

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010533.D
 Acq On : 23 May 2019 16:42
 Operator : SY/VA
 Sample : K2994-02RE
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2RE

Quant Time: May 24 08:42:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	11593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	14750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	6119	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.88	113	5995	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.32	98	22983	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	5874	33.16	ug/l	0.00
Spiked Amount			Recovery	=	66.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	106	1.092	ug/l	93
6) Chloroethane	2.91	64	147	1.623	ug/l #	43
10) Methyl Iodide	4.29	142	437	2.980	ug/l #	48
16) Acetone	4.13	43	1403	57.441	ug/l	94
17) Carbon Disulfide	4.38	76	1811	4.958	ug/l	98
20) Methylene Chloride	4.92	84	705	Below Cal	#	83
25) 2-Butanone	7.19	43	226	6.466	ug/l #	45
26) 2,2-Dichloropropane	7.13	77	214	1.036	ug/l #	52
29) Tetrahydrofuran	7.54	42	56	2.368	ug/l #	30
31) Cyclohexane	7.96	56	257	1.131	ug/l #	51
36) 1,1-Dichloropropene	7.95	75	916	5.126	ug/l #	42
38) Carbon Tetrachloride	7.95	117	1233	6.396	ug/l #	12
51) 4-Methyl-2-Pentanone	10.23	43	90	1.170	ug/l #	34
59) 2-Hexanone	10.98	43	63	1.148	ug/l #	22
68) m/p-Xylenes	11.84	106	264	1.213	ug/l #	71
76) 1,2,3-Trichloropropane	12.62	75	2801	74.059	ug/l #	1
77) Bromobenzene	12.74	156	92	1.390	ug/l #	34
78) n-propylbenzene	12.81	91	559	1.622	ug/l	85
79) 2-Chlorotoluene	12.90	91	299	1.496	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.94	105	337	1.346	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.62	75	2801	154.563	ug/l #	14
82) 4-Chlorotoluene	12.99	91	306	1.475	ug/l #	65
83) tert-Butylbenzene	13.21	119	267	1.221	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.26	105	378	1.516	ug/l	93
85) sec-Butylbenzene	13.39	105	342	1.117	ug/l	84
86) p-Isopropyltoluene	13.51	119	320	1.155	ug/l #	65
87) 1,3-Dichlorobenzene	13.50	146	205	1.579	ug/l	84
88) 1,4-Dichlorobenzene	13.58	146	346	2.657	ug/l	76
91) 1,2-Dichlorobenzene	13.88	146	184	1.556	ug/l #	78
93) 1,2,4-Trichlorobenzene	15.14	180	131	1.628	ug/l #	81
94) Hexachlorobutadiene	15.24	225	51	1.186	ug/l #	19
95) Naphthalene	15.37	128	372	2.202	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.56	180	121	1.747	ug/l #	51

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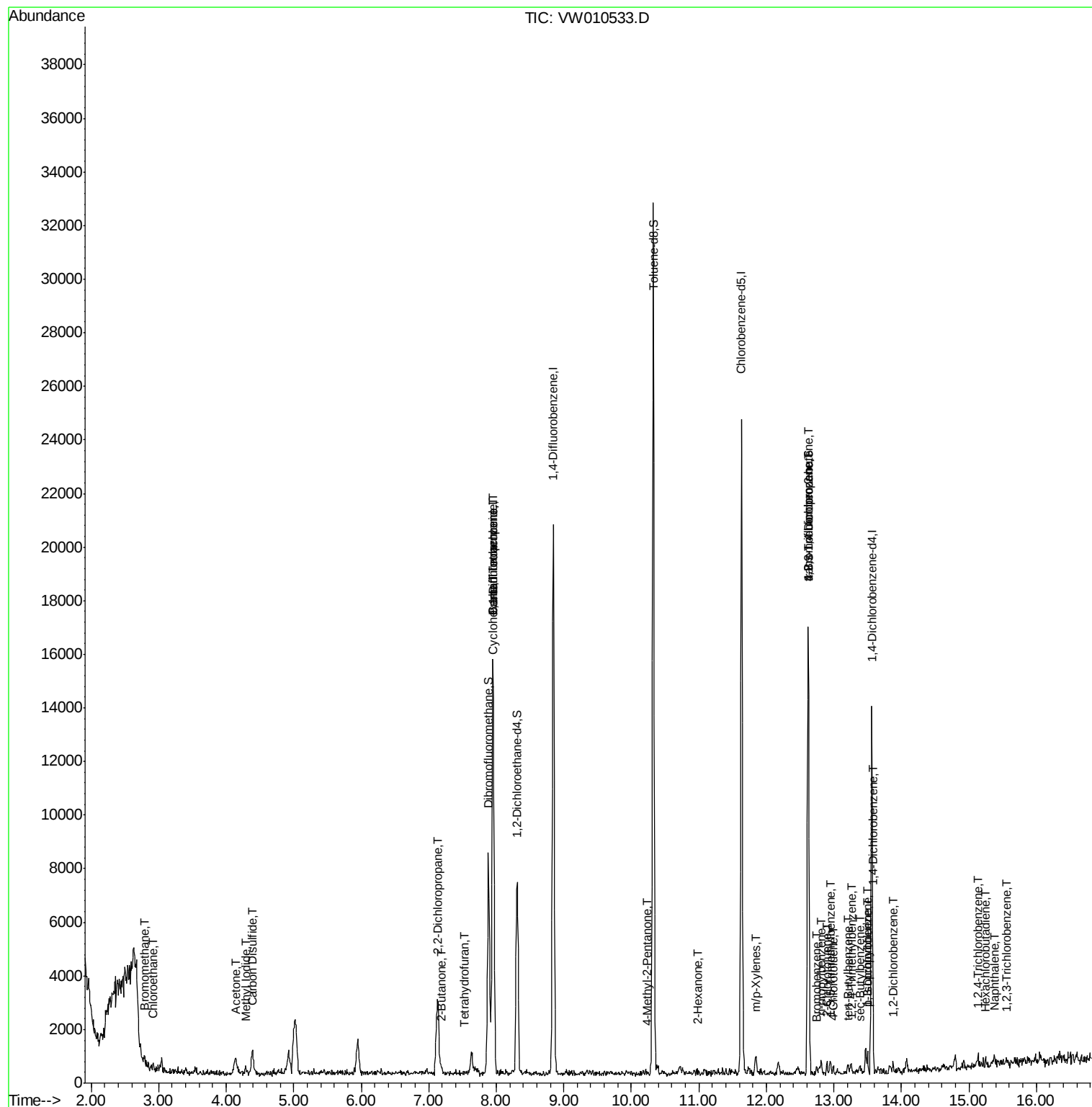
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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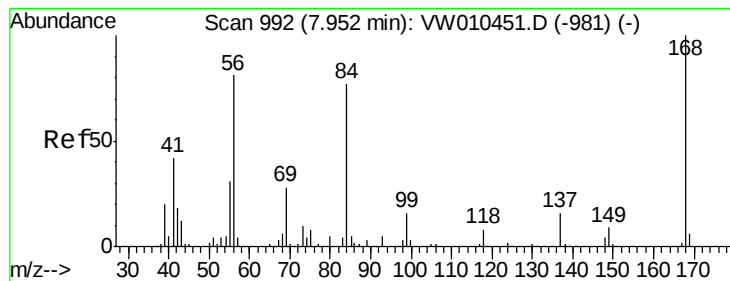
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

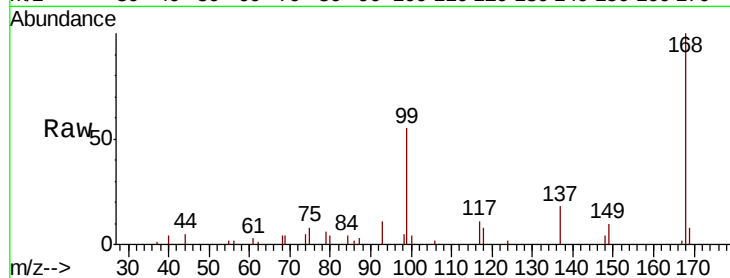
TP-8-S2RE

Tot Ion:168 Resp: 11593

Ion Ratio Lower Upper

168 100

99 54.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

6000

5000

4000

3000

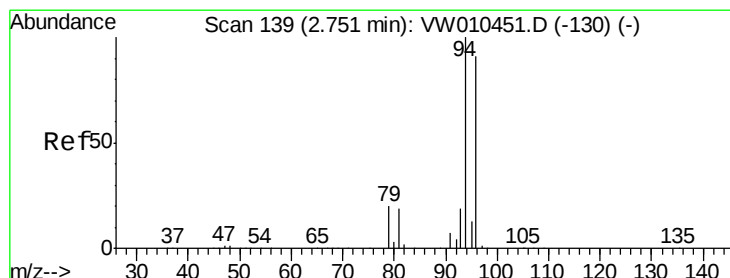
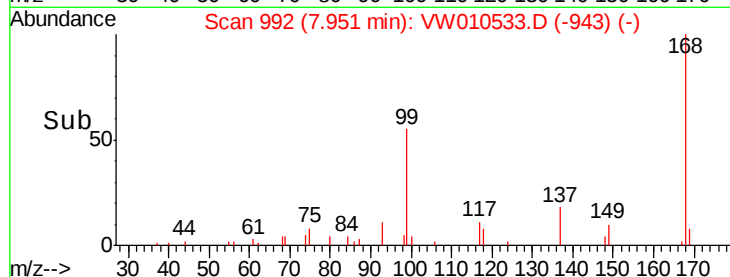
2000

1000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#5

Bromomethane

Concen: 1.092 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.04 min

Lab File: VW010533.D

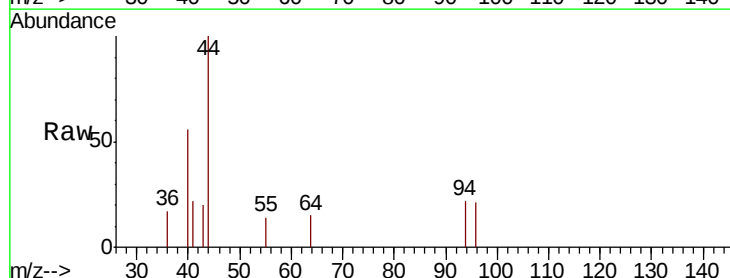
Acq: 23 May 2019 16:42

Tgt Ion: 94 Resp: 106

Ion Ratio Lower Upper

94 100

96 97.5 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

80

60

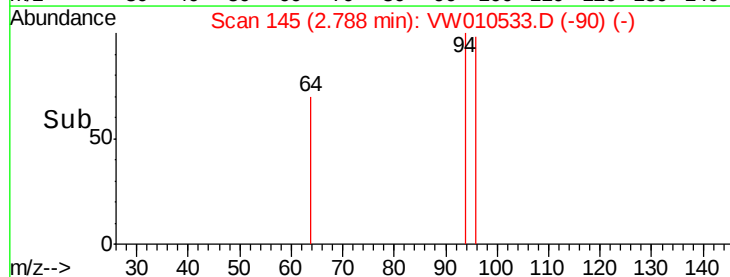
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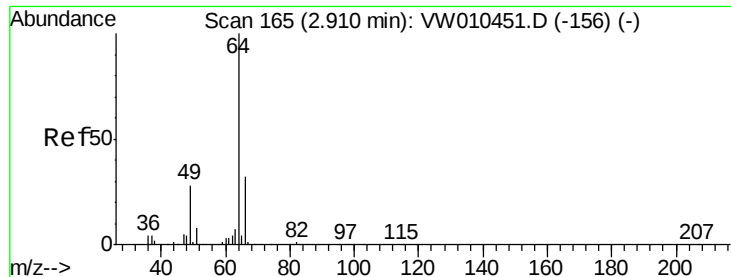
20

0

Time-->

2.74 2.76 2.78 2.80 2.82





#6

Chloroethane

Concen: 1.623 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

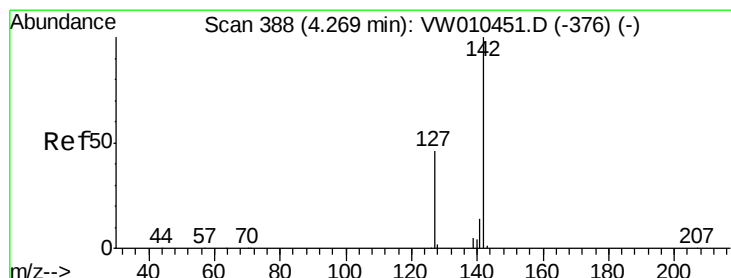
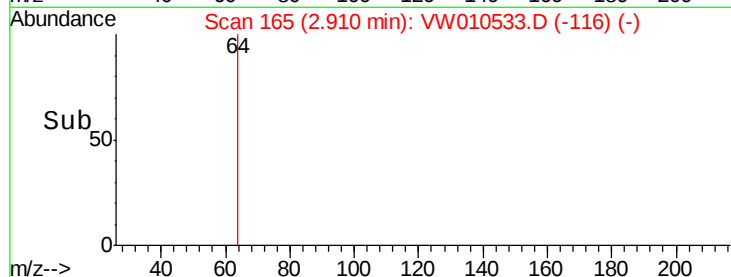
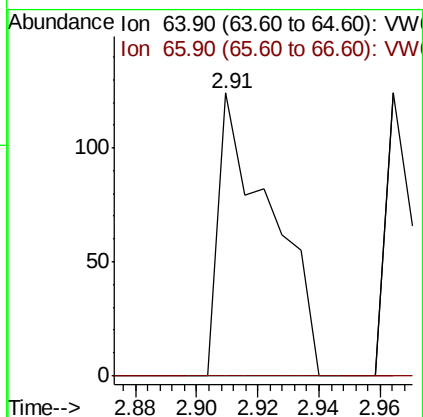
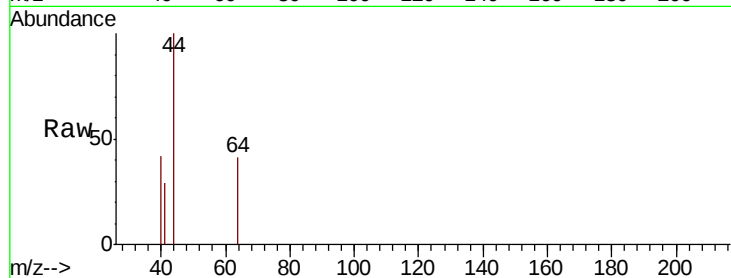
TP-8-S2RE

Tot Ion: 64 Resp: 147

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#10

Methyl Iodide

Concen: 2.980 ug/l

RT: 4.29 min Scan# 392

Delta R.T. 0.02 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

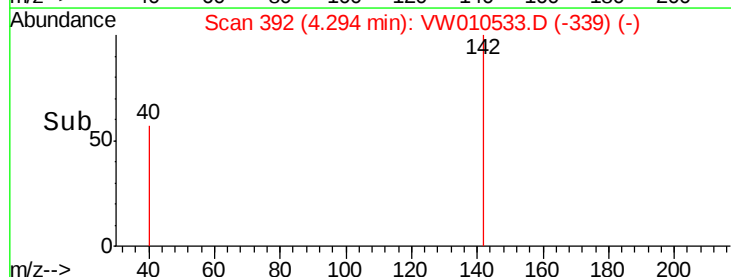
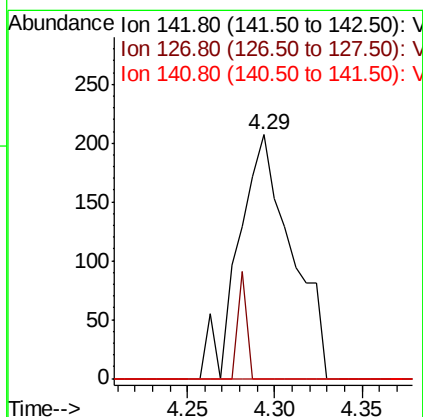
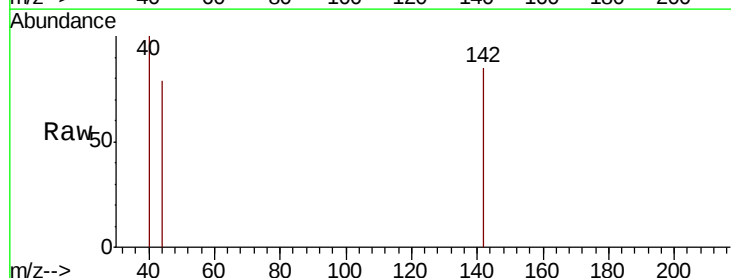
Tgt Ion: 142 Resp: 437

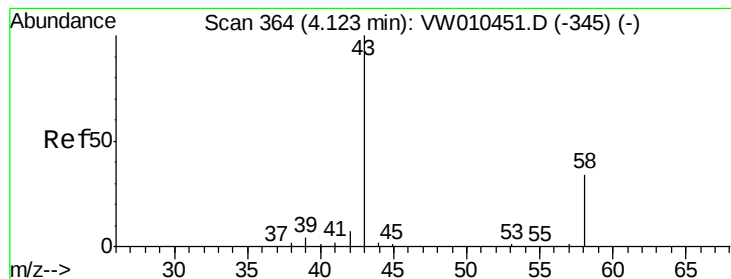
Ion Ratio Lower Upper

142 100

127 7.6 36.1 54.1#

141 0.0 11.3 16.9#





#16

Acetone

Concen: 57.441 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

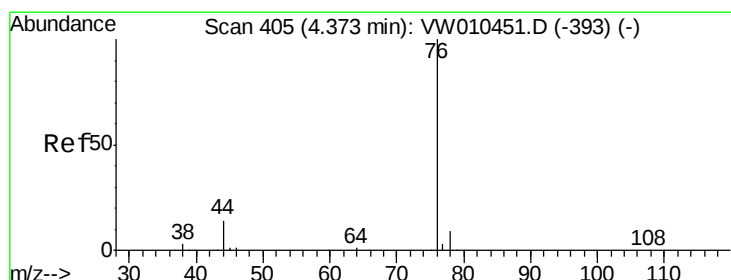
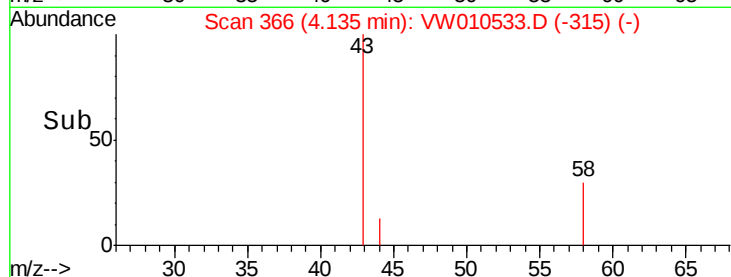
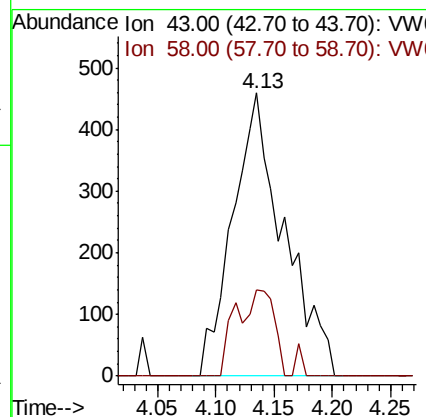
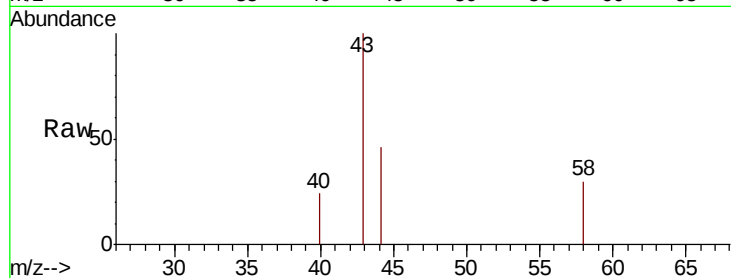
TP-8-S2RE

Tot Ion: 43 Resp: 1403

Ion Ratio Lower Upper

43 100

58 30.3 27.0 40.4



#17

Carbon Disulfide

Concen: 4.958 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW010533.D

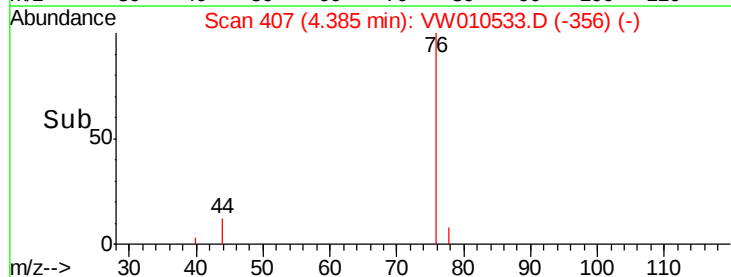
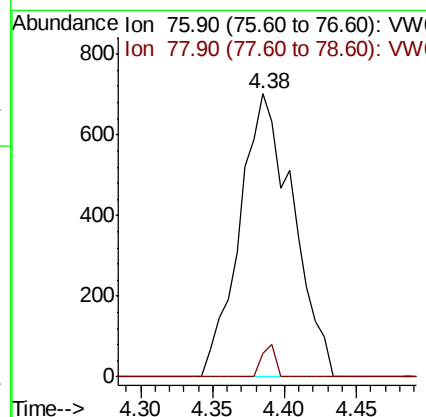
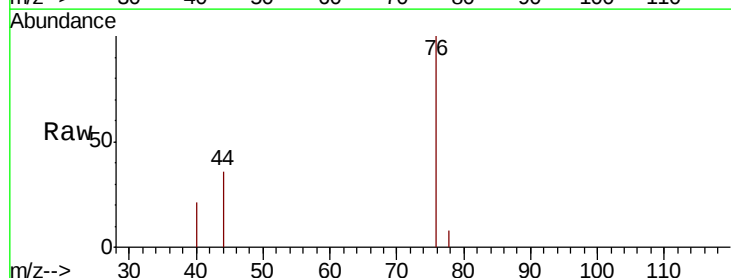
Acq: 23 May 2019 16:42

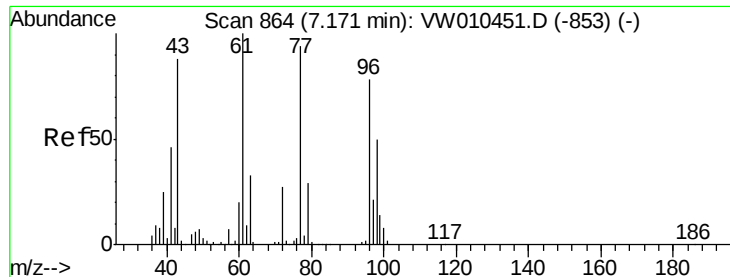
Tgt Ion: 76 Resp: 1811

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7





#25

2-Butanone

Concen: 6.466 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

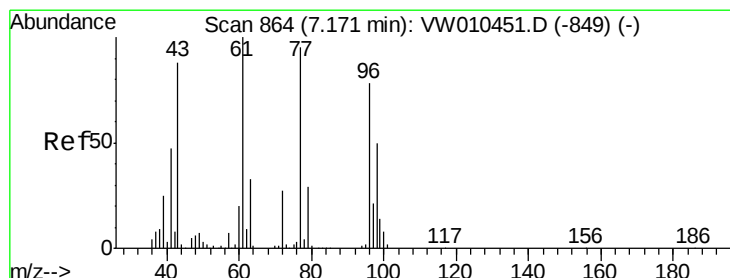
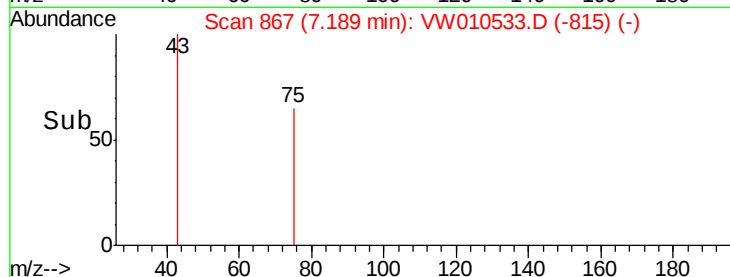
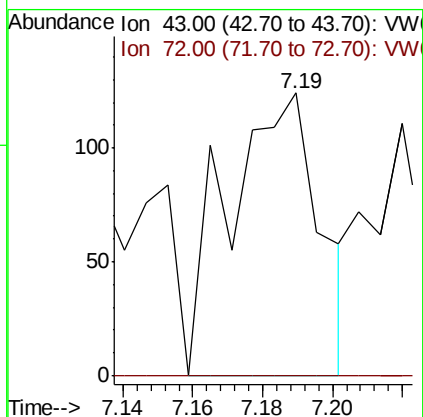
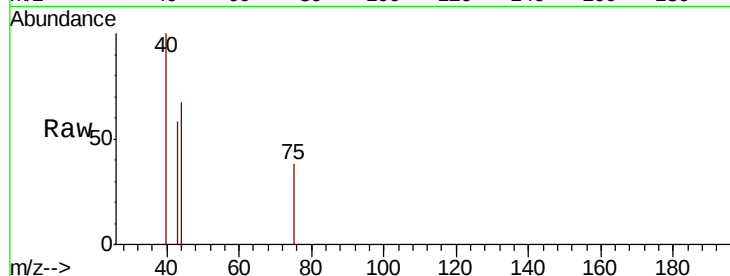
TP-8-S2RE

Tot Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#



#26

2,2-Dichloropropane

Concen: 1.036 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW010533.D

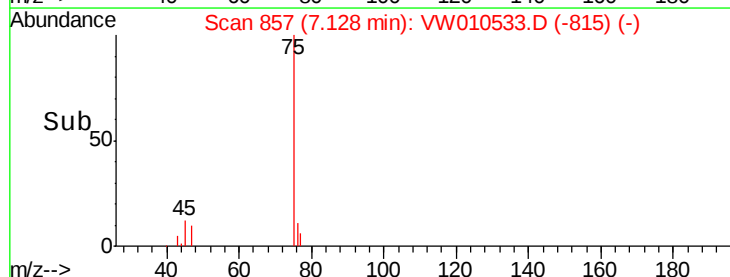
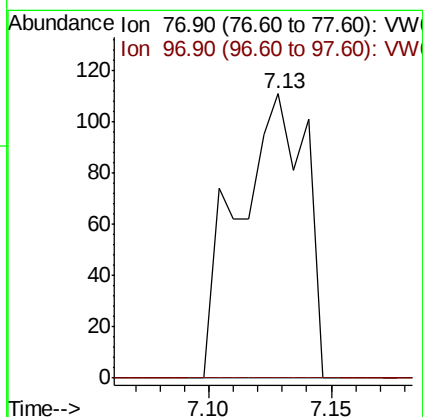
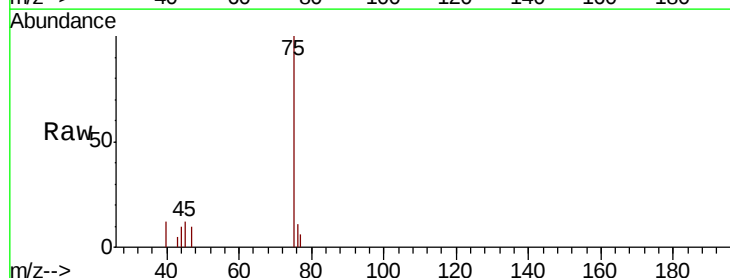
Acq: 23 May 2019 16:42

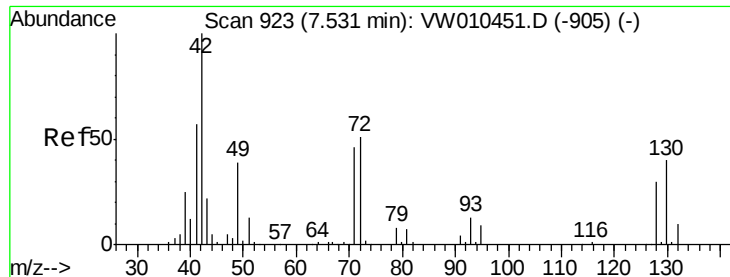
Tgt Ion: 77 Resp: 214

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

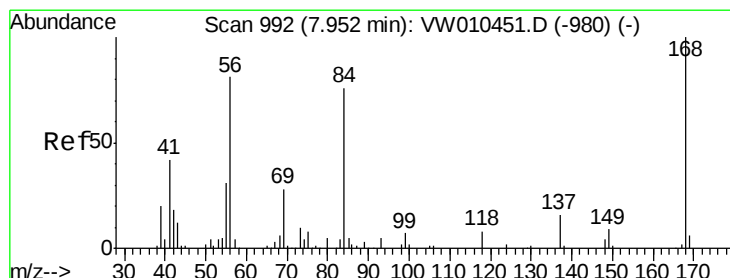
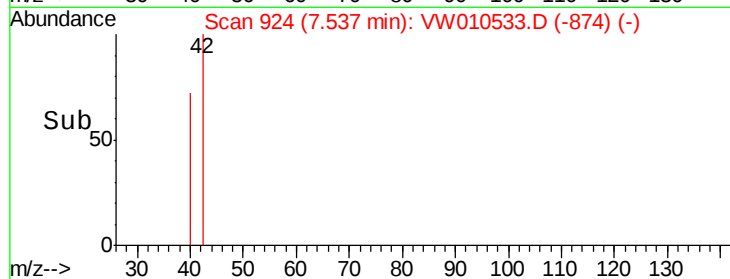
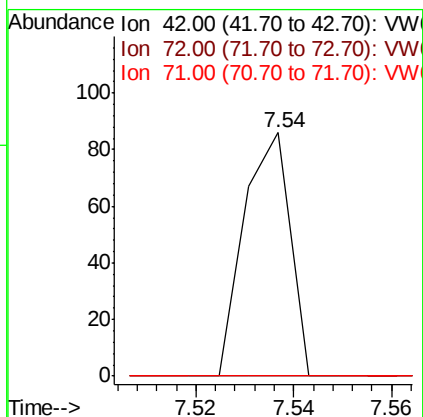
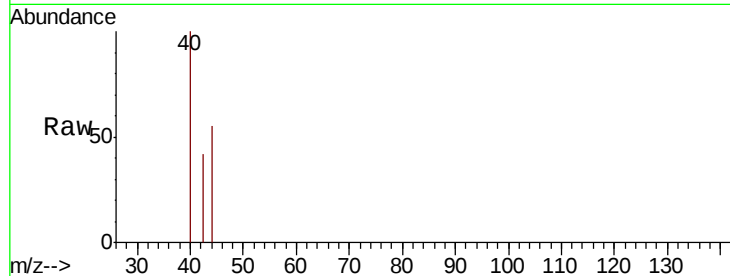




#29
Tetrahydrofuran
Concen: 2.368 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

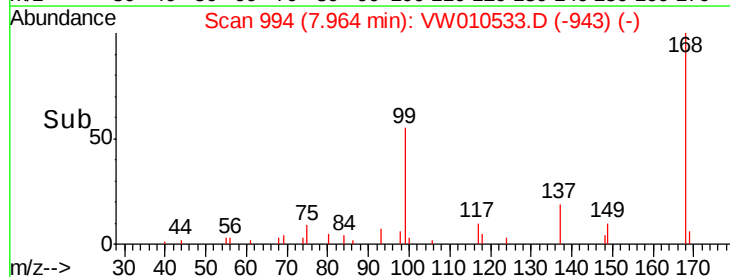
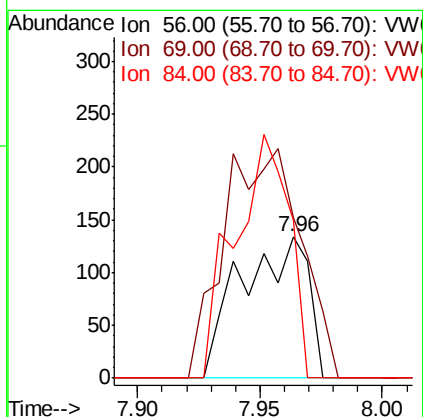
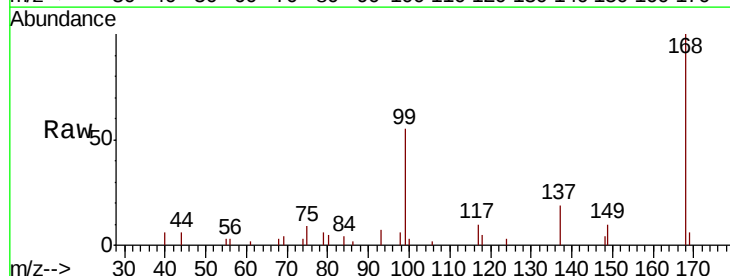
Instrument :
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TP-8-S2RE

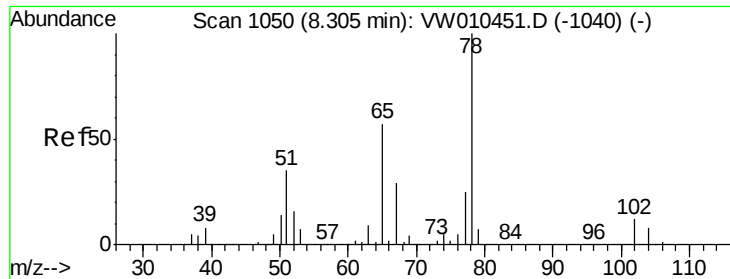
Tot Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
72 0.0 38.5 57.7#
71 0.0 36.5 54.7#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

Tgt Ion: 56 Resp: 257
Ion Ratio Lower Upper
56 100
69 113.4 28.2 42.2#
84 111.9 75.8 113.8

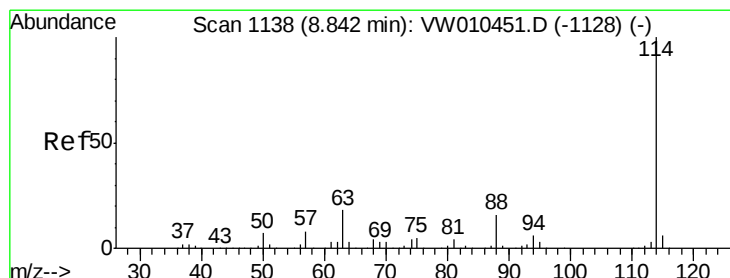
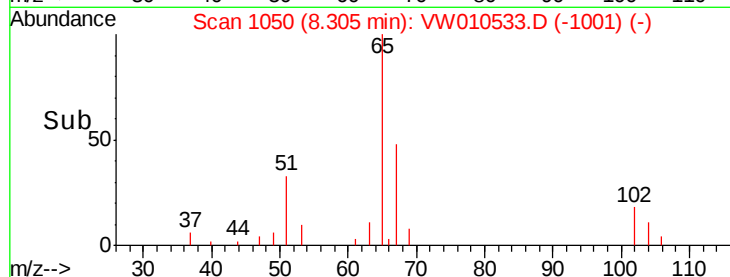
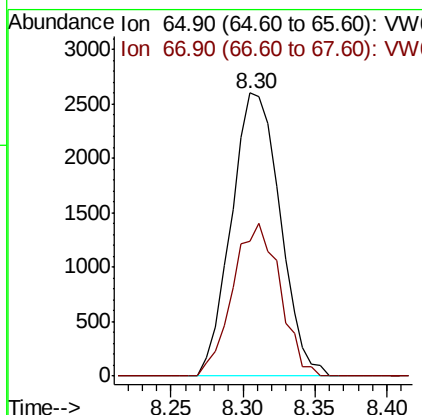
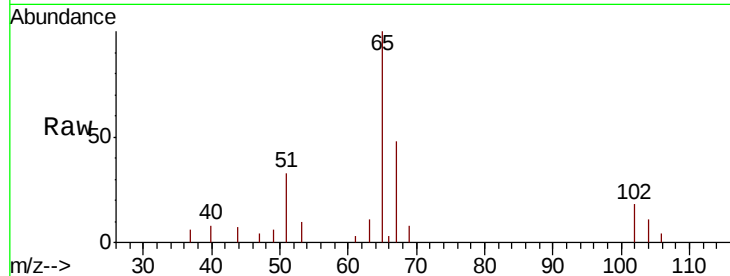




#33
 1,2-Dichloroethane-d4
 Concen: 51.137 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

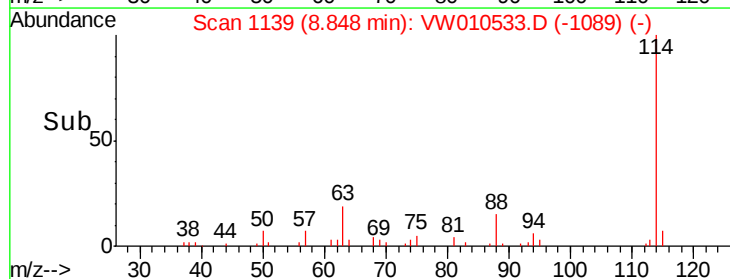
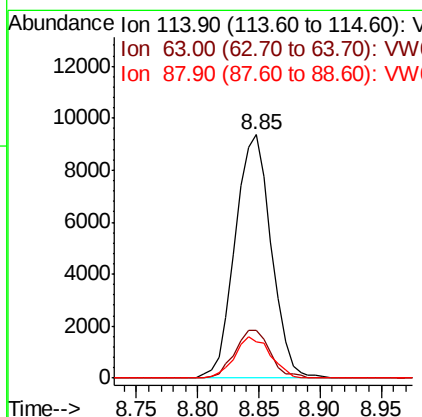
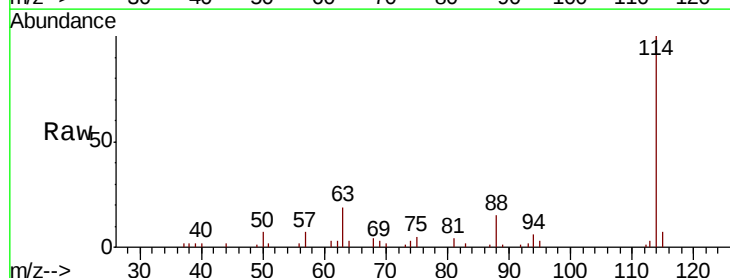
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2RE

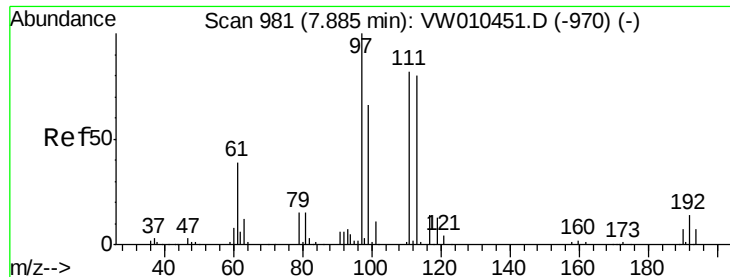
Tot Ion: 65 Resp: 6119
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Tgt Ion: 114 Resp: 19184
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.0
 88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.501 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S2RE

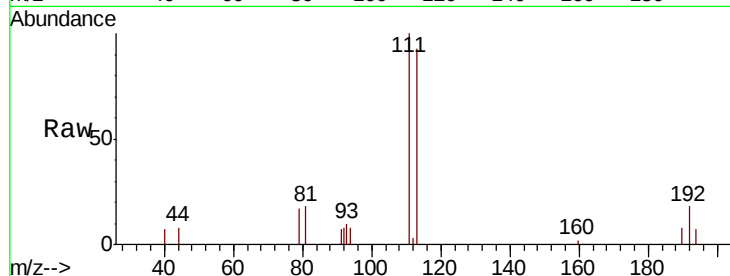
Tot Ion:113 Resp: 5995

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

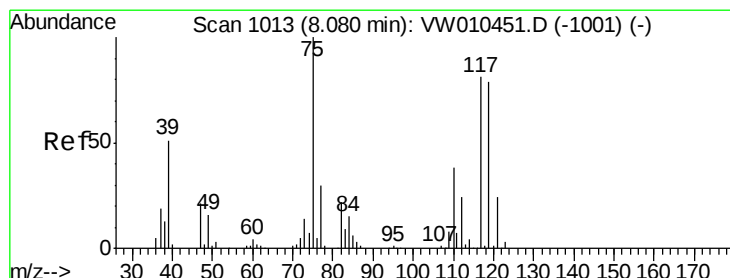
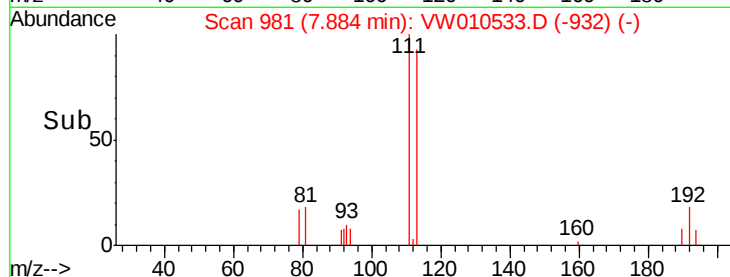
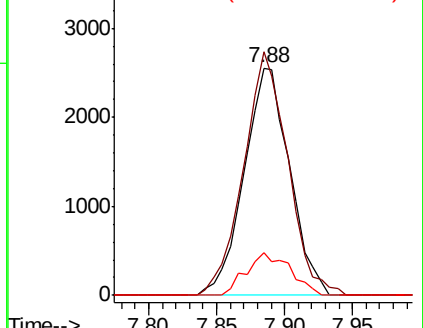
192 18.1 14.3 21.5



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: 5.126 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

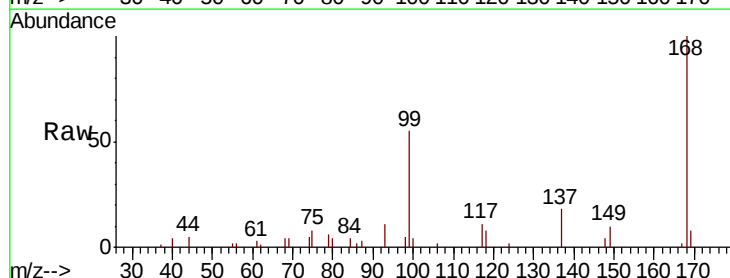
Tgt Ion: 75 Resp: 916

Ion Ratio Lower Upper

75 100

110 2.2 19.2 57.6#

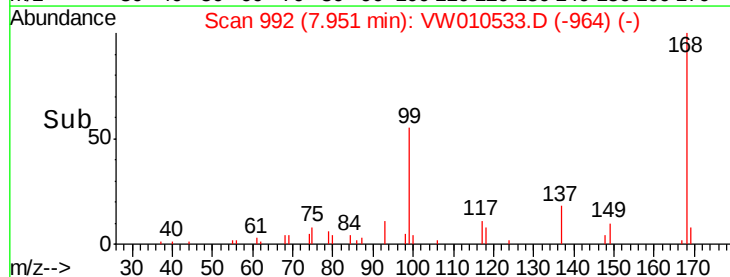
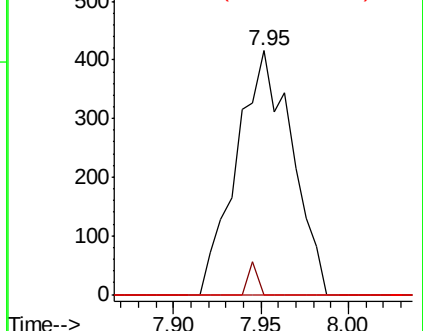
77 0.0 25.2 37.8#

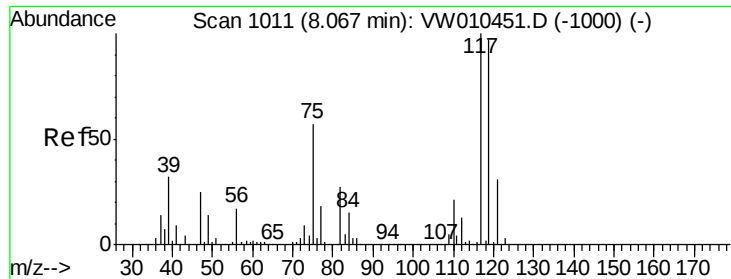


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

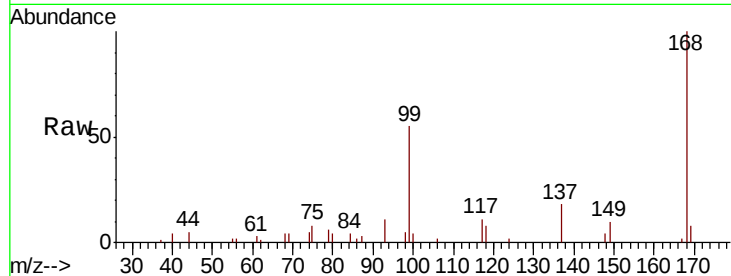




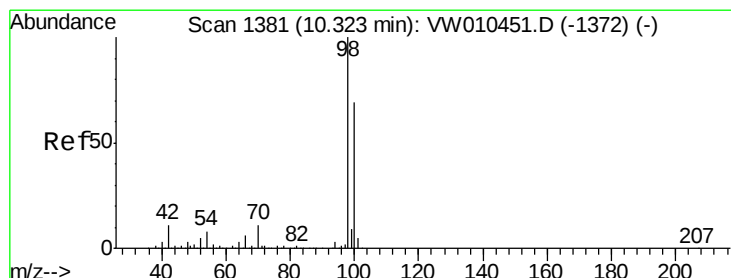
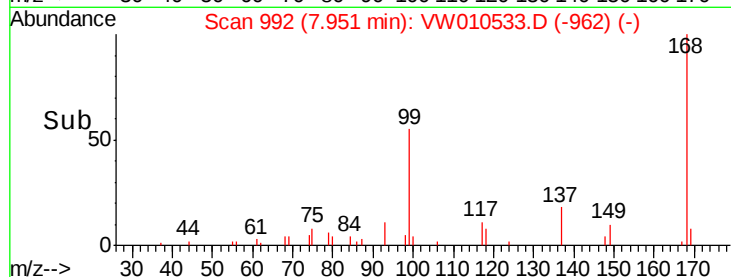
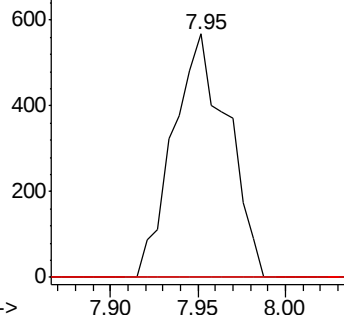
#38
Carbon Tetrachloride
Concen: 6.396 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S2RE

Tot Ion:117 Resp: 1233
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.0 37.6#

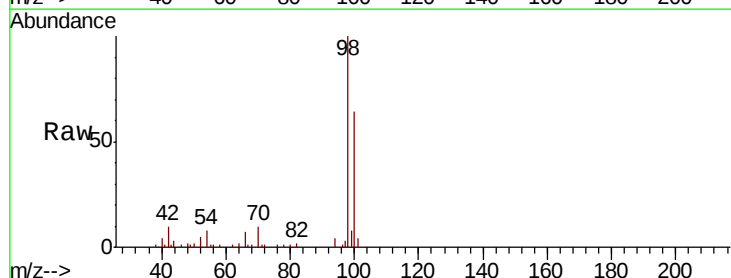


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

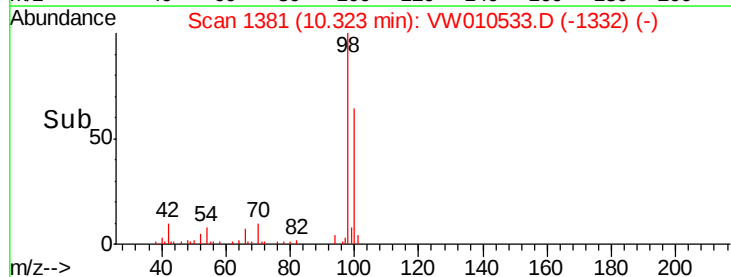
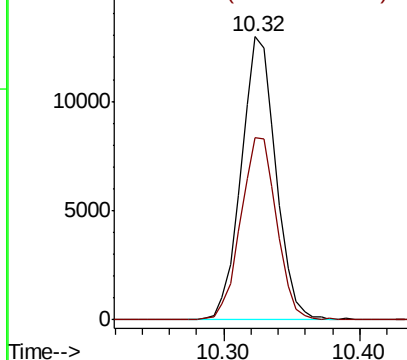


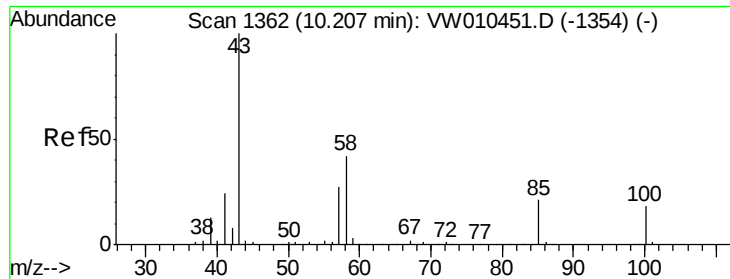
#50
Toluene-d8
Concen: 51.683 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

Tgt Ion: 98 Resp: 22983
Ion Ratio Lower Upper
98 100
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.170 ug/l

RT: 10.23 min Scan# 1366

Delta R.T. 0.02 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

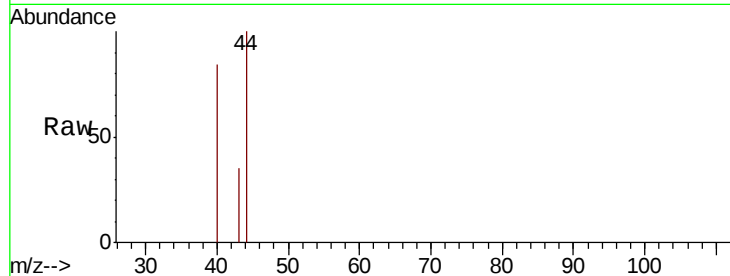
TP-8-S2RE

Tot Ion: 43 Resp: 90

Ion Ratio Lower Upper

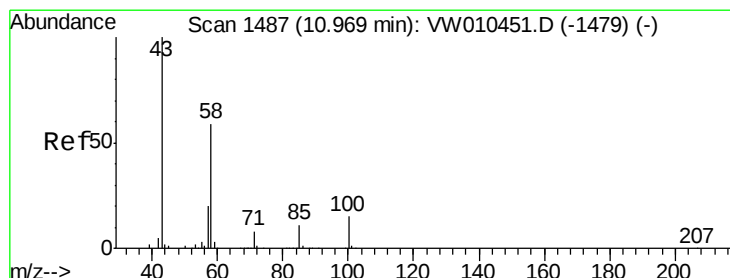
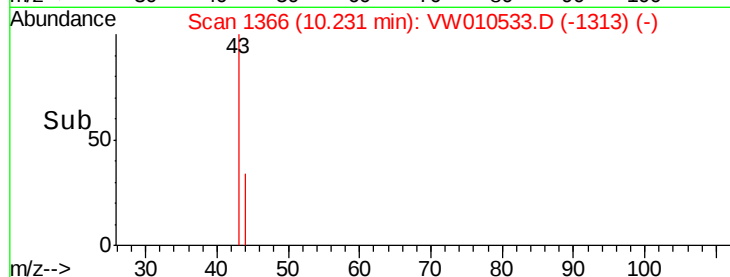
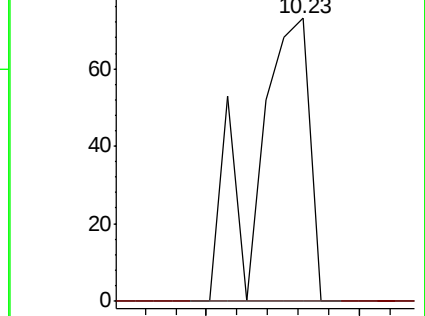
43 100

58 0.0 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#59

2-Hexanone

Concen: 1.148 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW010533.D

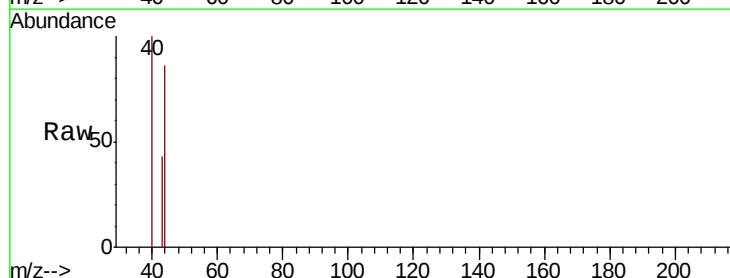
Acq: 23 May 2019 16:42

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

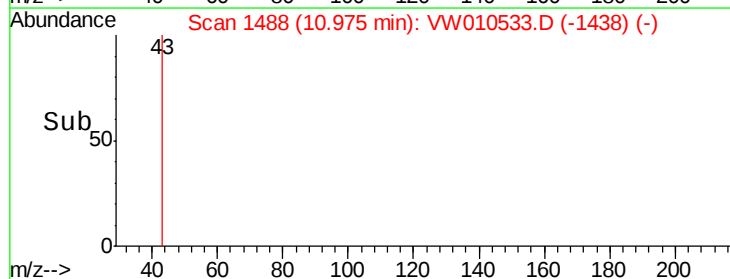
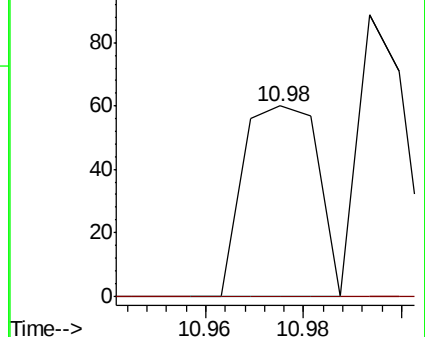
43 100

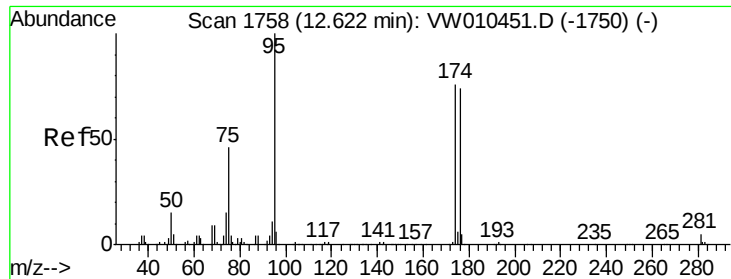
58 0.0 28.9 86.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

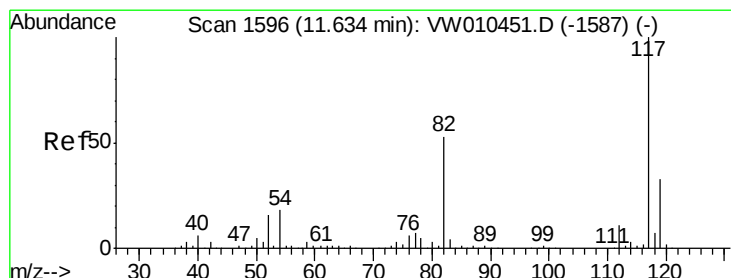
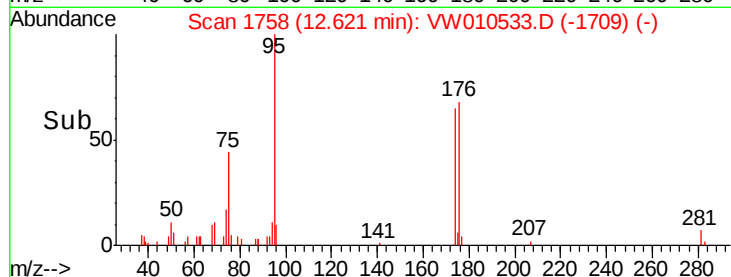
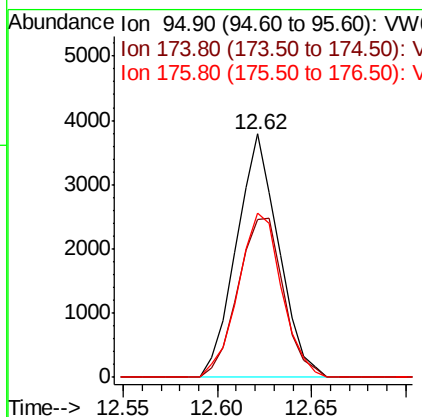
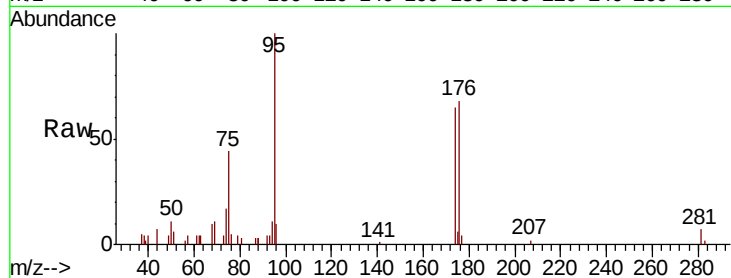




#62
4-Bromofluorobenzene
Concen: 33.162 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

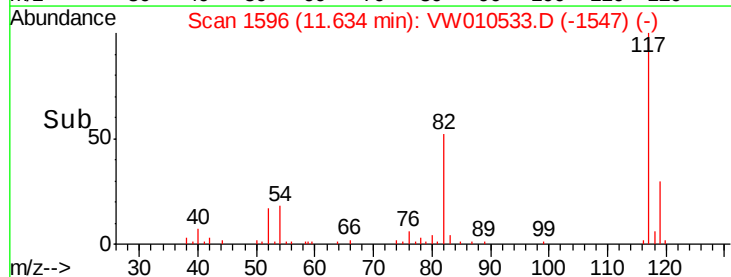
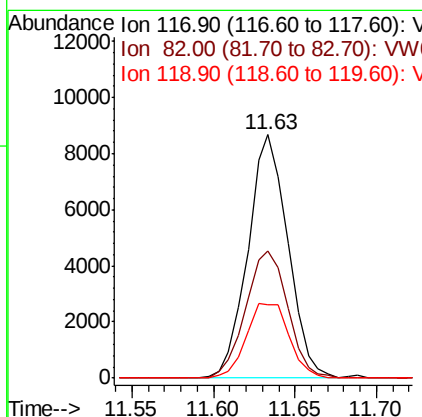
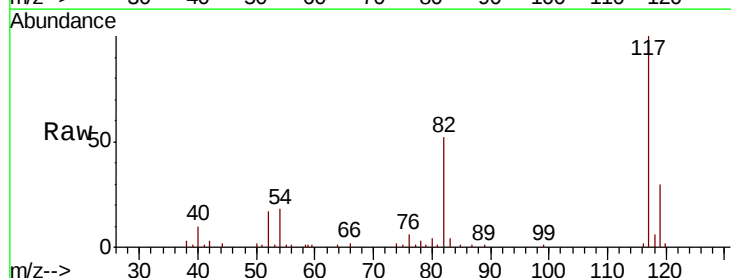
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S2RE

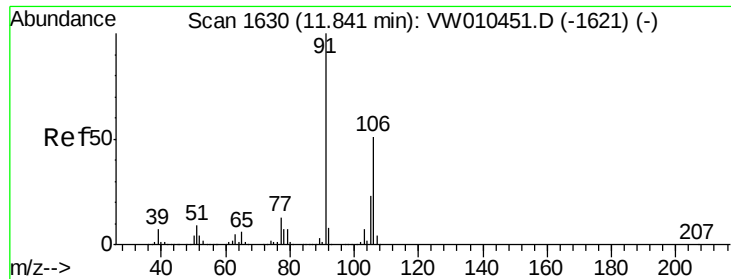
Tot Ion: 95 Resp: 5874
Ion Ratio Lower Upper
95 100
174 70.5 0.0 148.6
176 70.2 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

Tgt Ion: 117 Resp: 14750
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 29.9 26.3 39.5





#68

m/p-Xvlenes

Concen: 1.213 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

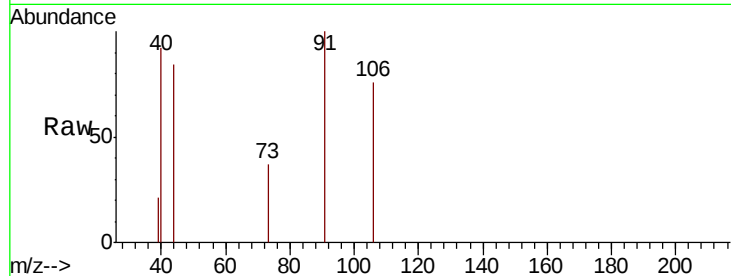
TP-8-S2RE

Tot Ion:106 Resp: 264

Ion Ratio Lower Upper

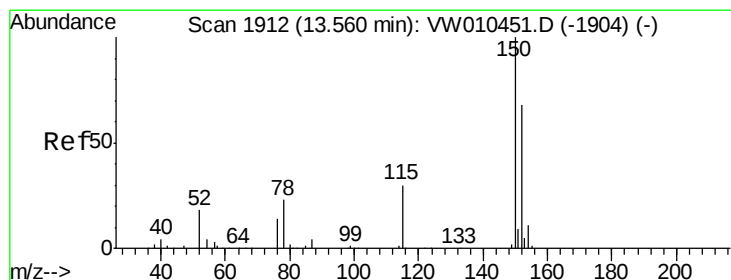
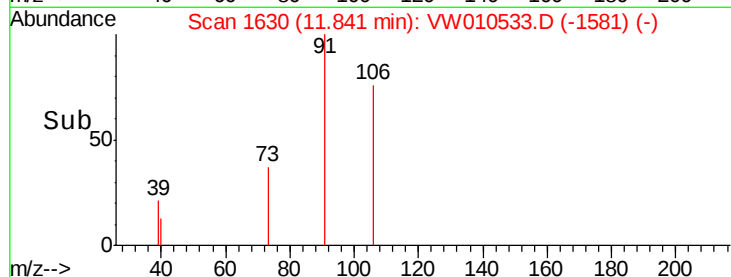
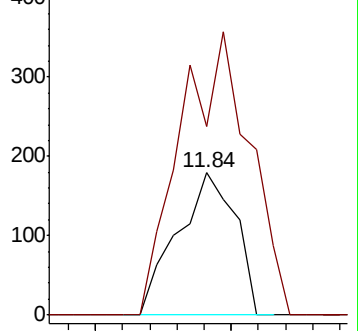
106 100

91 238.6 156.0 234.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

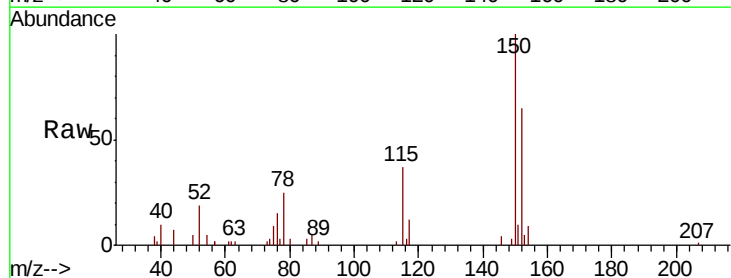
Tgt Ion:152 Resp: 3726

Ion Ratio Lower Upper

152 100

115 64.9 30.3 91.0

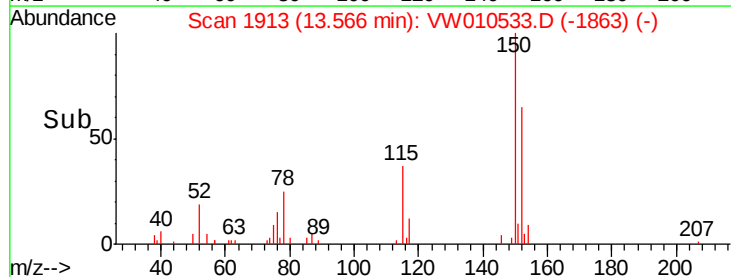
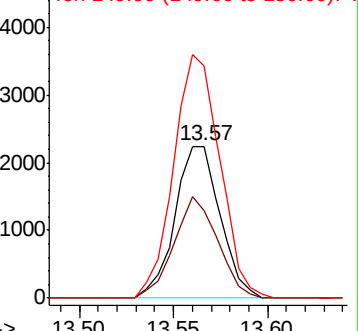
150 164.2 0.0 349.8

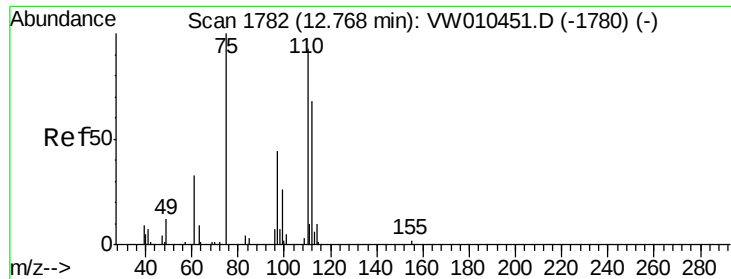


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 74.059 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

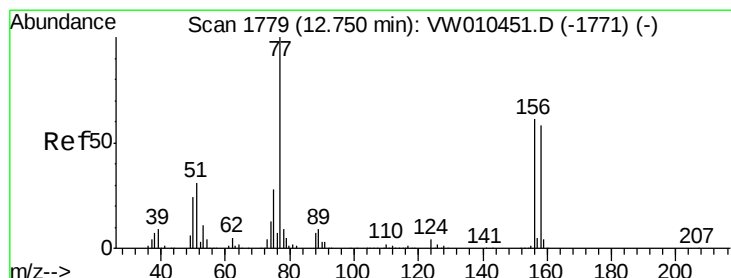
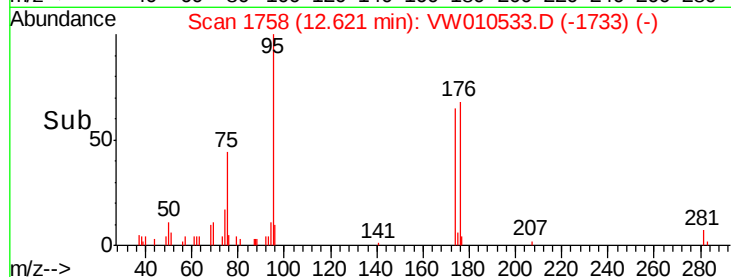
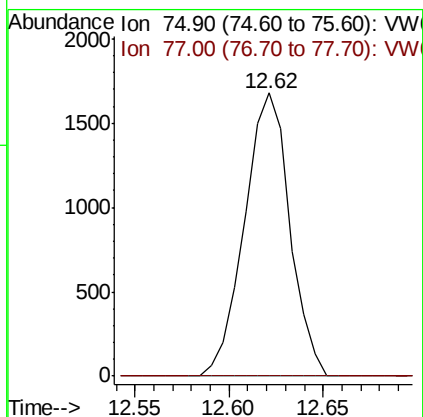
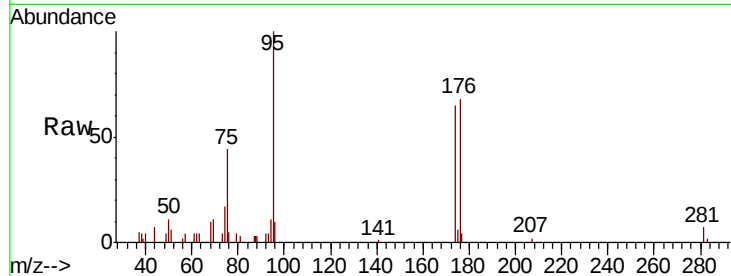
TP-8-S2RE

Tot Ion: 75 Resp: 2801

Ion Ratio Lower Upper

75 100

77 0.0 170.0 510.1#



#77

Bromobenzene

Concen: 1.390 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

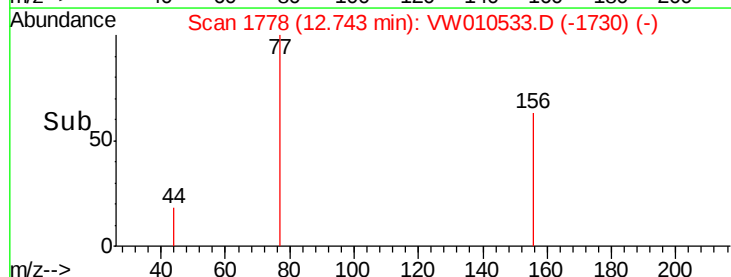
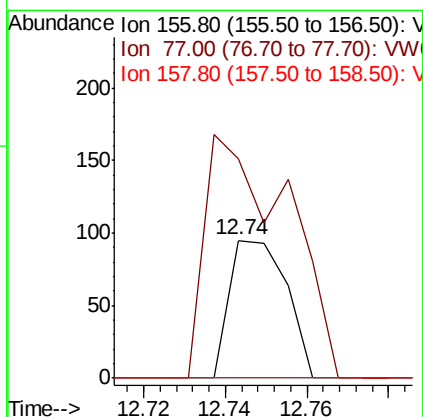
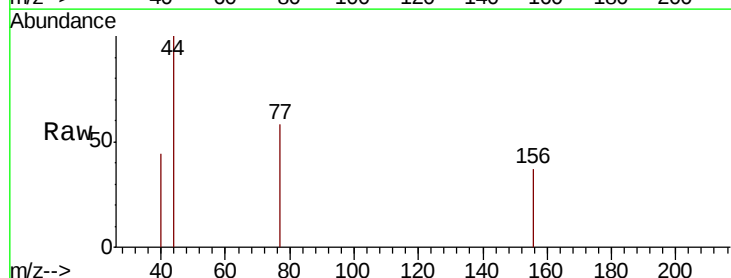
Tgt Ion: 156 Resp: 92

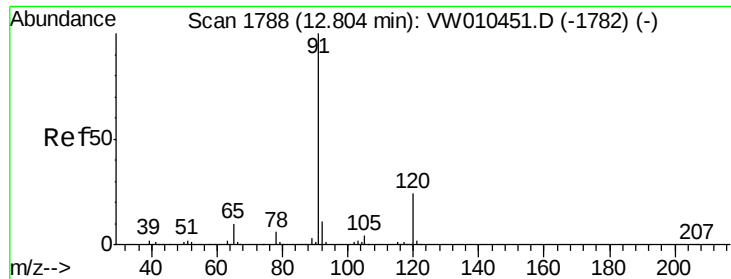
Ion Ratio Lower Upper

156 100

77 256.5 92.4 277.2

158 0.0 48.3 144.8#





#78

n-propylbenzene

Concen: 1.622 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

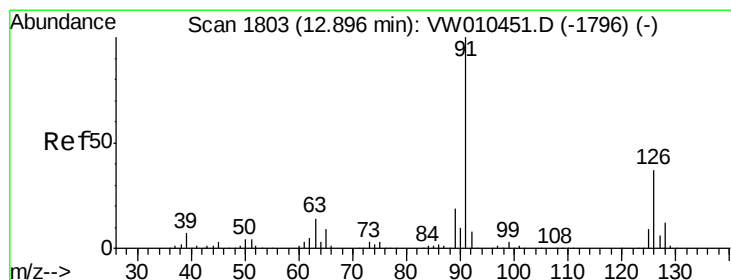
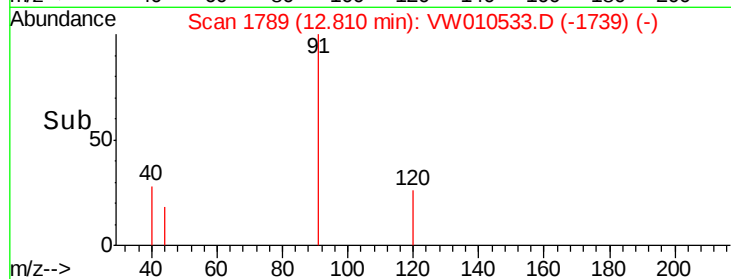
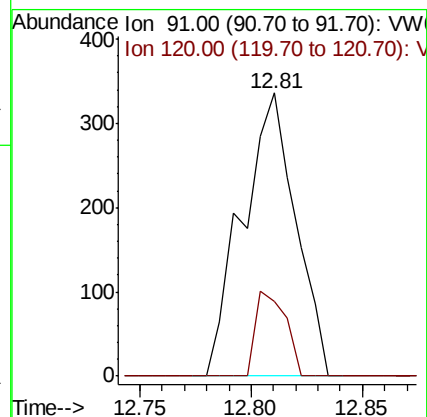
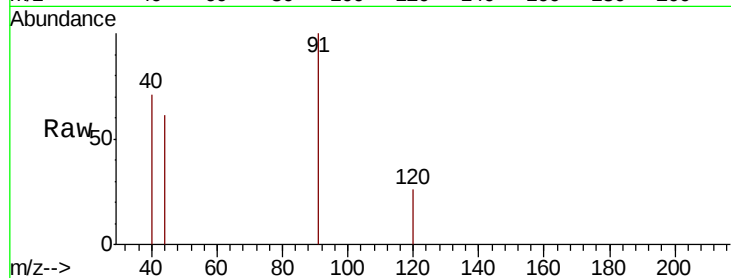
TP-8-S2RE

Tot Ion: 91 Resp: 559

Ion Ratio Lower Upper

91 100

120 16.8 12.3 36.8



#79

2-Chlorotoluene

Concen: 1.496 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010533.D

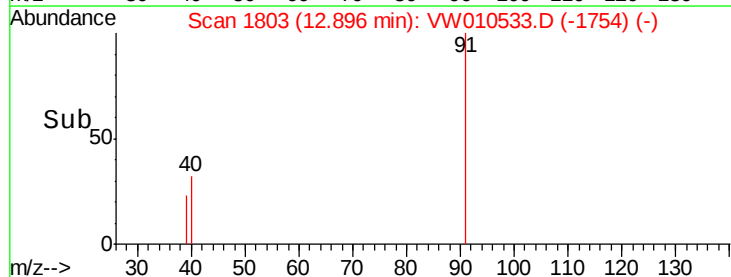
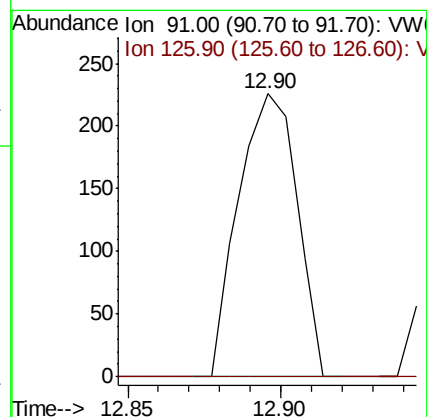
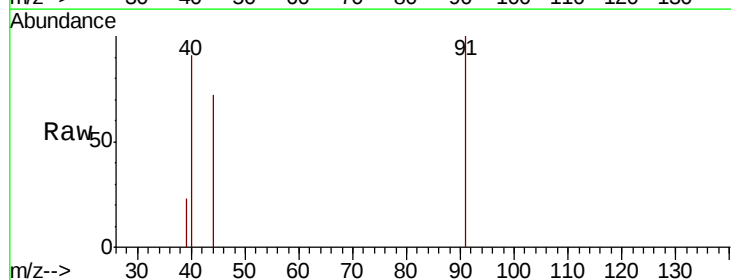
Acq: 23 May 2019 16:42

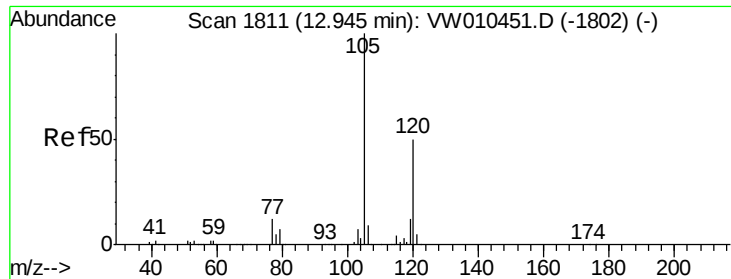
Tgt Ion: 91 Resp: 299

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#

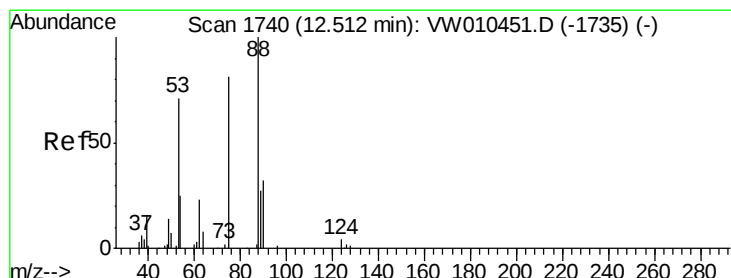
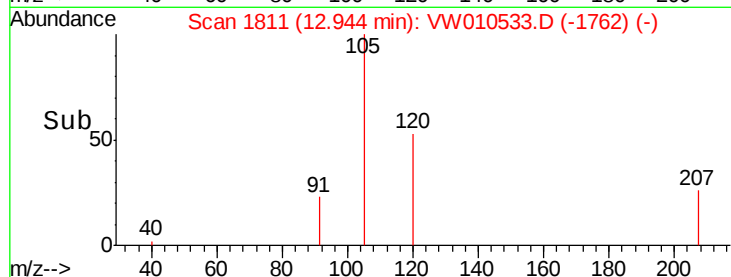
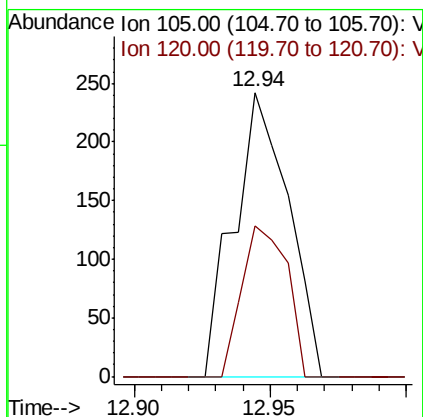
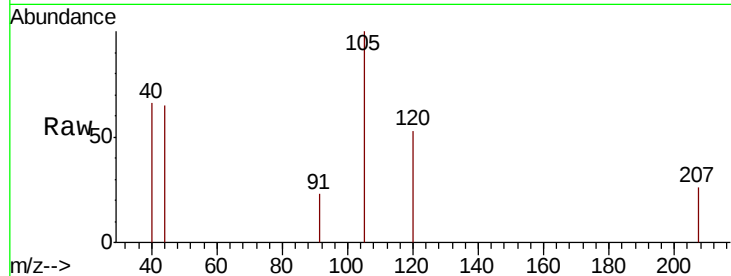




#80
 1,3,5-Trimethylbenzene
 Concen: 1.346 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

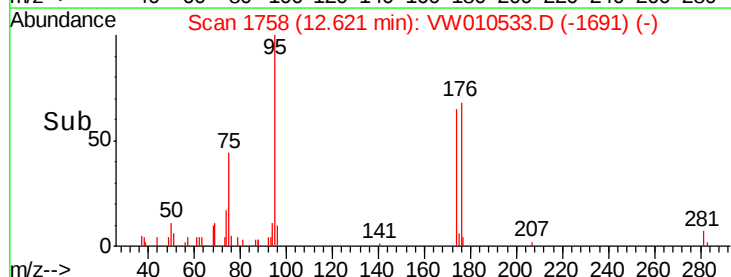
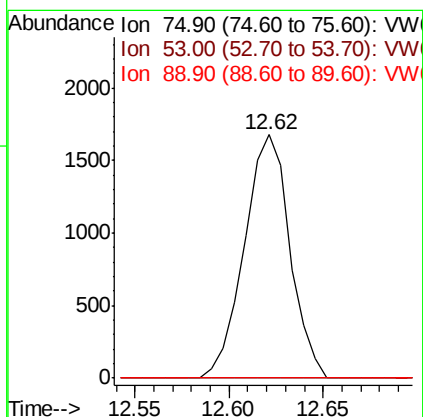
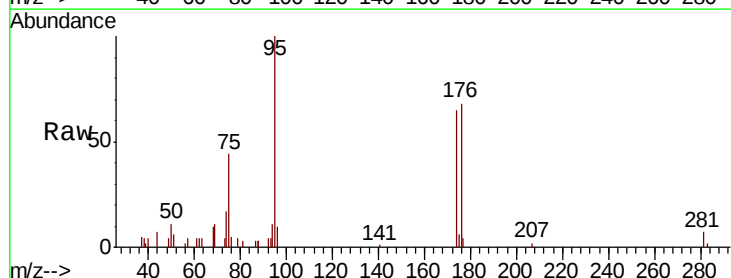
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S2RE

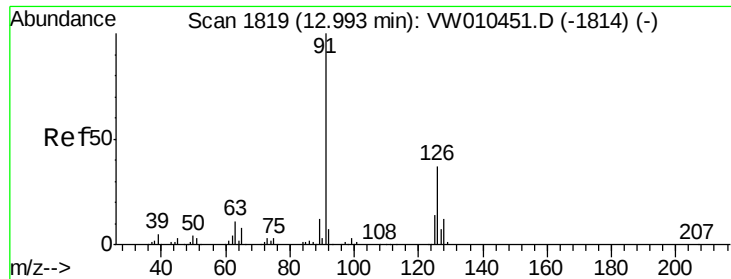
Tot Ion:105 Resp: 337
 Ion Ratio Lower Upper
 105 100
 120 43.9 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.563 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Tgt Ion: 75 Resp: 2801
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.8#
 89 0.0 39.5 59.3#

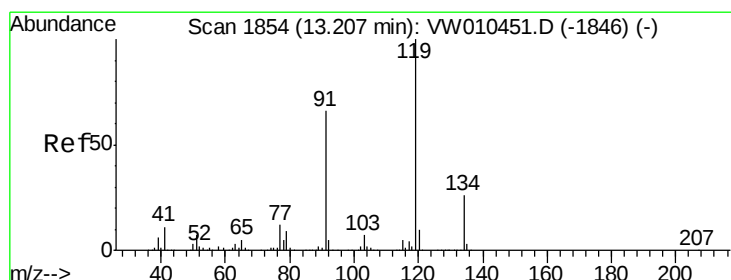
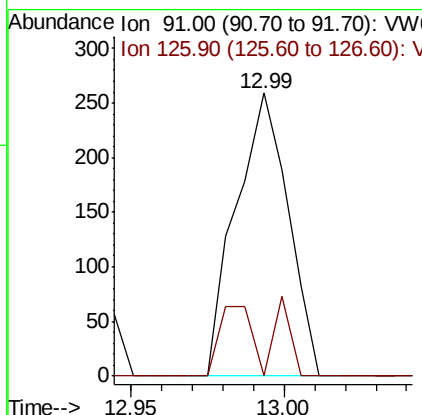
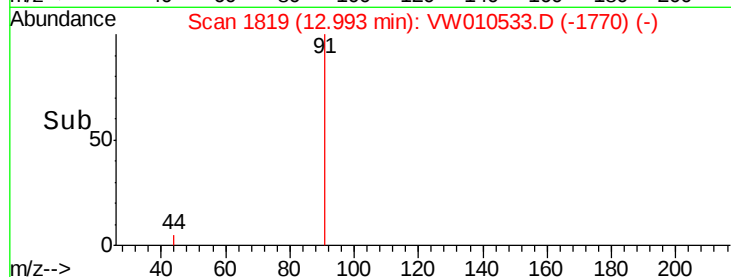
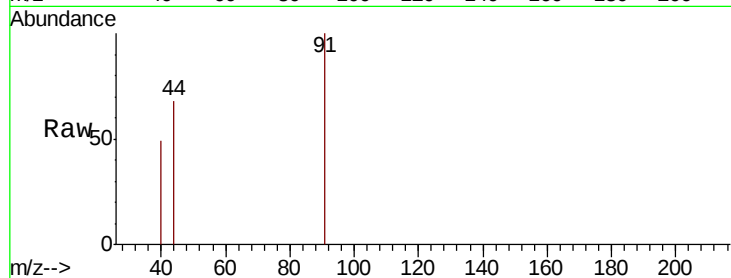




#82
4-Chlorotoluene
Concen: 1.475 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

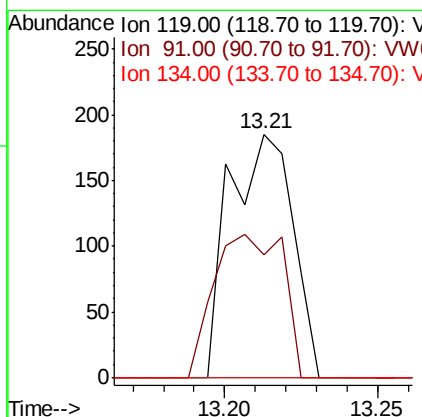
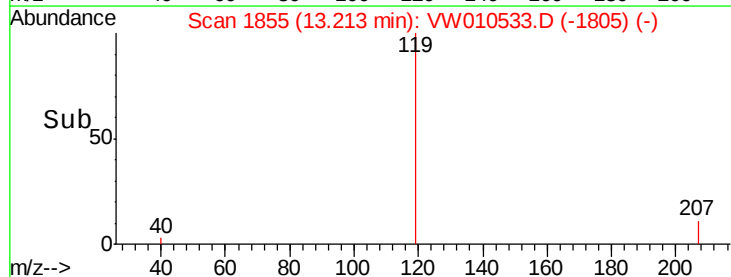
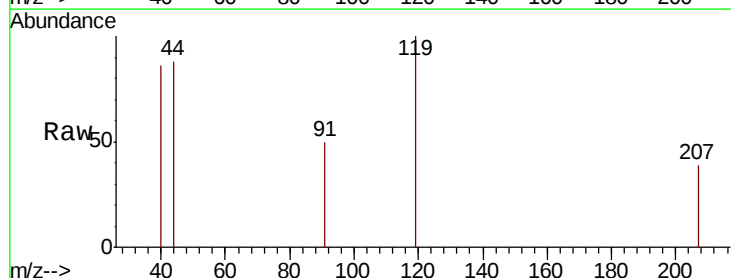
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S2RE

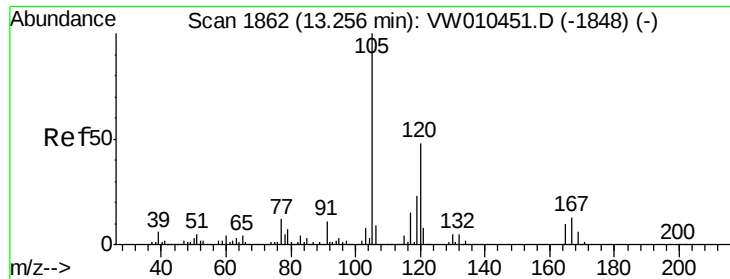
Tot Ion: 91 Resp: 306
Ion Ratio Lower Upper
91 100
126 15.0 17.5 52.6#



#83
tert-Butylbenzene
Concen: 1.221 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VW010533.D
Acq: 23 May 2019 16:42

Tgt Ion: 119 Resp: 267
Ion Ratio Lower Upper
119 100
91 63.7 33.1 99.5
134 0.0 13.9 41.6#

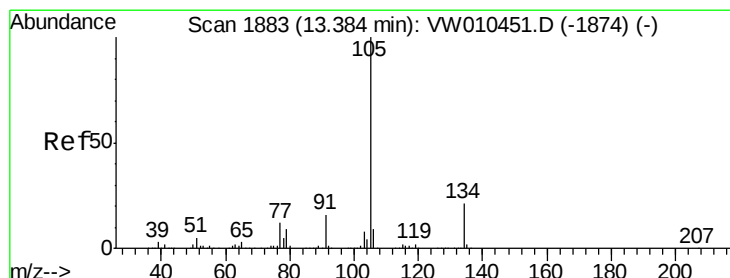
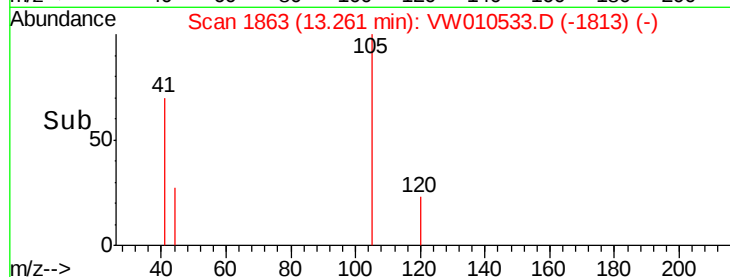
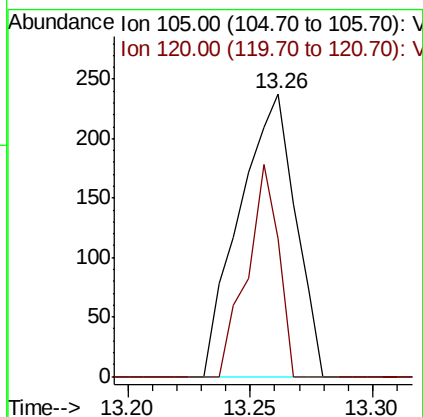
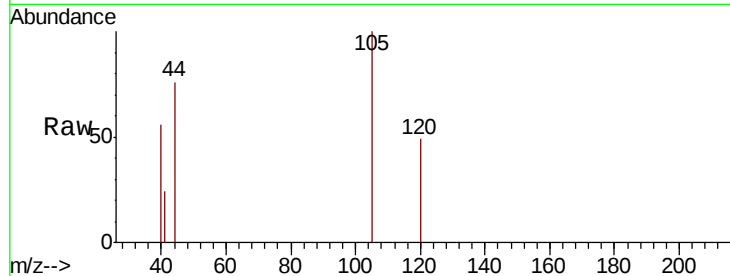




#84
 1,2,4-Trimethylbenzene
 Concen: 1.516 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

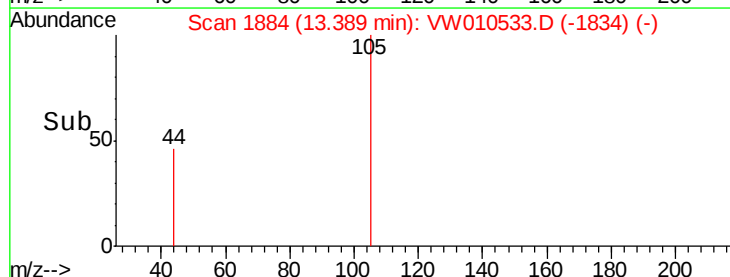
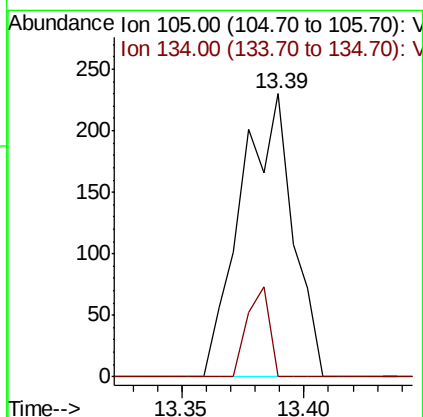
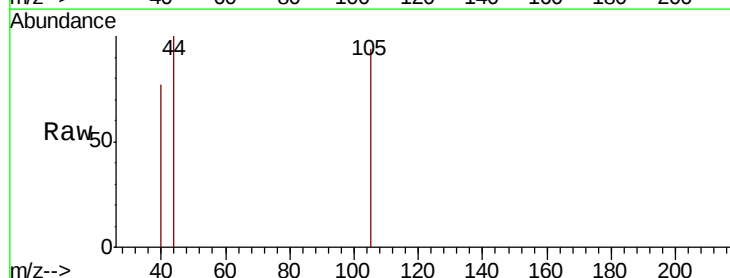
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S2RE

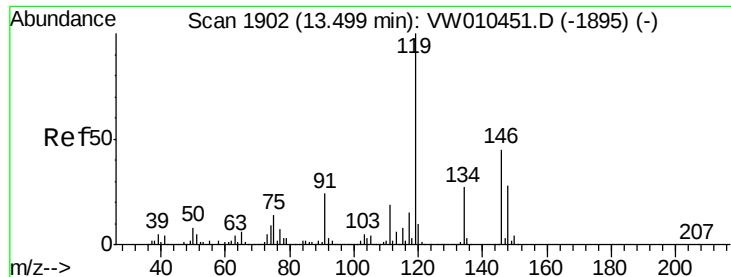
Tot Ion:105 Resp: 378
 Ion Ratio Lower Upper
 105 100
 120 42.3 23.4 70.2



#85
 sec-Butylbenzene
 Concen: 1.117 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Tgt Ion:105 Resp: 342
 Ion Ratio Lower Upper
 105 100
 134 13.5 10.5 31.6

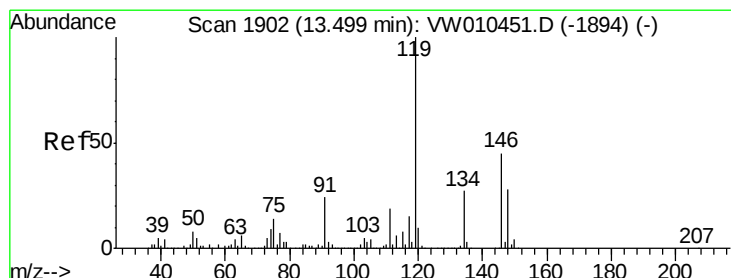
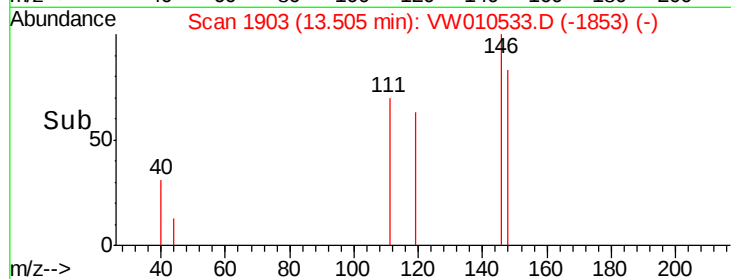
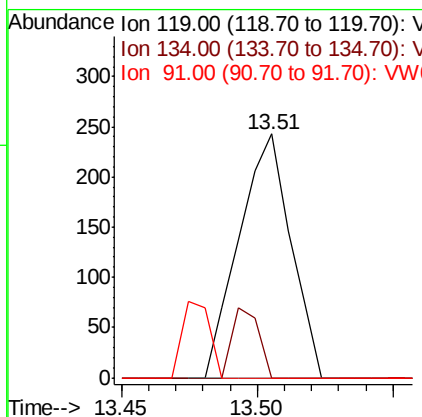
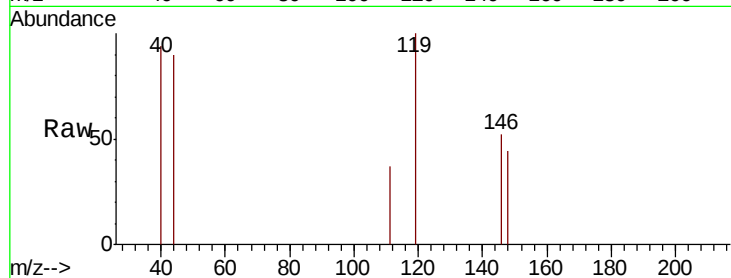




#86
 p-Isopropyltoluene
 Concen: 1.155 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

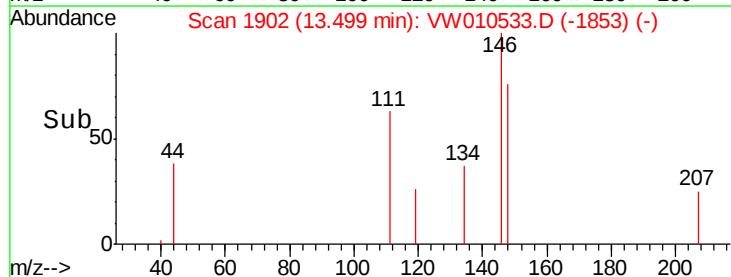
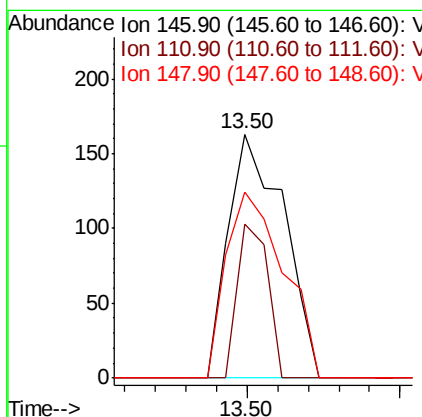
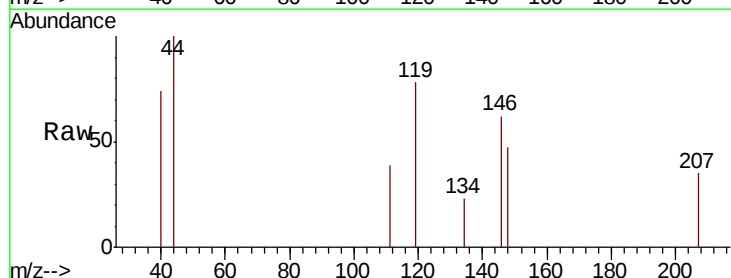
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S2RE

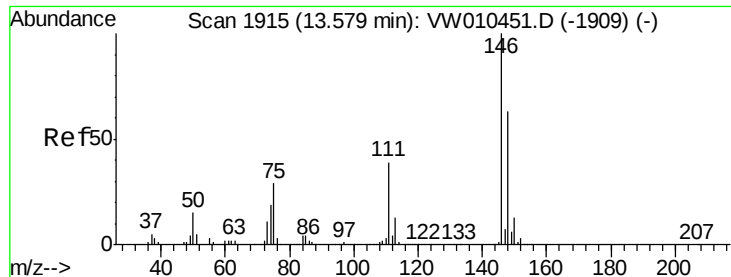
Tot Ion:119 Resp: 320
 Ion Ratio Lower Upper
 119 100
 134 15.0 13.6 40.7
 91 0.0 11.9 35.7#



#87
 1,3-Dichlorobenzene
 Concen: 1.579 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Tgt Ion:146 Resp: 205
 Ion Ratio Lower Upper
 146 100
 111 34.1 20.3 60.9
 148 78.5 31.6 94.8

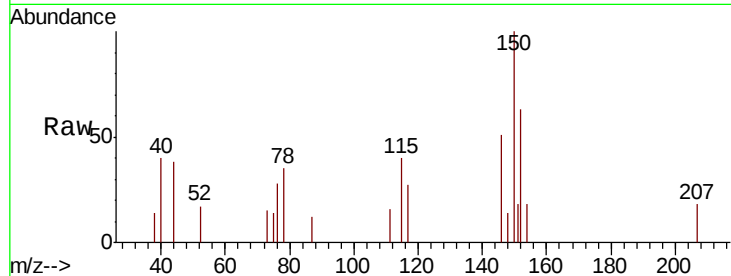




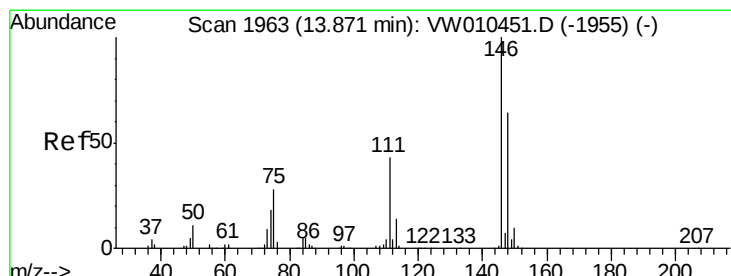
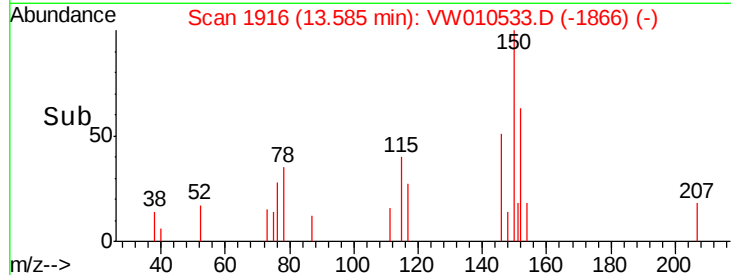
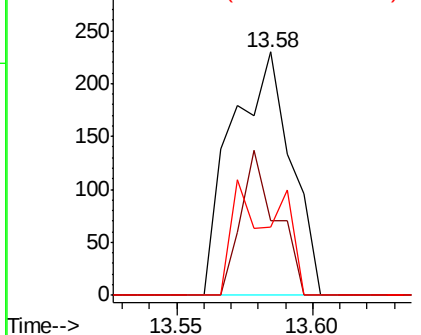
#88
 1,4-Dichlorobenzene
 Concen: 2.657 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2RE

Tot Ion:146 Resp: 346
 Ion Ratio Lower Upper
 146 100
 111 35.8 19.9 59.6
 148 35.5 31.6 94.8

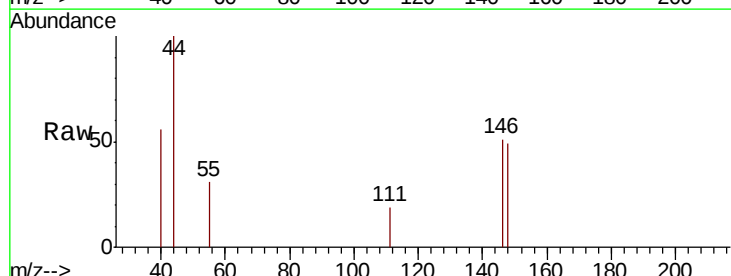


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

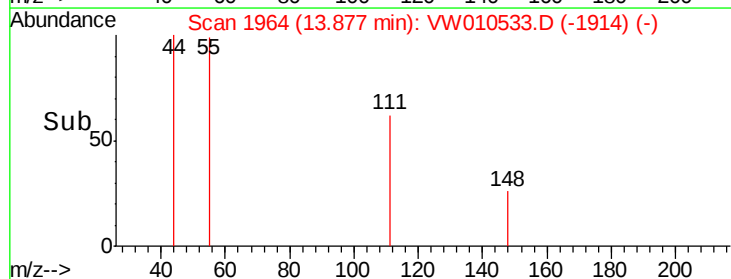
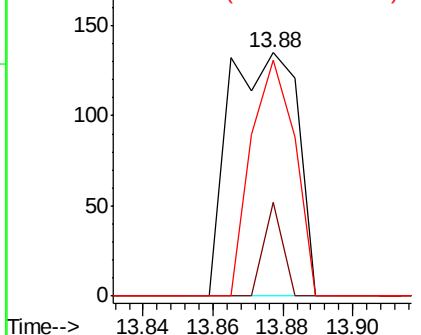


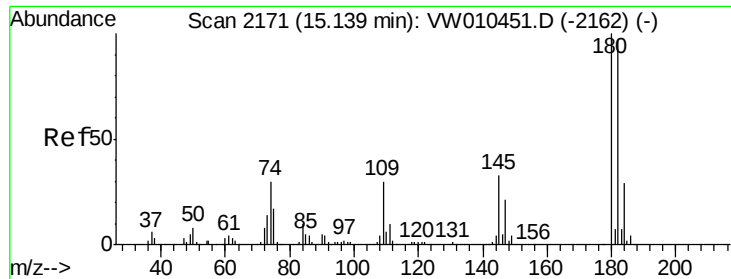
#91
 1,2-Dichlorobenzene
 Concen: 1.556 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Tgt Ion:146 Resp: 184
 Ion Ratio Lower Upper
 146 100
 111 10.3 21.3 64.0#
 148 61.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

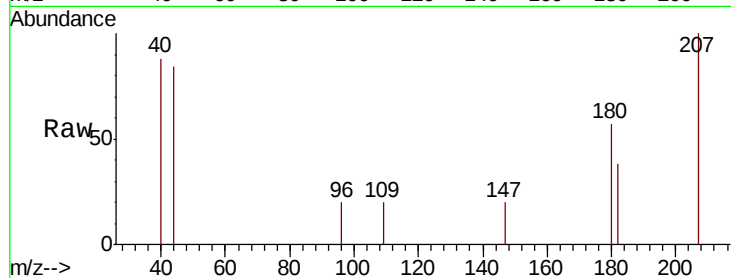




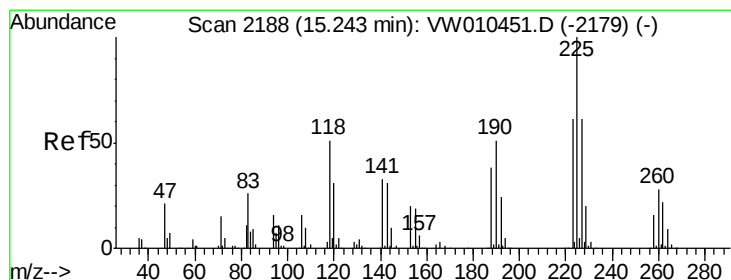
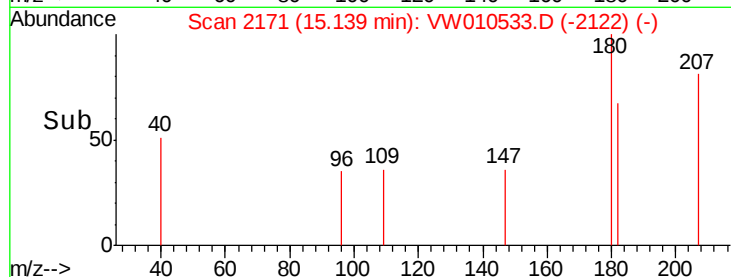
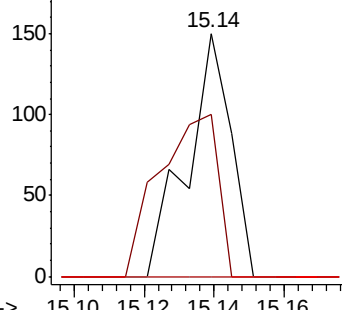
#93
 1,2,4-Trichlorobenzene
 Concen: 1.628 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2RE

Tot Ion:180 Resp: 131
 Ion Ratio Lower Upper
 180 100
 182 89.3 47.0 141.2
 145 0.0 16.7 50.0#

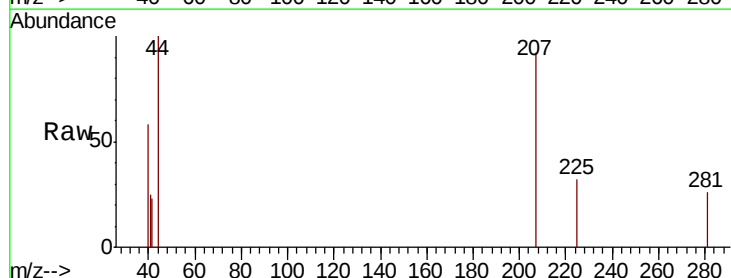


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

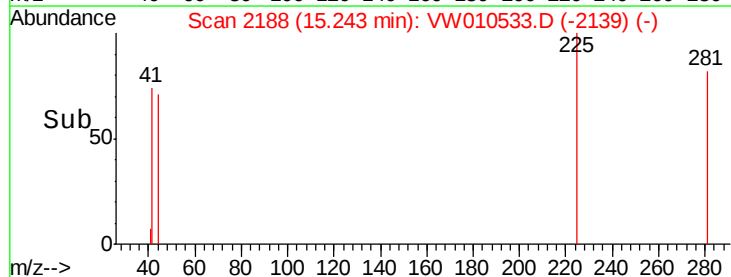
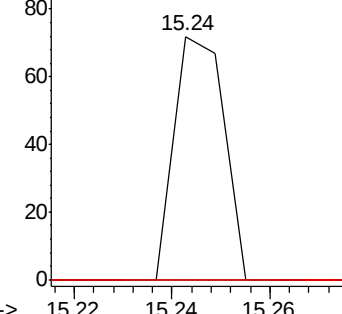


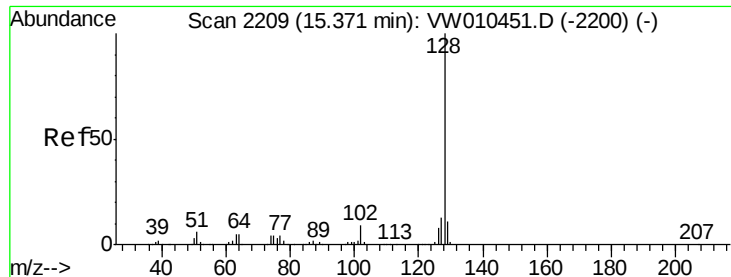
#94
 Hexachlorobutadiene
 Concen: 1.186 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010533.D
 Acq: 23 May 2019 16:42

Tgt Ion:225 Resp: 51
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.1 93.5#



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: 2.202 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

TP-8-S2RE

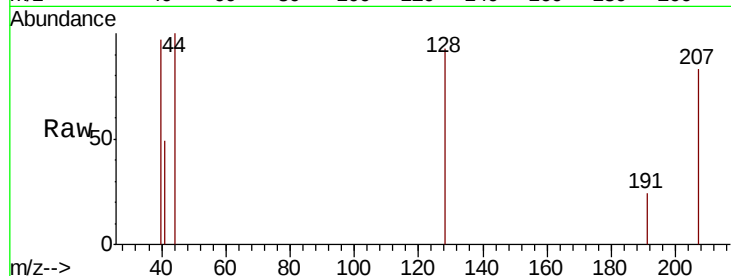
Tot Ion:128 Resp: 372

Ion Ratio Lower Upper

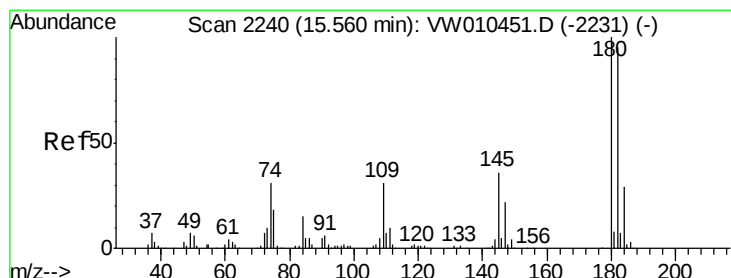
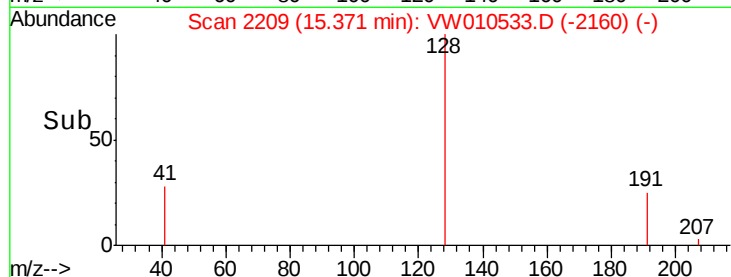
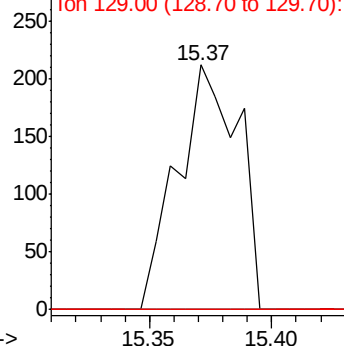
128 100

127 0.0 10.6 15.8#

129 0.0 8.9 13.3#



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: 1.747 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010533.D

Acq: 23 May 2019 16:42

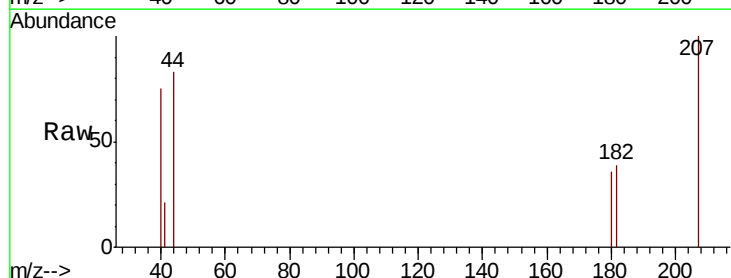
Tgt Ion:180 Resp: 121

Ion Ratio Lower Upper

180 100

182 137.2 47.1 141.3

145 0.0 17.4 52.3#



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

