

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121119\
 Data File : VD064498.D
 Acq On : 11 Dec 2019 13:51
 Operator : VA/SY
 Sample : K6247-01
 Misc : 8.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200059

Quant Time: Dec 12 03:05:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	18160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	27857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	29294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	10962	66.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.38%	
35) Dibromofluoromethane	7.92	113	9821	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	10.34	98	33029	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.63	95	13019	61.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.54%	

Target Compounds

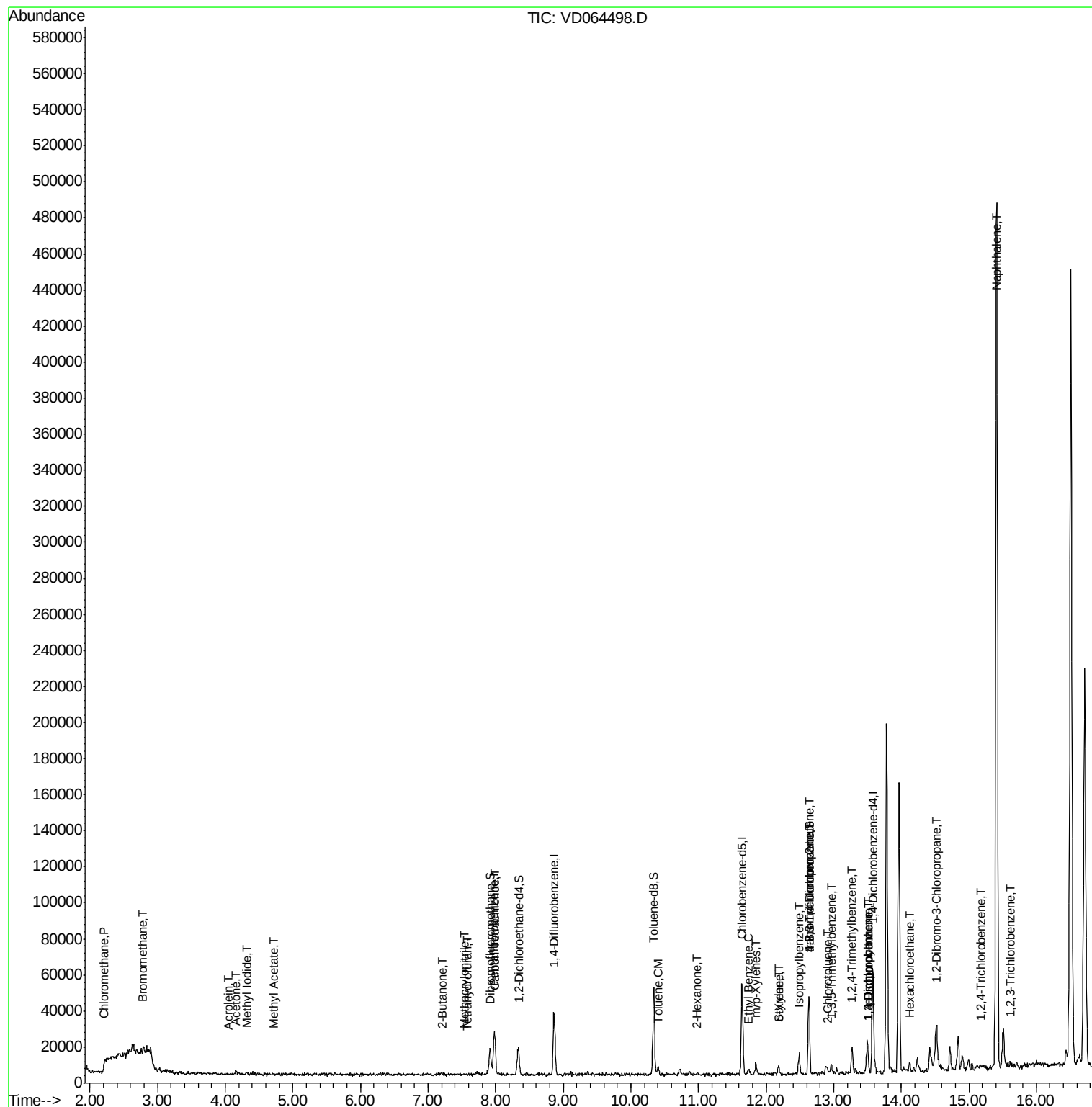
					Qvalue	
3) Chloromethane	2.20	50	477	2.298	ug/l	92
5) Bromomethane	2.79	94	871	4.915	ug/l	85
10) Methyl Iodide	4.31	142	276	1.530	ug/l #	40
13) Acrolein	4.05	56	66	4.625	ug/l #	14
16) Acetone	4.16	43	2519	75.835	ug/l #	85
18) Methyl Acetate	4.73	43	123	1.269	ug/l #	51
25) 2-Butanone	7.21	43	549	11.687	ug/l #	49
29) Tetrahydrofuran	7.58	42	113	3.781	ug/l #	33
31) Cyclohexane	7.97	56	321	Below Cal	#	1
38) Carbon Tetrachloride	7.99	117	1575	5.664	ug/l #	11
41) Methacrylonitrile	7.54	41	74	1.154	ug/l #	26
52) Toluene	10.40	92	1833	3.843	ug/l	76
59) 2-Hexanone	10.97	43	119	1.577	ug/l #	26
67) Ethyl Benzene	11.74	91	2788	2.565	ug/l #	72
68) m/p-Xylenes	11.85	106	2021	4.876	ug/l	99
69) o-Xylene	12.18	106	987	2.578	ug/l	94
70) Styrene	12.20	104	1030	1.548	ug/l #	87
73) Isopropylbenzene	12.48	105	1323	1.201	ug/l	95
76) 1,2,3-Trichloropropane	12.63	75	6877	54.596	ug/l #	100
79) 2-Chlorotoluene	12.91	91	1140	1.630	ug/l #	58
80) 1,3,5-Trimethylbenzene	12.96	105	2883	3.203	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.63	75	6877	119.047	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.27	105	7940	8.771	ug/l	95
86) p-Isopropyltoluene	13.51	119	1498	1.477	ug/l #	45
87) 1,3-Dichlorobenzene	13.53	146	571	1.106	ug/l	92
88) 1,4-Dichlorobenzene	13.53	146	571	1.120	ug/l	94
90) Hexachloroethane	14.12	117	393	2.072	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	722	24.270	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	716	2.119	ug/l	76
95) Naphthalene	15.41	128	431047	764.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	344	1.193	ug/l #	79

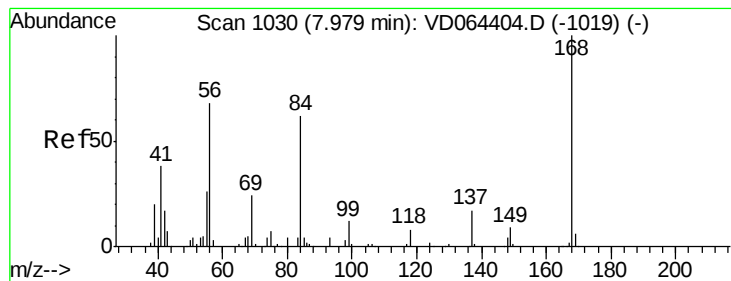
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

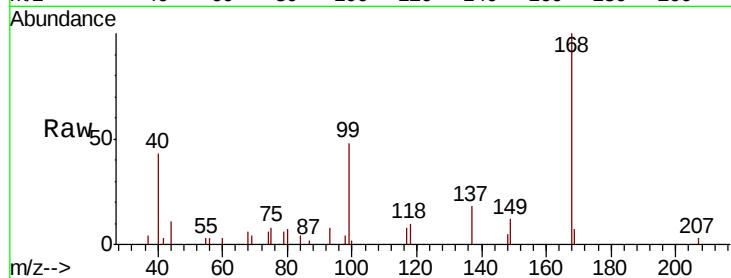
RBR200059

Tot Ion:168 Resp: 18160

Ion Ratio Lower Upper

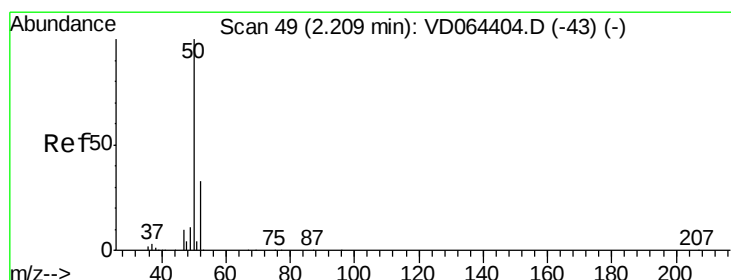
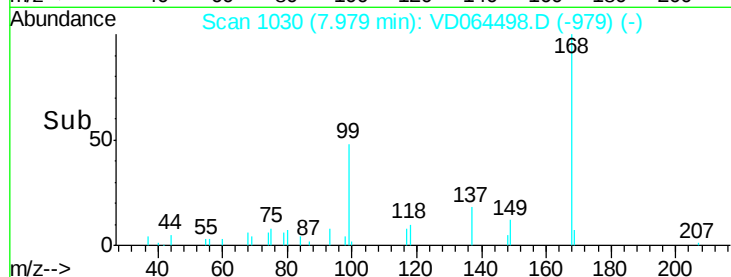
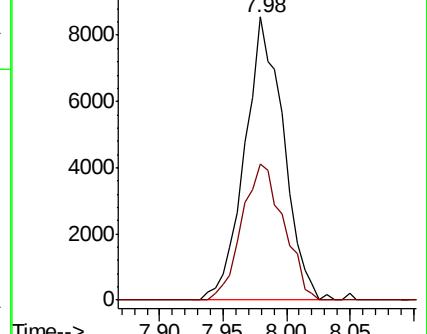
168 100

99 48.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 2.298 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD064498.D

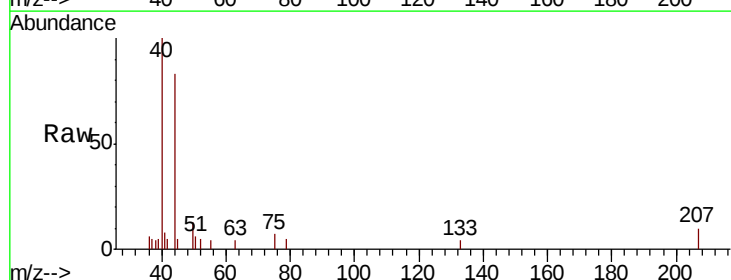
Acq: 11 Dec 2019 13:51

Tgt Ion: 50 Resp: 477

Ion Ratio Lower Upper

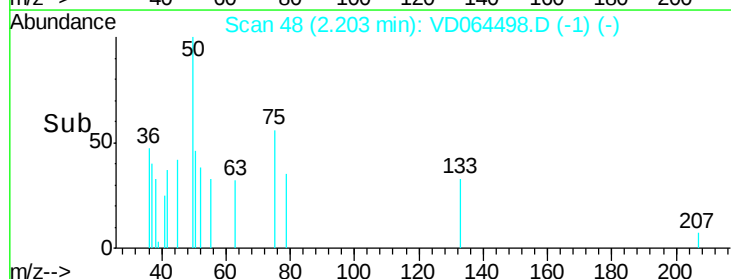
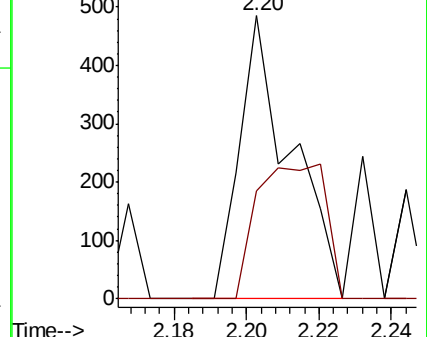
50 100

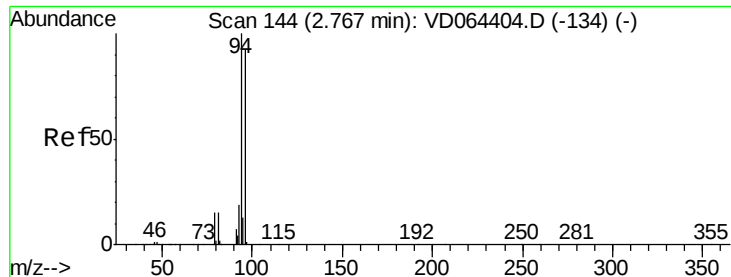
52 38.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 4.915 ug/l

RT: 2.79 min Scan# 147

Delta R.T. 0.02 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

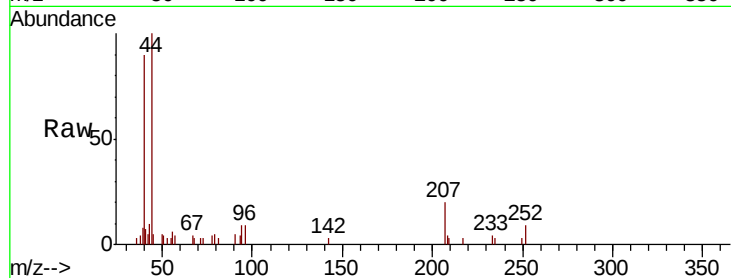
RBR200059

Tot Ion: 94 Resp: 871

Ion Ratio Lower Upper

94 100

96 106.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

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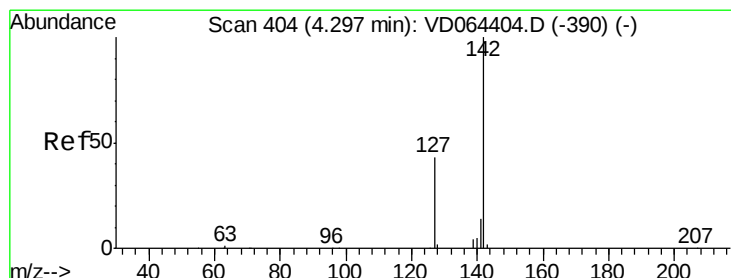
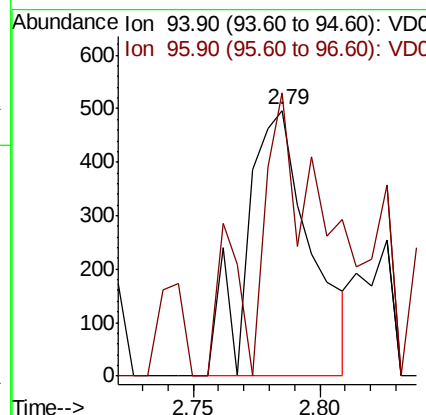
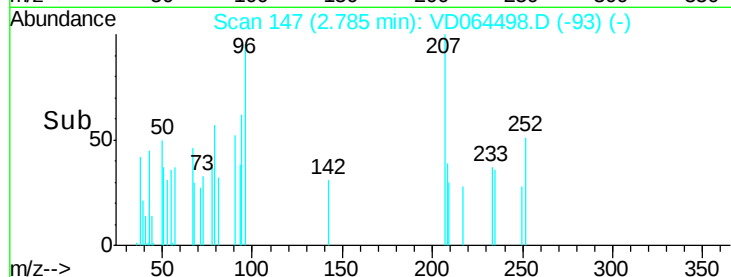
2.79

2.79

2.79

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2.79



#10

Methyl Iodide

Concen: 1.530 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

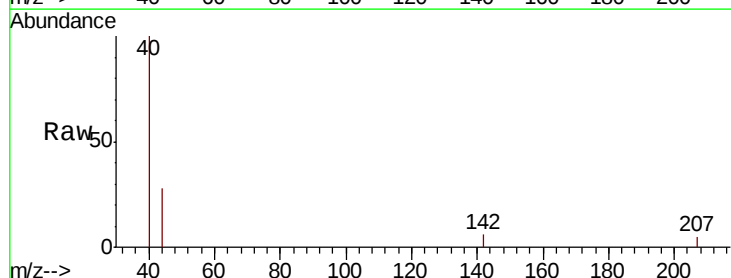
Tgt Ion: 142 Resp: 276

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

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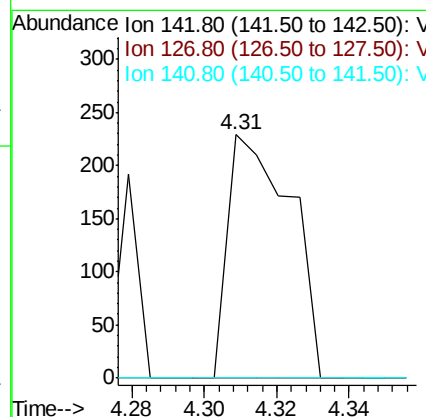
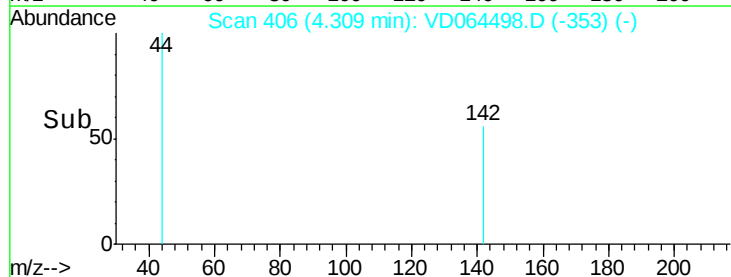
4.31

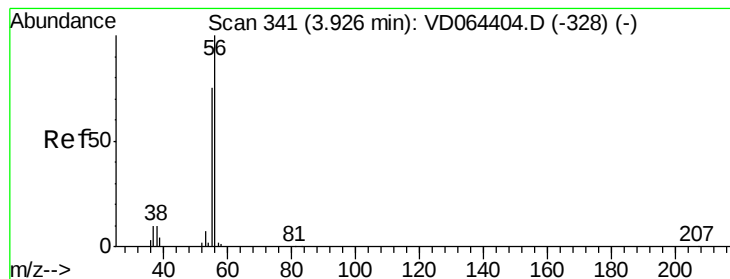
4.31

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4.31





#13

Acrolein

Concen: 4.625 ug/l

RT: 4.05 min Scan# 362

Delta R.T. 0.12 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

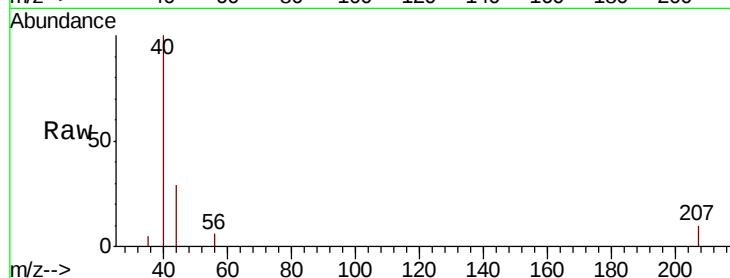
RBR200059

Tot Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

4.05

200

150

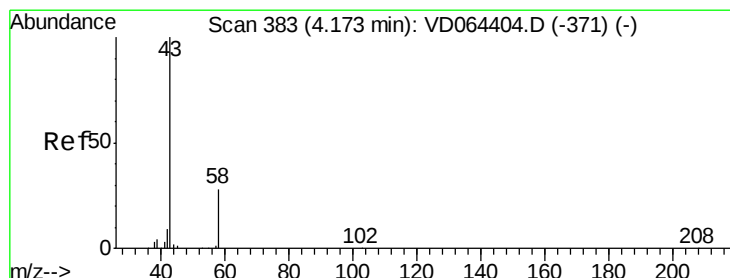
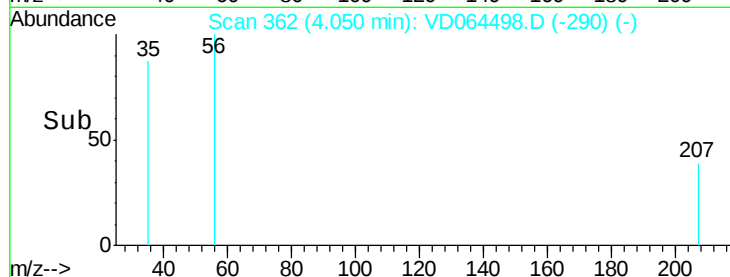
100

50

0

4.03 4.04 4.05 4.06 4.07

Time-->



#16

Acetone

Concen: 75.835 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064498.D

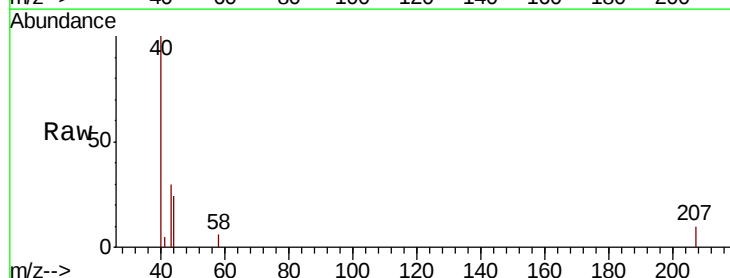
Acq: 11 Dec 2019 13:51

Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

58 20.1 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

1000

800

600

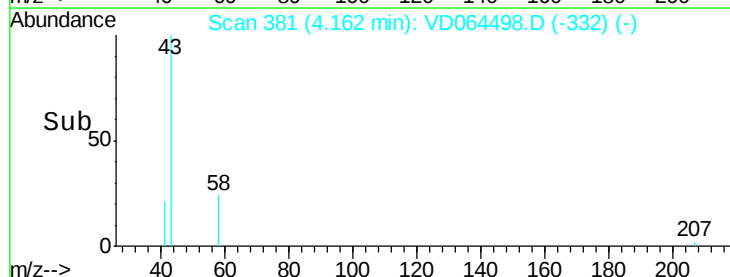
400

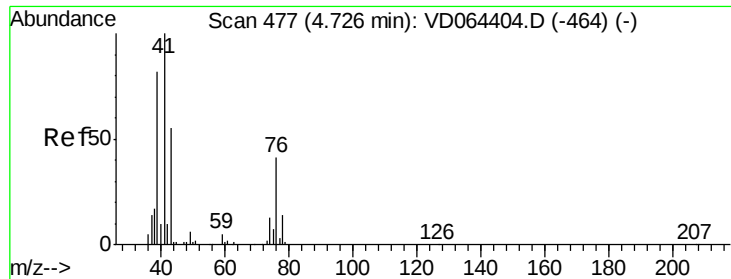
200

0

4.10 4.15 4.20 4.25

Time-->

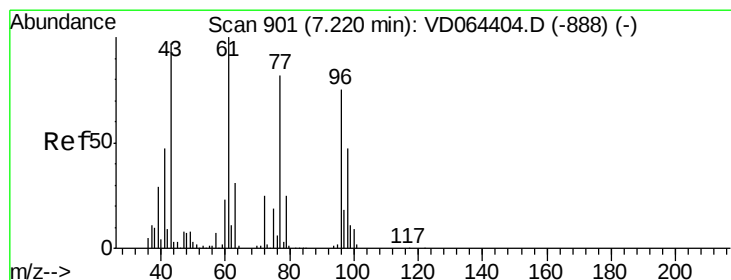
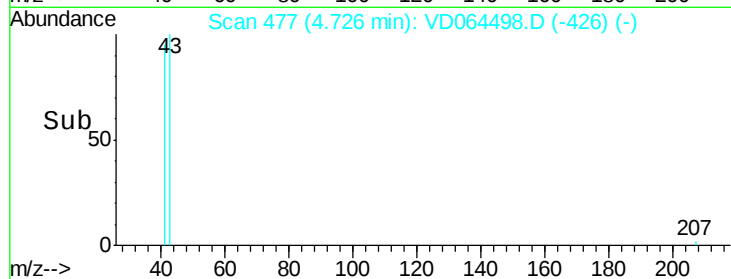
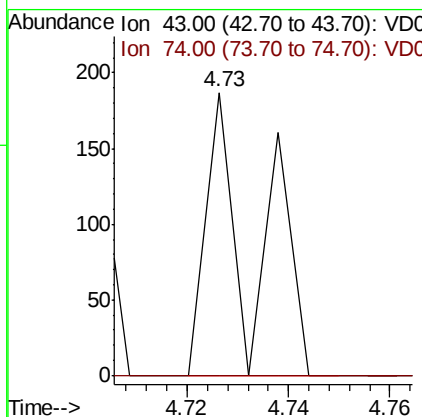
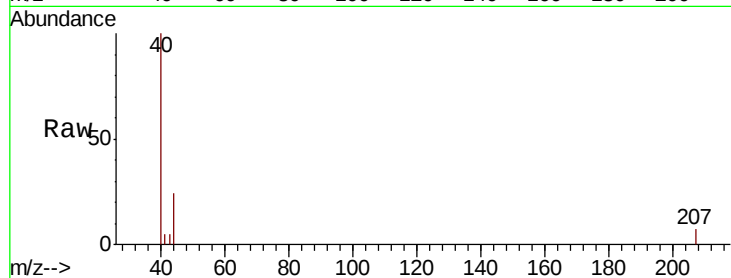




#18
Methyl Acetate
Concen: 1.269 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

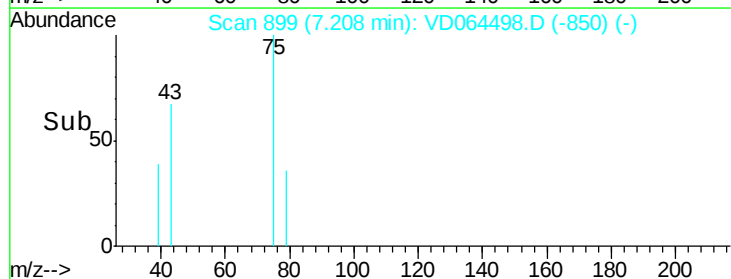
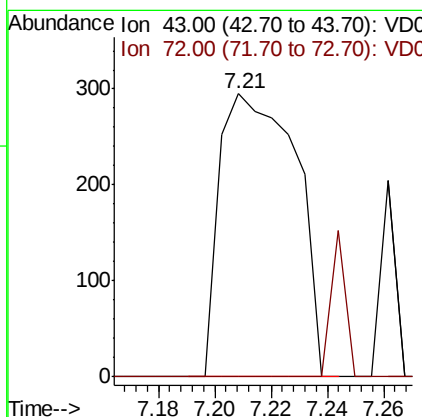
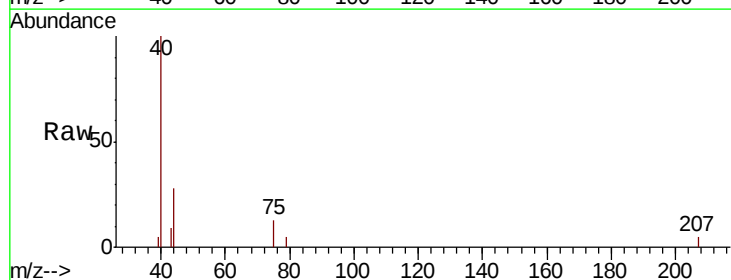
Instrument :
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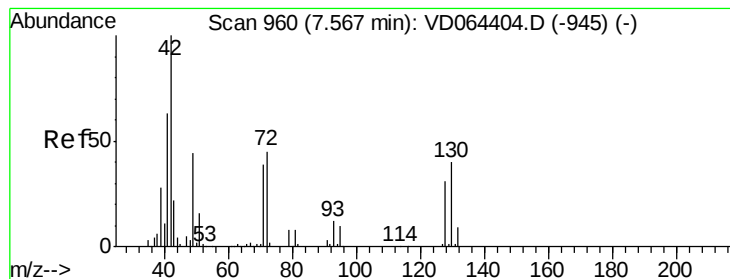
Tot Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#25
2-Butanone
Concen: 11.687 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#





#29

Tetrahydrofuran

Concen: 3.781 ug/l

RT: 7.58 min Scan# 963

Delta R.T. 0.02 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

RBR200059

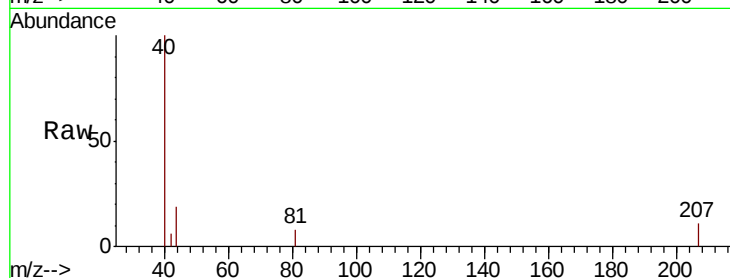
Tot Ion: 42 Resp: 113

Ion Ratio Lower Upper

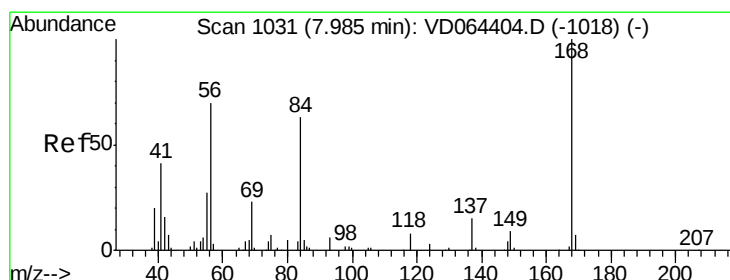
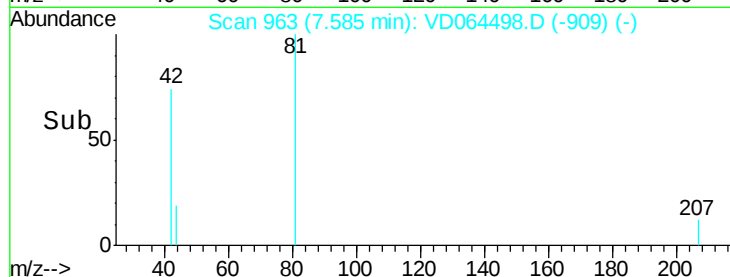
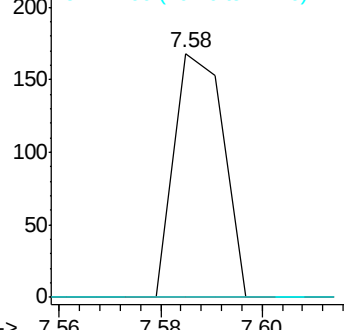
42 100

72 0.0 35.8 53.8#

71 0.0 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 7.97 min Scan# 1028

Delta R.T. -0.02 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

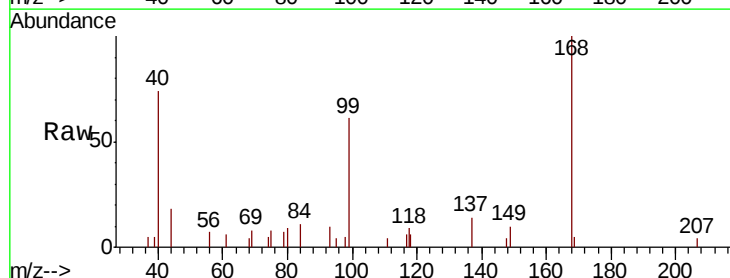
Tgt Ion: 56 Resp: 321

Ion Ratio Lower Upper

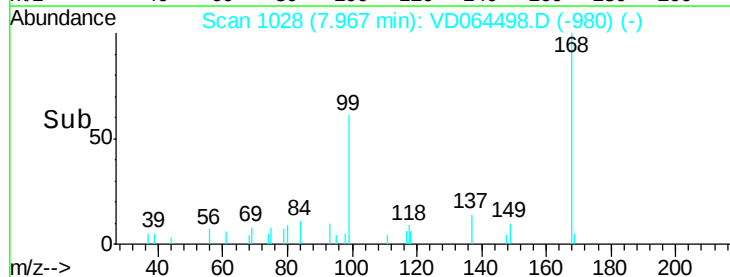
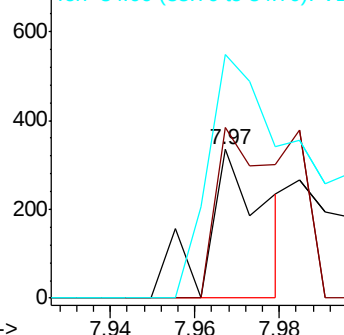
56 100

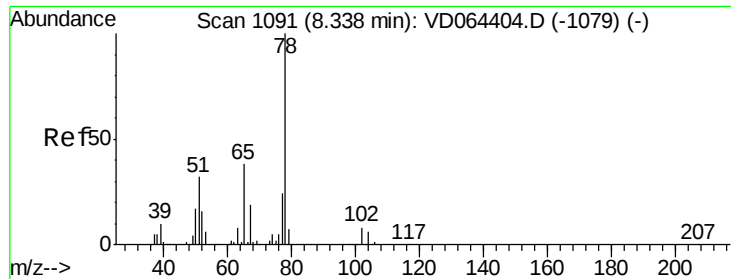
69 115.3 26.2 39.4#

84 164.1 70.3 105.5#



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

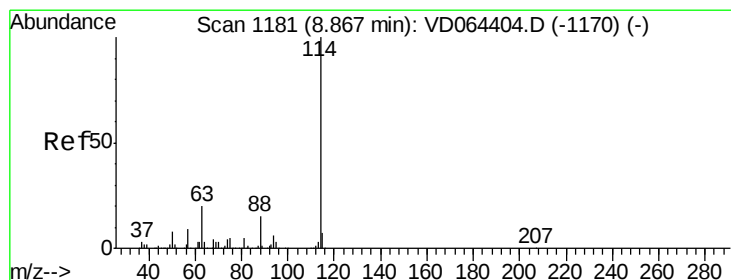
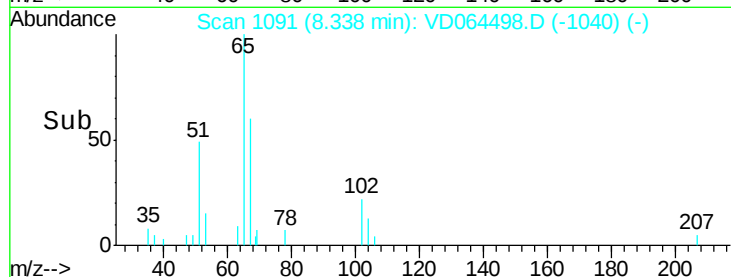
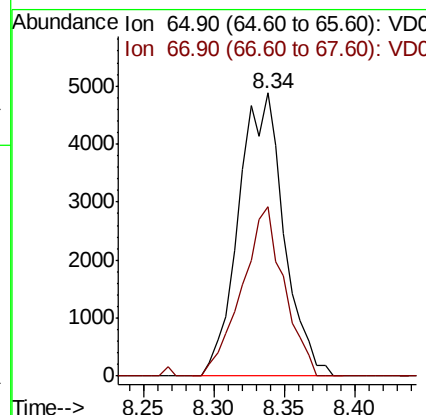
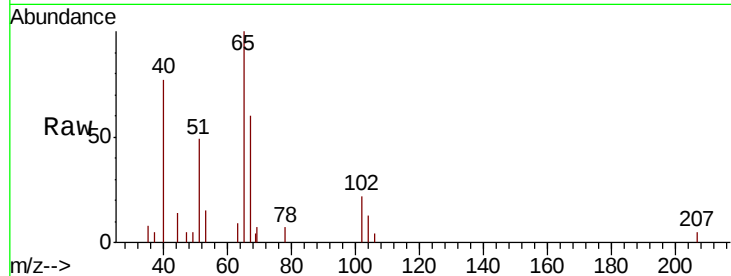




#33
 1,2-Dichloroethane-d4
 Concen: 66.689 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

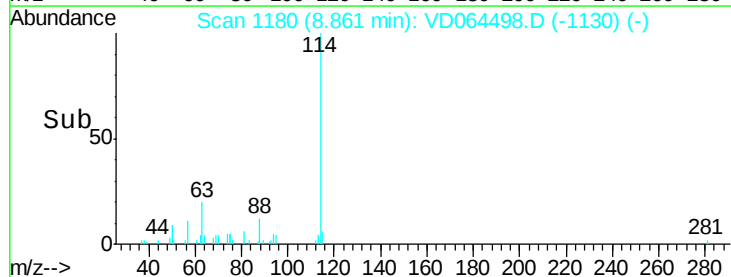
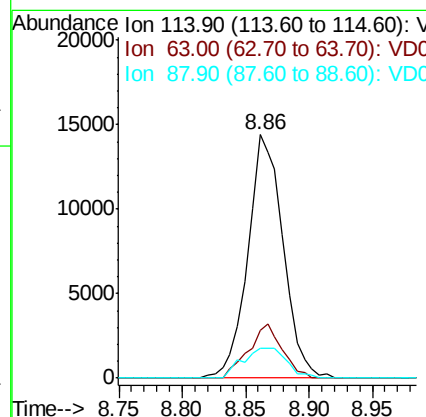
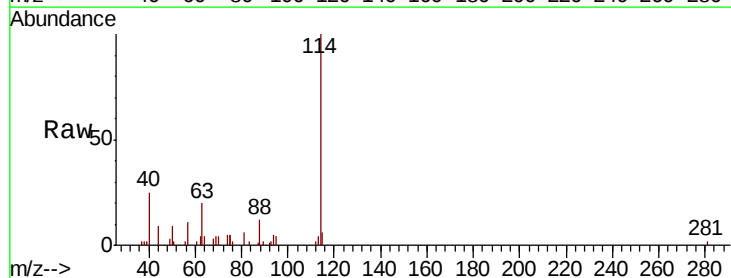
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200059

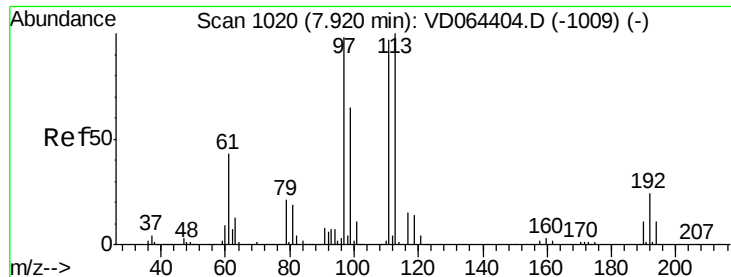
Tot Ion: 65 Resp: 10962
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

Tgt Ion: 114 Resp: 27857
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 12.1 0.0 29.2

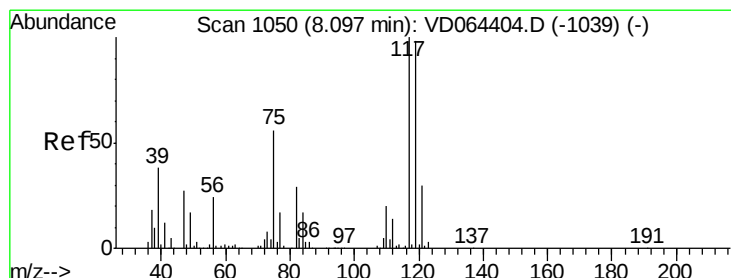
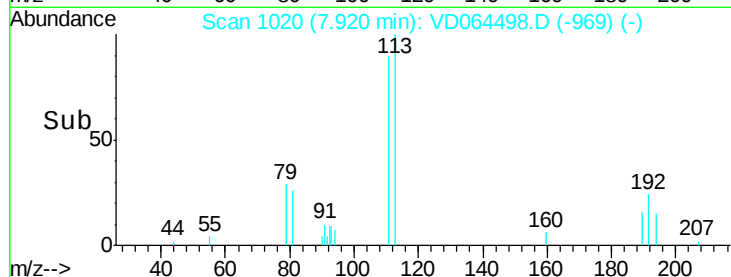
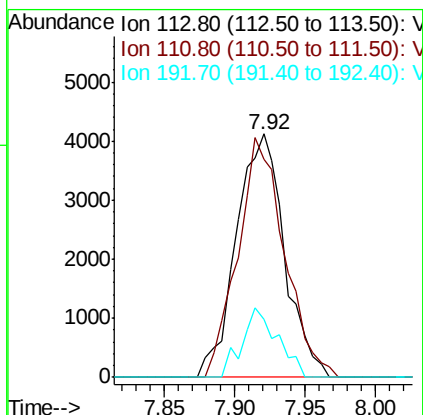
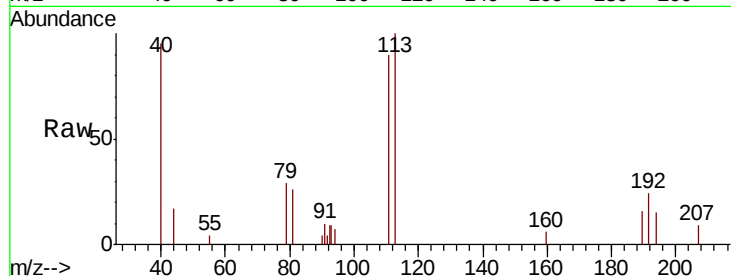




#35
 Dibromofluoromethane
 Concen: 55.956 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

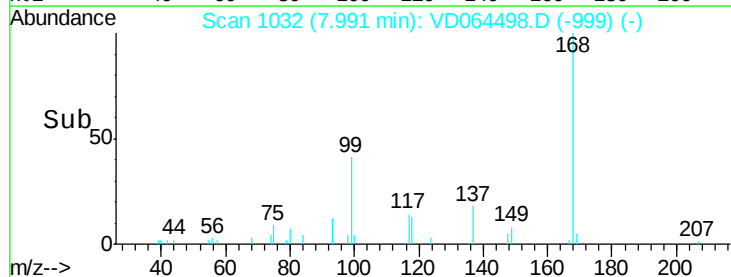
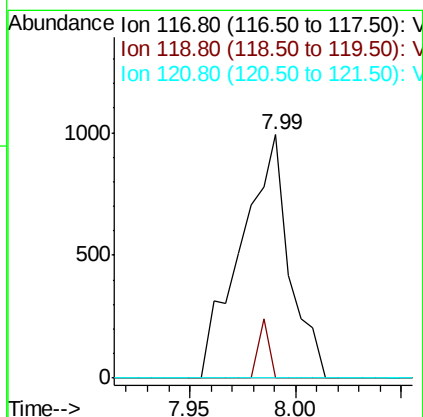
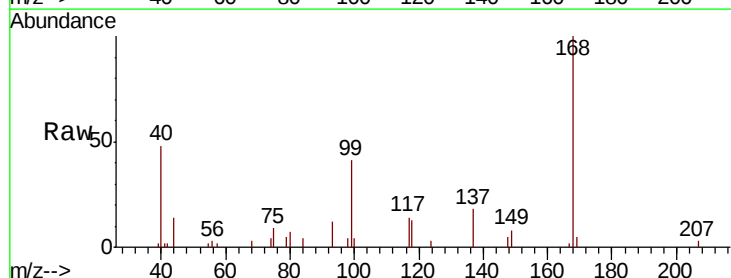
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200059

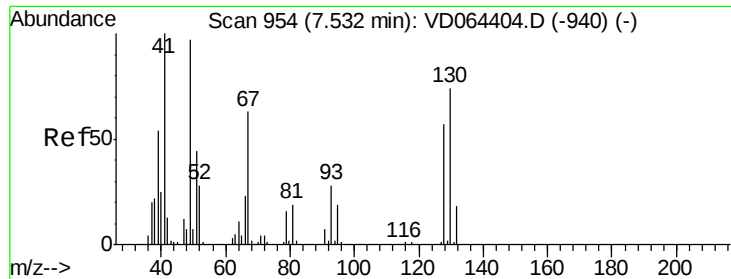
Tot Ion:113 Resp: 9821
 Ion Ratio Lower Upper
 113 100
 111 95.4 79.4 119.2
 192 20.9 18.6 28.0



#38
 Carbon Tetrachloride
 Concen: 5.664 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

Tgt Ion:117 Resp: 1575
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.8 118.2#
 121 0.0 24.2 36.2#

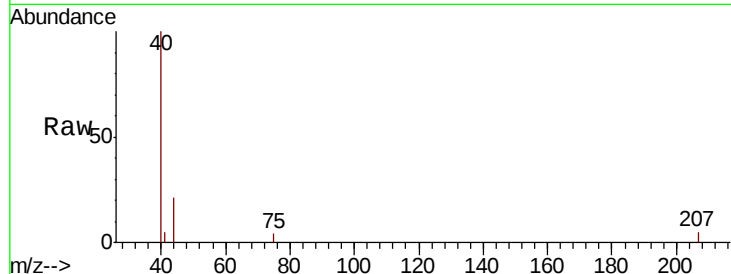




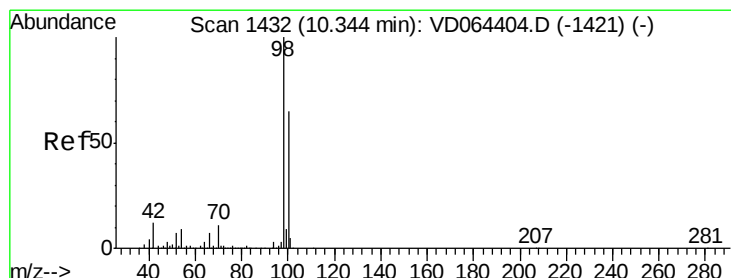
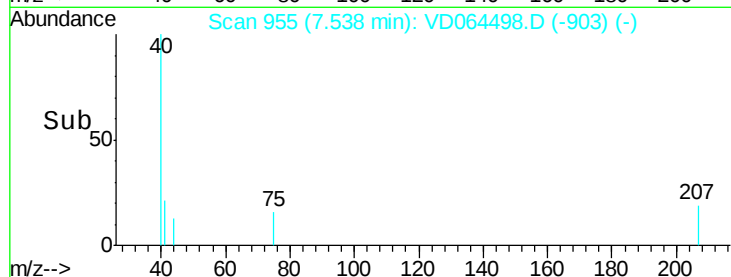
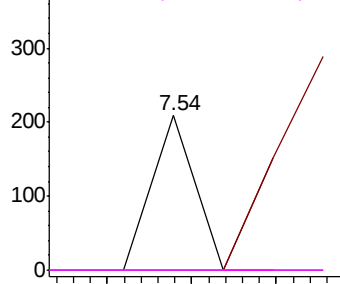
#41
Methacrylonitrile
Concen: 1.154 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Instrument :
MSVOA_D
ClientSampleId :
RBR200059

Tot Ion:	41	Resp:	74
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	50.9	76.3#
52	0.0	22.5	33.7#

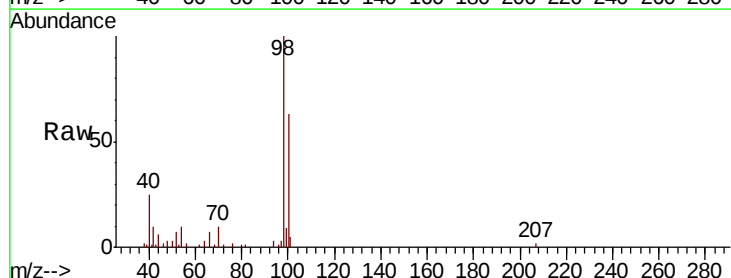


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

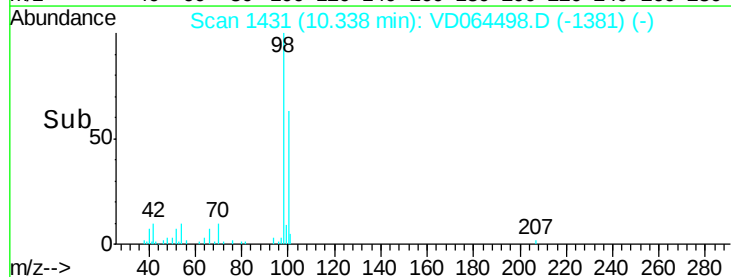
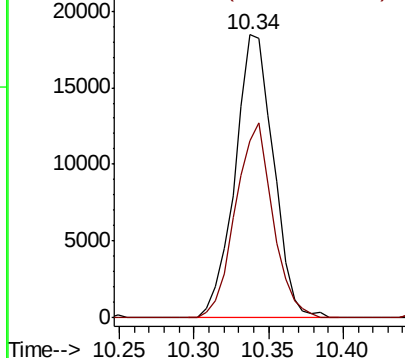


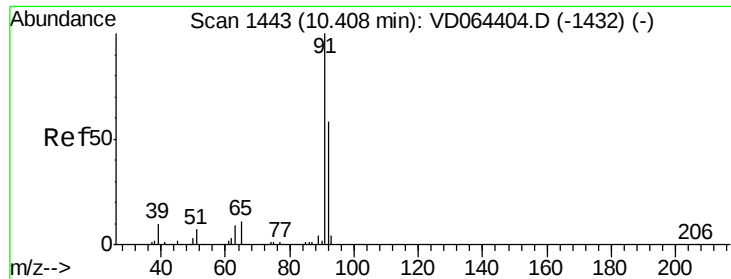
#50
Toluene-d8
Concen: 49.958 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Tgt Ion:	98	Resp:	33029
Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.6	79.0



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





#52

Toluene

Concen: 3.843 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

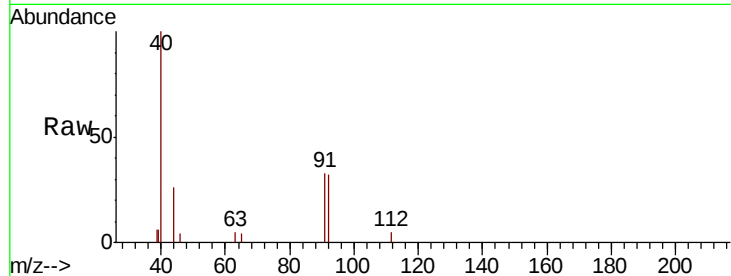
RBR200059

Tot Ion: 92 Resp: 1833

Ion Ratio Lower Upper

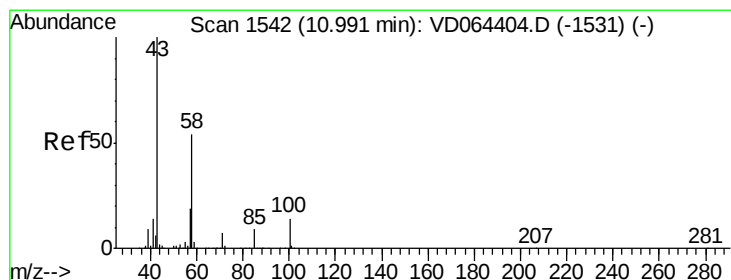
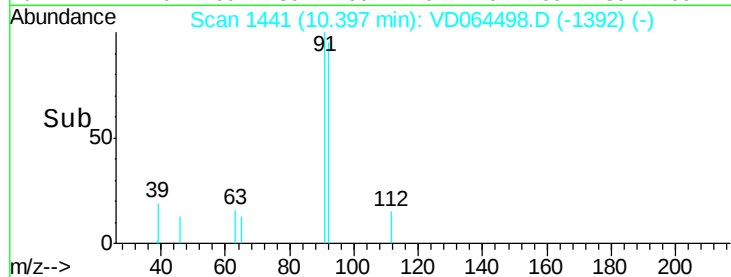
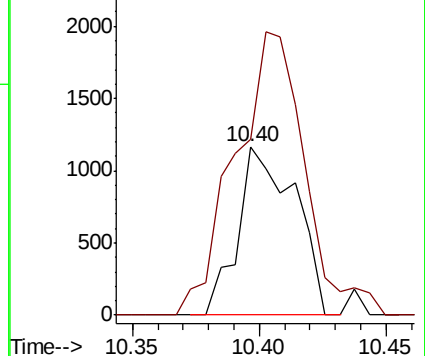
92 100

91 205.4 137.8 206.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#59

2-Hexanone

Concen: 1.577 ug/l

RT: 10.97 min Scan# 1539

Delta R.T. -0.02 min

Lab File: VD064498.D

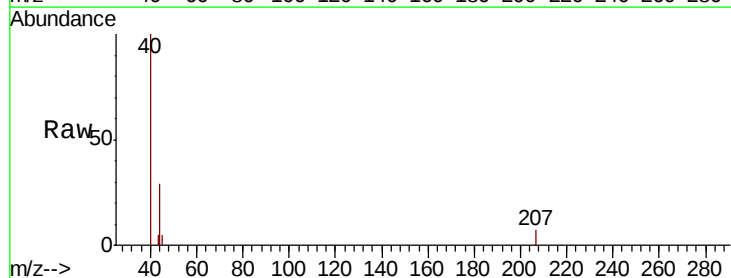
Acq: 11 Dec 2019 13:51

Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

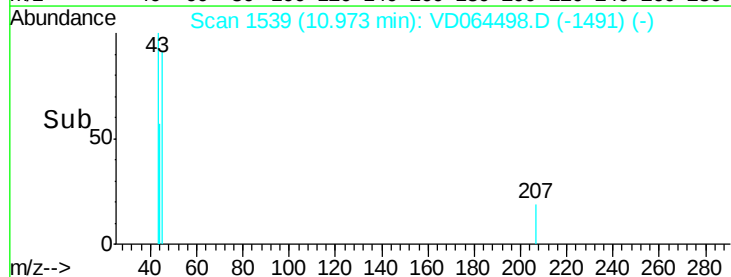
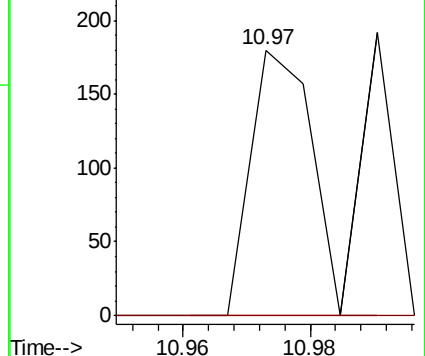
43 100

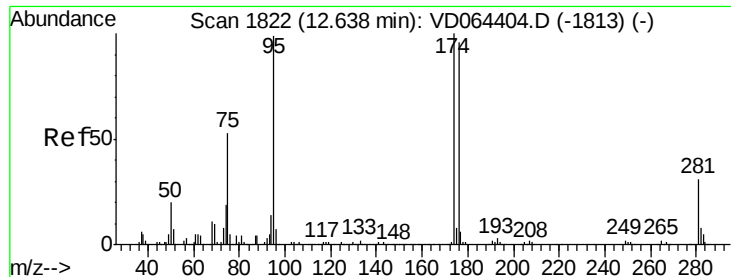
58 0.0 26.3 78.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

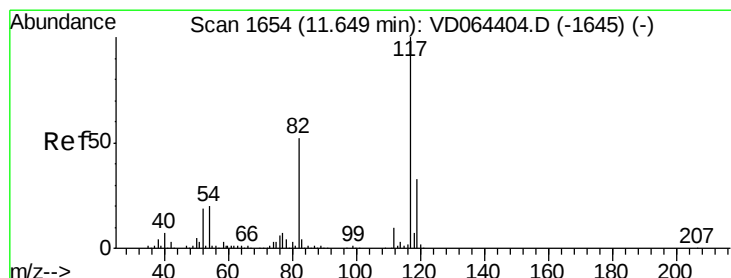
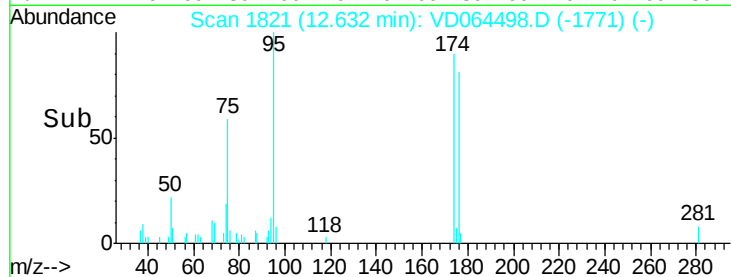
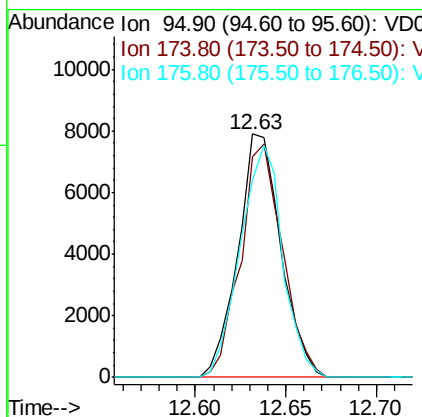
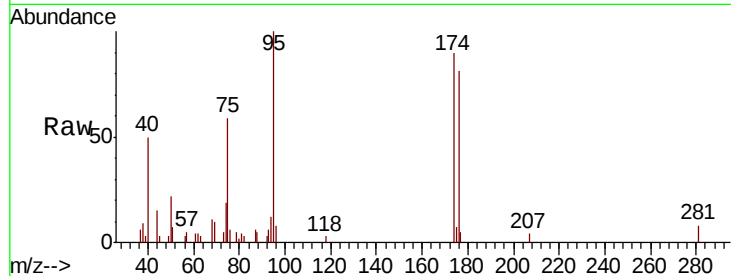




#62
4-Bromofluorobenzene
Concen: 61.274 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

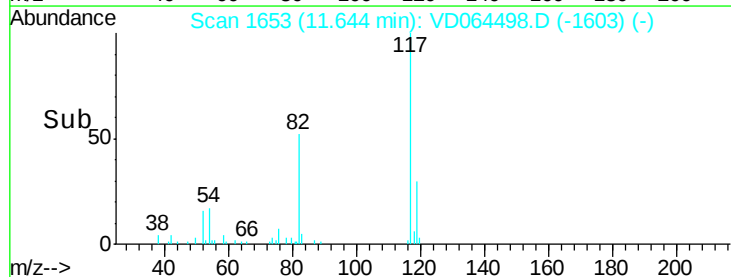
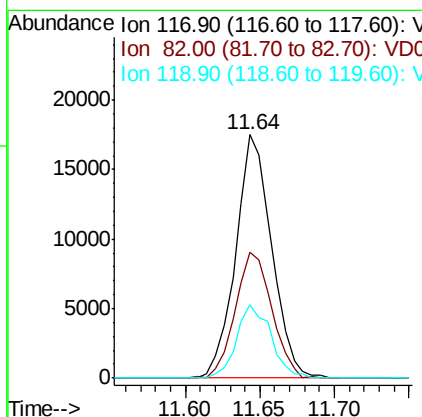
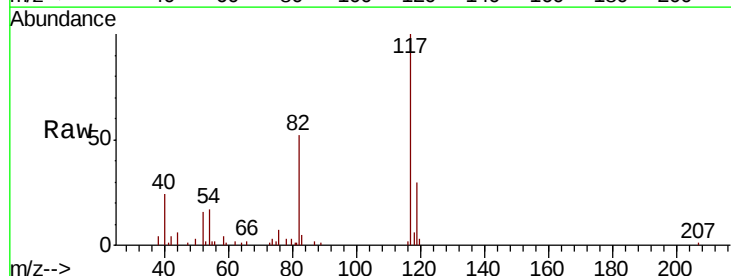
Instrument :
MSVOA_D
ClientSampleId :
RBR200059

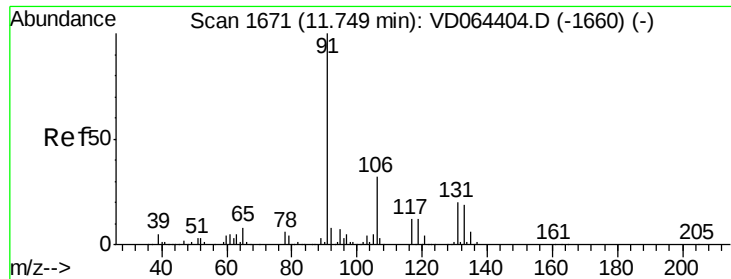
Tot Ion: 95 Resp: 13019
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.2
176 94.0 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Tgt Ion: 117 Resp: 29294
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 30.2 26.2 39.2

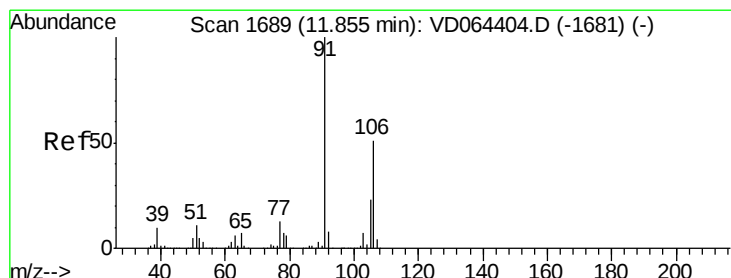
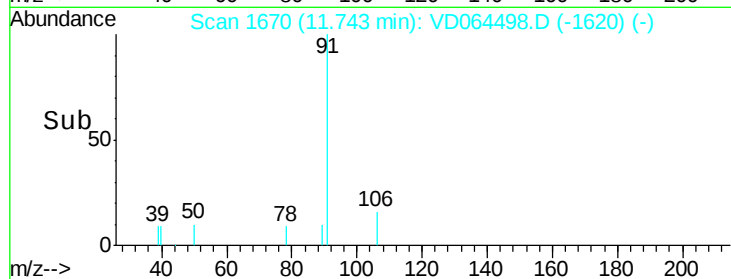
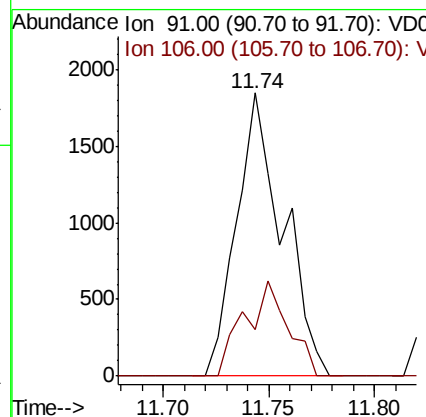
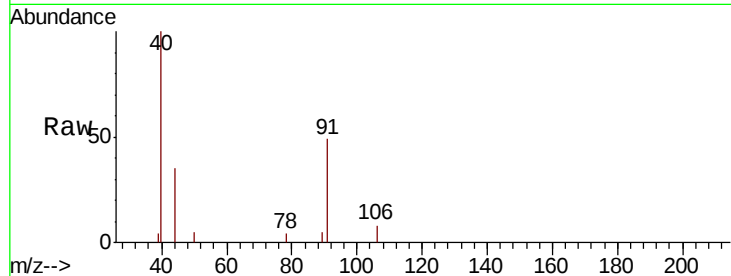




#67
Ethyl Benzene
Concen: 2.565 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

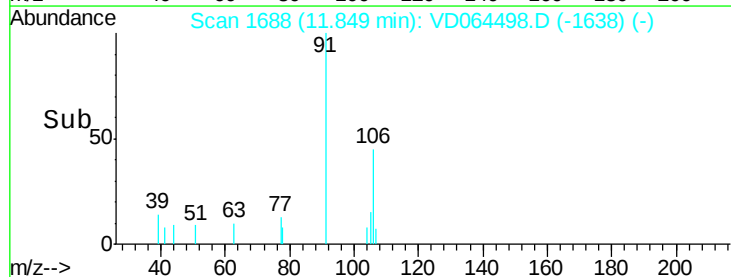
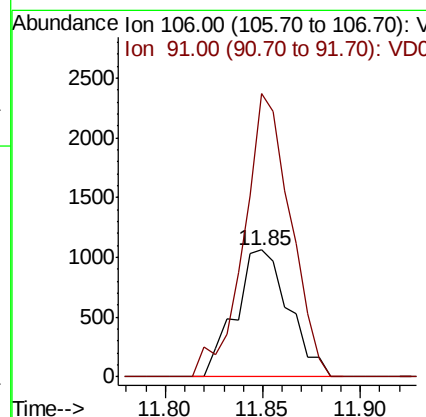
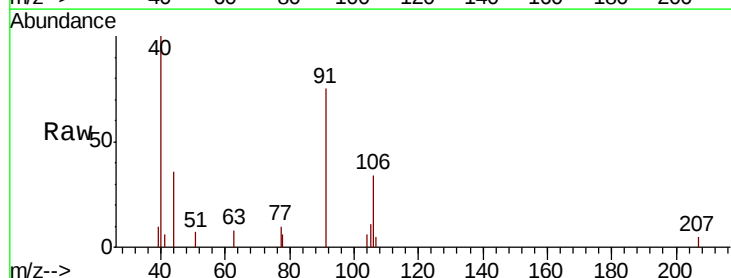
Instrument :
MSVOA_D
ClientSampleId :
RBR200059

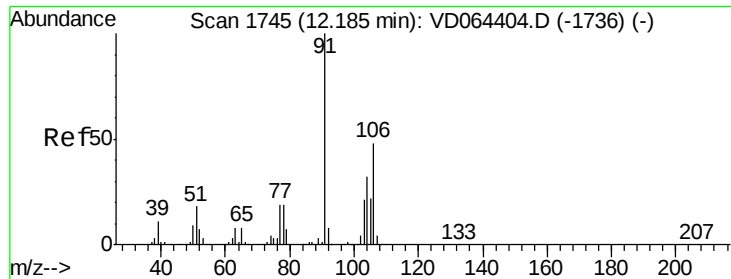
Tot Ion: 91 Resp: 2788
Ion Ratio Lower Upper
91 100
106 16.4 25.8 38.8#



#68
m/p-Xylenes
Concen: 4.876 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Tgt Ion: 106 Resp: 2021
Ion Ratio Lower Upper
106 100
91 194.6 157.4 236.2

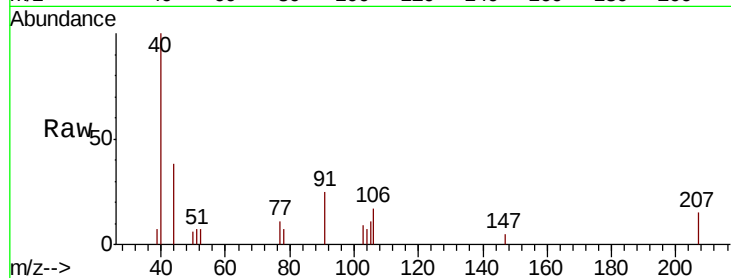




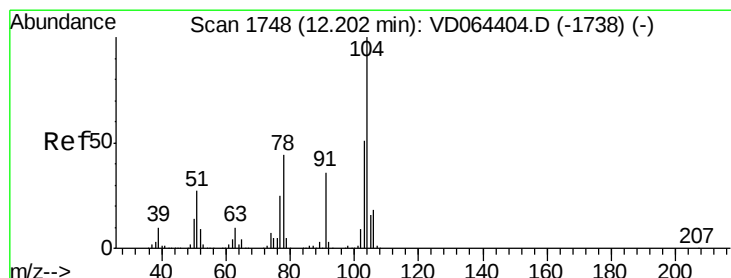
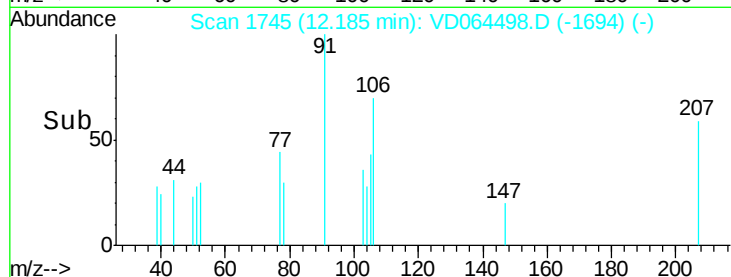
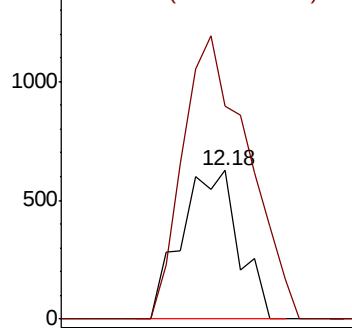
#69
o-Xylene
Concen: 2.578 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Instrument :
MSVOA_D
ClientSampleID :
RBR200059

Tot Ion:106 Resp: 987
Ion Ratio Lower Upper
106 100
91 216.7 103.8 311.4

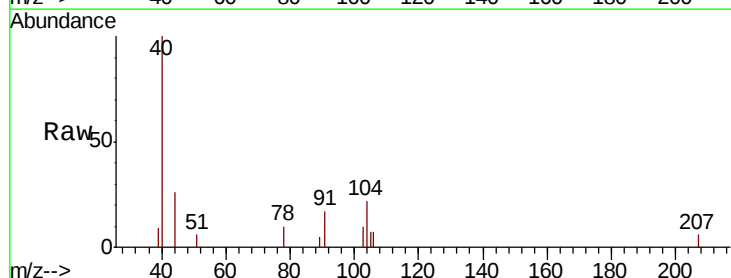


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

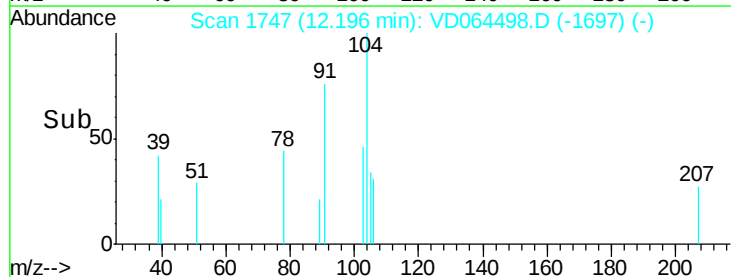
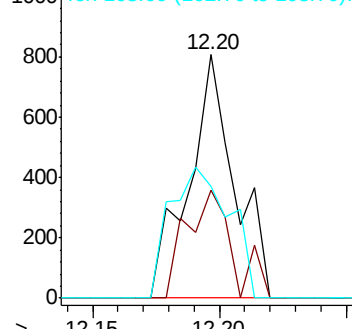


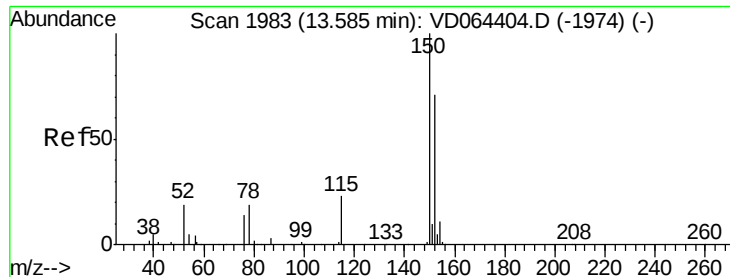
#70
Styrene
Concen: 1.548 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064498.D
Acq: 11 Dec 2019 13:51

Tgt Ion:104 Resp: 1030
Ion Ratio Lower Upper
104 100
78 44.0 38.8 58.2
103 68.8 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

RBR200059

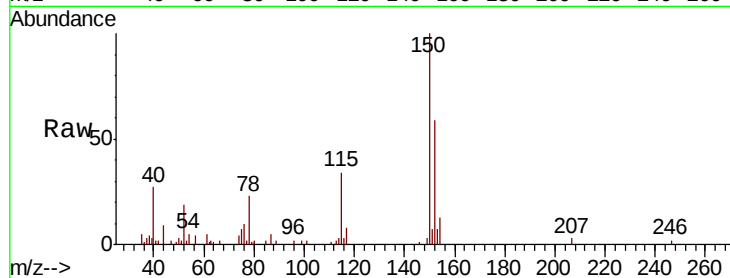
Tot Ion:152 Resp: 15317

Ion Ratio Lower Upper

152 100

115 56.2 26.7 80.1

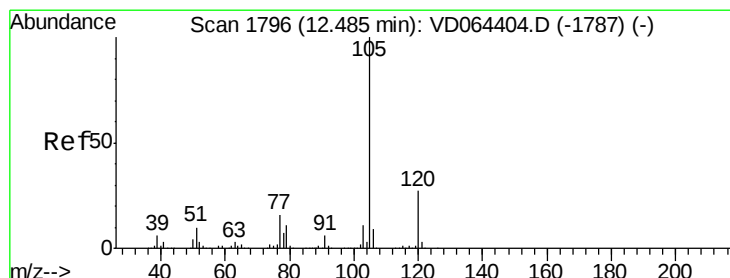
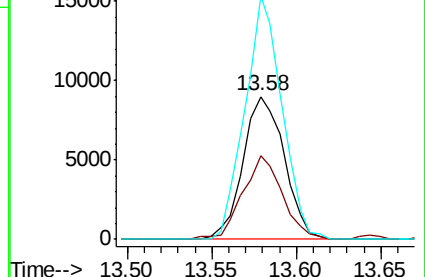
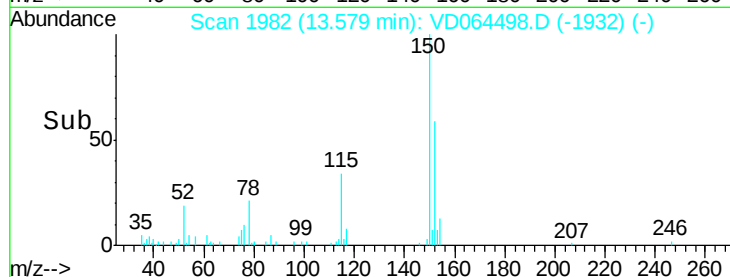
150 152.9 0.0 347.2



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: 1.201 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064498.D

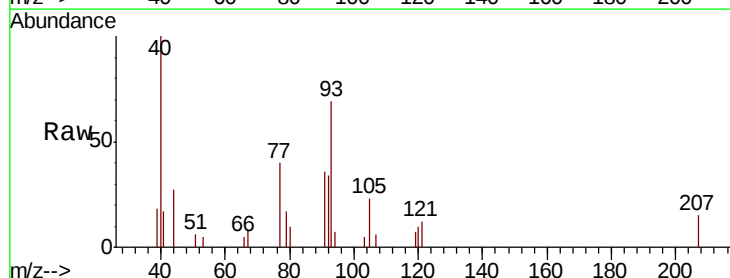
Acq: 11 Dec 2019 13:51

Tgt Ion:105 Resp: 1323

Ion Ratio Lower Upper

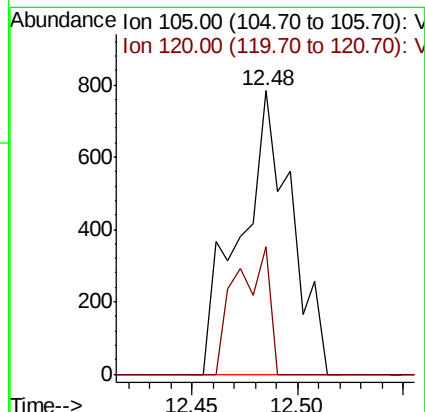
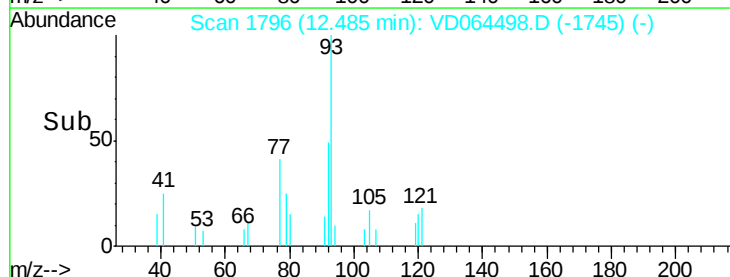
105 100

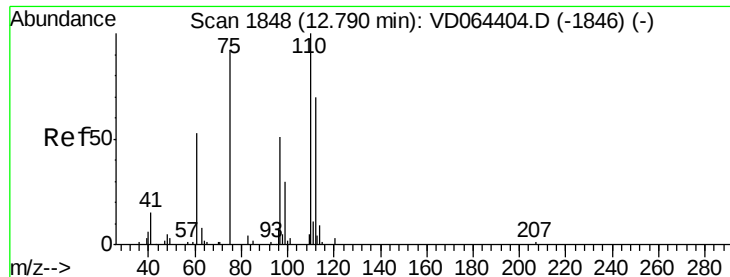
120 29.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 54.596 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

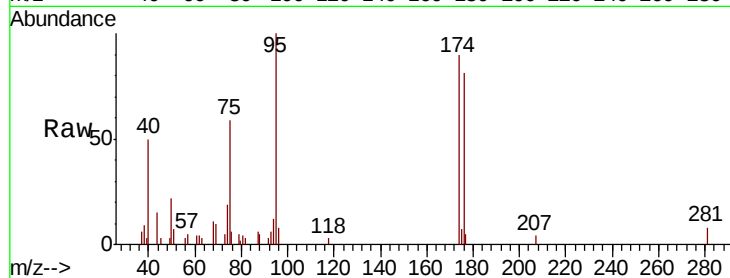
RBR200059

Tot Ion: 75 Resp: 6877

Ion Ratio Lower Upper

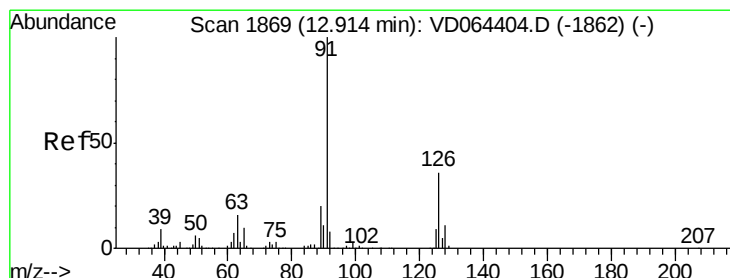
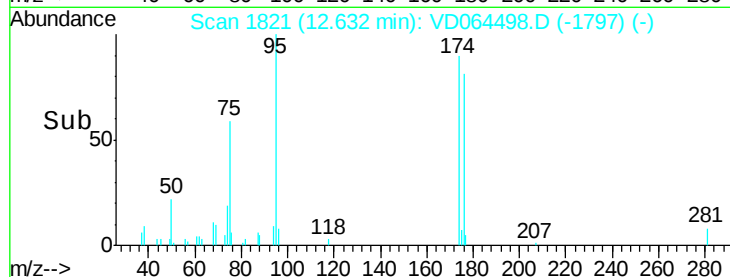
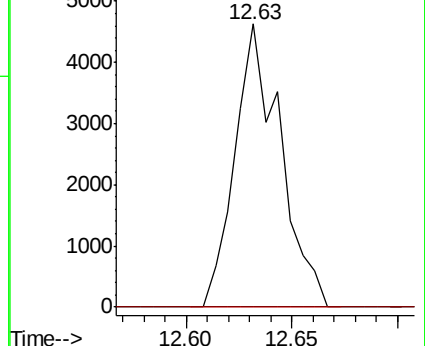
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#79

2-Chlorotoluene

Concen: 1.630 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD064498.D

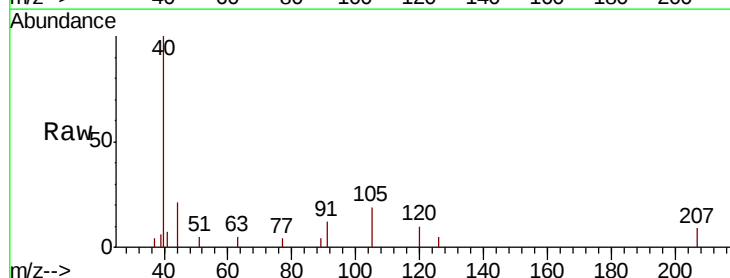
Acq: 11 Dec 2019 13:51

Tgt Ion: 91 Resp: 1140

Ion Ratio Lower Upper

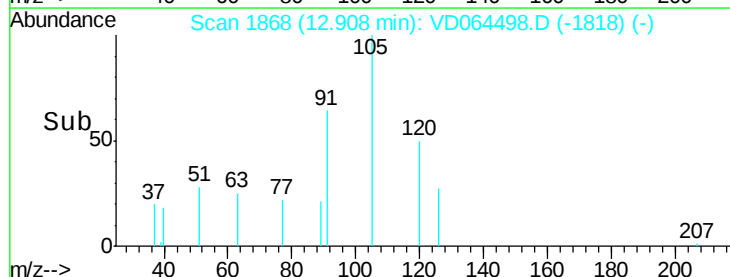
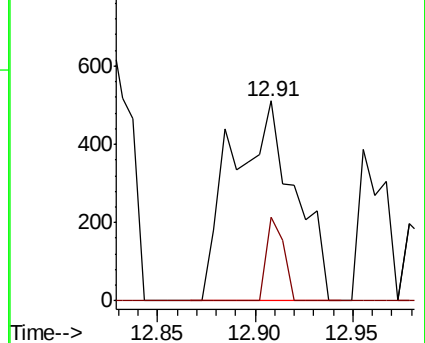
91 100

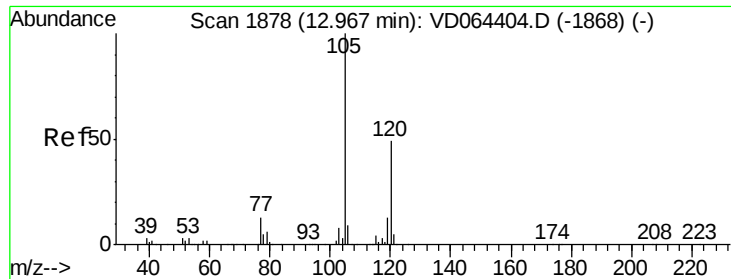
126 11.4 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC





#80

1,3,5-Trimethylbenzene

Concen: 3.203 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

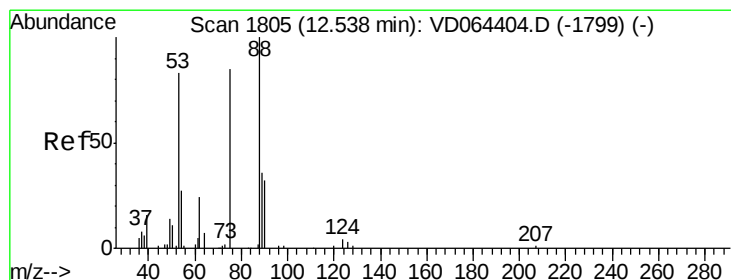
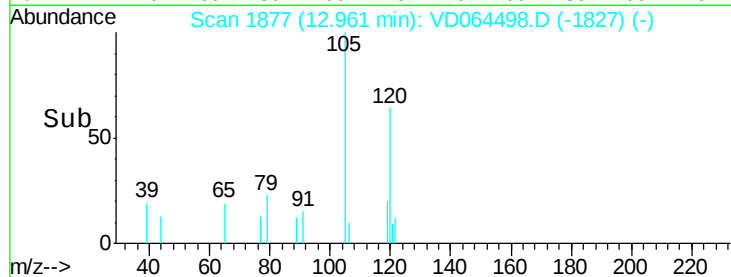
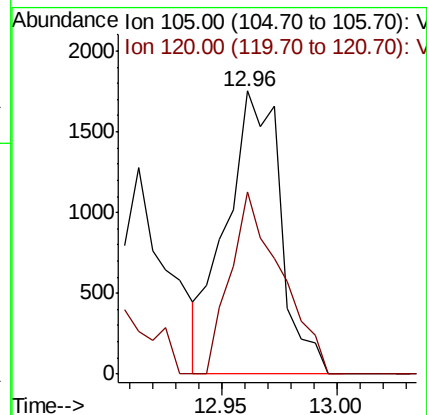
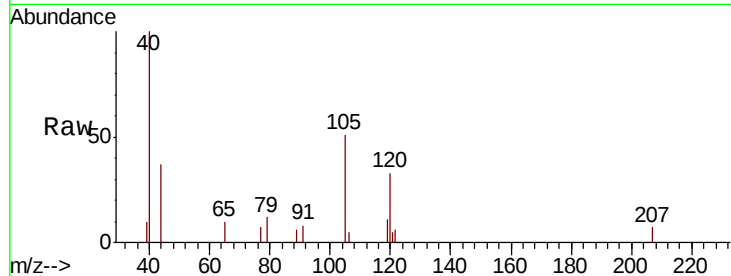
RBR200059

Tot Ion: 105 Resp: 2883

Ion Ratio Lower Upper

105 100

120 60.1 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 119.047 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.09 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

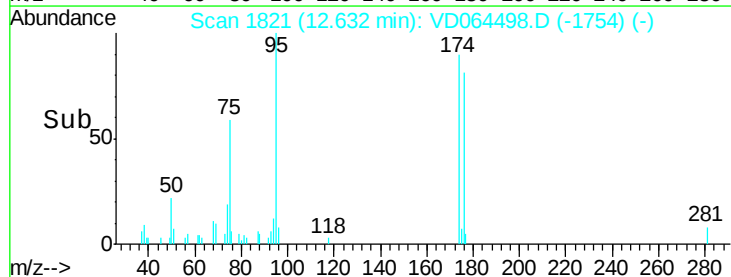
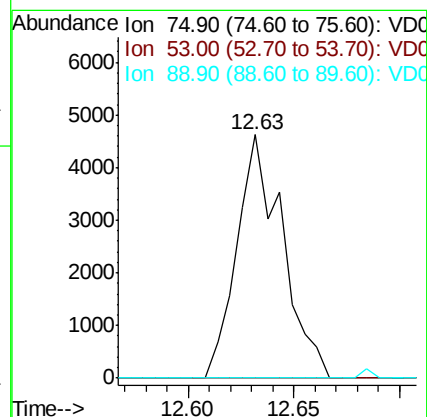
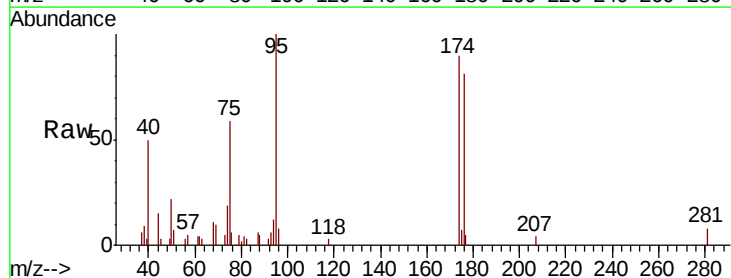
Tgt Ion: 75 Resp: 6877

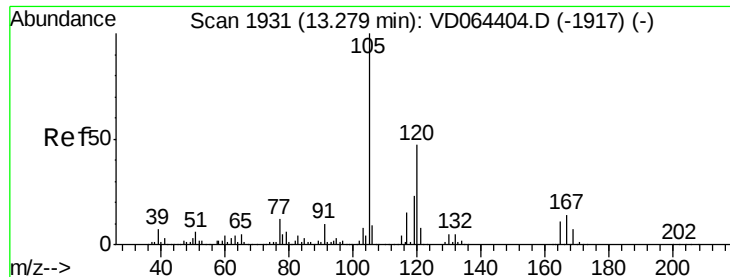
Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 38.5 57.7#





#84

1,2,4-Trimethylbenzene

Concen: 8.771 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

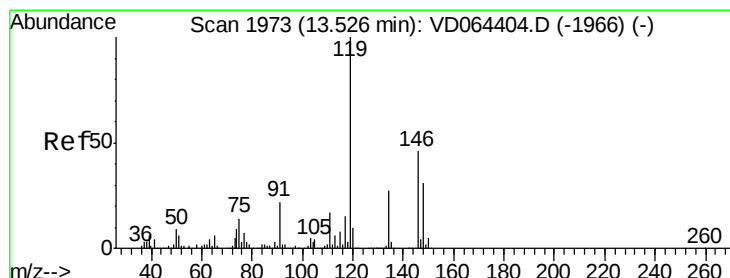
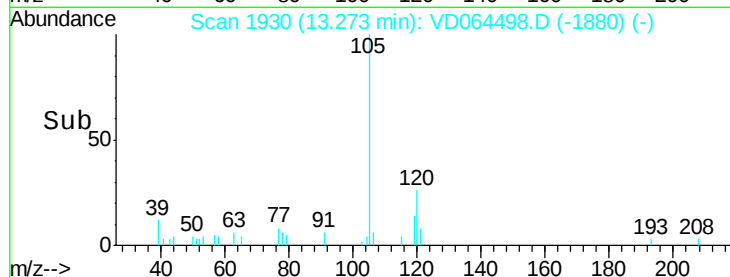
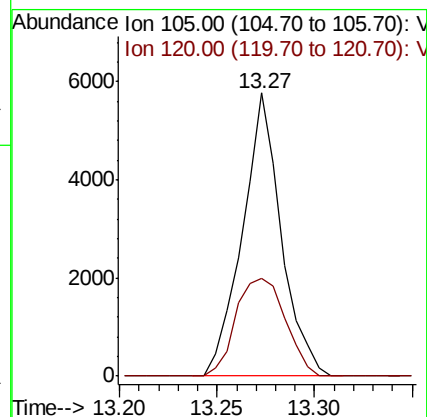
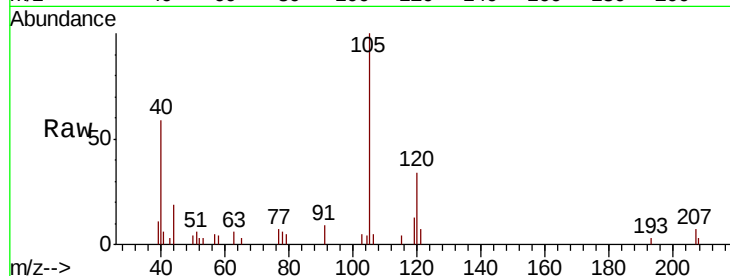
RBR200059

Tot Ion:105 Resp: 7940

Ion Ratio Lower Upper

105 100

120 43.9 23.6 70.8



#86

p-Isopropyltoluene

Concen: 1.477 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

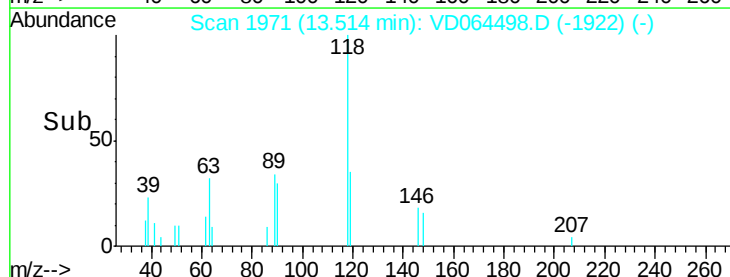
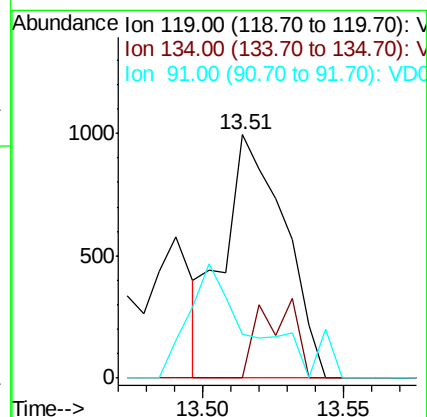
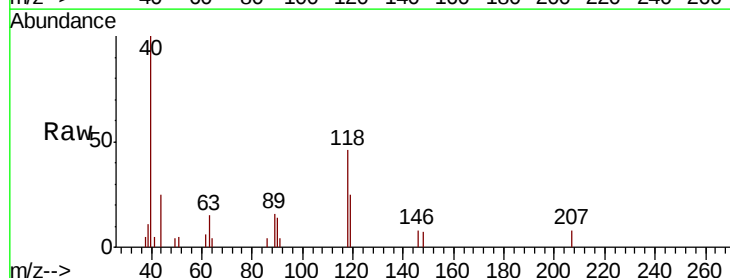
Tgt Ion:119 Resp: 1498

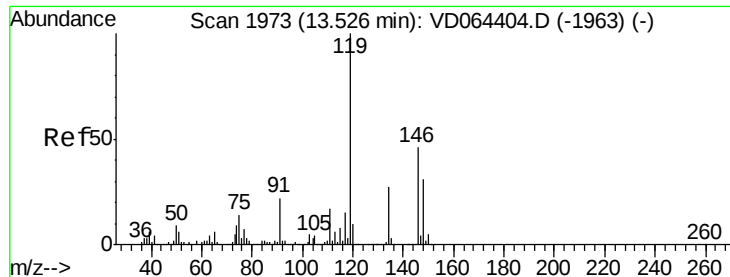
Ion Ratio Lower Upper

119 100

134 0.0 13.5 40.4#

91 50.4 11.2 33.5#

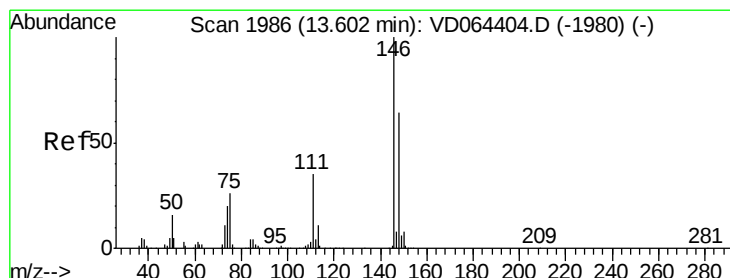
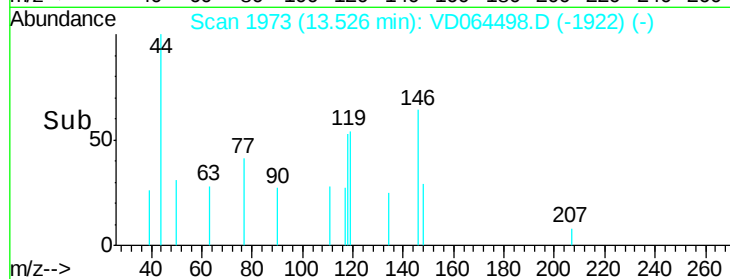
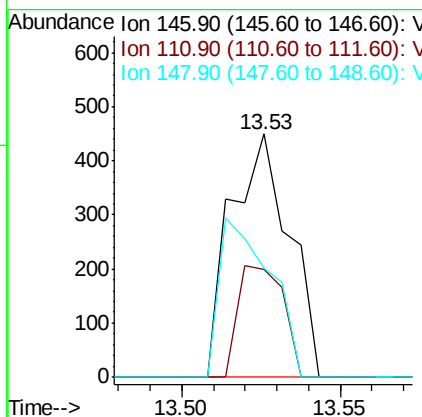
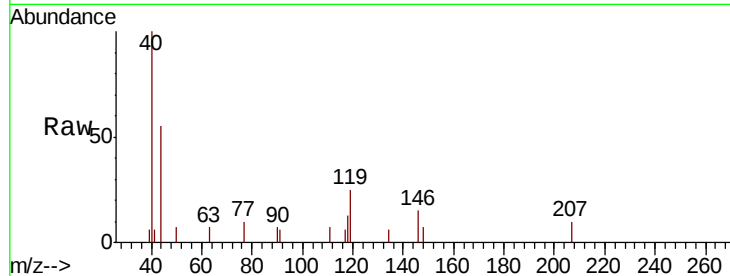




#87
 1,3-Dichlorobenzene
 Concen: 1.106 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

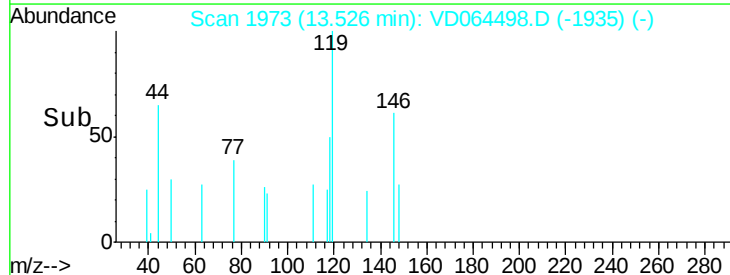
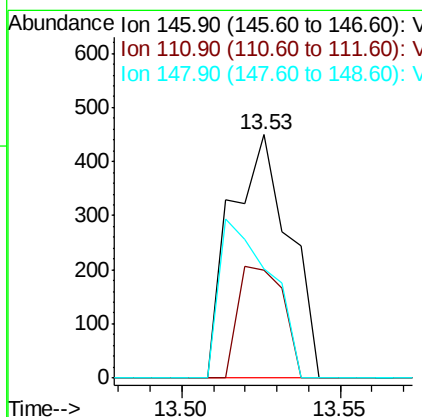
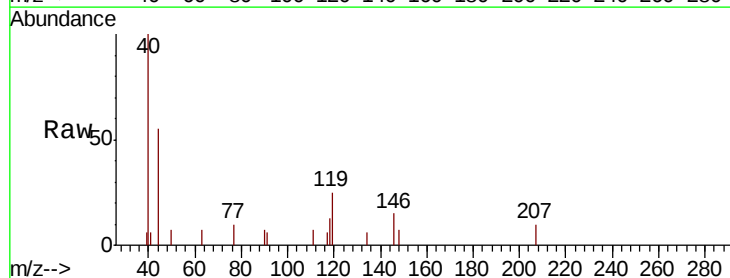
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200059

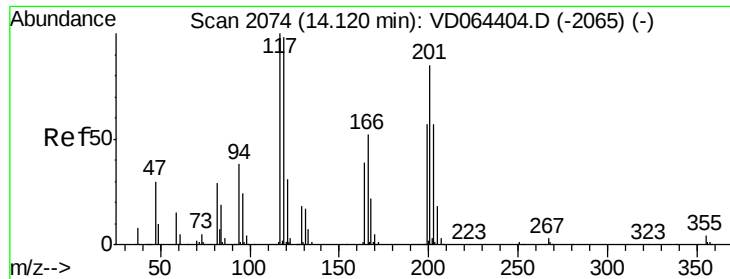
Tot Ion:146 Resp: 571
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.8 56.4
 148 57.4 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 1.120 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.08 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

Tgt Ion:146 Resp: 571
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.2 54.6
 148 57.4 31.8 95.4





#90

Hexachloroethane

Concen: 2.072 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

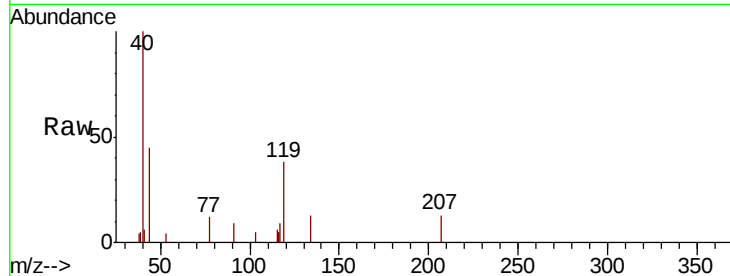
RBR200059

Tot Ion:117 Resp: 393

Ion Ratio Lower Upper

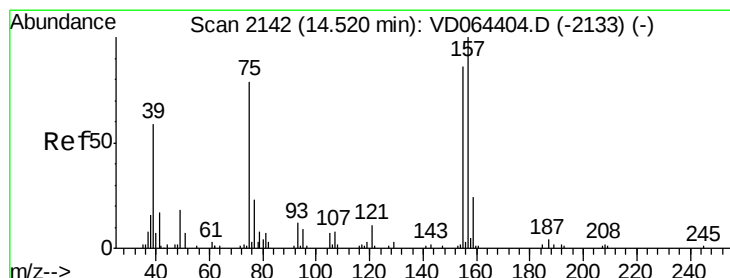
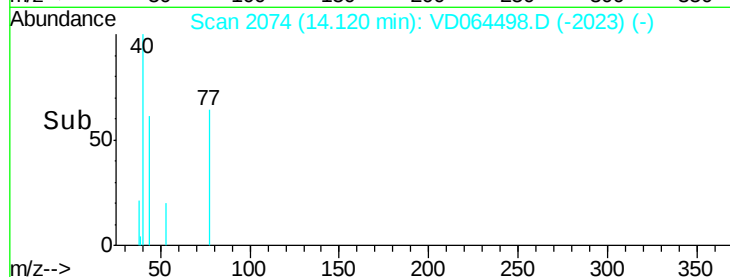
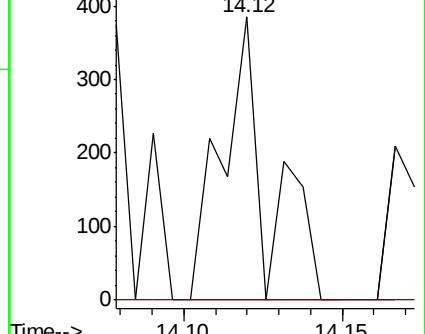
117 100

201 0.0 44.3 132.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.270 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD064498.D

Acq: 11 Dec 2019 13:51

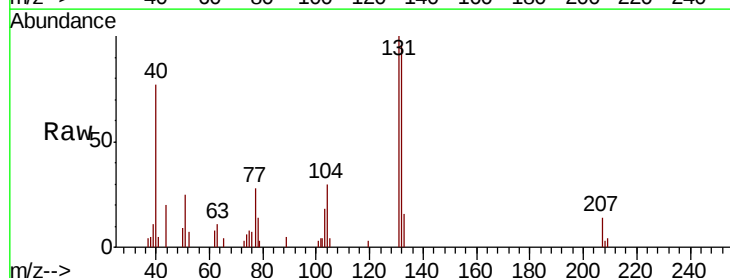
Tgt Ion: 75 Resp: 722

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

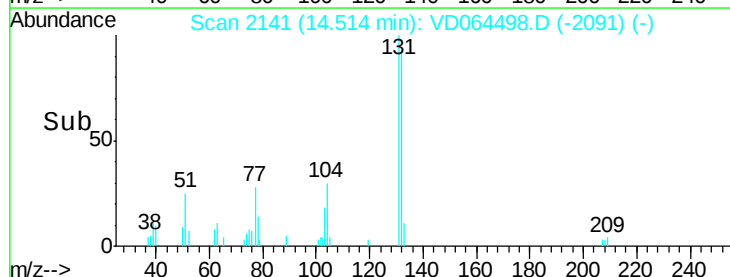
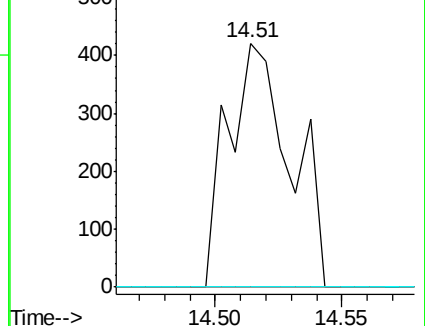
157 0.0 63.2 189.8#

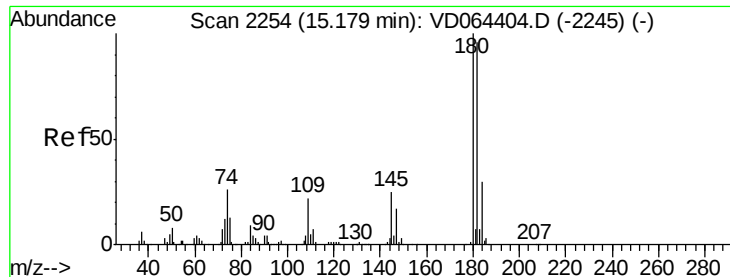


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

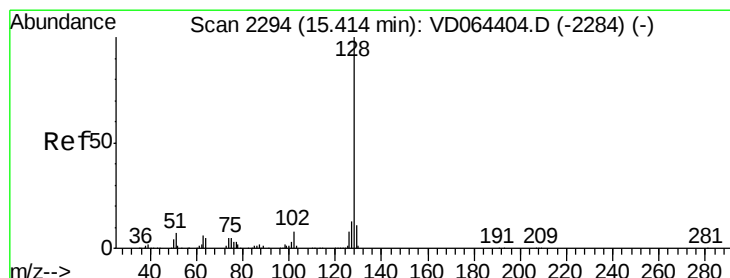
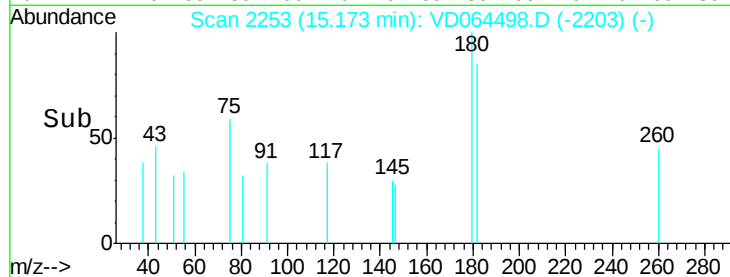
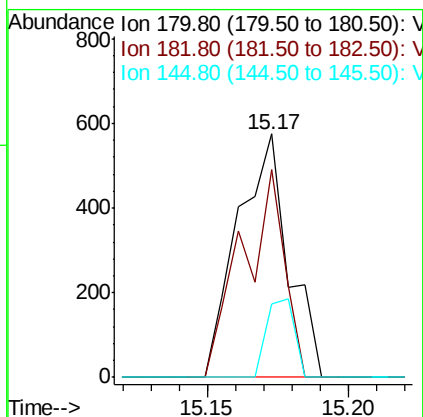
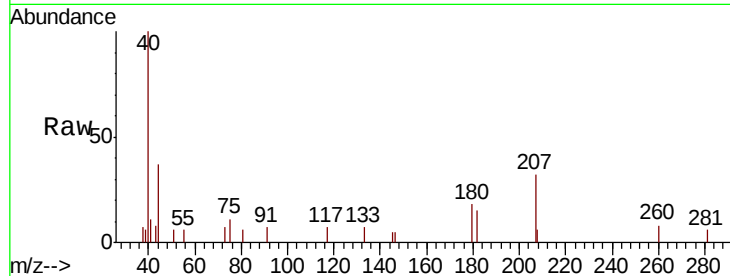




#93
 1,2,4-Trichlorobenzene
 Concen: 2.119 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

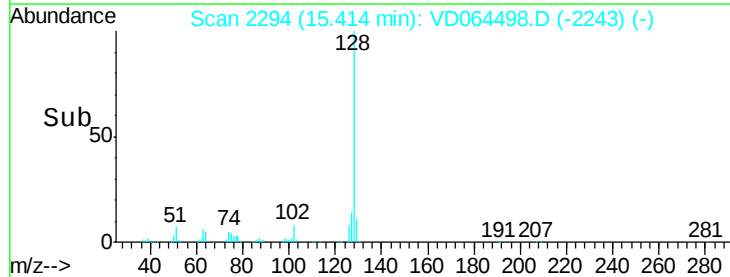
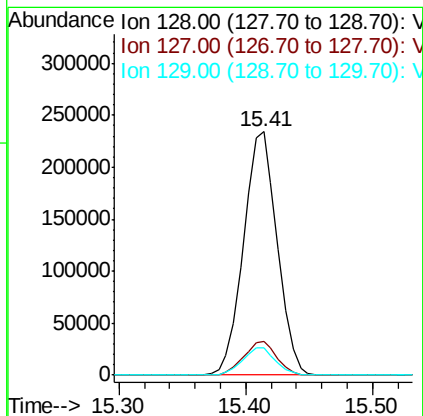
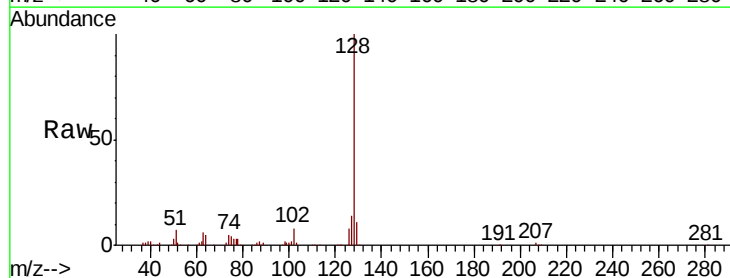
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200059

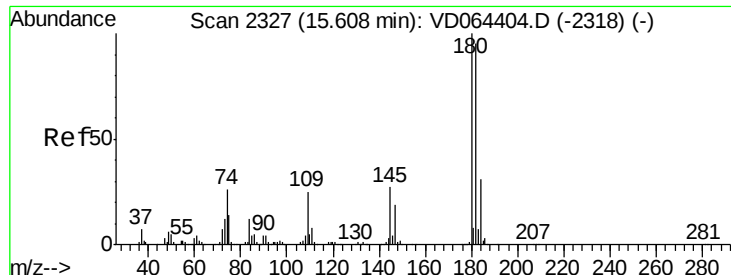
Tot Ion	Ratio	Lower	Upper
180	100		
182	70.9	47.4	142.3
145	17.6	14.0	41.9



#95
 Naphthalene
 Concen: 764.296 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.193 ug/l
 RT: 15.60 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: VD064498.D
 Acq: 11 Dec 2019 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200059

Tot Ion	Ratio	Lower	Upper
180	100		
182	83.1	47.6	142.9
145	55.5	14.6	43.8#

