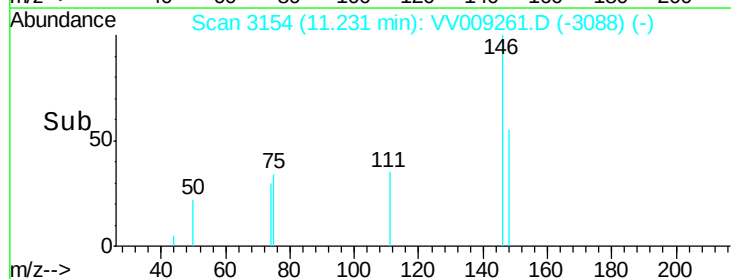
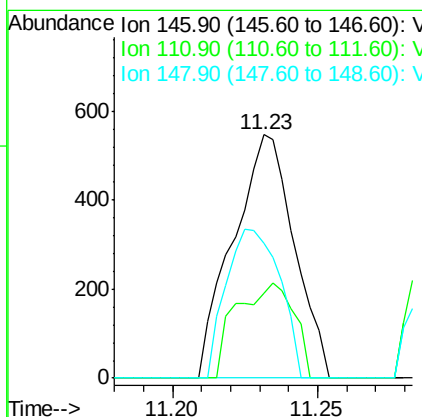
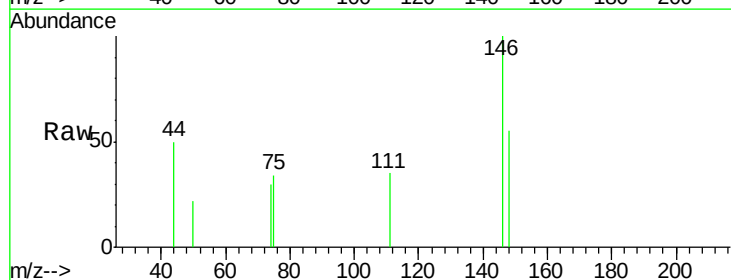
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBL01

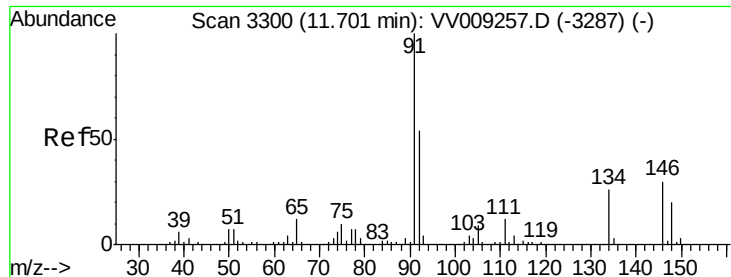
Tot Ion:146 Resp: 800
 Ion Ratio Lower Upper
 146 100
 111 36.6 20.2 60.5
 148 53.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.339 ug/l
 RT: 11.23 min Scan# 3154
 Delta R.T. -0.09 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Tgt Ion:146 Resp: 800
 Ion Ratio Lower Upper
 146 100
 111 36.6 20.3 61.0
 148 53.8 31.6 94.8





#89

n-Butylbenzene

Concen: 0.379 ug/l

RT: 11.70 min Scan# 3301

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBL01

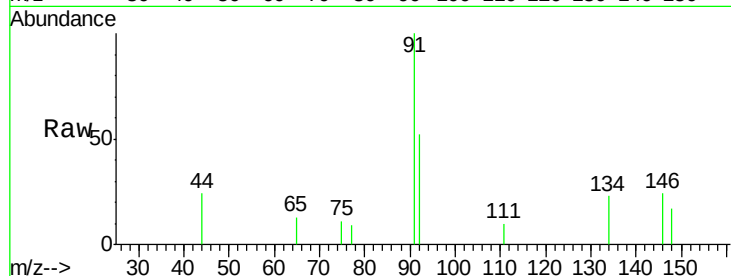
Tot Ion: 91 Resp: 1676

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.2

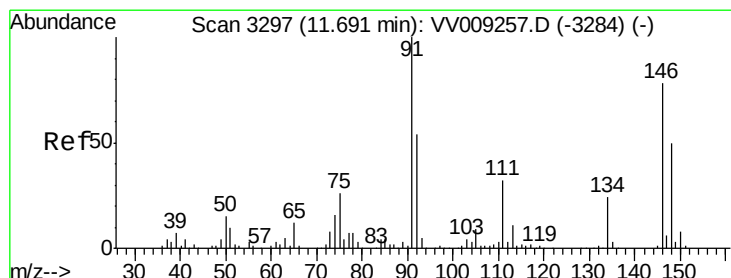
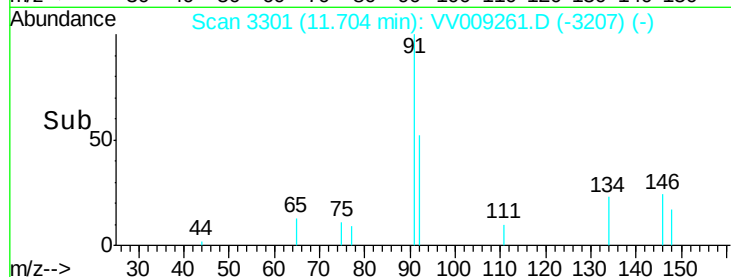
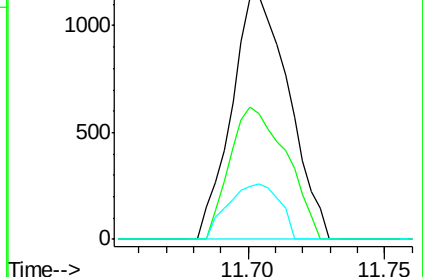
134 20.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VV009257.D (-3287) (-)

Ion 92.00 (91.70 to 92.70): VV009257.D (-3287) (-)

Ion 134.00 (133.70 to 134.70): VV009257.D (-3287) (-)



#91

1,2-Dichlorobenzene

Concen: 0.366 ug/l

RT: 11.69 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

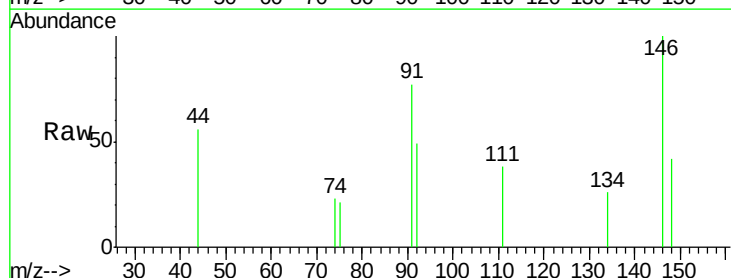
Tgt Ion: 146 Resp: 758

Ion Ratio Lower Upper

146 100

111 35.8 20.9 62.7

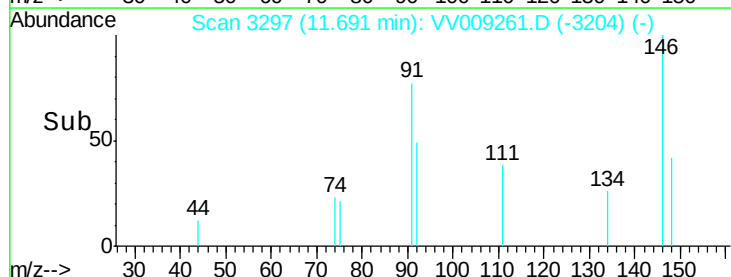
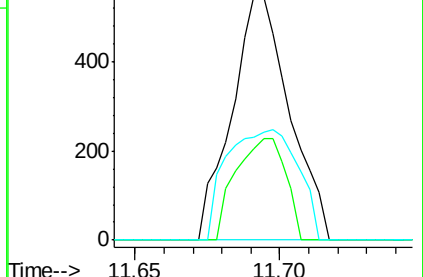
148 55.8 32.1 96.3

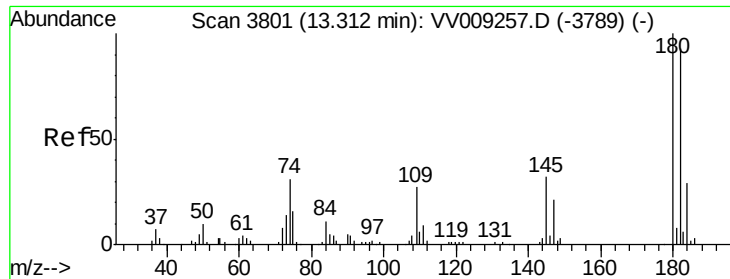


Abundance Ion 145.90 (145.60 to 146.60): VV009257.D (-3284) (-)

Ion 110.90 (110.60 to 111.60): VV009257.D (-3284) (-)

Ion 147.90 (147.60 to 148.60): VV009257.D (-3284) (-)

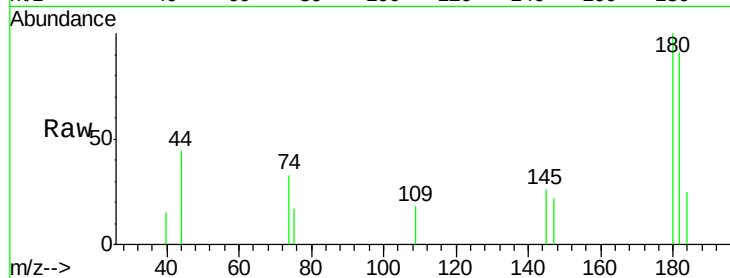




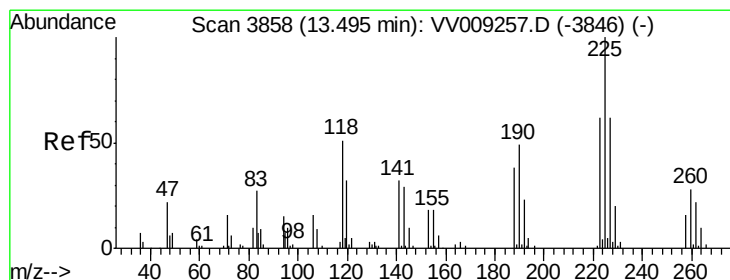
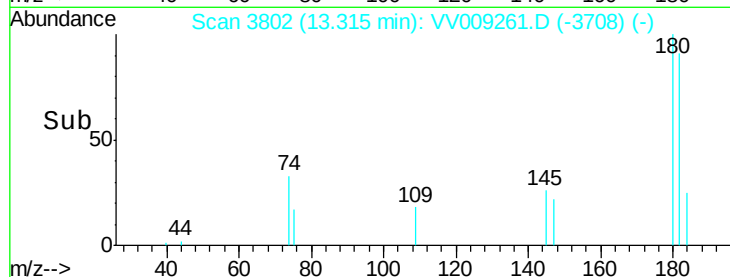
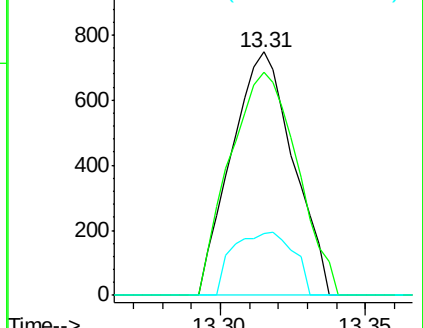
#93
 1,2,4-Trichlorobenzene
 Concen: 0.762 ug/l
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBL01

Tot Ion:180 Resp: 1106
 Ion Ratio Lower Upper
 180 100
 182 99.8 47.1 141.4
 145 25.2 15.8 47.4

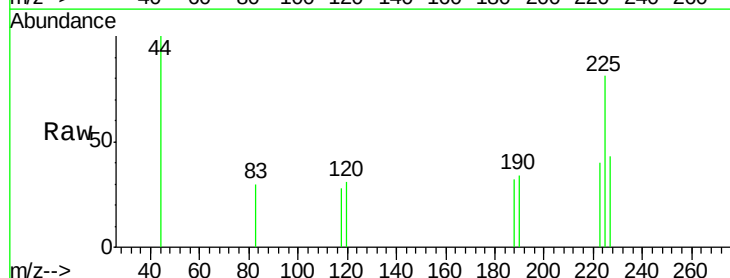


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

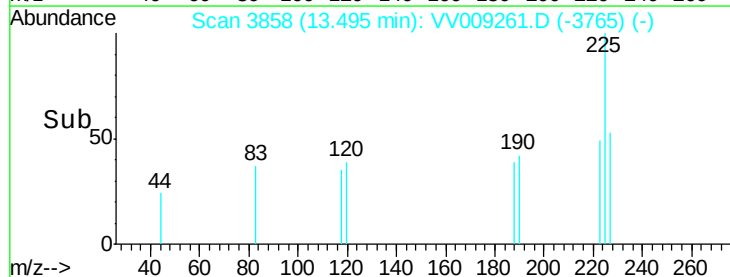
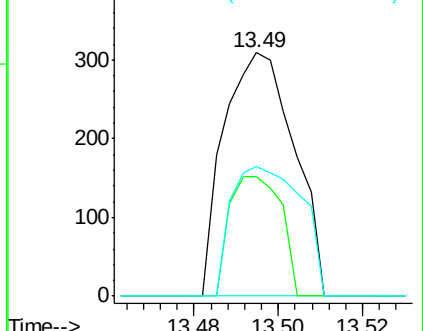


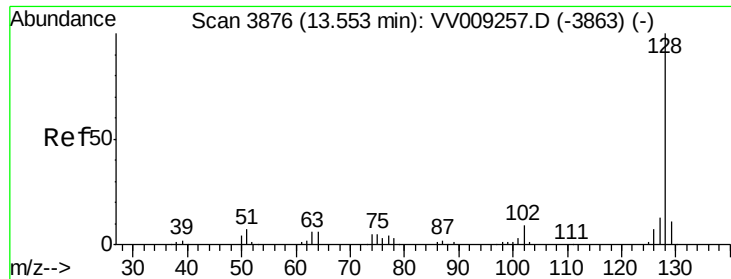
#94
 Hexachlorobutadiene
 Concen: 0.433 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. -0.00 min
 Lab File: VV009261.D
 Acq: 24 Jan 2019 16:07

Tgt Ion:225 Resp: 359
 Ion Ratio Lower Upper
 225 100
 223 36.2 31.3 93.9
 227 53.2 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.953 ug/l

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBL01

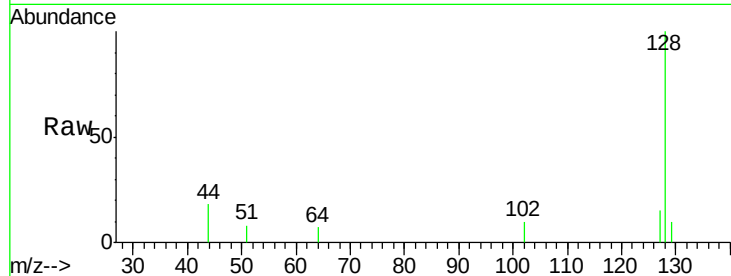
Tot Ion:128 Resp: 2770

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

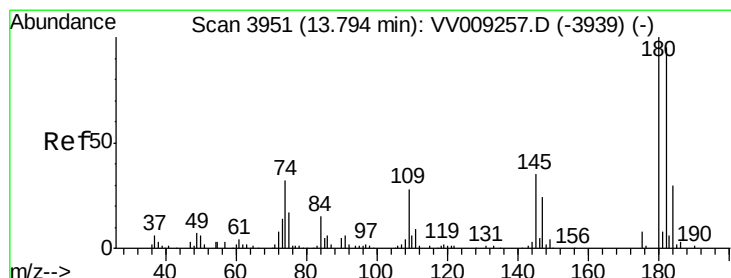
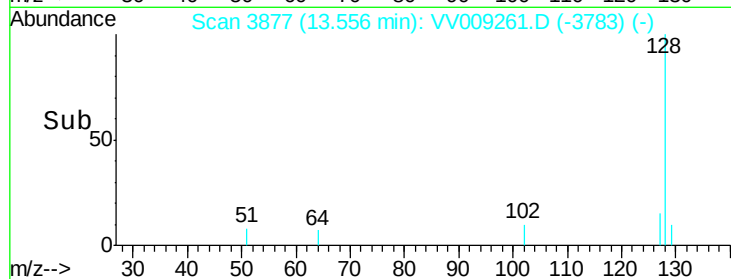
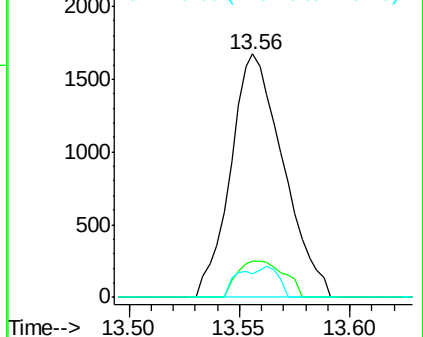
129 9.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.850 ug/l

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV009261.D

Acq: 24 Jan 2019 16:07

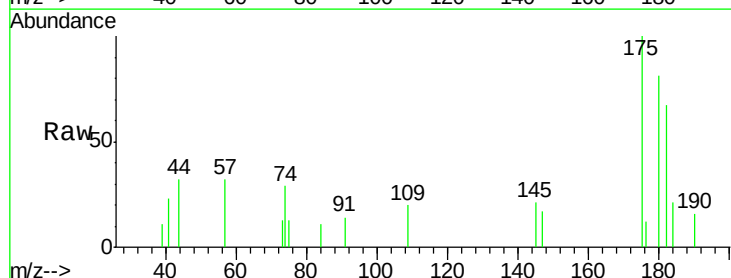
Tgt Ion:180 Resp: 1088

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 31.9 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

