

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005487.D
 Acq On : 18 Sep 2018 18:47
 Operator : SY/AP
 Sample : J4944-01RE
 Misc : 7.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

Quant Time: Sep 19 06:00:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	15289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	23035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	16394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4208	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	9312	58.68	ug/l	0.00
Spiked Amount			Recovery	=	117.36%	
35) Dibromofluoromethane	7.90	113	7300	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	
50) Toluene-d8	10.33	98	19532	33.02	ug/l	0.00
Spiked Amount			Recovery	=	66.04%	
62) 4-Bromofluorobenzene	12.62	95	14999	69.16	ug/l	0.00
Spiked Amount			Recovery	=	138.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.24	50	275	1.524	ug/l #	42
5) Bromomethane	2.78	94	53	Below Cal	#	10
6) Chloroethane	2.93	64	126	1.258	ug/l #	43
8) Diethyl Ether	3.70	74	67	1.007	ug/l #	26
11) Tert butyl alcohol	5.13	59	54	Below Cal	#	71
13) Acrolein	3.89	56	21	Below Cal	#	1
16) Acetone	4.16	43	1191	36.822	ug/l #	81
18) Methyl Acetate	4.69	43	161	2.111	ug/l #	54
25) 2-Butanone	7.21	43	41	1.074	ug/l #	49
31) Cyclohexane	7.96	56	409	1.615	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	1274	5.844	ug/l #	46
38) Carbon Tetrachloride	7.96	117	1605	7.065	ug/l #	21
51) 4-Methyl-2-Pentanone	10.43	43	157	1.763	ug/l	92
59) 2-Hexanone	10.98	43	169	2.786	ug/l #	27
61) 1,2-Dibromoethane	11.45	107	126	1.274	ug/l	83
69) o-Xylene	12.16	106	605	2.759	ug/l	88
71) Bromoform	12.57	173	64	1.088	ug/l #	1
73) Isopropylbenzene	12.47	105	5817	19.704	ug/l	82
74) N-amyl acetate	12.32	43	144	2.315	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.65	83	413	9.590	ug/l #	38
76) 1,2,3-Trichloropropane	12.62	75	3196	92.344	ug/l #	100
78) n-propylbenzene	12.63	91	44651	125.321	ug/l #	72
79) 2-Chlorotoluene	13.03	91	5785	27.522	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.98	105	363	1.409	ug/l	83
81) trans-1,4-Dichloro-2-buten	12.47	75	328	24.584	ug/l #	1
82) 4-Chlorotoluene	12.99	91	250	1.127	ug/l #	56
83) tert-Butylbenzene	13.21	119	1737	8.119	ug/l	89
84) 1,2,4-Trimethylbenzene	13.37	105	805	3.078	ug/l	71
85) sec-Butylbenzene	13.37	105	805	2.604	ug/l	81
86) p-Isopropyltoluene	13.51	119	2368	8.565	ug/l #	38
87) 1,3-Dichlorobenzene	13.49	146	299	2.112	ug/l #	34
88) 1,4-Dichlorobenzene	13.60	146	350	2.511	ug/l #	42
89) n-Butylbenzene	13.73	91	59437	230.873	ug/l	80
90) Hexachloroethane	14.23	117	25058	528.979	ug/l #	8

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QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

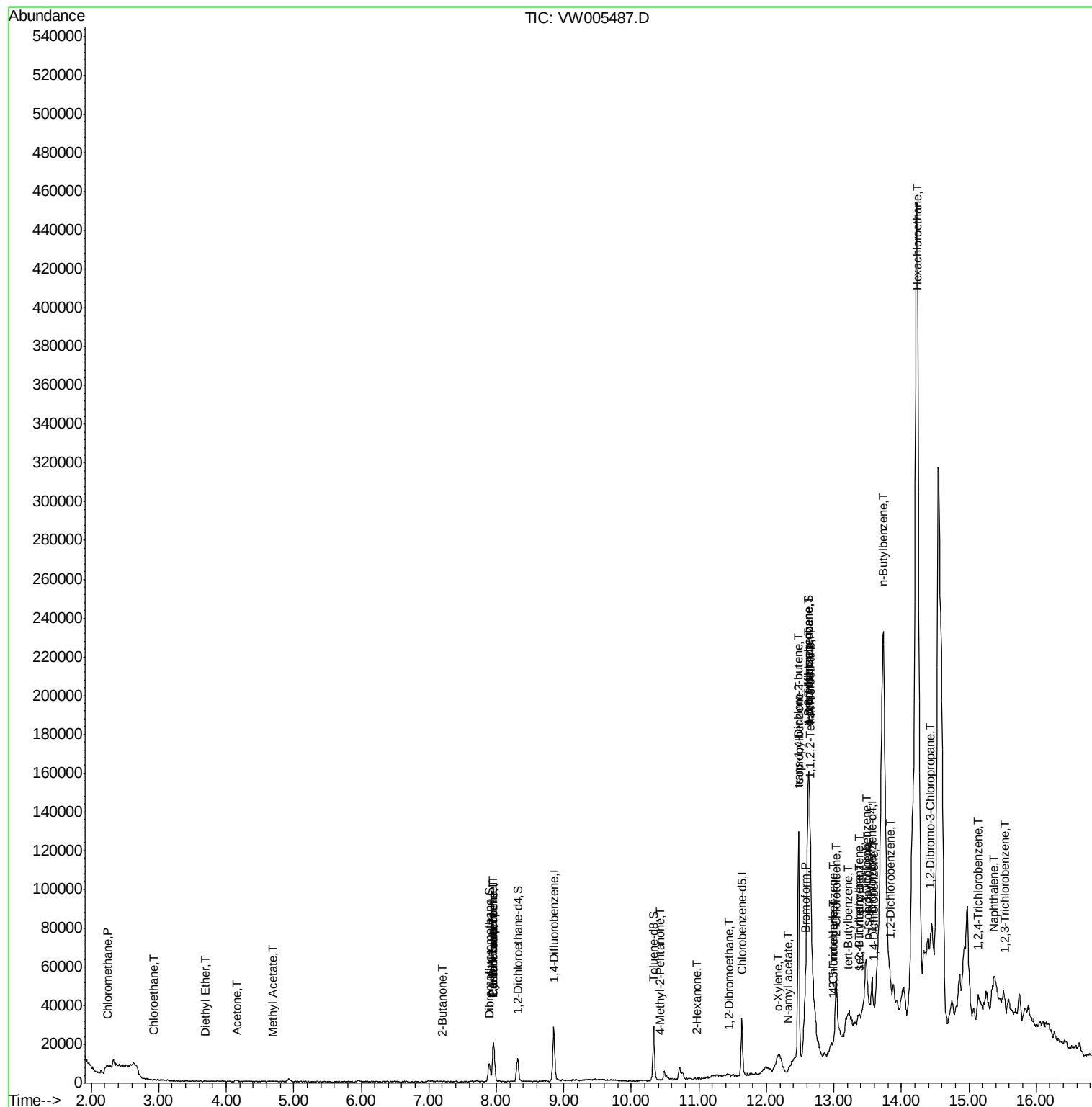
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.85	146	318	2.571	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	14.43	75	165	19.948	ug/l	82
93) 1,2,4-Trichlorobenzene	15.15	180	427	5.173	ug/l #	57
95) Naphthalene	15.36	128	1393	10.128	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.54	180	491	6.816	ug/l #	23

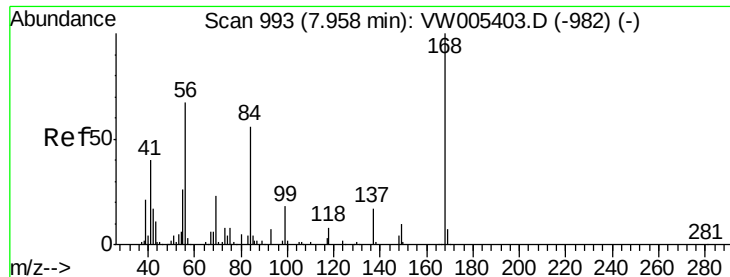
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

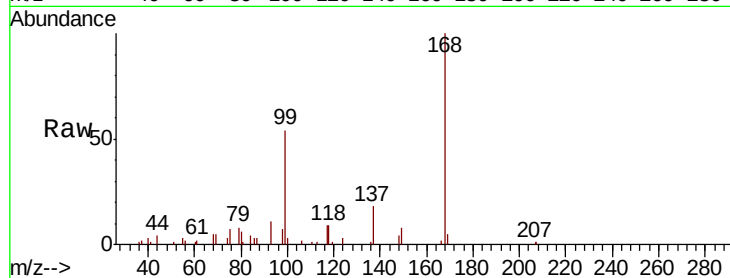
RB48377RT

Tgt Ion:168 Resp: 15289

Ion Ratio Lower Upper

168 100

99 54.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

6000

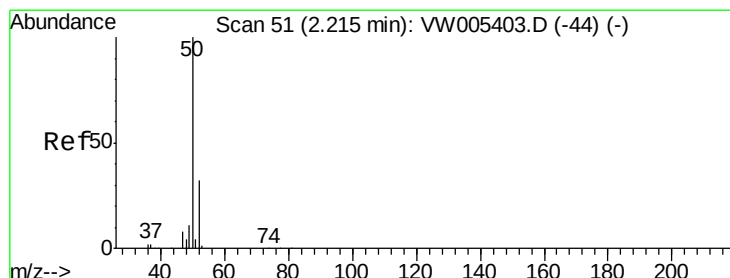
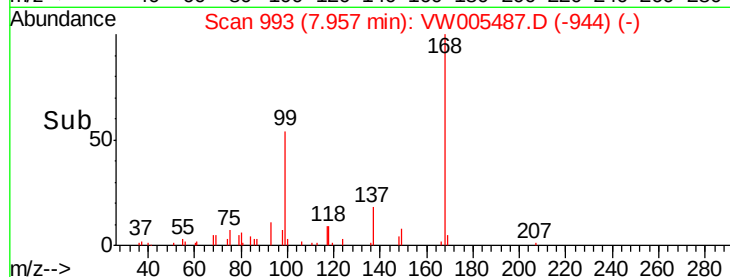
4000

2000

0

7.90 8.00 8.10

Time-->



#3

Chloromethane

Concen: 1.524 ug/l

RT: 2.24 min Scan# 55

Delta R.T. 0.02 min

Lab File: VW005487.D

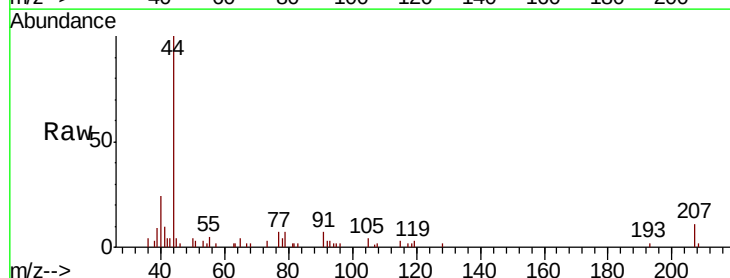
Acq: 18 Sep 2018 18:47

Tgt Ion: 50 Resp: 275

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.24

150

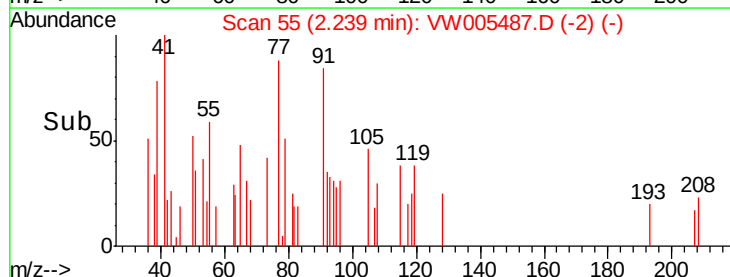
100

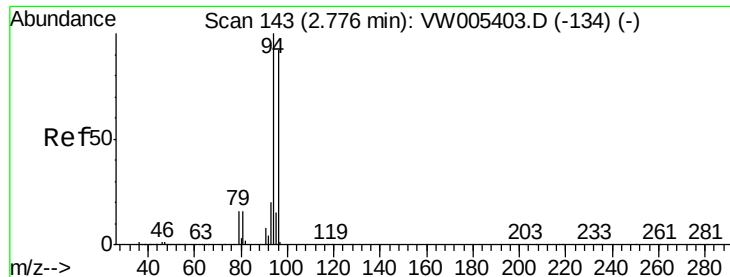
50

0

2.20 2.25

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampled :

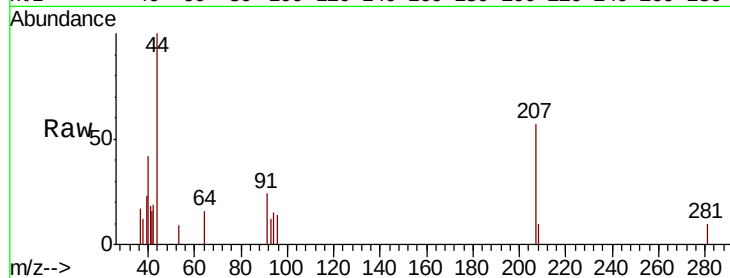
RB48377RT

Tgt Ion: 94 Resp: 53

Ion Ratio Lower Upper

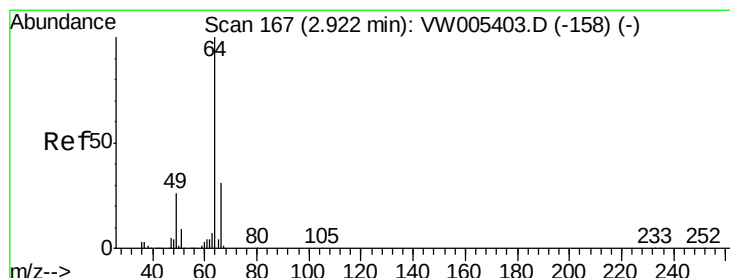
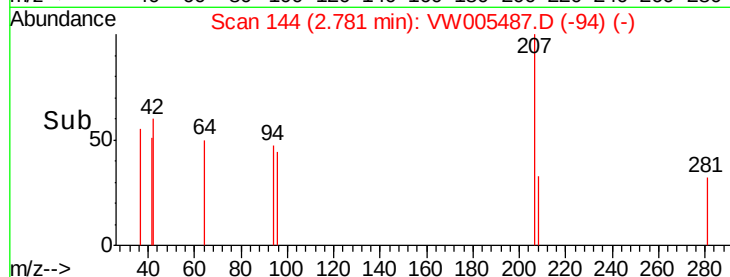
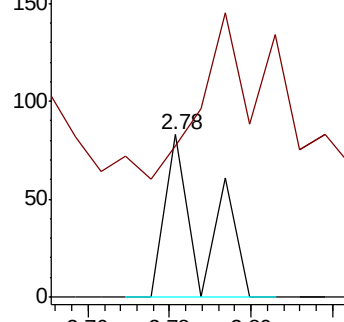
94 100

96 6.0 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 1.258 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW005487.D

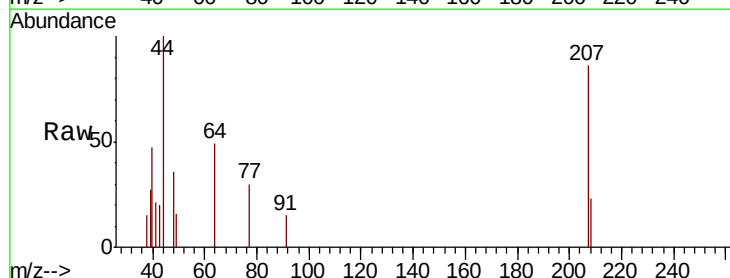
Acq: 18 Sep 2018 18:47

Tgt Ion: 64 Resp: 126

Ion Ratio Lower Upper

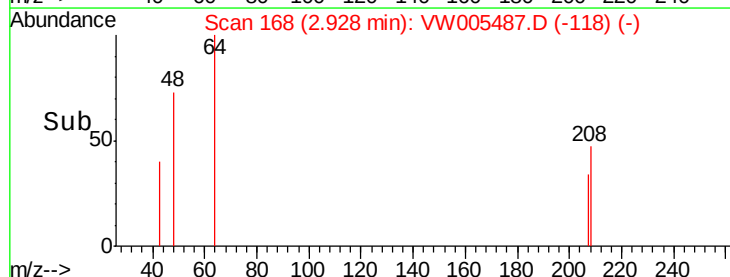
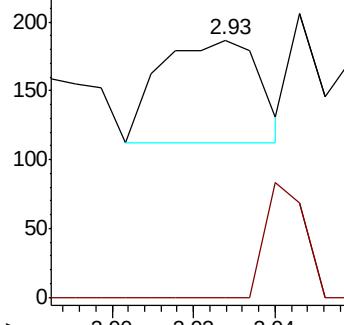
64 100

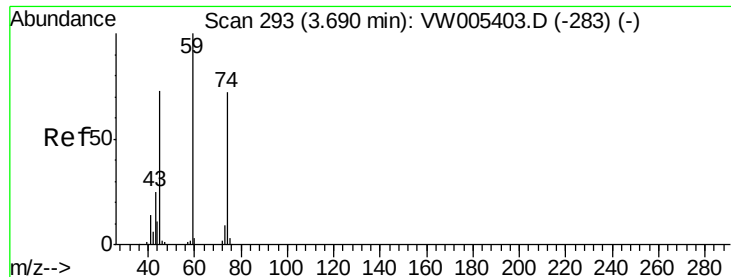
66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#8

Diethyl Ether

Concen: 1.007 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

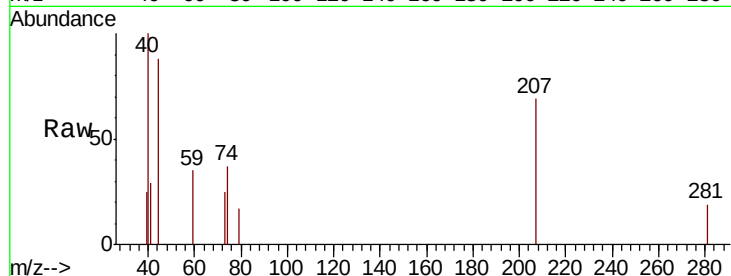
RB48377RT

Tgt Ion: 74 Resp: 67

Ion Ratio Lower Upper

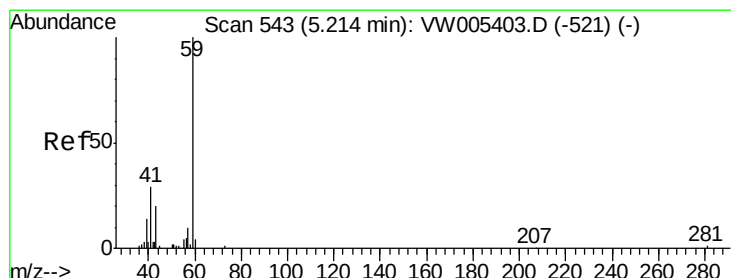
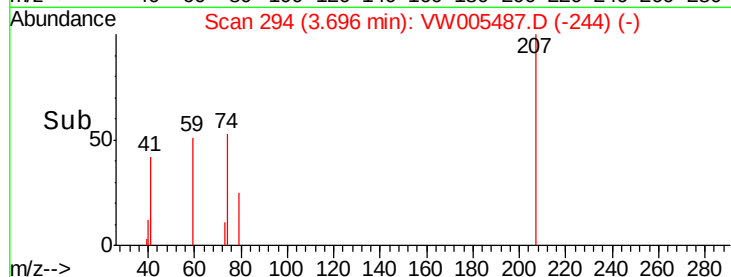
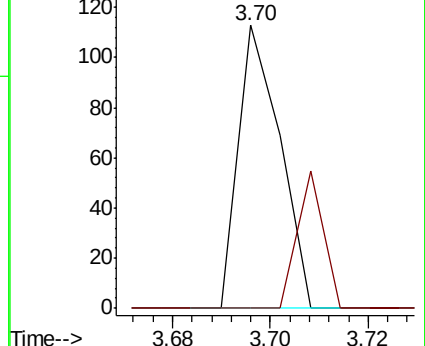
74 100

45 29.9 53.1 159.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.08 min

Lab File: VW005487.D

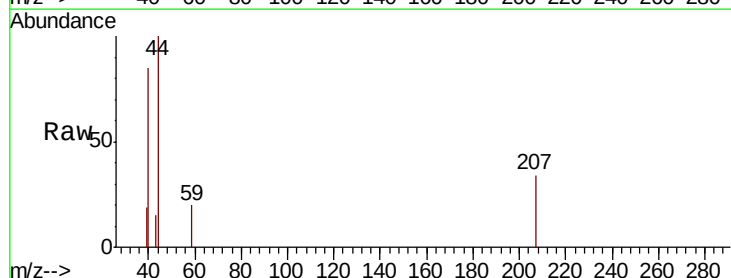
Acq: 18 Sep 2018 18:47

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

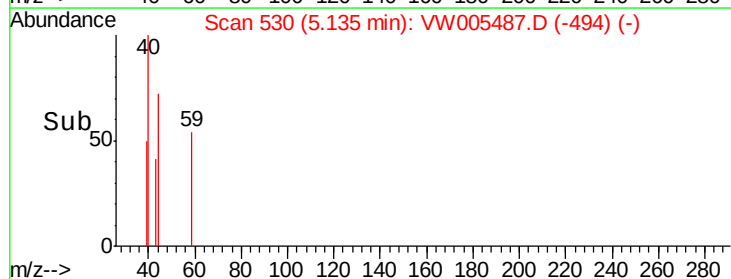
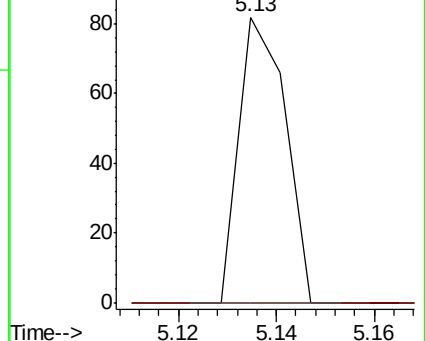
59 100

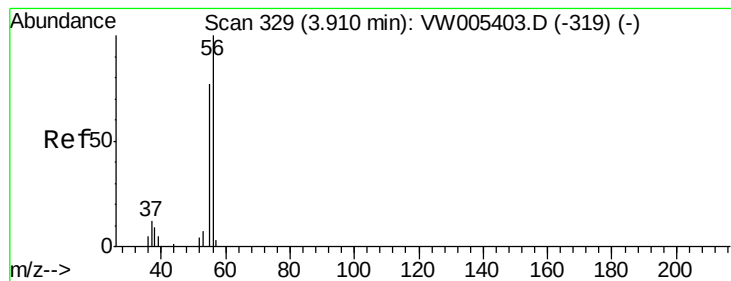
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 326

Delta R.T. -0.02 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

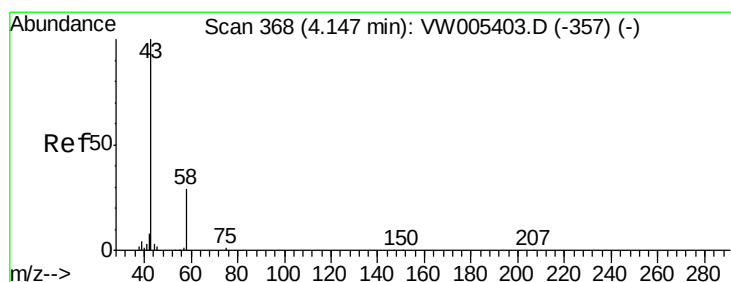
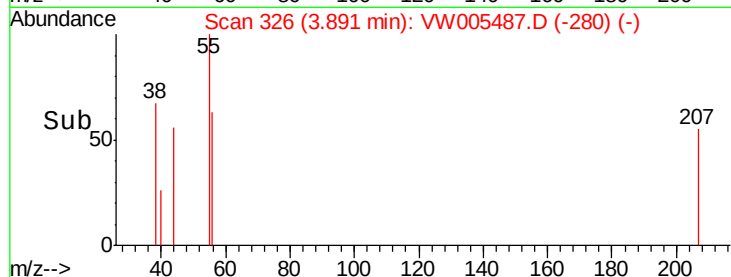
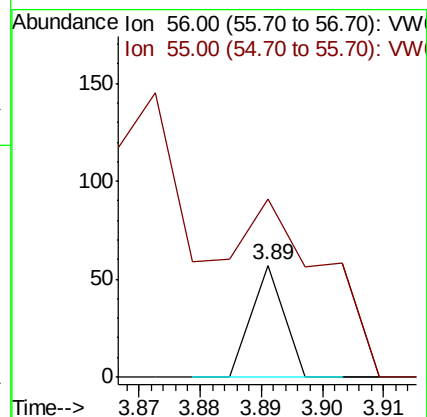
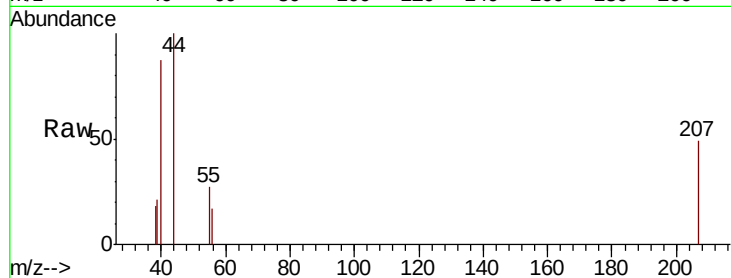
RB48377RT

Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 881.0 59.8 89.8#



#16

Acetone

Concen: 36.822 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW005487.D

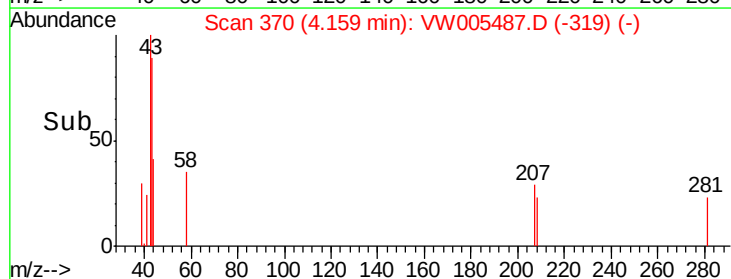
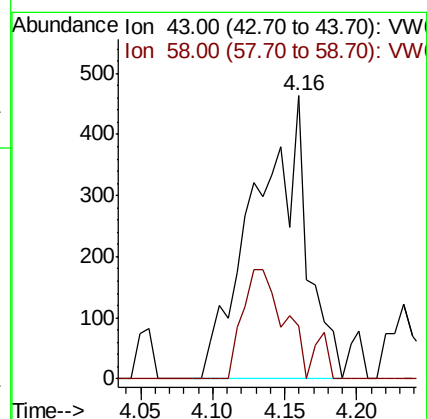
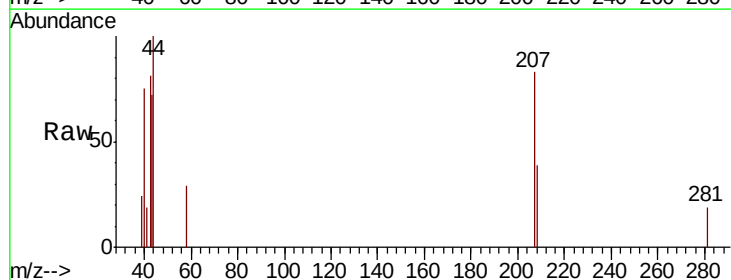
Acq: 18 Sep 2018 18:47

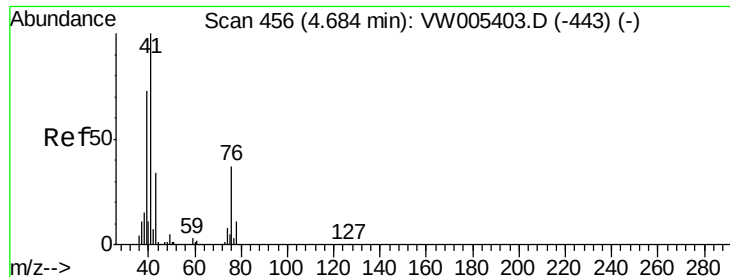
Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

43 100

58 18.6 22.8 34.2#

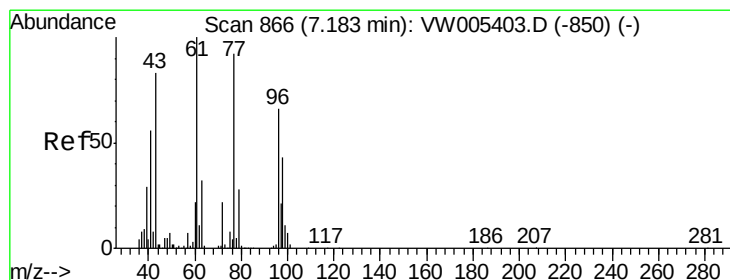
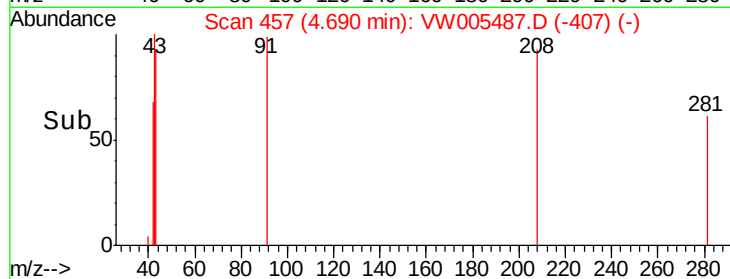
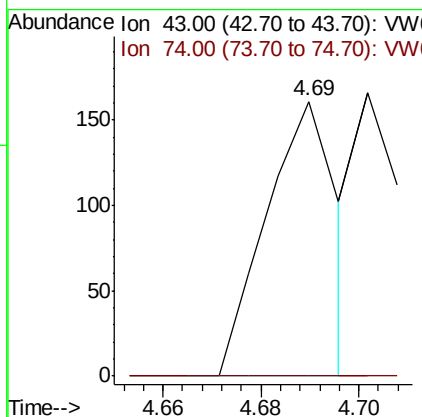
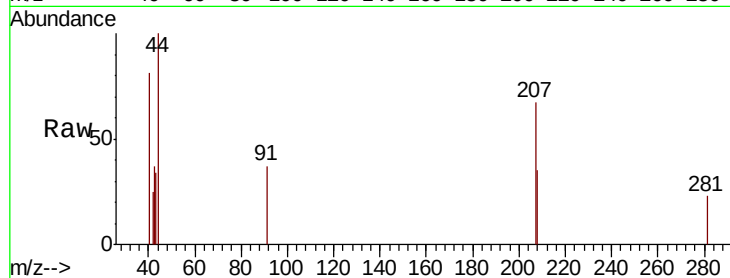




#18
Methyl Acetate
Concen: 2.111 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

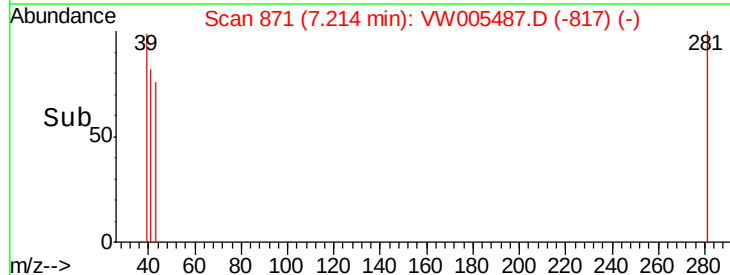
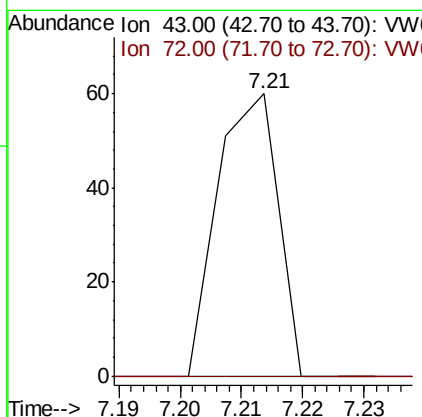
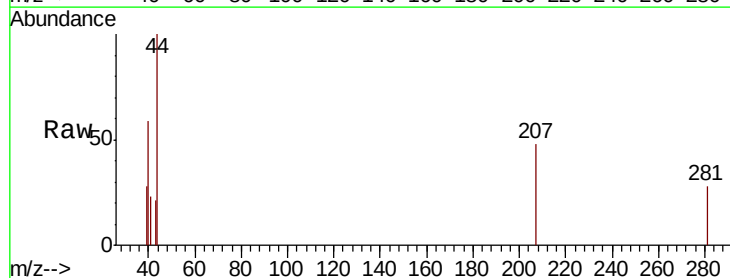
Instrument :
MSVOA_W
ClientSampled :
RB48377RT

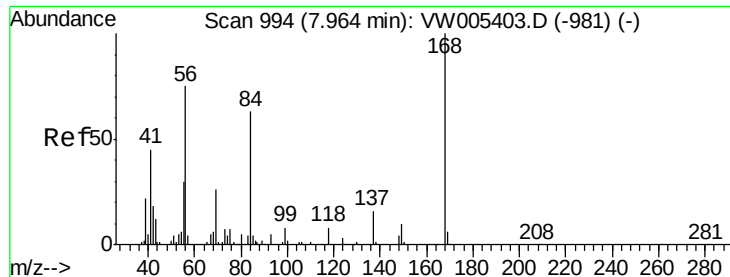
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#25
2-Butanone
Concen: 1.074 ug/l
RT: 7.21 min Scan# 871
Delta R.T. 0.03 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

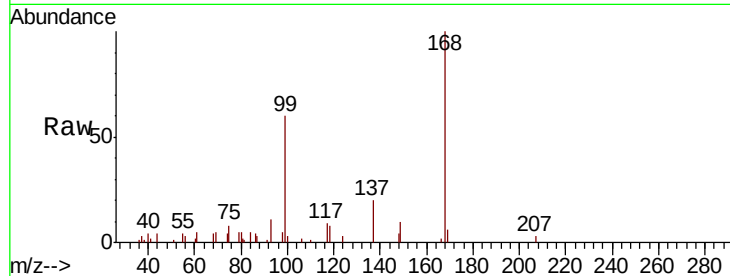




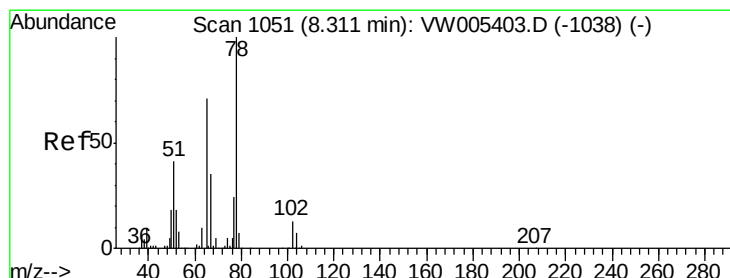
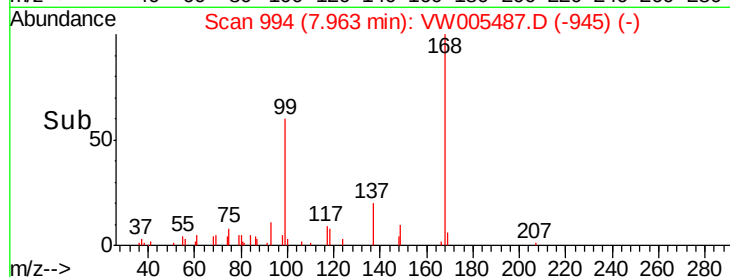
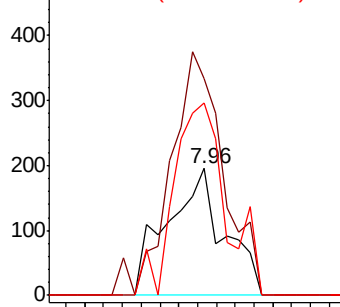
#31
Cyclohexane
Concen: 1.615 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Instrument :
MSVOA_W
ClientSampled :
RB48377RT

Tgt Ion: 56 Resp: 409
Ion Ratio Lower Upper
56 100
69 171.3 27.2 40.8#
84 151.8 66.7 100.1#

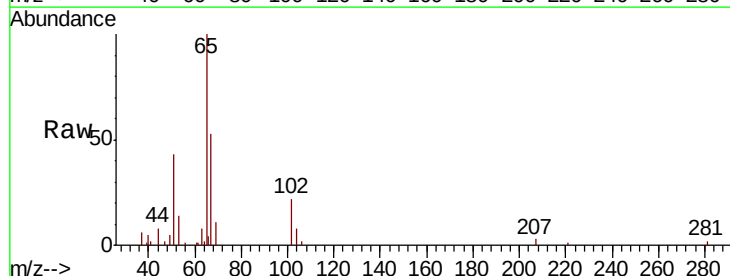


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

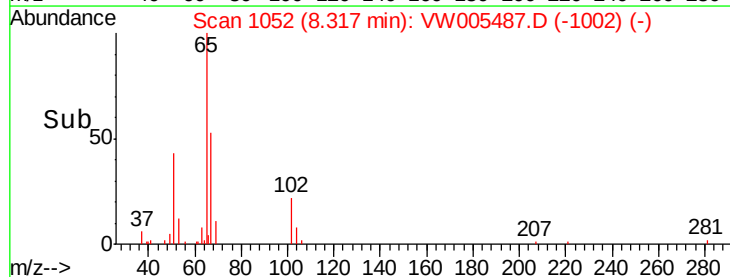
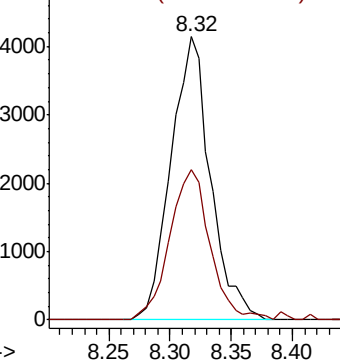


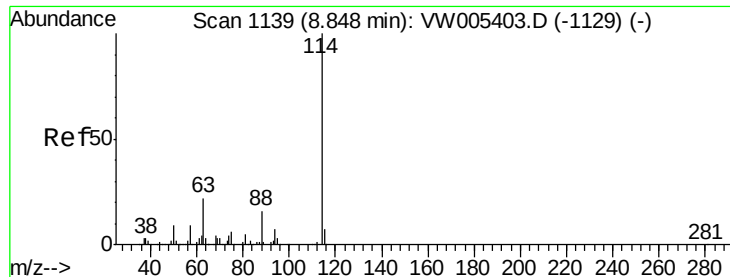
#33
1,2-Dichloroethane-d4
Concen: 58.676 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Tgt Ion: 65 Resp: 9312
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

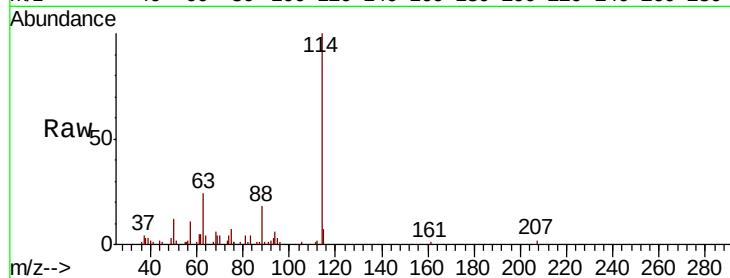




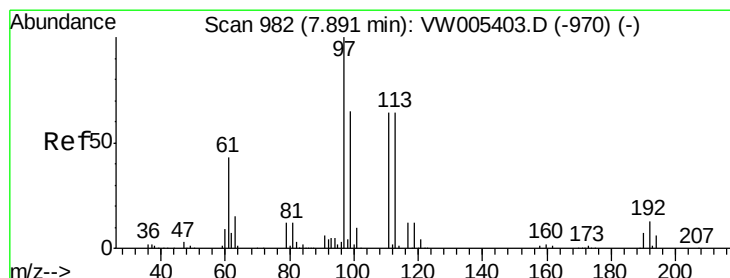
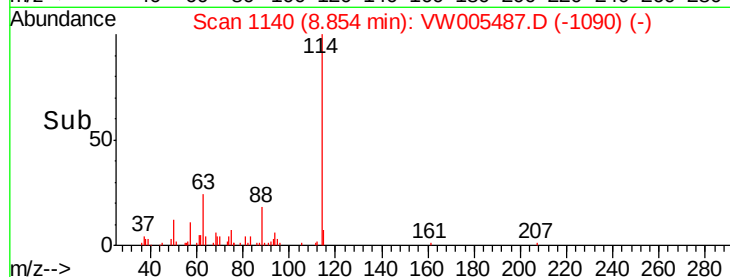
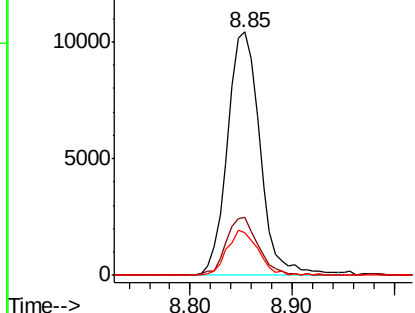
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Instrument :
 MSVOA_W
 ClientSampleID :
 RB48377RT

Tgt Ion:114 Resp: 23035
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 43.4
 88 17.7 0.0 31.8

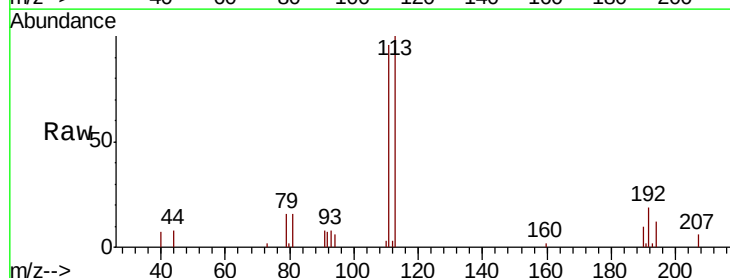


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

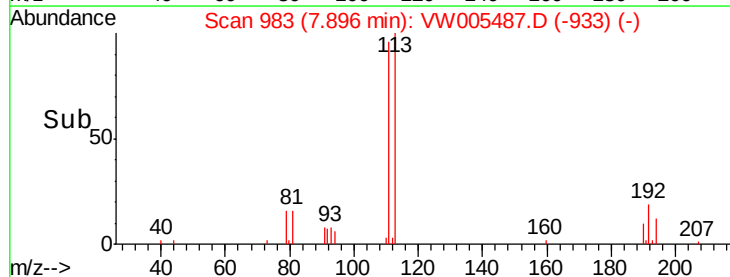
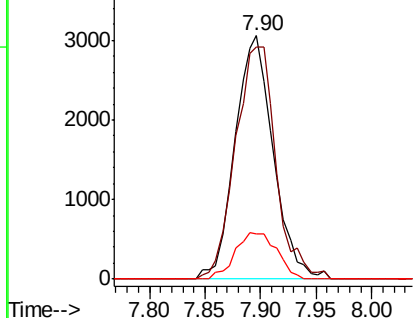


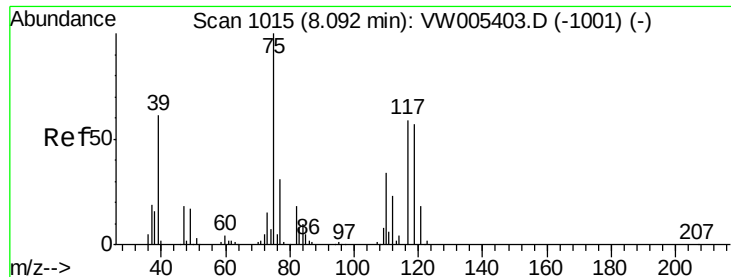
#35
 Dibromofluoromethane
 Concen: 56.522 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion:113 Resp: 7300
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.3 123.5
 192 20.5 16.5 24.7



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

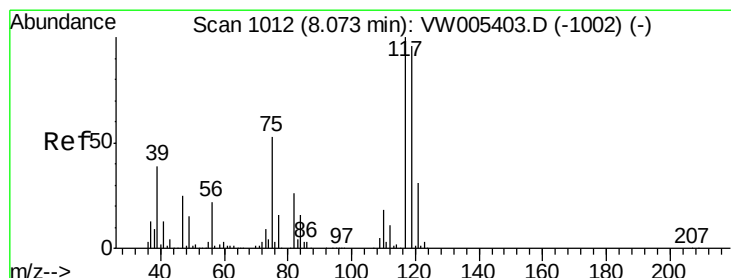
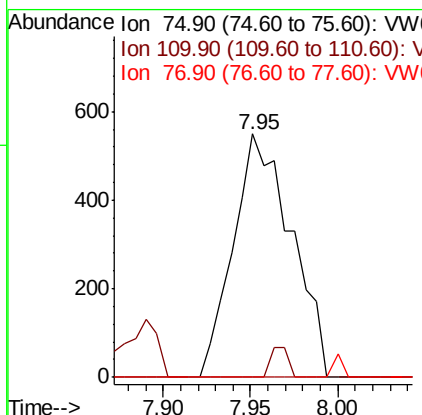
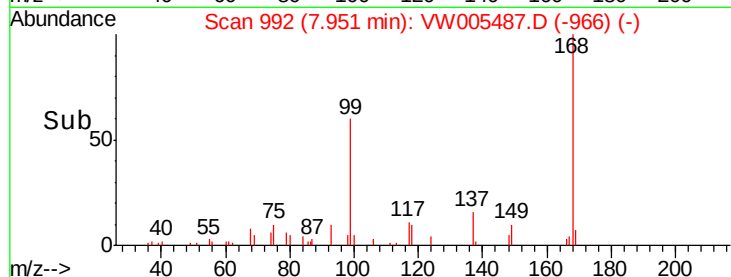
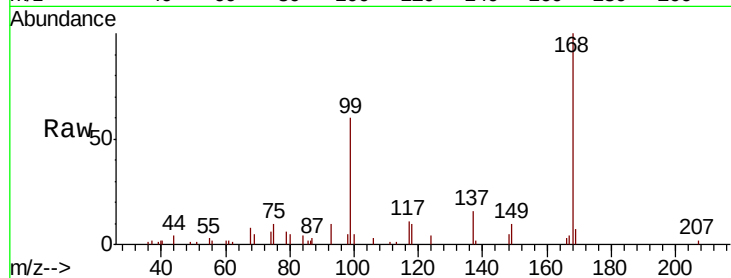




#36
 1,1-Dichloropropene
 Concen: 5.844 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

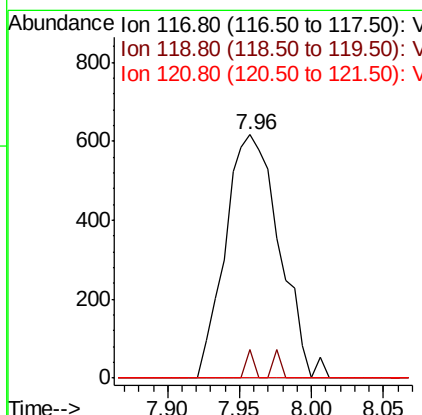
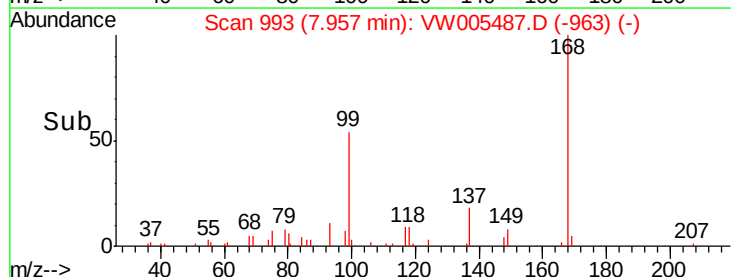
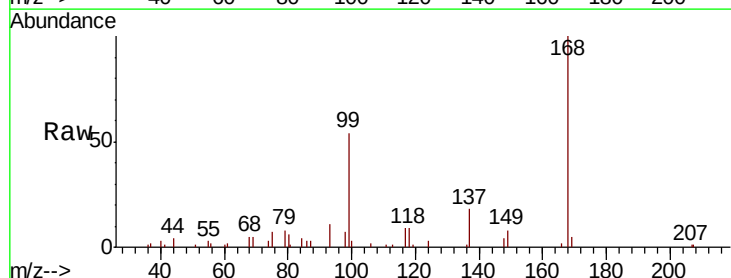
Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

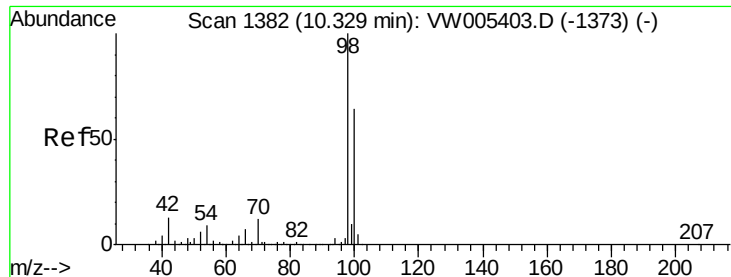
Tgt Ion: 75 Resp: 1274
 Ion Ratio Lower Upper
 75 100
 110 3.8 16.8 50.4#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 7.065 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion: 117 Resp: 1605
 Ion Ratio Lower Upper
 117 100
 119 11.7 76.8 115.2#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 33.023 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

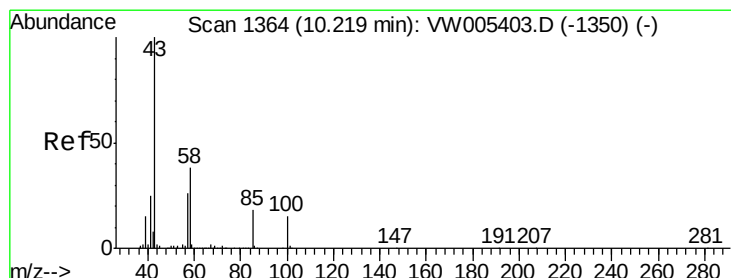
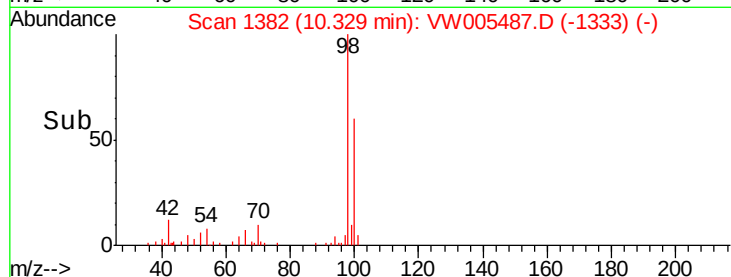
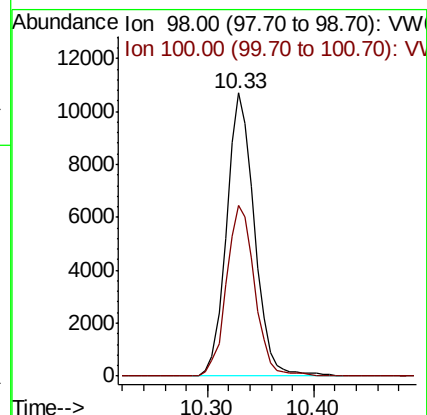
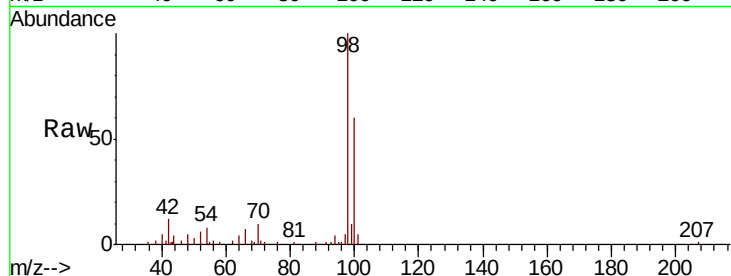
RB48377RT

Tgt Ion: 98 Resp: 19532

Ion Ratio Lower Upper

98 100

100 61.4 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.763 ug/l

RT: 10.43 min Scan# 1398

Delta R.T. 0.21 min

Lab File: VW005487.D

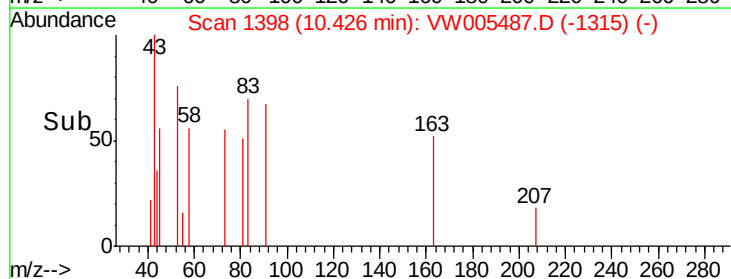
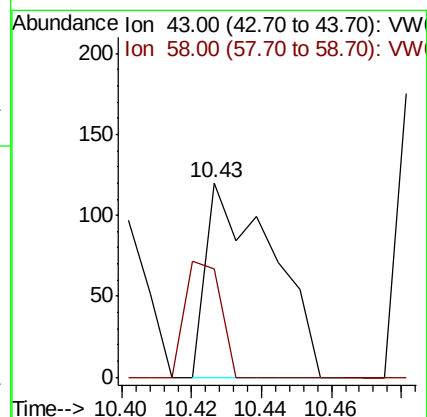
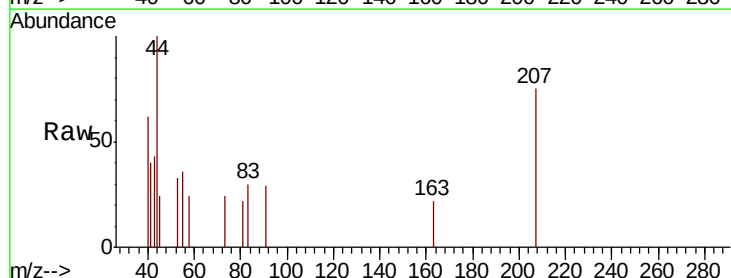
Acq: 18 Sep 2018 18:47

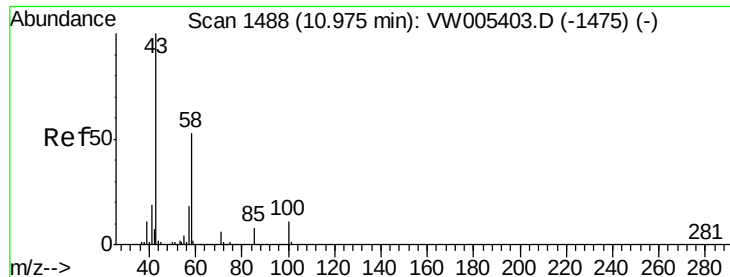
Tgt Ion: 43 Resp: 157

Ion Ratio Lower Upper

43 100

58 32.5 29.9 44.9

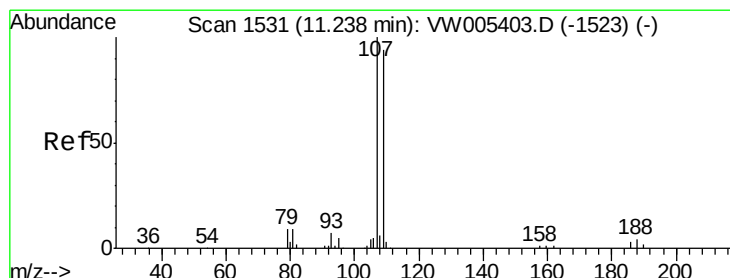
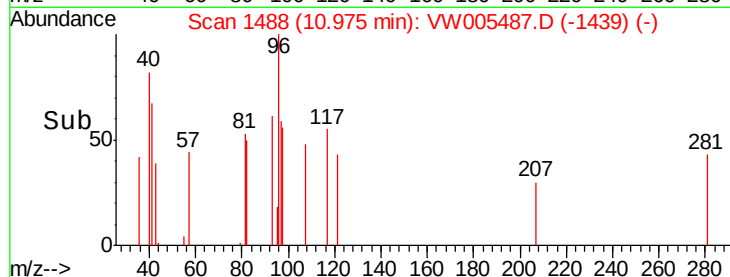
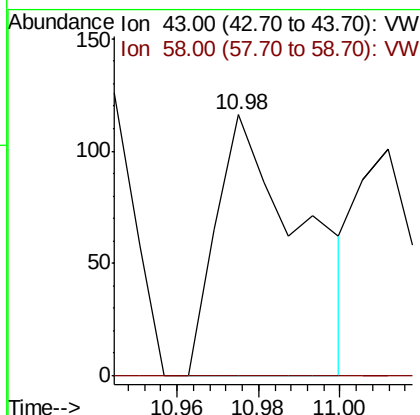
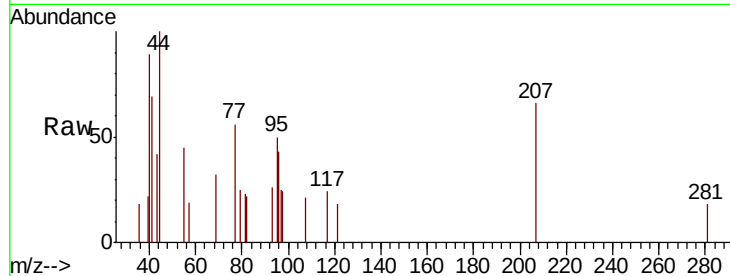




#59
 2-Hexanone
 Concen: 2.786 ug/l
 RT: 10.98 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

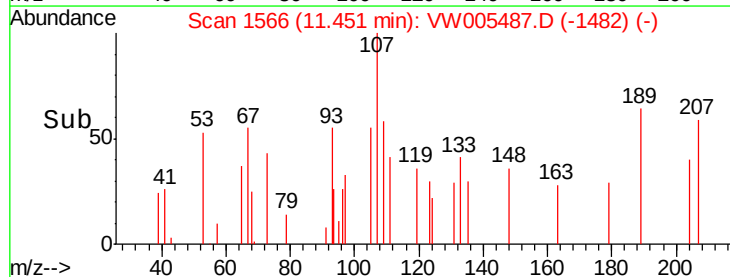
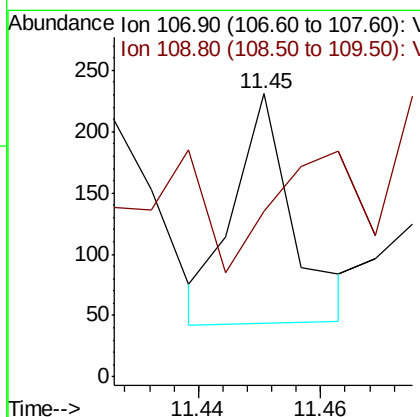
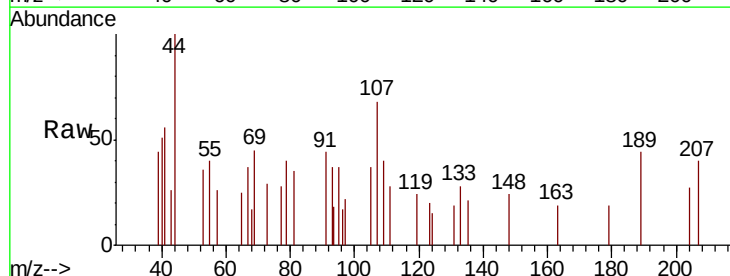
Instrument :
 MSVOA_W
 ClientSampled :
 RB48377RT

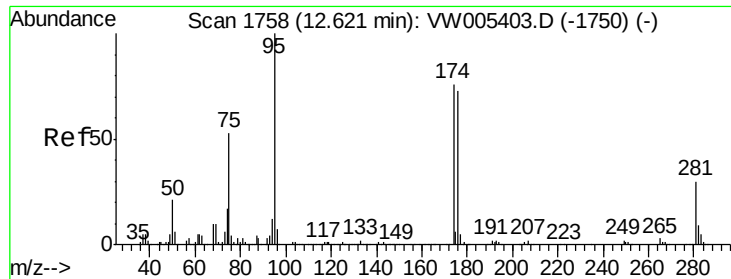
Tgt Ion: 43 Resp: 169
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.5 76.5#



#61
 1,2-Dibromoethane
 Concen: 1.274 ug/l
 RT: 11.45 min Scan# 1566
 Delta R.T. 0.21 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion: 107 Resp: 126
 Ion Ratio Lower Upper
 107 100
 109 77.0 75.0 112.6

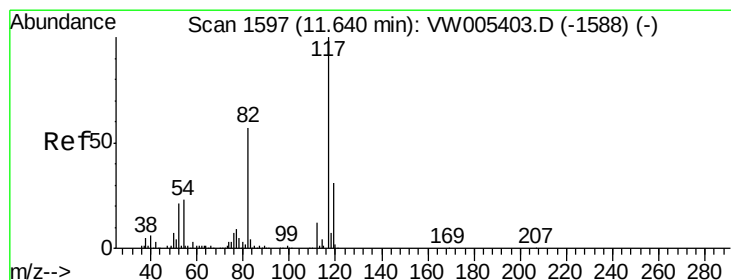
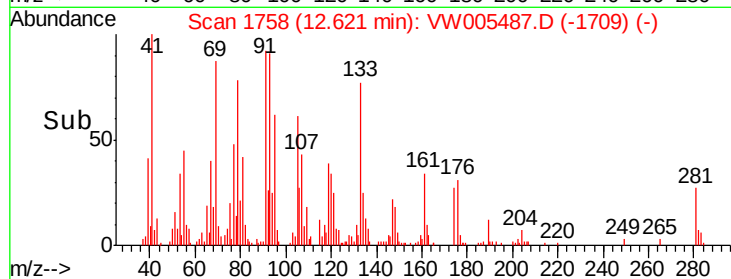
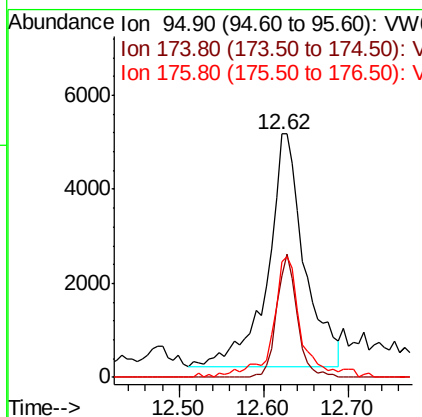
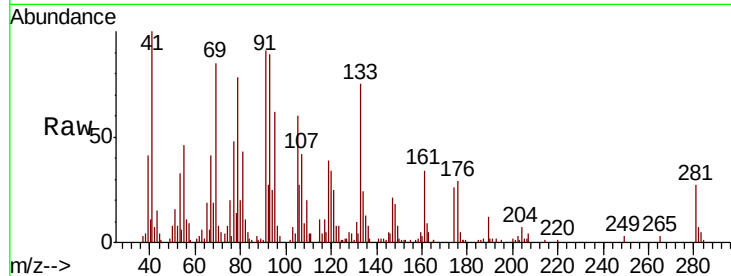




#62
4-Bromofluorobenzene
Concen: 69.161 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

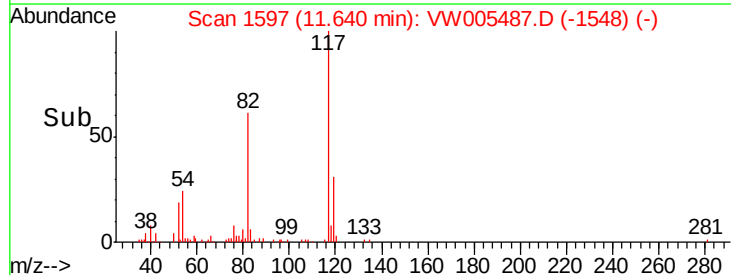
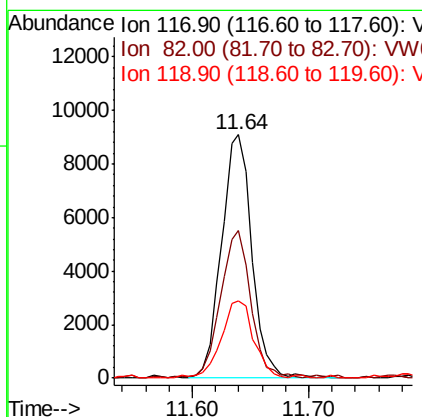
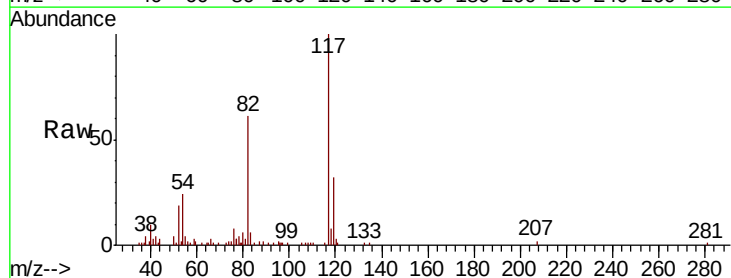
Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

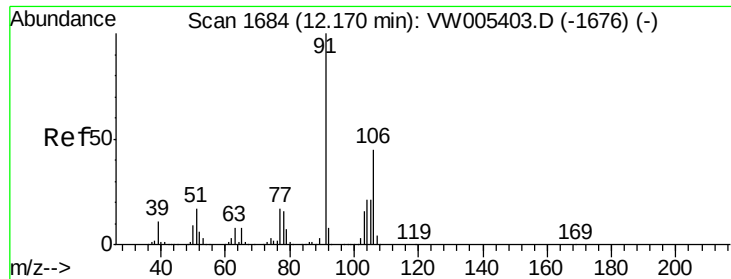
Tgt Ion: 95 Resp: 14999
Ion Ratio Lower Upper
95 100
174 29.6 0.0 161.2
176 38.3 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Tgt Ion: 117 Resp: 16394
Ion Ratio Lower Upper
117 100
82 59.9 45.9 68.9
119 31.9 24.8 37.2

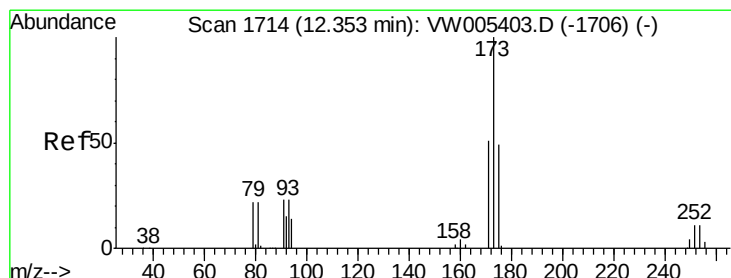
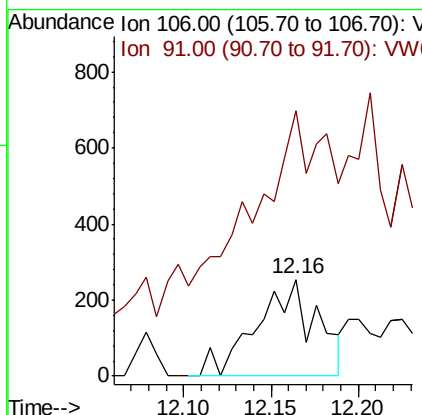
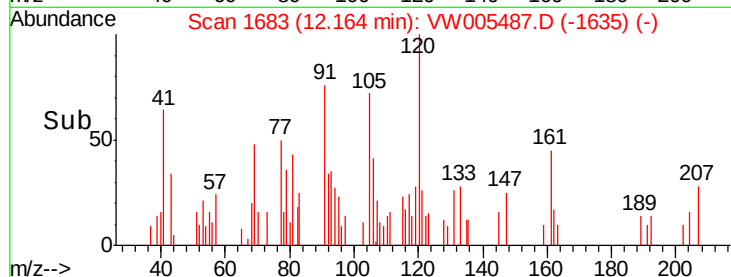
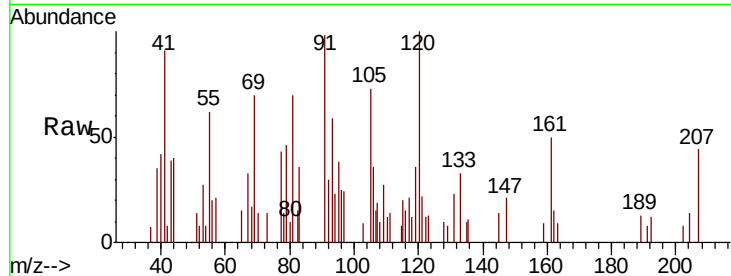




#69
o-Xylene
Concen: 2.759 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

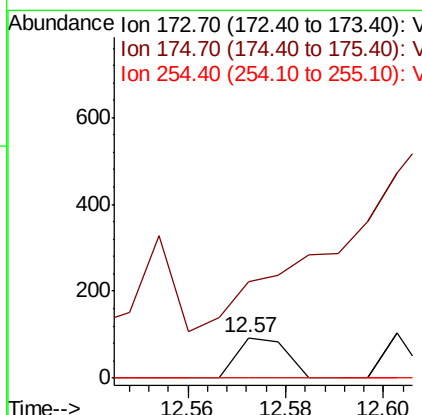
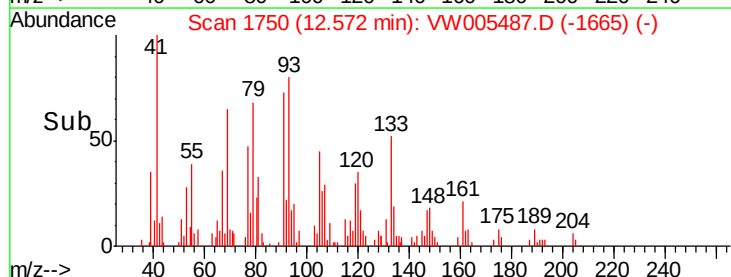
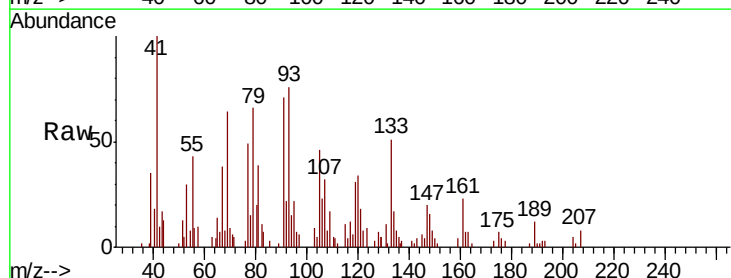
Instrument :
MSVOA_W
ClientSampled :
RB48377RT

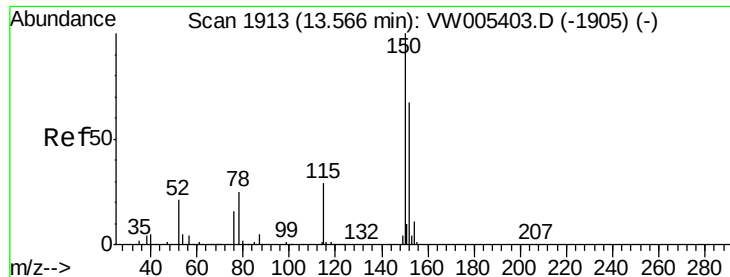
Tgt Ion:106 Resp: 605
Ion Ratio Lower Upper
106 100
91 202.0 110.6 331.6



#71
Bromoform
Concen: 1.088 ug/l
RT: 12.57 min Scan# 1750
Delta R.T. 0.22 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Tgt Ion:173 Resp: 64
Ion Ratio Lower Upper
173 100
175 645.3 24.2 72.6#
254 0.0 0.0 0.0

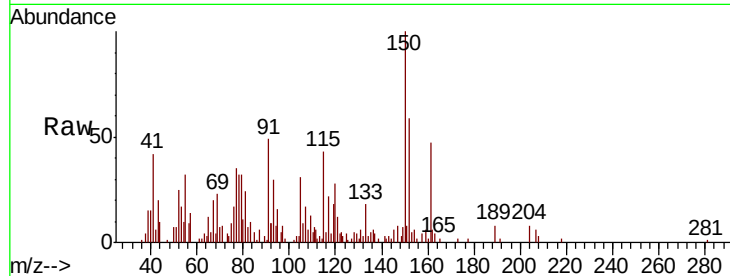




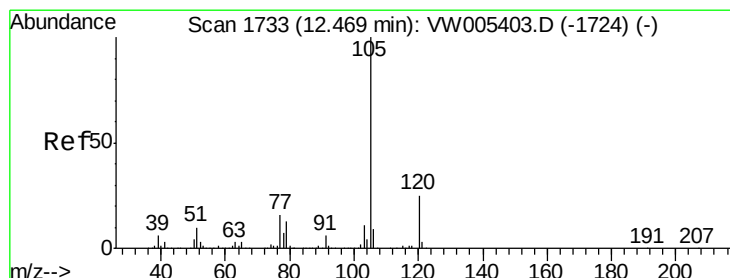
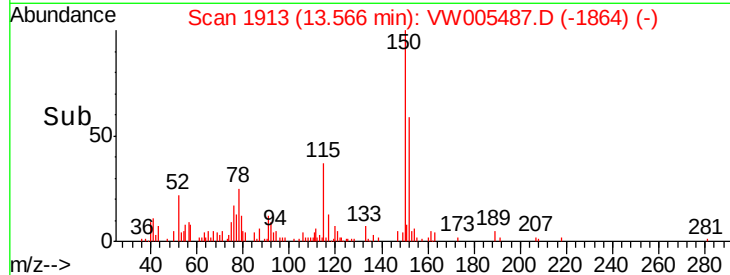
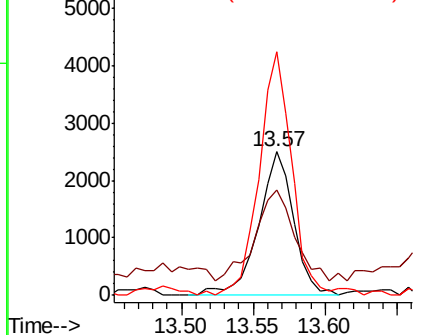
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

Tgt Ion:152 Resp: 4208
 Ion Ratio Lower Upper
 152 100
 115 70.9 29.5 88.5
 150 156.2 0.0 345.6

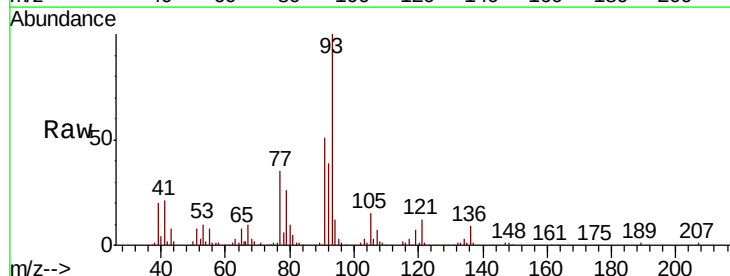


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

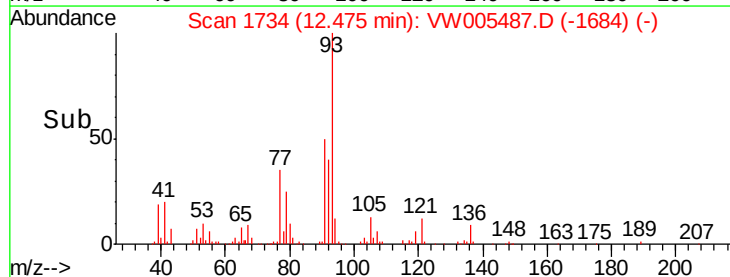
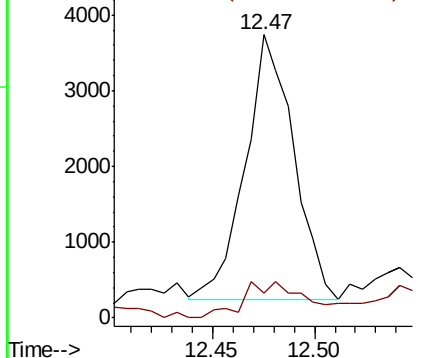


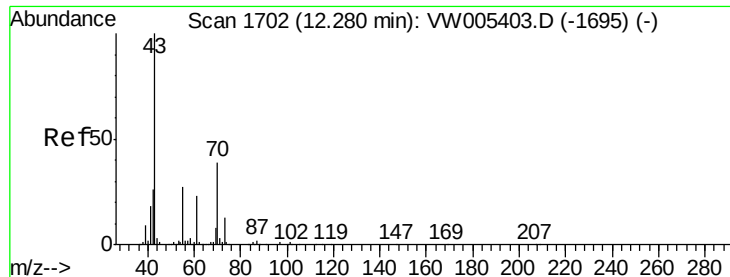
#73
 Isopropylbenzene
 Concen: 19.704 ug/l
 RT: 12.47 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion:105 Resp: 5817
 Ion Ratio Lower Upper
 105 100
 120 16.6 12.9 38.6



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





#74

N-amyI acetate

Concen: 2.315 ug/l

RT: 12.32 min Scan# 1709

Delta R.T. 0.04 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampled :

RB48377RT

Tgt Ion: 43 Resp: 144

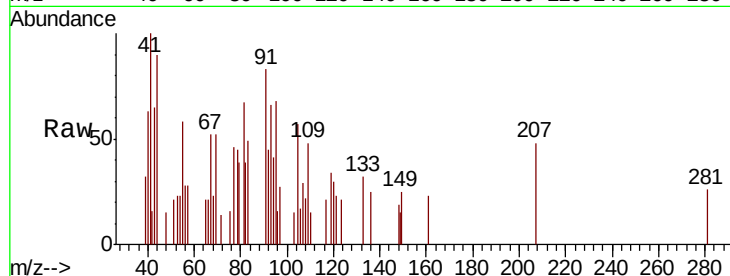
Ion Ratio Lower Upper

43 100

70 0.0 31.9 47.9#

55 160.4 21.4 32.0#

61 0.0 18.3 27.5#

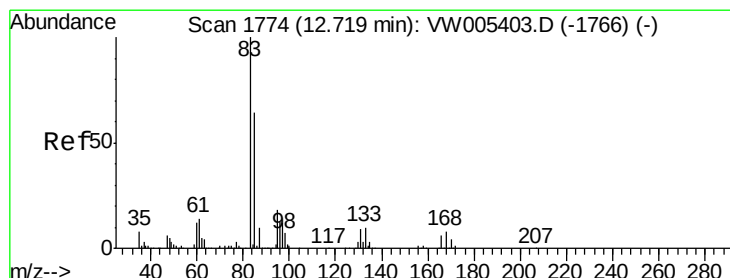
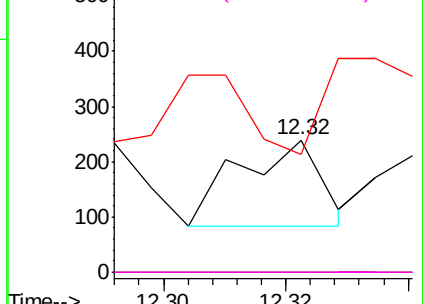
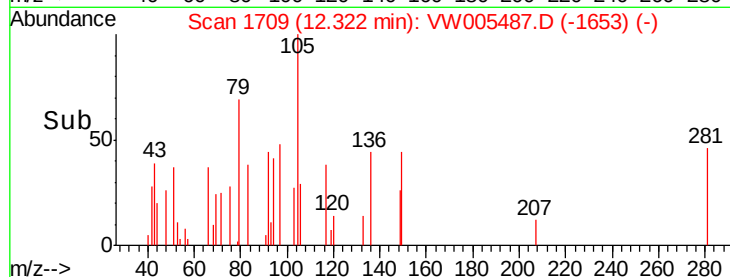


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 9.590 ug/l

RT: 12.65 min Scan# 1763

Delta R.T. -0.07 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

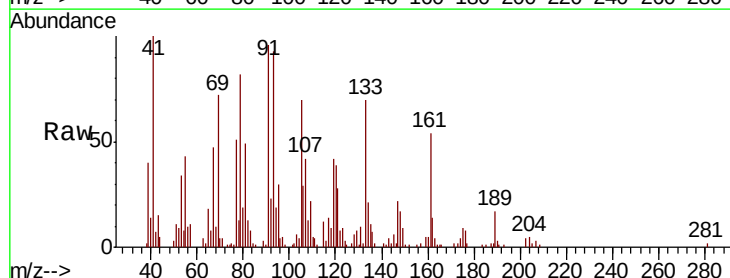
Tgt Ion: 83 Resp: 413

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

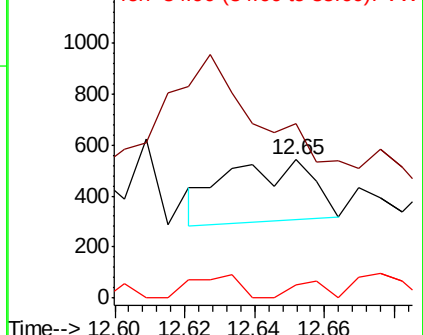
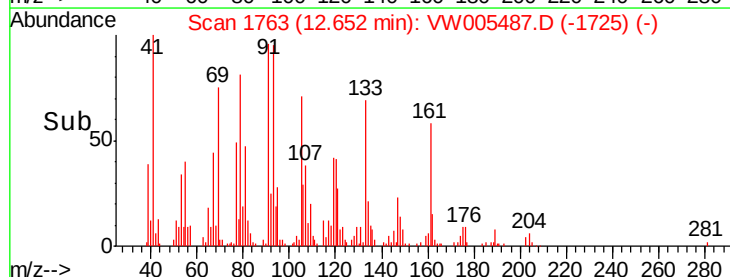
85 10.7 31.6 95.0#

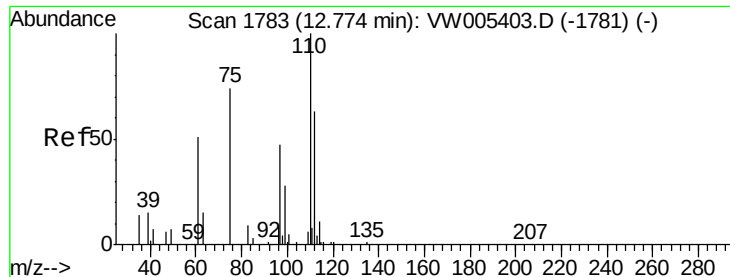


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 92.344 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampled :

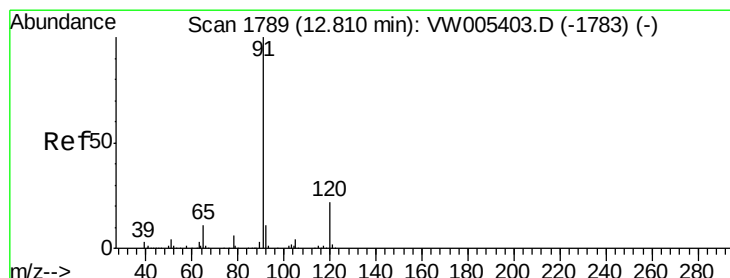
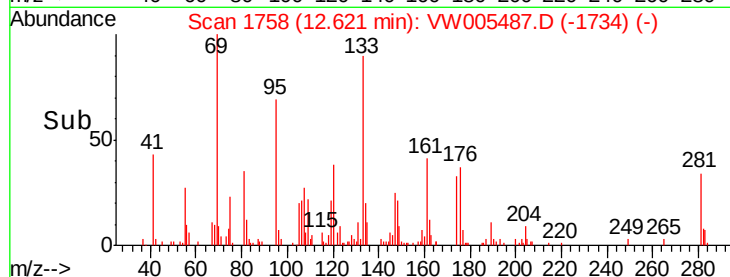
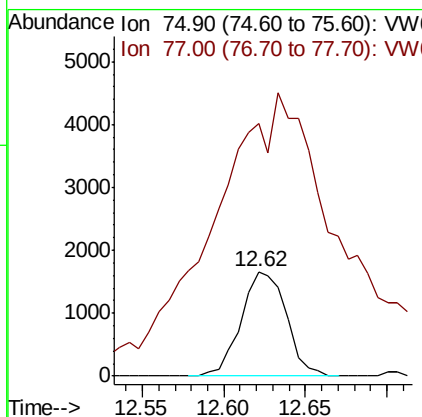
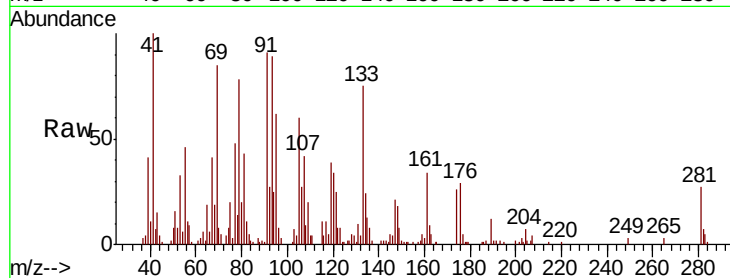
RB48377RT

Tgt Ion: 75 Resp: 3196

Ion Ratio Lower Upper

75 100

77 658.9 0.0 0.0#



#78

n-propylbenzene

Concen: 125.321 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. -0.18 min

Lab File: VW005487.D

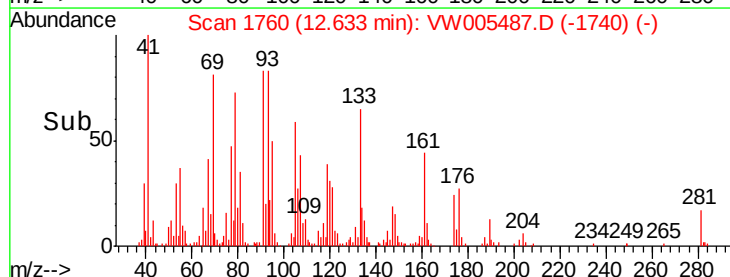
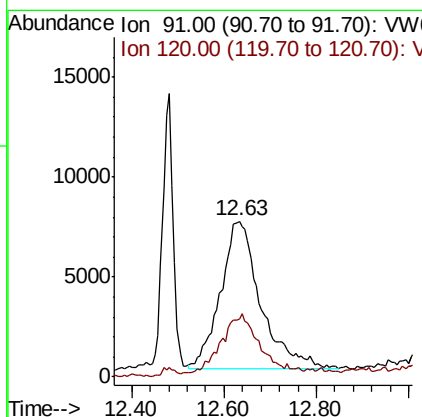
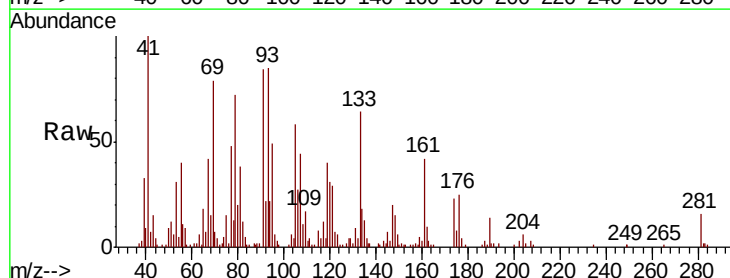
Acq: 18 Sep 2018 18:47

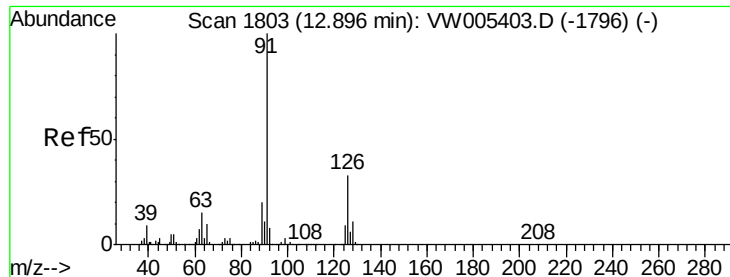
Tgt Ion: 91 Resp: 44651

Ion Ratio Lower Upper

91 100

120 36.1 11.3 33.8#





#79

2-Chlorotoluene

Concen: 27.522 ug/l

RT: 13.03 min Scan# 1825

Delta R.T. 0.13 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

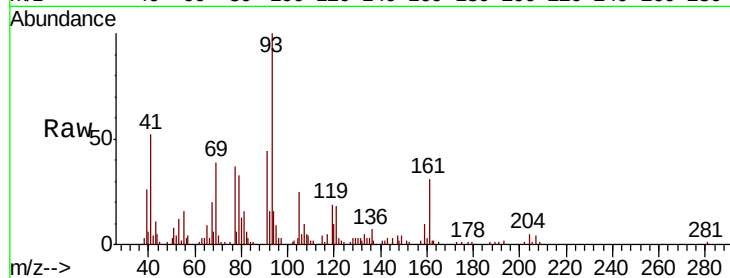
RB48377RT

Tgt Ion: 91 Resp: 5785

Ion Ratio Lower Upper

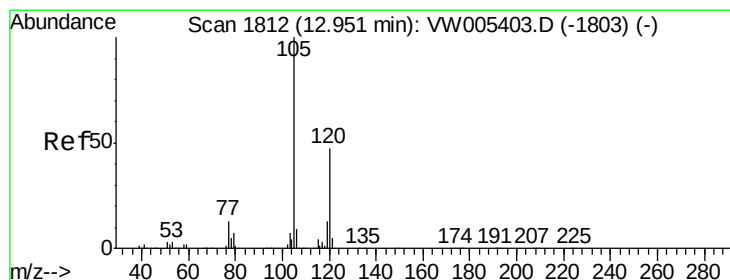
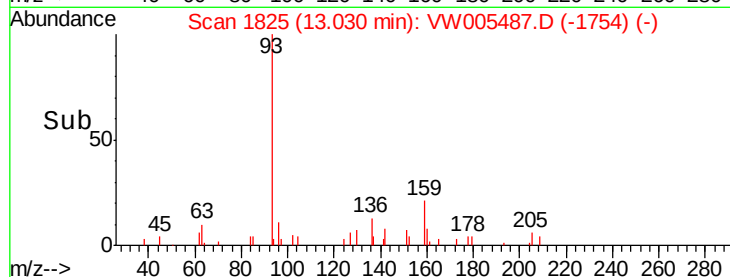
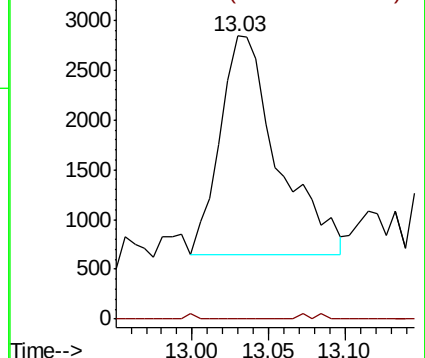
91 100

126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.409 ug/l

RT: 12.98 min Scan# 1817

Delta R.T. 0.03 min

Lab File: VW005487.D

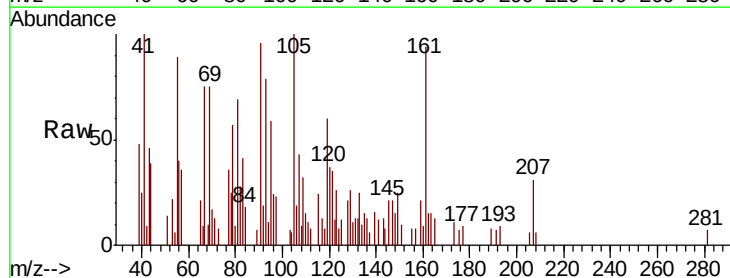
Acq: 18 Sep 2018 18:47

Tgt Ion: 105 Resp: 363

Ion Ratio Lower Upper

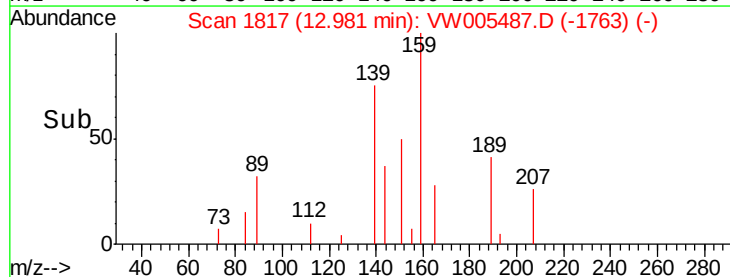
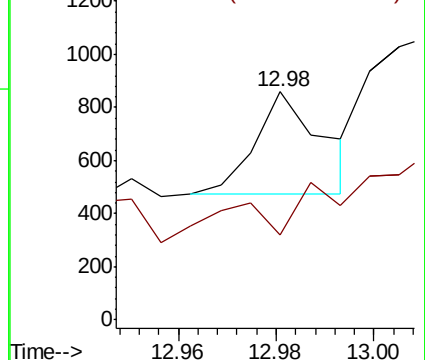
105 100

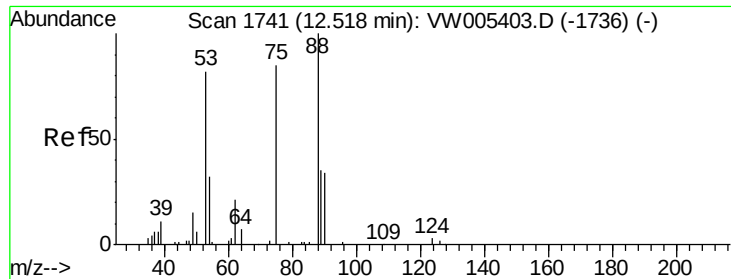
120 35.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

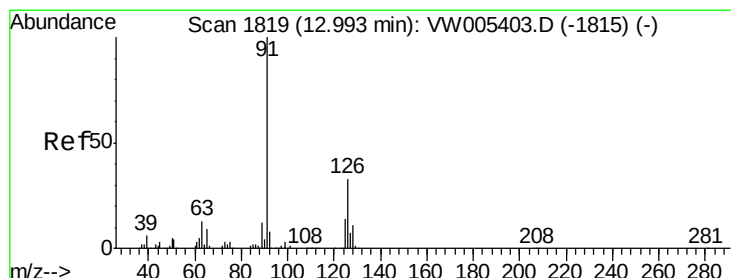
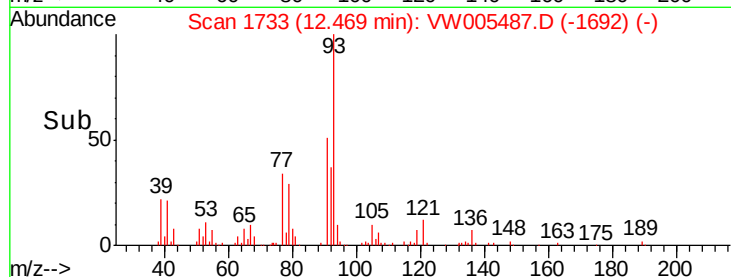
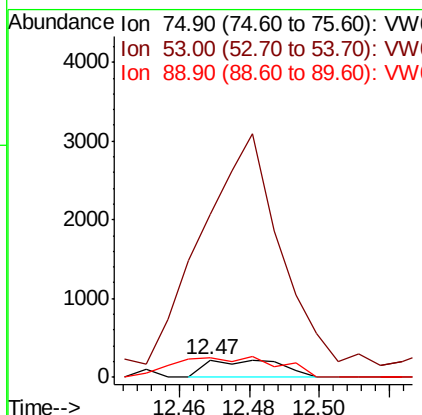
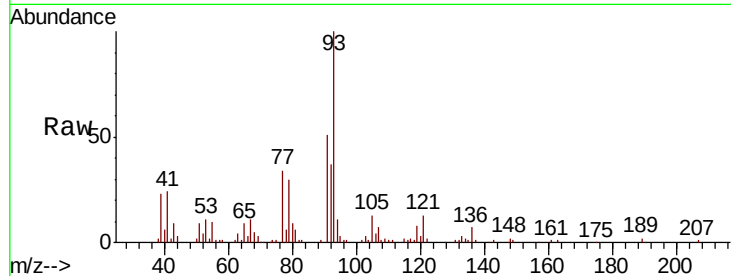




#81
trans-1,4-Dichloro-2-butene
Concen: 24.584 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

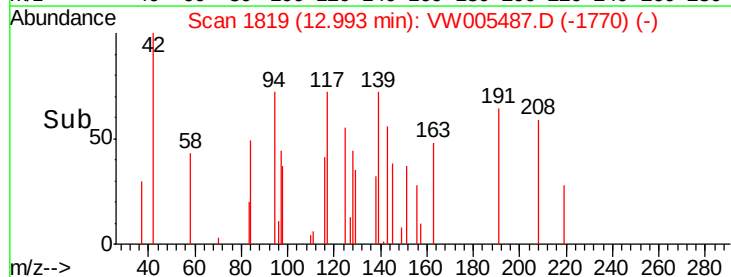
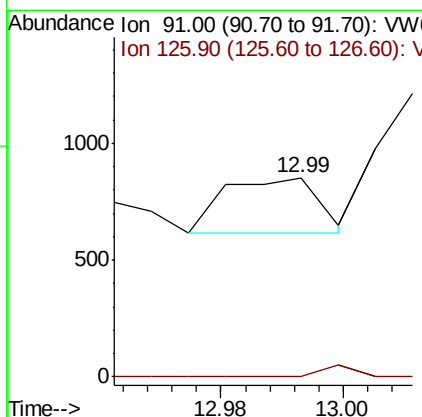
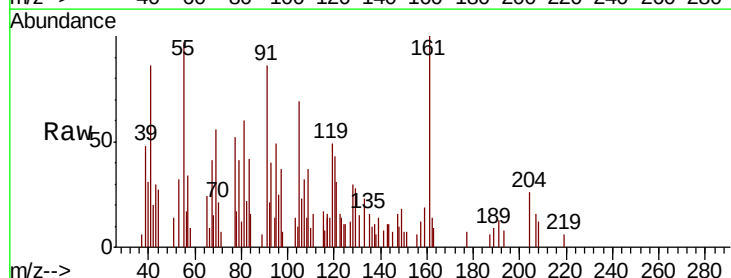
Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

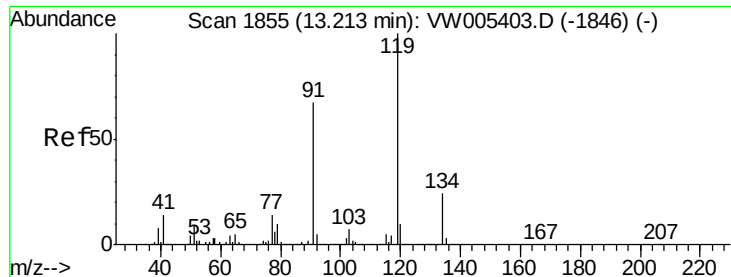
Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
53 1398.8 83.2 124.8#
89 166.8 36.6 54.8#



#82
4-Chlorotoluene
Concen: 1.127 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Tgt Ion: 91 Resp: 250
Ion Ratio Lower Upper
91 100
126 8.0 16.4 49.1#

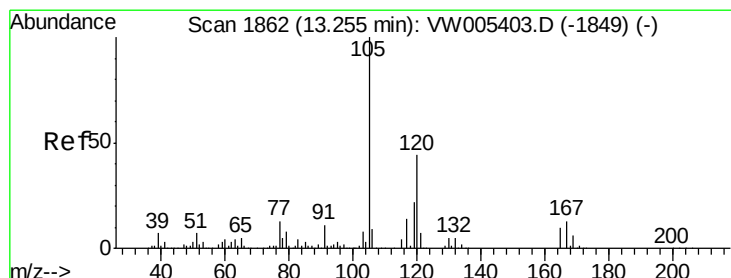
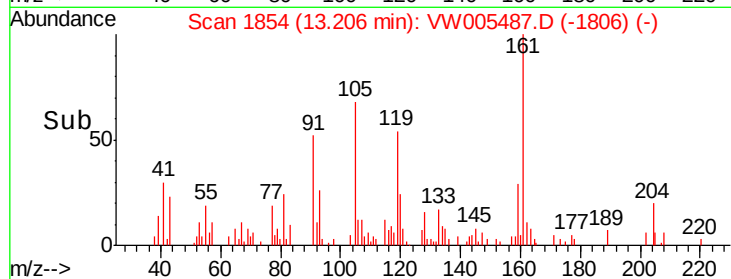
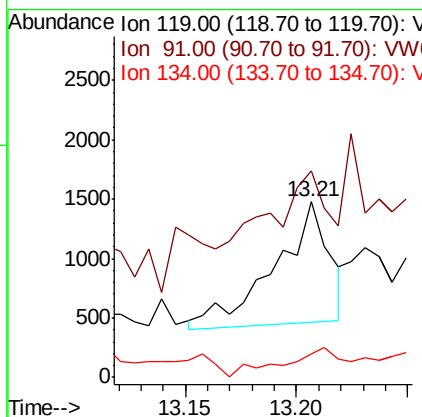
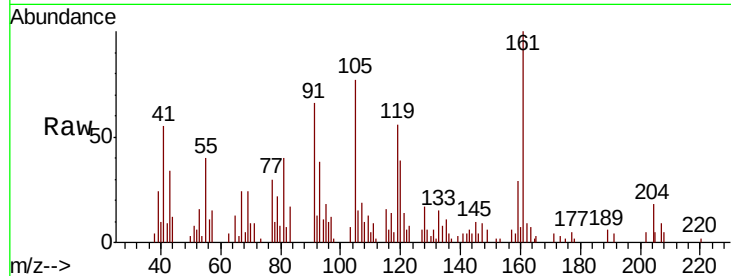




#83
 tert-Butylbenzene
 Concen: 8.119 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

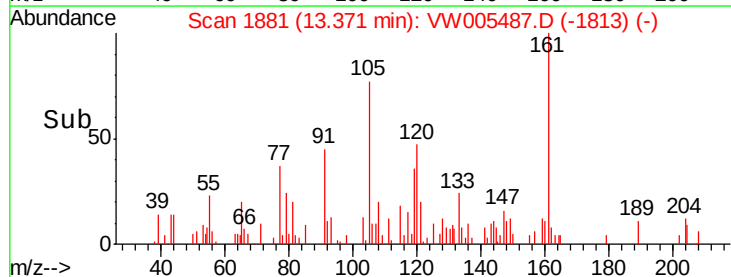
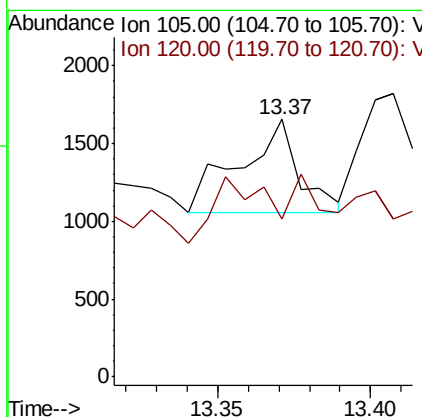
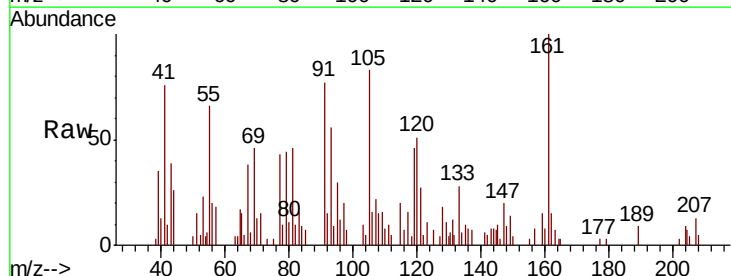
Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

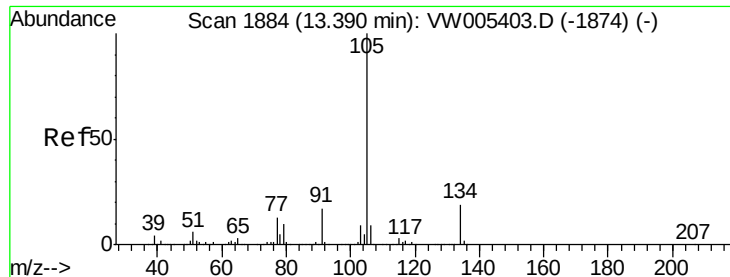
Tgt Ion:119 Resp: 1737
 Ion Ratio Lower Upper
 119 100
 91 57.6 34.4 103.2
 134 26.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.078 ug/l
 RT: 13.37 min Scan# 1881
 Delta R.T. 0.12 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion:105 Resp: 805
 Ion Ratio Lower Upper
 105 100
 120 62.1 21.8 65.3

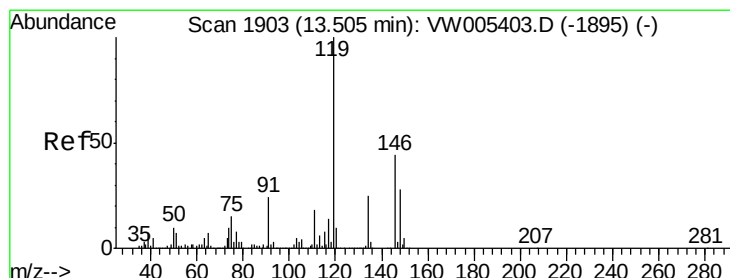
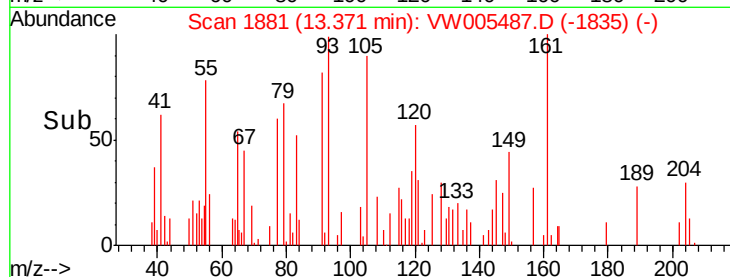
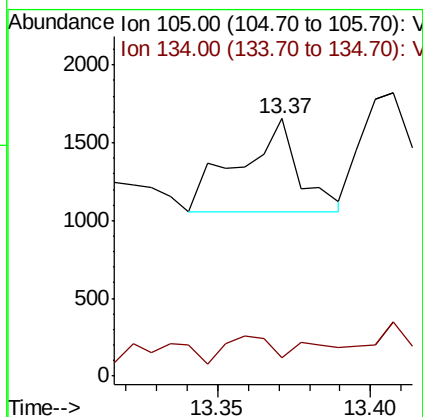
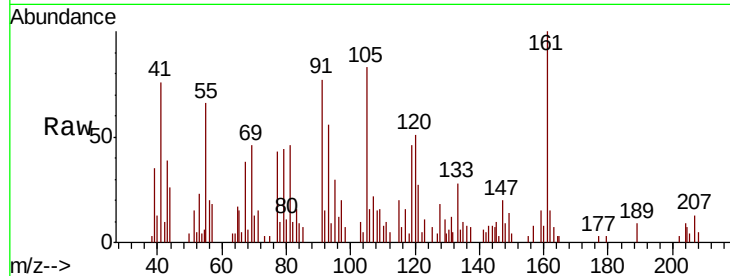




#85
 sec-Butylbenzene
 Concen: 2.604 ug/l
 RT: 13.37 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

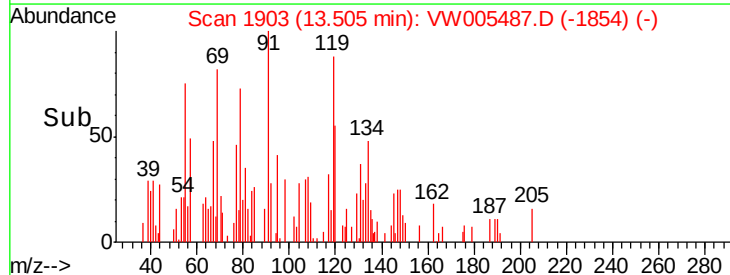
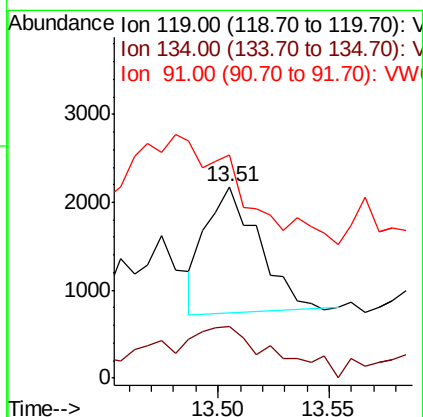
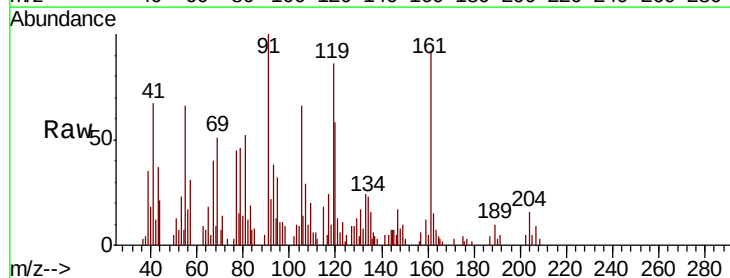
Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

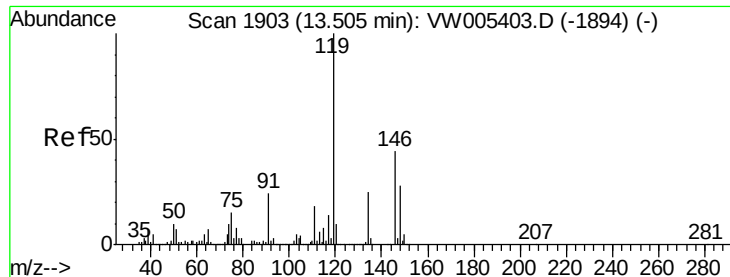
Tgt Ion:105 Resp: 805
 Ion Ratio Lower Upper
 105 100
 134 28.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 8.565 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion:119 Resp: 2368
 Ion Ratio Lower Upper
 119 100
 134 63.2 12.6 37.8#
 91 0.0 12.0 36.0#

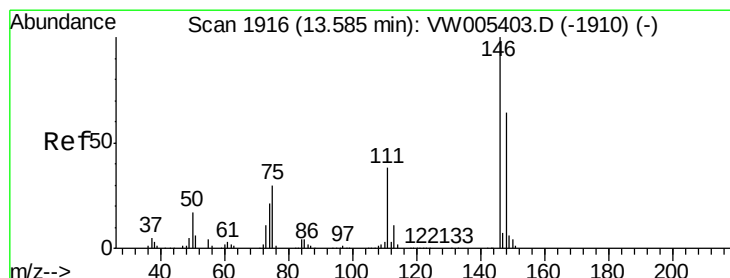
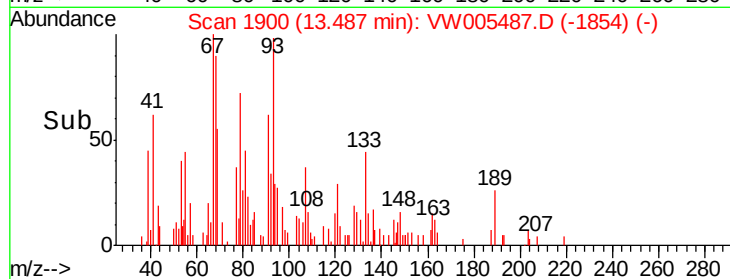
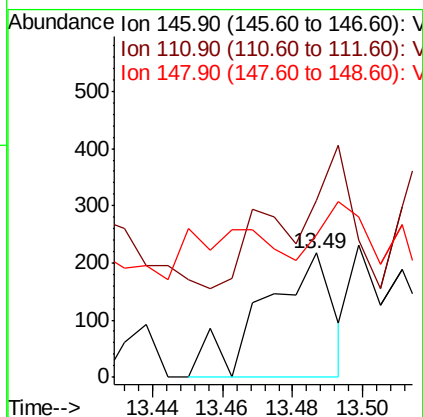
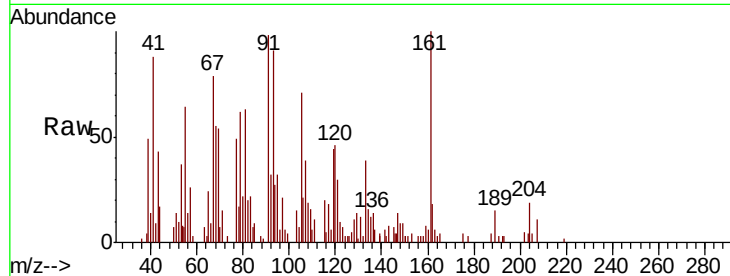




#87
 1,3-Dichlorobenzene
 Concen: 2.112 ug/l
 RT: 13.49 min Scan# 1900
 Delta R.T. -0.02 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

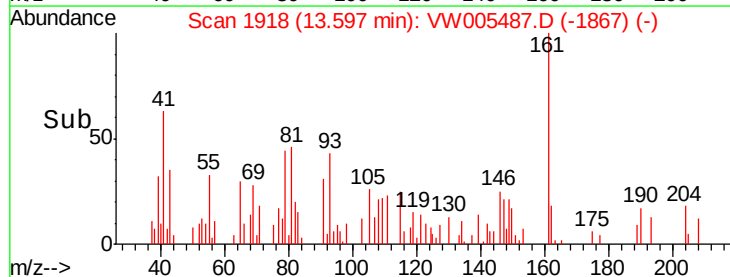
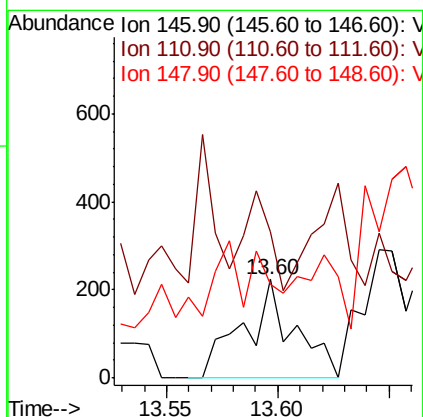
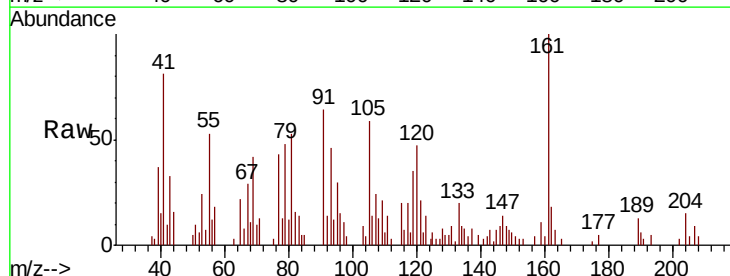
Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

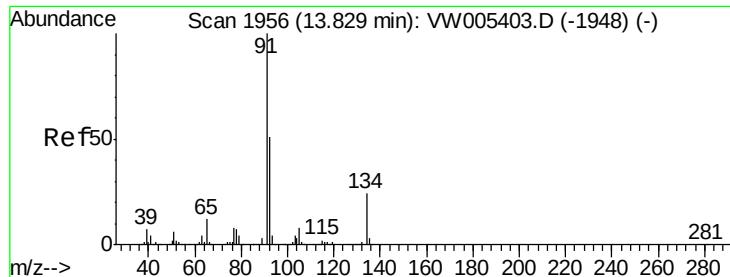
Tgt Ion:146 Resp: 299
 Ion Ratio Lower Upper
 146 100
 111 103.3 20.4 61.2#
 148 98.7 32.0 96.0#



#88
 1,4-Dichlorobenzene
 Concen: 2.511 ug/l
 RT: 13.60 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion:146 Resp: 350
 Ion Ratio Lower Upper
 146 100
 111 50.6 19.6 58.8
 148 0.0 31.8 95.4#

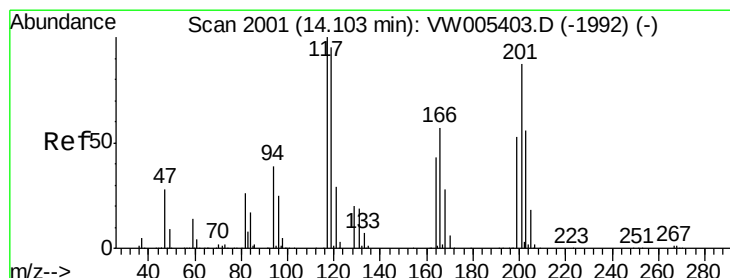
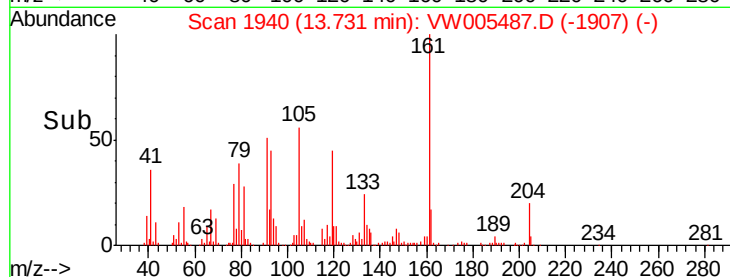
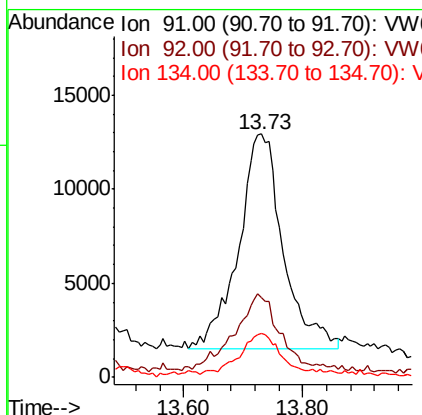
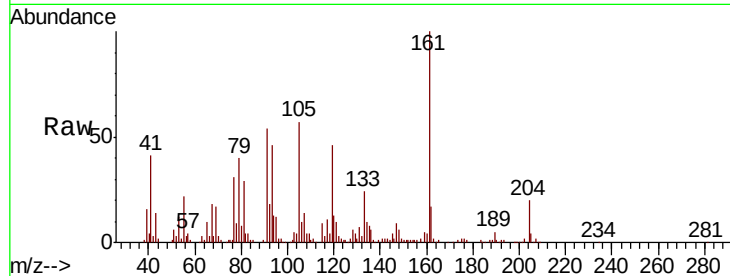




#89
n-Butylbenzene
Concen: 230.873 ug/l
RT: 13.73 min Scan# 1940
Delta R.T. -0.10 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

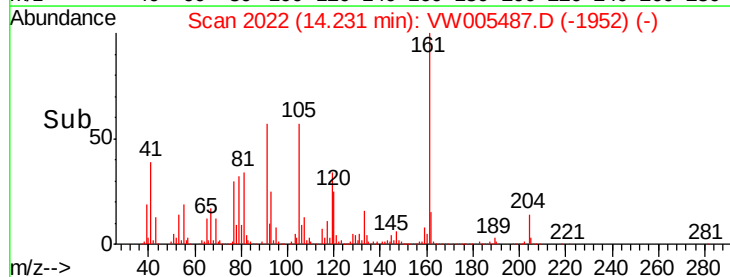
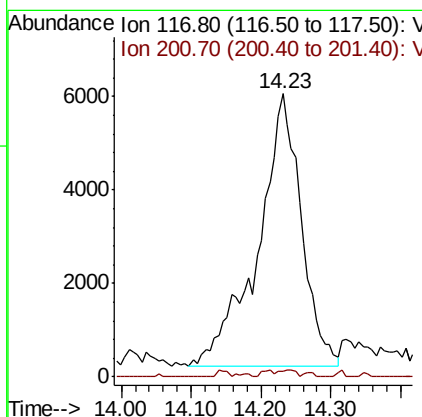
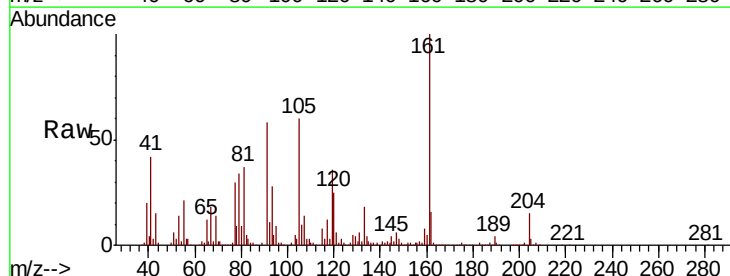
Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

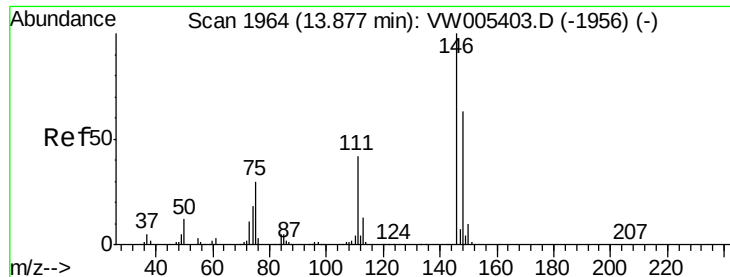
Tgt Ion: 91 Resp: 59437
Ion Ratio Lower Upper
91 100
92 36.4 26.2 78.6
134 18.3 12.7 38.1



#90
Hexachloroethane
Concen: 528.979 ug/l
RT: 14.23 min Scan# 2022
Delta R.T. 0.13 min
Lab File: VW005487.D
Acq: 18 Sep 2018 18:47

Tgt Ion: 117 Resp: 25058
Ion Ratio Lower Upper
117 100
201 1.0 42.5 127.5#

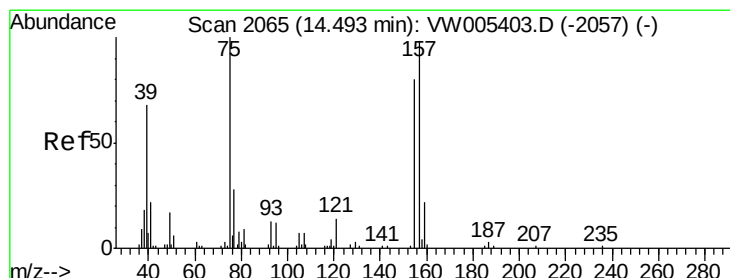
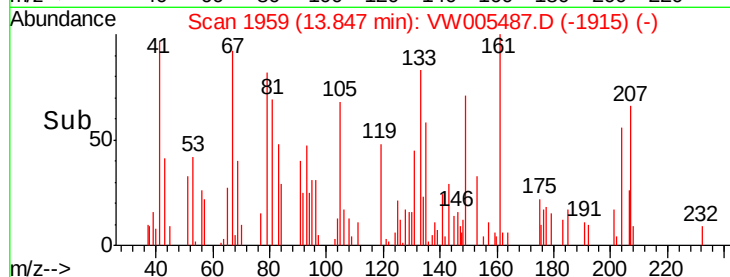
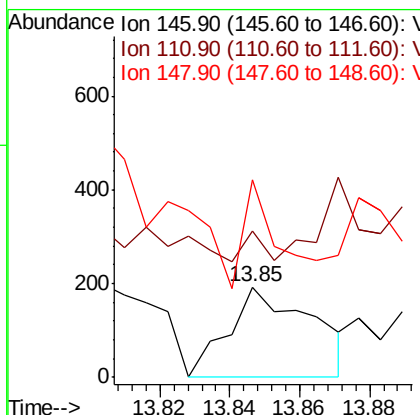
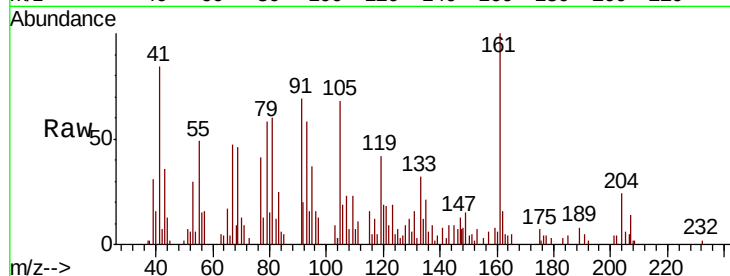




#91
 1,2-Dichlorobenzene
 Concen: 2.571 ug/l
 RT: 13.85 min Scan# 1959
 Delta R.T. -0.03 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

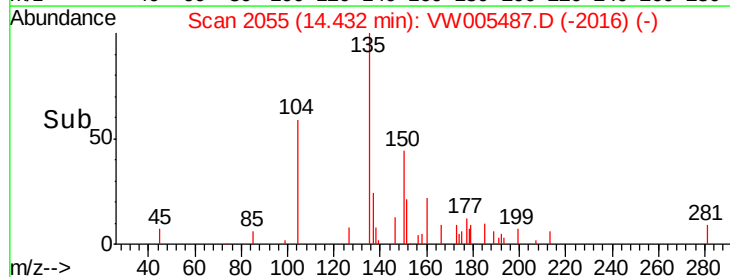
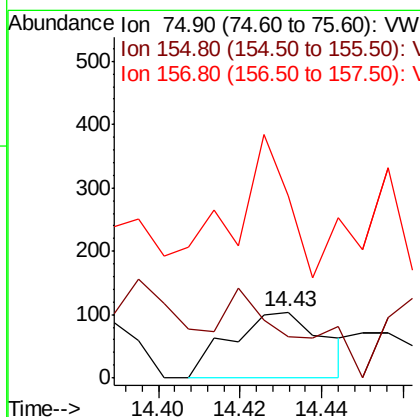
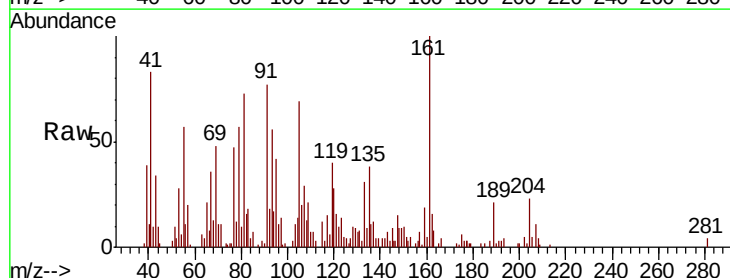
Instrument :
 MSVOA_W
 ClientSampled :
 RB48377RT

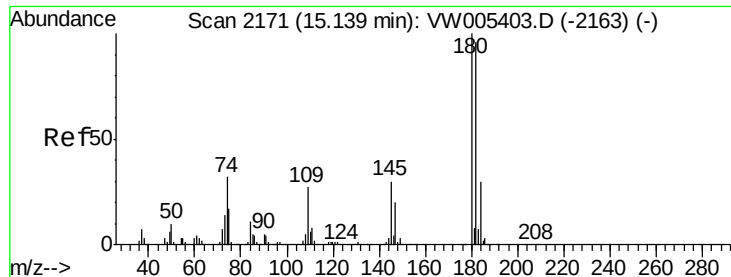
Tgt Ion:146 Resp: 318
 Ion Ratio Lower Upper
 146 100
 111 20.8 21.0 63.0#
 148 54.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.948 ug/l
 RT: 14.43 min Scan# 2055
 Delta R.T. -0.06 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion: 75 Resp: 165
 Ion Ratio Lower Upper
 75 100
 155 98.2 39.0 117.0
 157 113.9 49.9 149.6

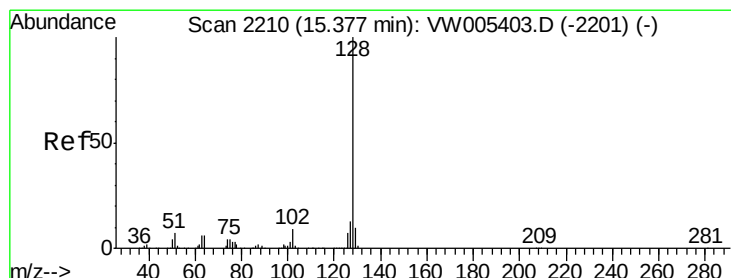
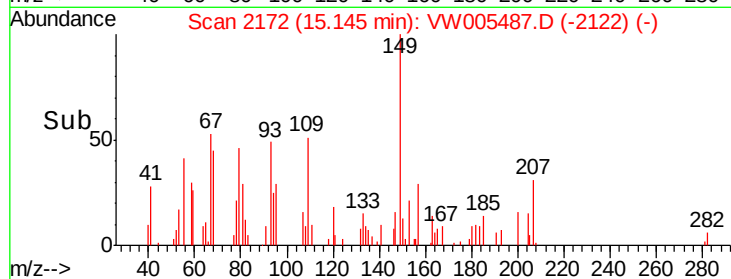
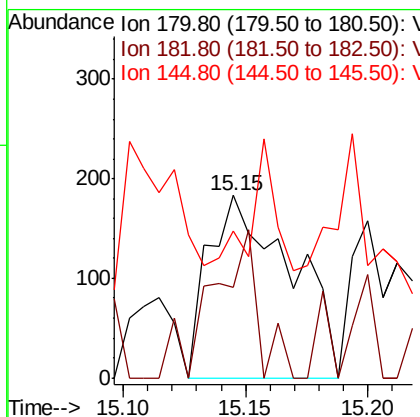
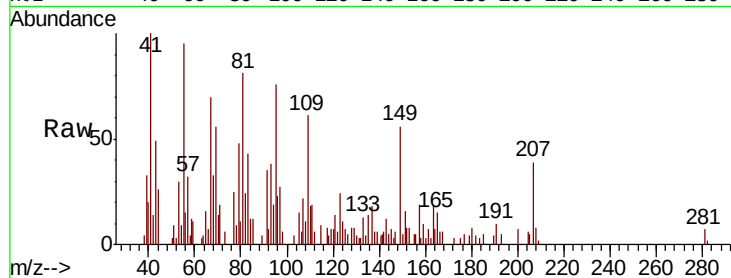




#93
 1,2,4-Trichlorobenzene
 Concen: 5.173 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

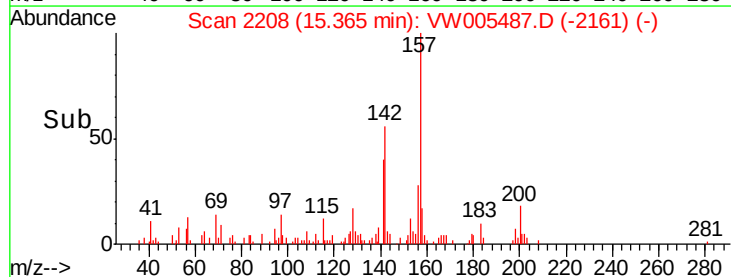
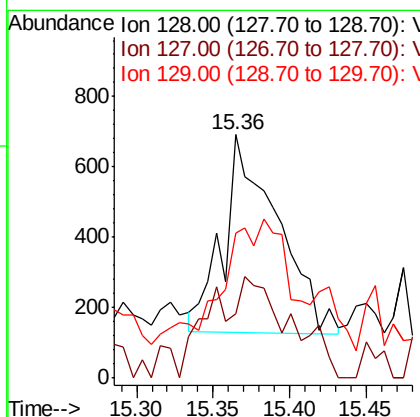
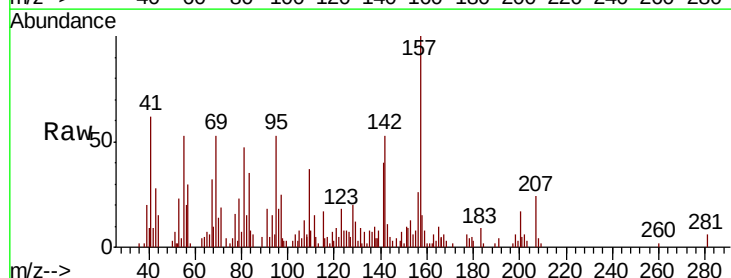
Instrument :
 MSVOA_W
 ClientSampleID :
 RB48377RT

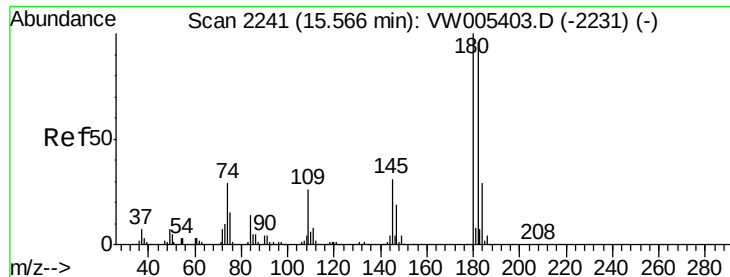
Tgt Ion:180 Resp: 427
 Ion Ratio Lower Upper
 180 100
 182 46.4 47.3 141.9#
 145 41.7 14.8 44.3



#95
 Naphthalene
 Concen: 10.128 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW005487.D
 Acq: 18 Sep 2018 18:47

Tgt Ion:128 Resp: 1393
 Ion Ratio Lower Upper
 128 100
 127 50.7 11.0 16.4#
 129 41.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 6.816 ug/l

RT: 15.54 min Scan# 2236

Delta R.T. -0.03 min

Lab File: VW005487.D

Acq: 18 Sep 2018 18:47

Instrument :

MSVOA_W

ClientSampleId :

RB48377RT

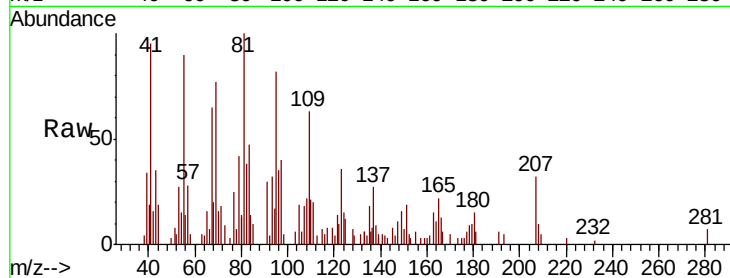
Tgt Ion:180 Resp: 491

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

145 38.1 15.9 47.7



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

