

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092619\
 Data File : VD063835.D
 Acq On : 26 Sep 2019 13:22
 Operator : VA/SY
 Sample : VD0926SBL01
 Misc : 5.00µ/5.00mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 26 18:12:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	221739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	347998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	335286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	160981	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.36	65	107722	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	7.94	113	104871	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
50) Toluene-d8	10.36	98	439491	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.64	95	141094	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	1717	Below Cal	#	78
5) Bromomethane	2.80	94	868	0.315	ug/l #	37
6) Chloroethane	2.94	64	517	Below Cal		92
7) Trichlorofluoromethane	3.29	101	1824	0.288	ug/l #	79
8) Diethyl Ether	4.00	74	86	Below Cal		58
11) Tert butyl alcohol	5.27	59	552	Below Cal	#	72
13) Acrolein	3.93	56	55	0.278	ug/l #	15
15) Acrylonitrile	5.44	53	383	0.841	ug/l #	25
16) Acetone	4.19	43	3461	Below Cal	#	77
17) Carbon Disulfide	4.42	76	1393	0.218	ug/l #	73
18) Methyl Acetate	4.75	43	124	Below Cal	#	52
20) Methylene Chloride	4.98	84	7860	Below Cal	#	86
25) 2-Butanone	7.25	43	1037	1.692	ug/l #	45
26) 2,2-Dichloropropane	7.24	77	914	0.260	ug/l #	54
30) Chloroform	7.73	83	1467	0.360	ug/l #	73
31) Cyclohexane	8.00	56	6709	Below Cal	#	67
36) 1,1-Dichloropropene	8.00	75	17289	5.447	ug/l #	51
37) Ethyl Acetate	7.32	43	627	Below Cal	#	66
38) Carbon Tetrachloride	8.00	117	22933	6.941	ug/l #	18
39) Methylcyclohexane	9.37	83	991	0.251	ug/l #	72
41) Methacrylonitrile	7.56	41	100	Below Cal	#	51
51) 4-Methyl-2-Pentanone	10.24	43	1162	0.868	ug/l #	85
58) 2-Chloroethyl Vinyl ether	9.96	63	1368	1.398	ug/l #	78
59) 2-Hexanone	11.00	43	507	0.531	ug/l #	39
68) m/p-Xylenes	11.86	106	1706	0.365	ug/l	98
71) Bromoform	12.64	173	975	0.708	ug/l #	30
76) 1,2,3-Trichloropropane	12.64	75	77732	63.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	77732	127.180	ug/l #	11
88) 1,4-Dichlorobenzene	13.61	146	1579	0.306	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	1185	0.351	ug/l	80
95) Naphthalene	15.42	128	1861	0.307	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.60	180	691	0.231	ug/l #	77

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092619\
Data File : VD063835.D
Acq On : 26 Sep 2019 13:22
Operator : VA/SY
Sample : VD0926SBL01
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 26 18:12:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 12:03:05 2019
Response via : Initial Calibration

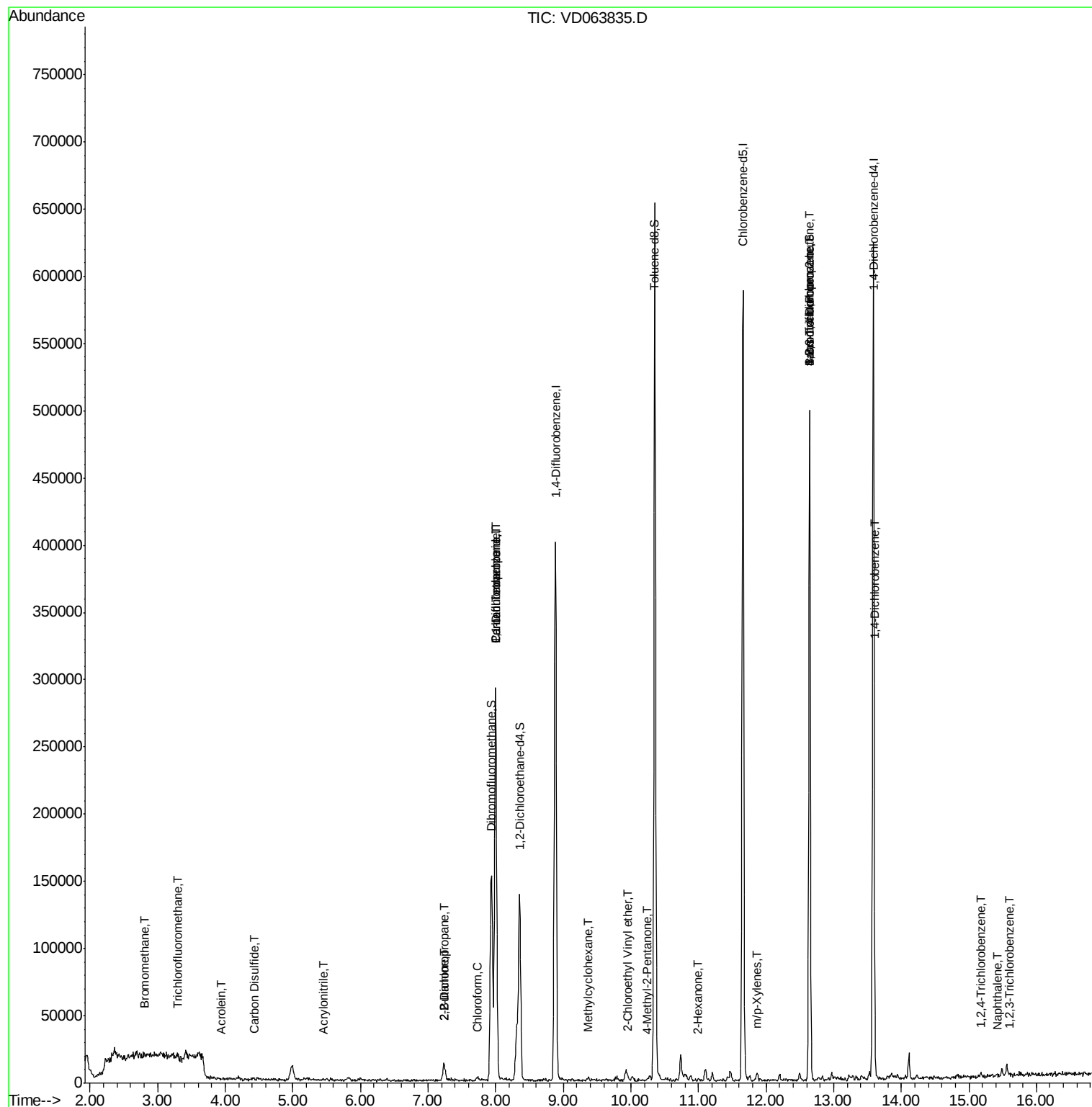
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

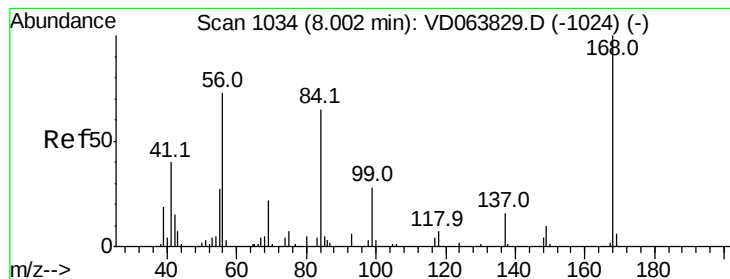
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092619\
Data File : VD063835.D
Acq On : 26 Sep 2019 13:22
Operator : VA/SY
Sample : VD0926SBL01
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Sep 26 18:12:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 12:03:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.00 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

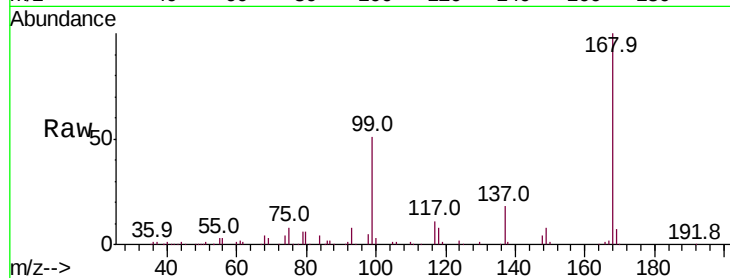
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 221739

Ion Ratio Lower Upper

168 100

99 51.1 41.2 61.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

8.00

100000

80000

60000

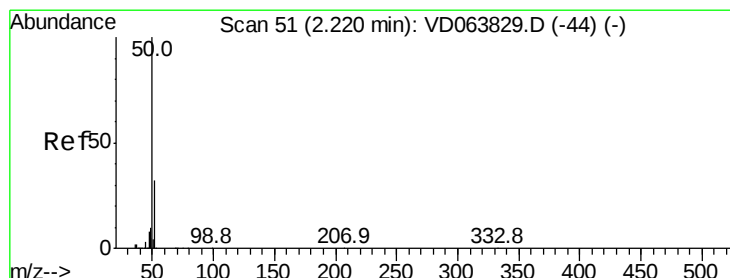
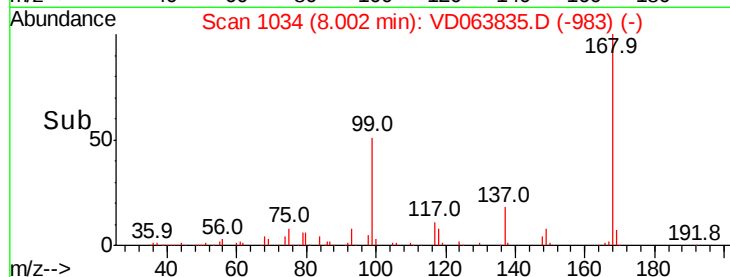
40000

20000

0

Time-->

7.90 8.00 8.10



#3

Chloromethane

Concen: Below Cal

RT: 2.22 min Scan# 51

Delta R.T. 0.00 min

Lab File: VD063835.D

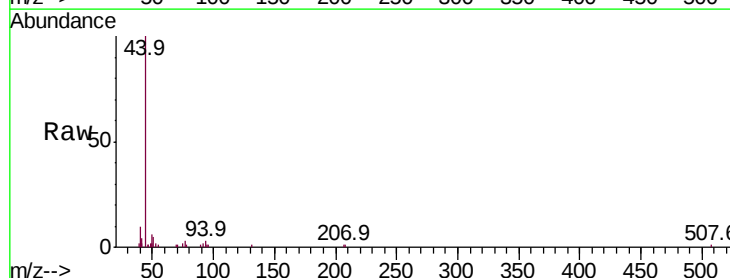
Acq: 26 Sep 2019 13:22

Tgt Ion: 50 Resp: 1717

Ion Ratio Lower Upper

50 100

52 19.9 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.22

1500

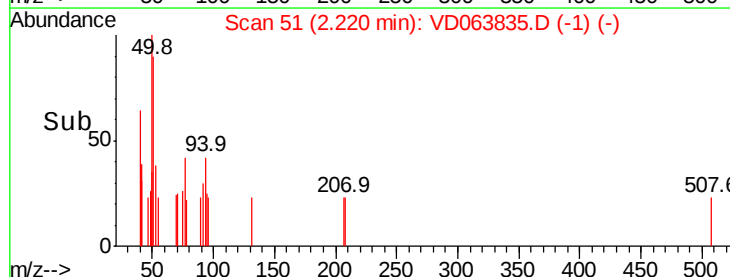
1000

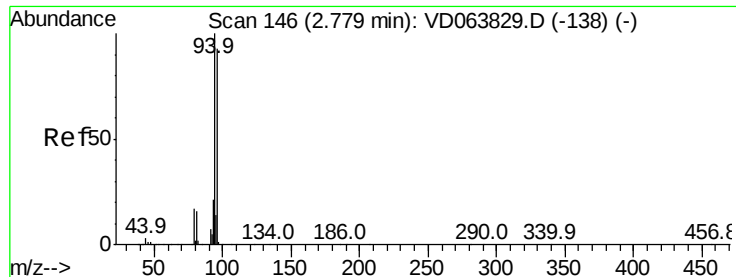
500

0

Time-->

2.20 2.25





#5

Bromomethane

Concen: 0.315 ug/l

RT: 2.80 min Scan# 150

Delta R.T. 0.02 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

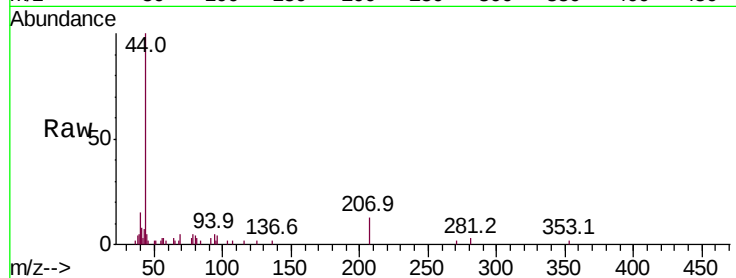
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 94 Resp: 868

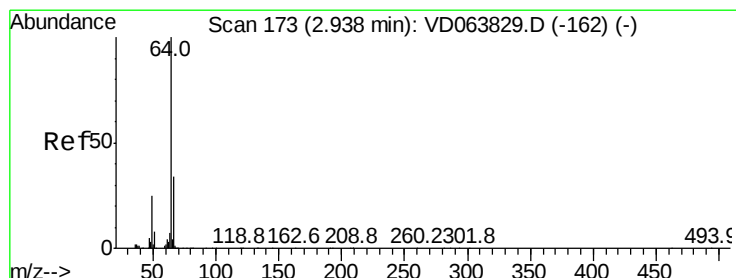
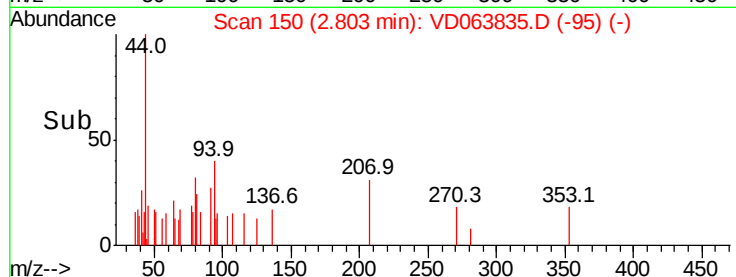
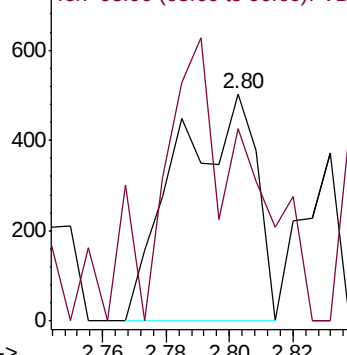
Ion Ratio Lower Upper

94 100

96 32.4 74.2 111.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: Below Cal

RT: 2.94 min Scan# 173

Delta R.T. -0.00 min

Lab File: VD063835.D

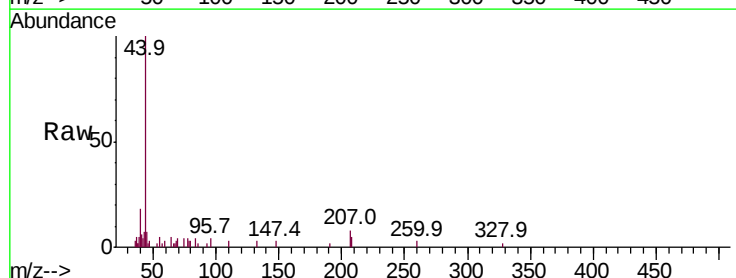
Acq: 26 Sep 2019 13:22

Tgt Ion: 64 Resp: 517

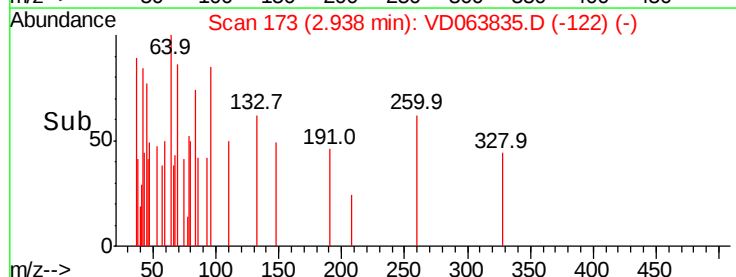
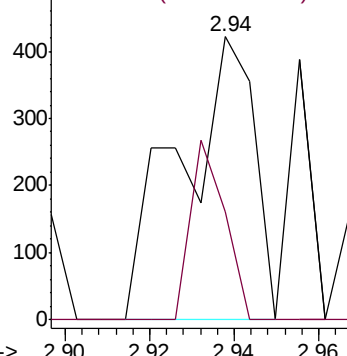
Ion Ratio Lower Upper

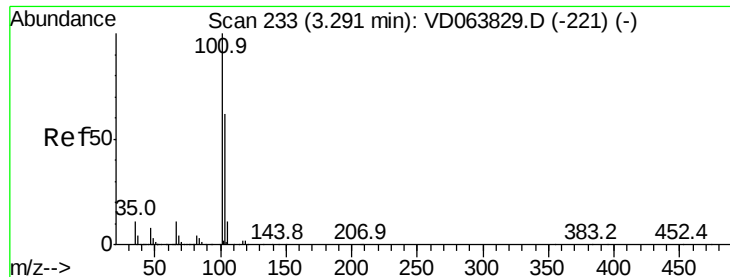
64 100

66 38.2 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



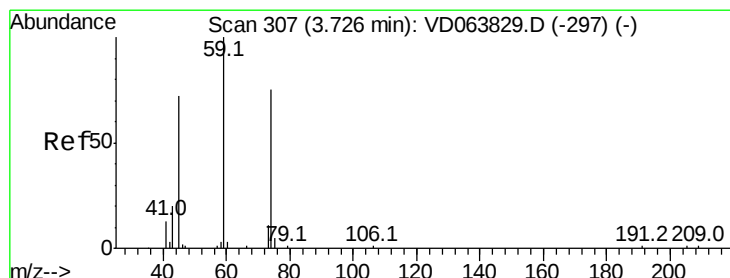
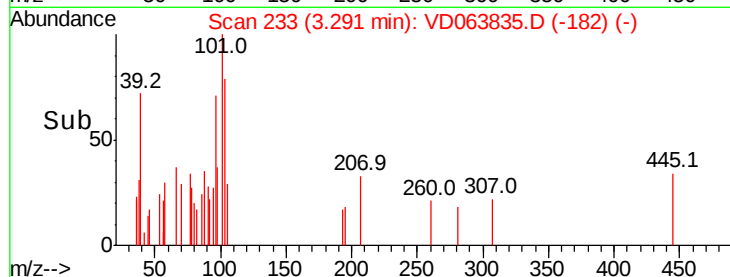
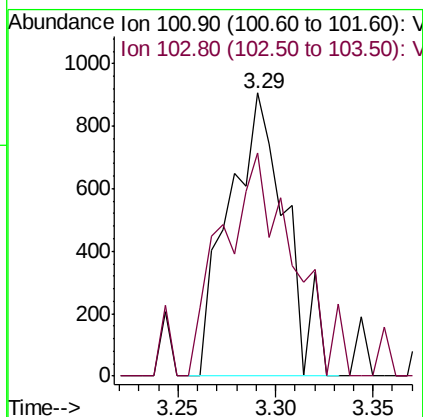
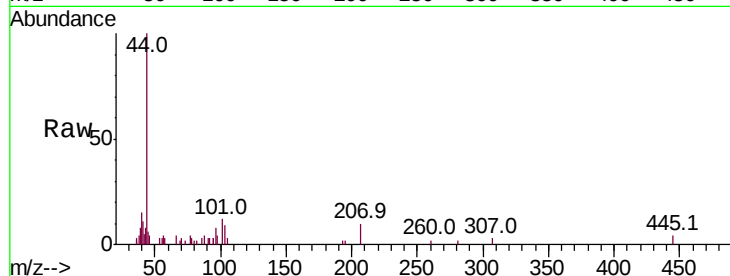


#7

Trichlorofluoromethane
Concen: 0.288 ug/l
RT: 3.29 min Scan# 233
Delta R.T. -0.00 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Instrument :
MSVOA_D
ClientSampleId :

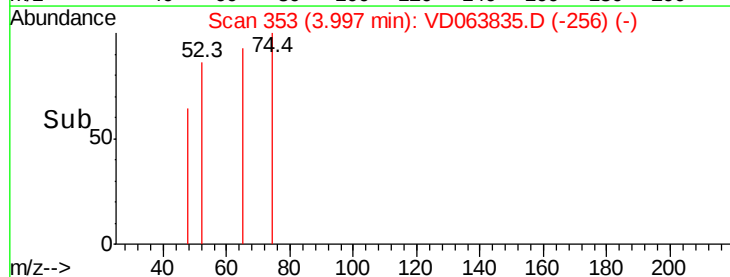
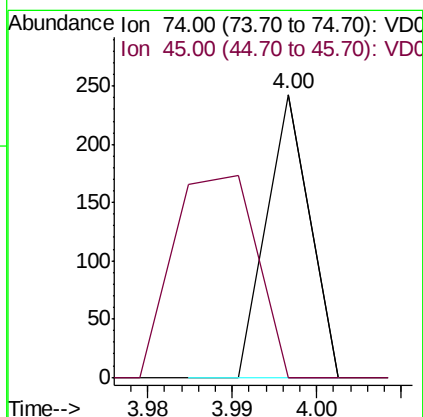
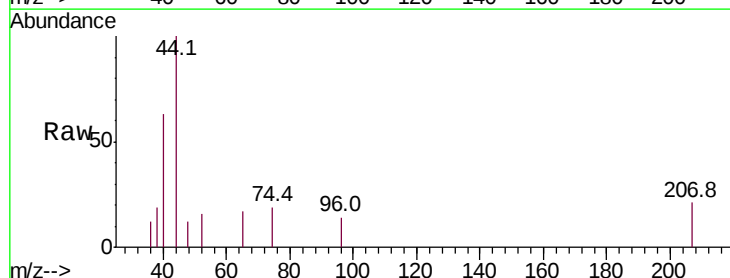
Tot Ion:101 Resp: 1824
Ion Ratio Lower Upper
101 100
103 78.7 49.8 74.8#

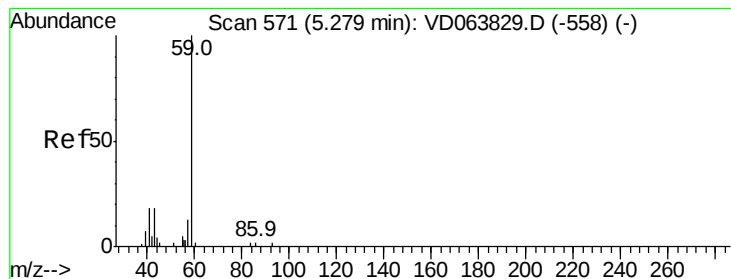


#8

Diethyl Ether
Concen: Below Cal
RT: 4.00 min Scan# 353
Delta R.T. 0.27 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion: 74 Resp: 86
Ion Ratio Lower Upper
74 100
45 139.5 48.9 146.8



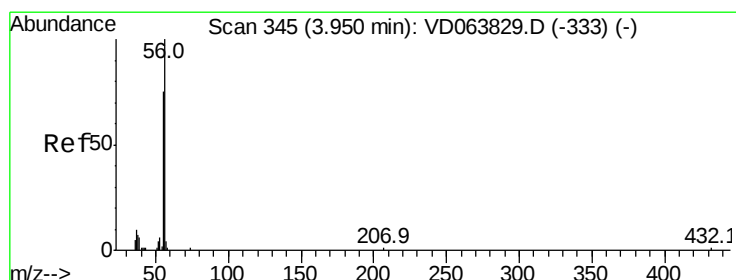
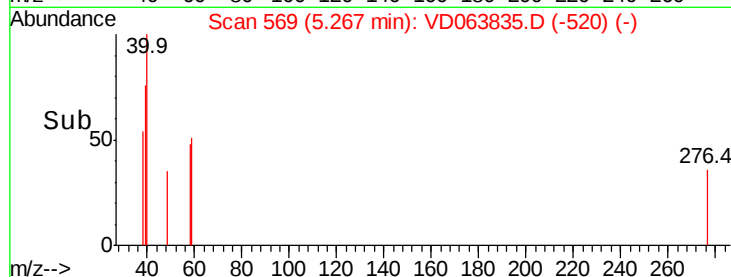
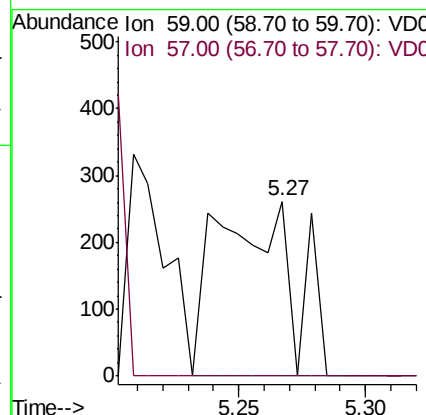
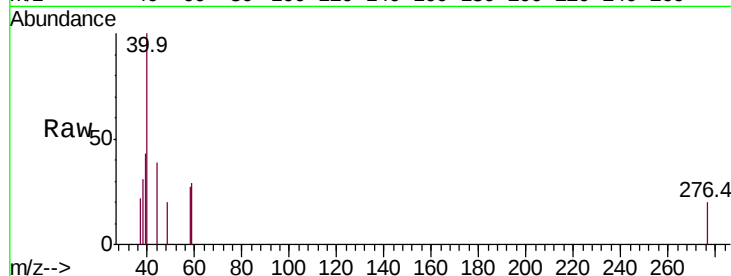


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.27 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Instrument :
 MSVOA_D
 ClientSampleID :

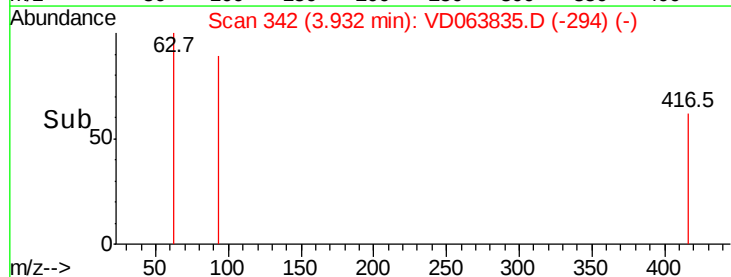
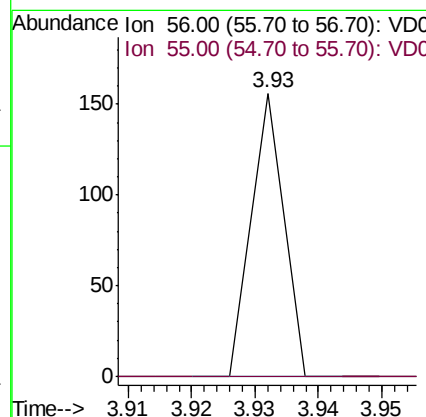
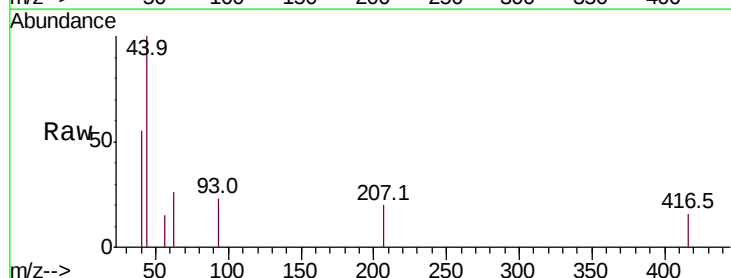
Tot Ion: 59 Resp: 552
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

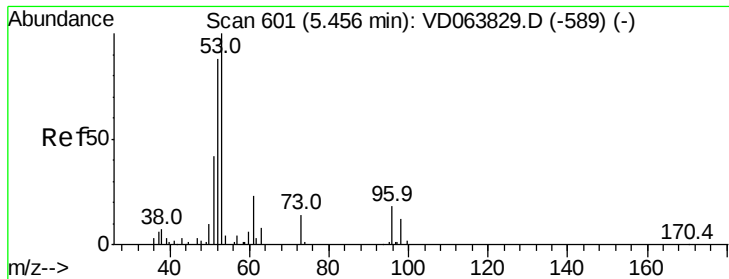


#13

Acrolein
 Concen: 0.278 ug/l
 RT: 3.93 min Scan# 342
 Delta R.T. -0.02 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Tgt Ion: 56 Resp: 55
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.0 82.6#





#15

Acrylonitrile

Concen: 0.841 ug/l

RT: 5.44 min Scan# 599

Delta R.T. -0.01 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :
MSVOA_D
ClientSampled :

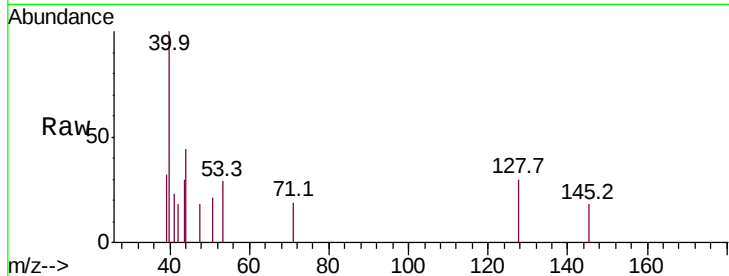
Tot Ion: 53 Resp: 383

Ion Ratio Lower Upper

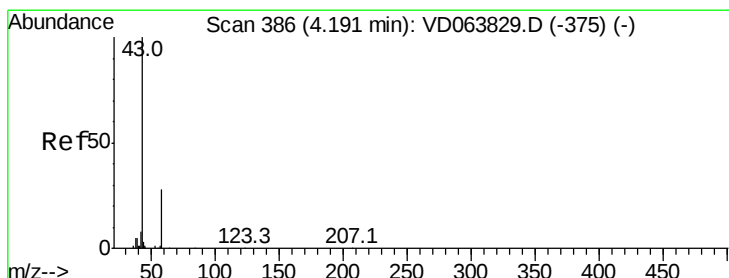
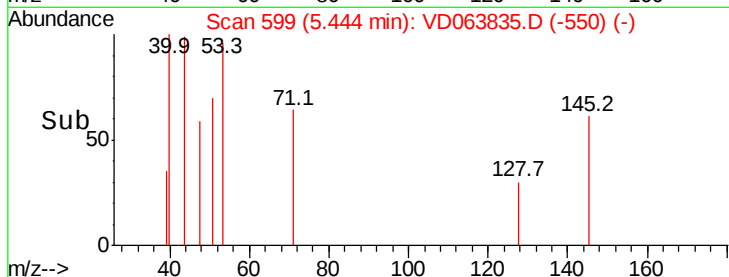
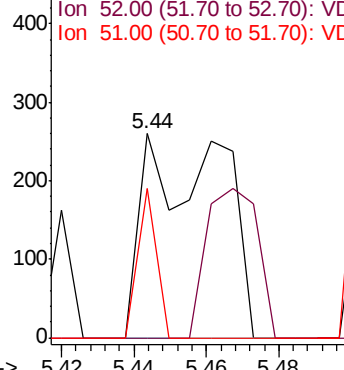
53 100

52 0.0 68.7 103.1#

51 17.5 30.7 46.1#



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: Below Cal

RT: 4.19 min Scan# 386

Delta R.T. 0.00 min

Lab File: VD063835.D

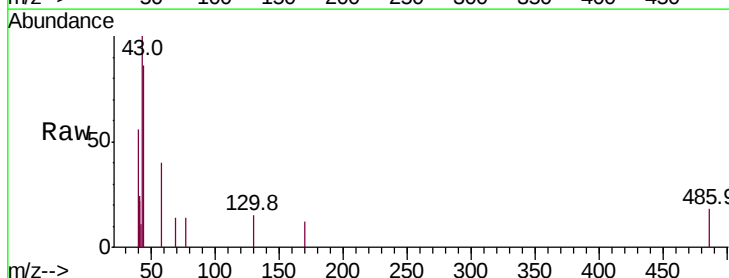
Acq: 26 Sep 2019 13:22

Tgt Ion: 43 Resp: 3461

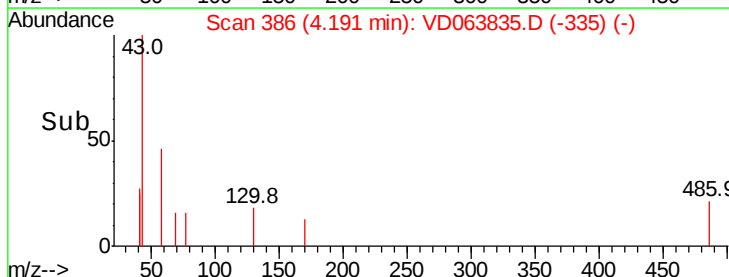
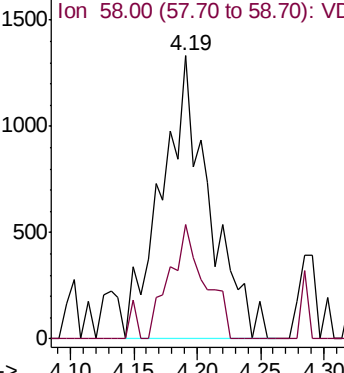
Ion Ratio Lower Upper

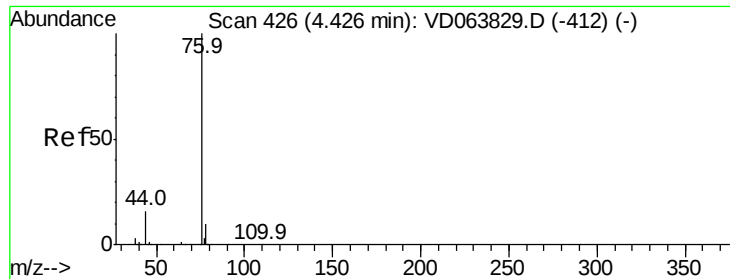
43 100

58 40.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

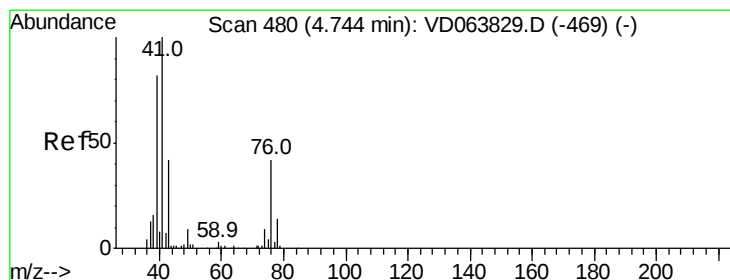
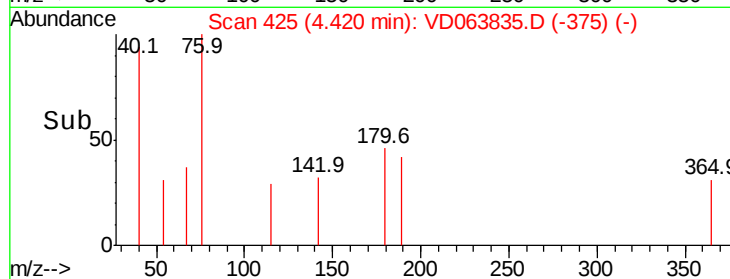
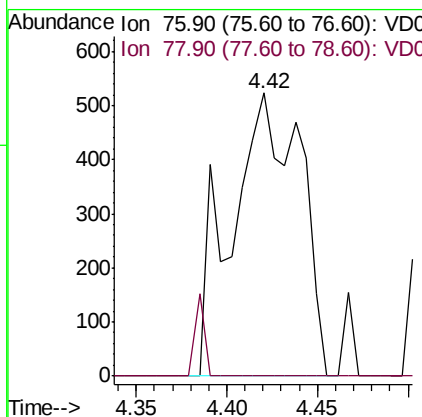
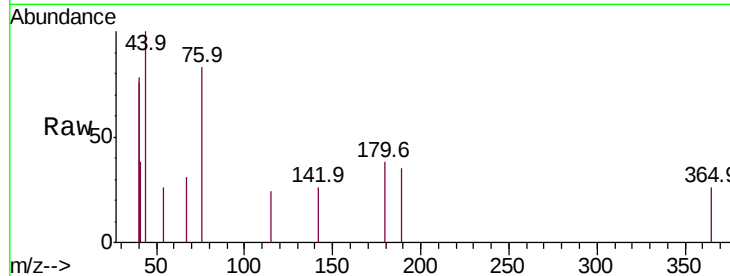




#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.42 min Scan# 425
Delta R.T. -0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

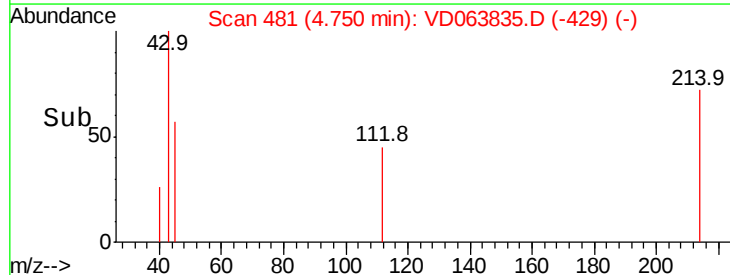
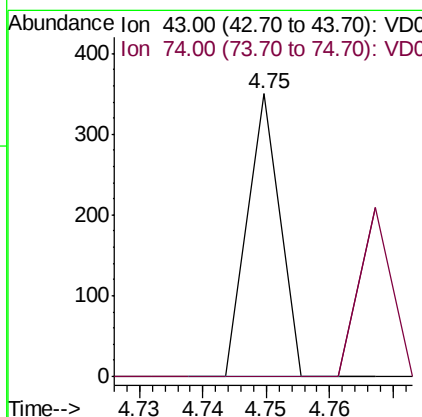
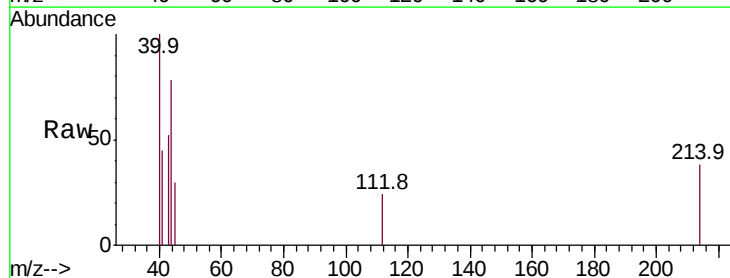
Instrument :
MSVOA_D
ClientSampleId :

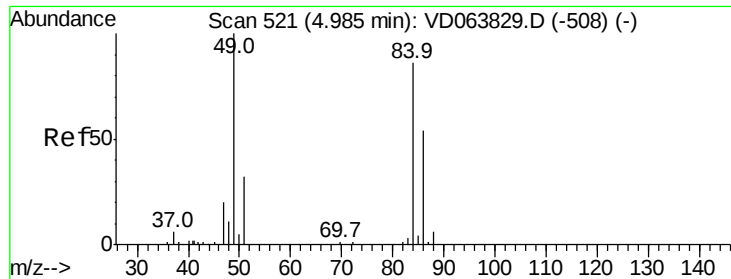
Tot Ion: 76 Resp: 1393
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.75 min Scan# 481
Delta R.T. 0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



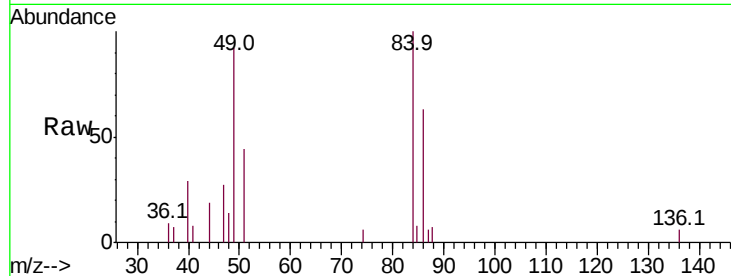


#20

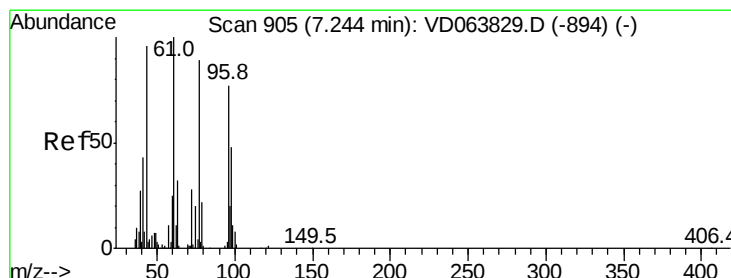
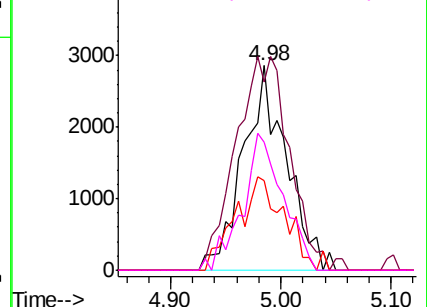
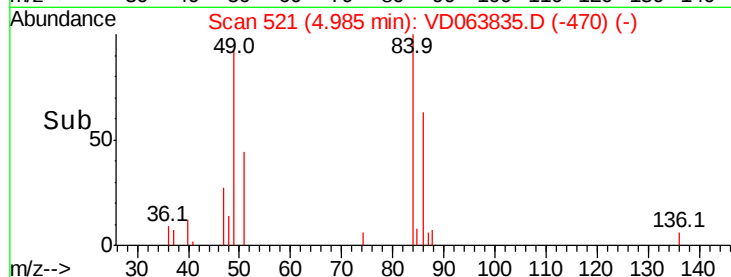
Methvlene Chloride
 Concen: Below Cal
 RT: 4.98 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 84 Resp: 7860
 Ion Ratio Lower Upper
 84 100
 49 92.1 93.6 140.4#
 51 44.1 29.8 44.6
 86 62.9 50.6 75.8



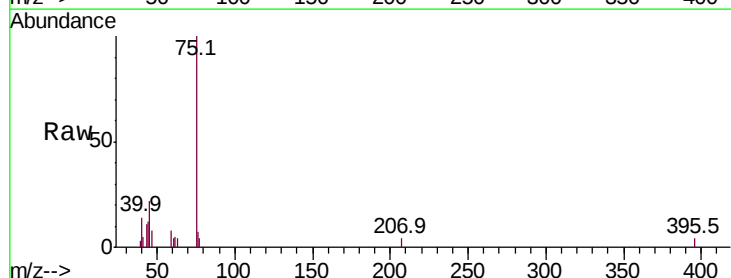
Abundance Ion 83.90 (83.60 to 84.60): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC



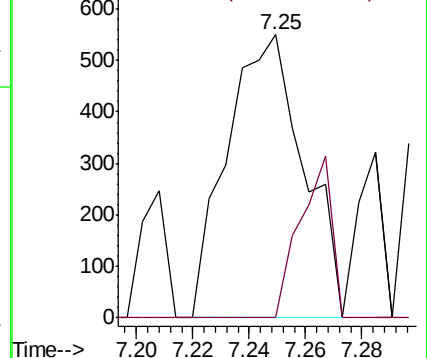
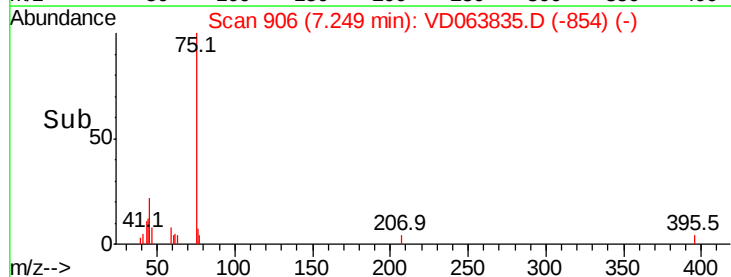
#25

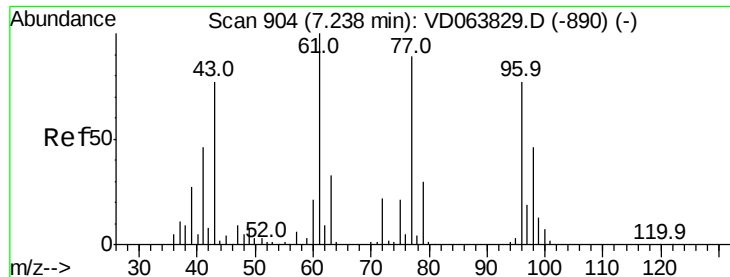
2-Butanone
 Concen: 1.692 ug/l
 RT: 7.25 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Tgt Ion: 43 Resp: 1037
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 72.00 (71.70 to 72.70): VDC





#26

2,2-Dichloropropane

Concen: 0.260 ug/l

RT: 7.24 min Scan# 905

Delta R.T. 0.01 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

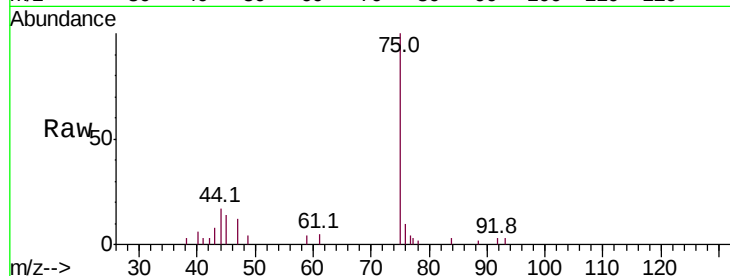
ClientSampleId :

Tot Ion: 77 Resp: 914

Ion Ratio Lower Upper

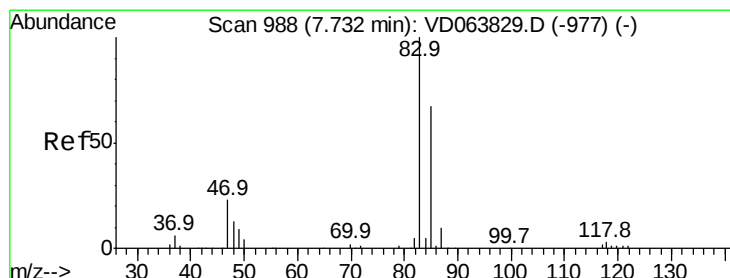
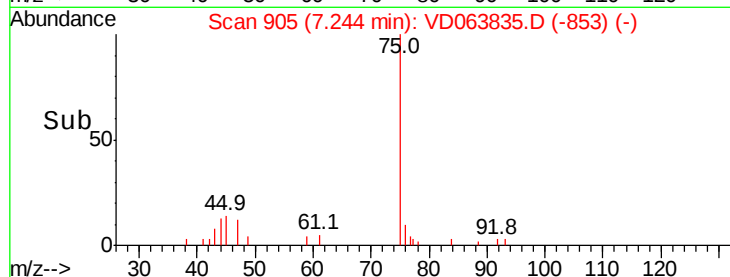
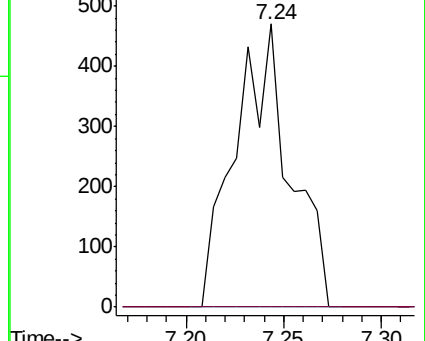
77 100

97 0.0 10.9 32.7#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



#30

Chloroform

Concen: 0.360 ug/l

RT: 7.73 min Scan# 987

Delta R.T. -0.01 min

Lab File: VD063835.D

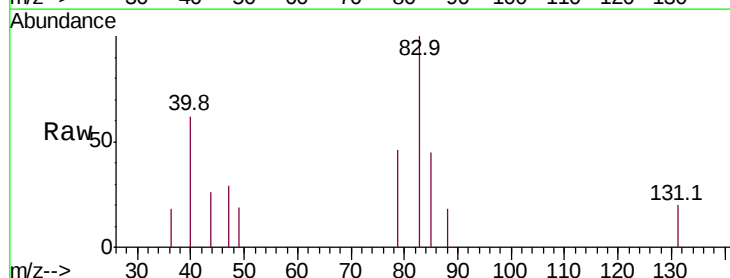
Acq: 26 Sep 2019 13:22

Tgt Ion: 83 Resp: 1467

Ion Ratio Lower Upper

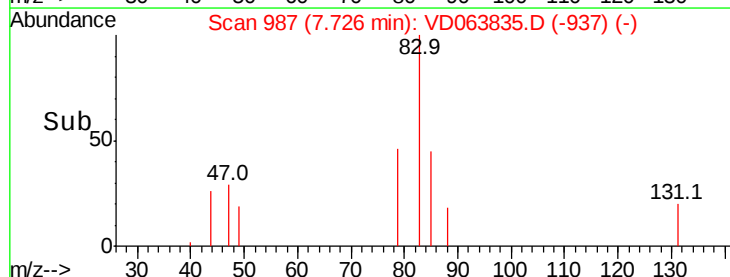
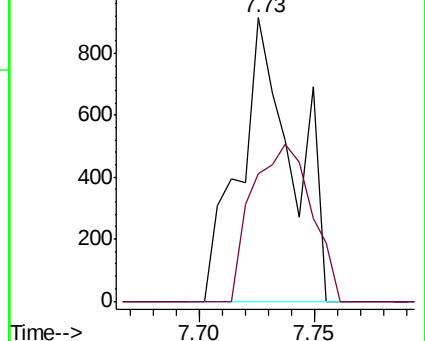
83 100

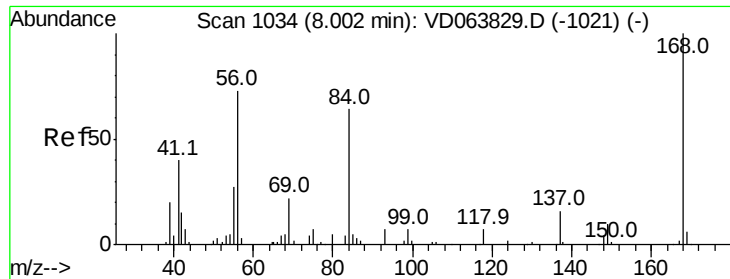
85 44.8 53.4 80.2#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

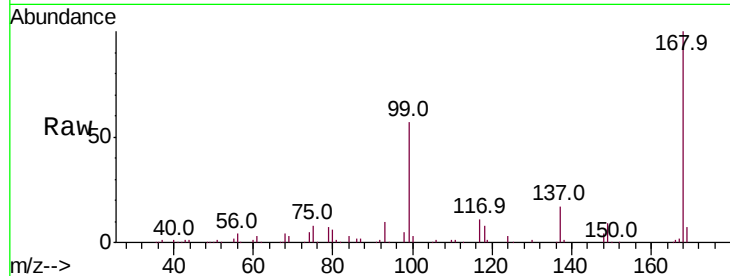




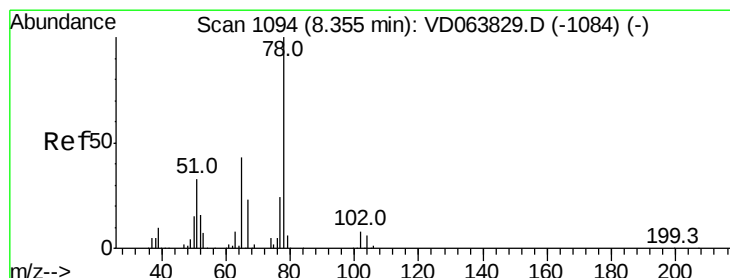
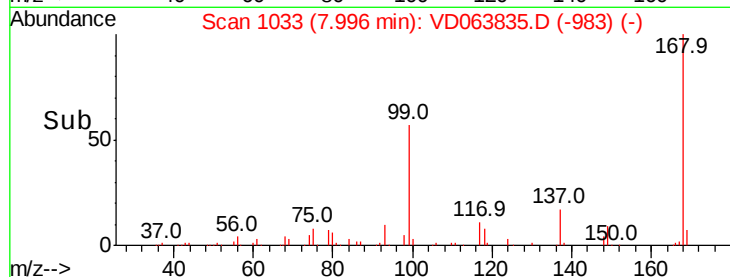
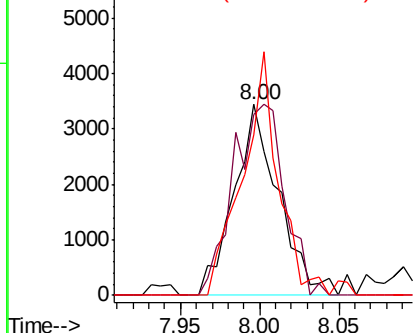
#31
Cyclohexane
Concen: Below Cal
RT: 8.00 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 6709
Ion Ratio Lower Upper
56 100
69 94.5 23.1 34.7#
84 83.8 69.7 104.5

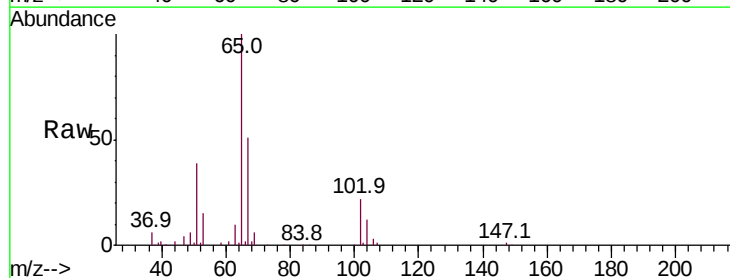


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

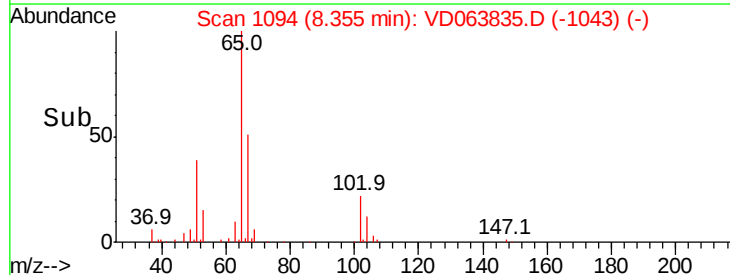
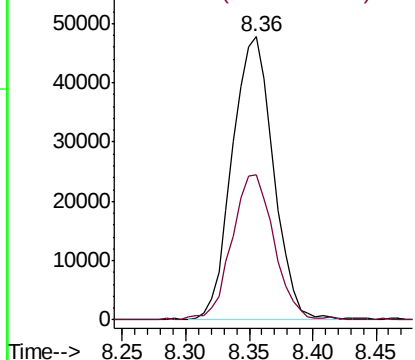


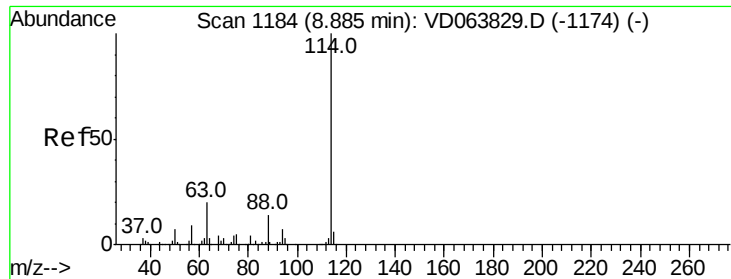
#33
1,2-Dichloroethane-d4
Concen: 51.593 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion: 65 Resp: 107722
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4



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

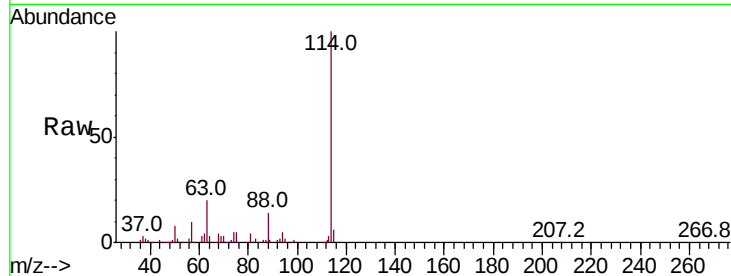




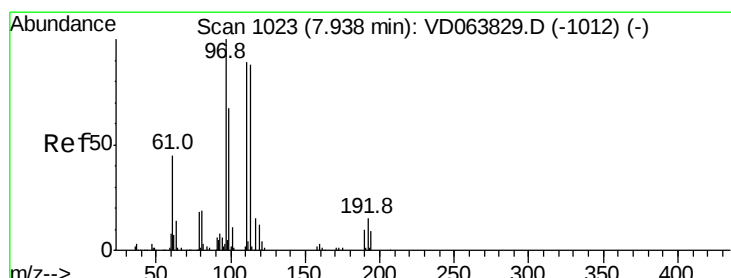
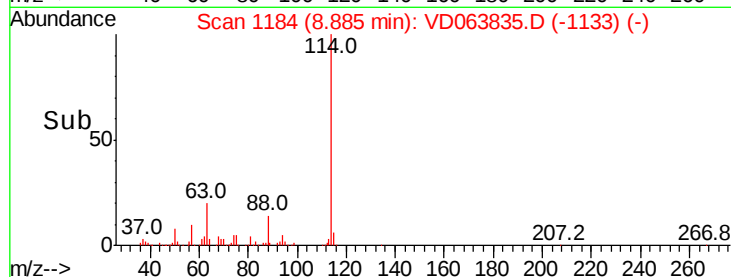
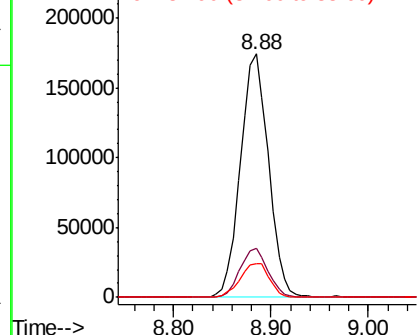
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.88 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	13.6	0.0	28.4

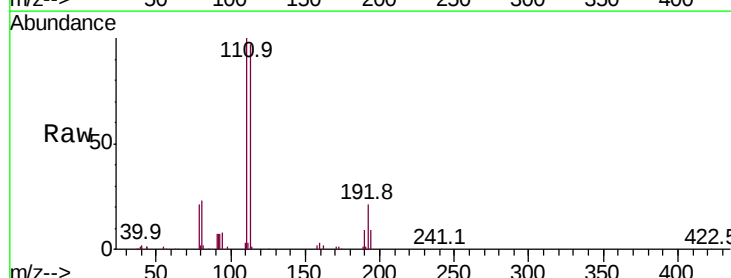


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

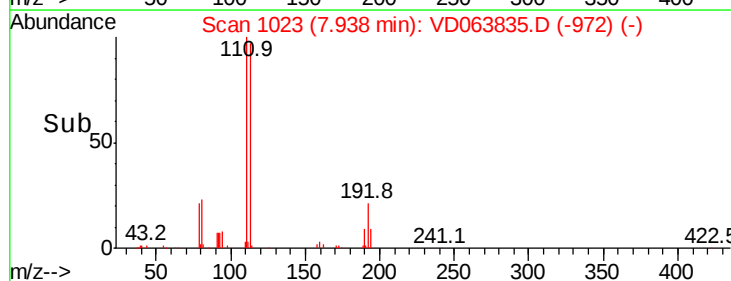
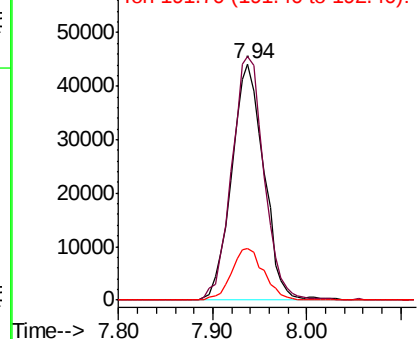


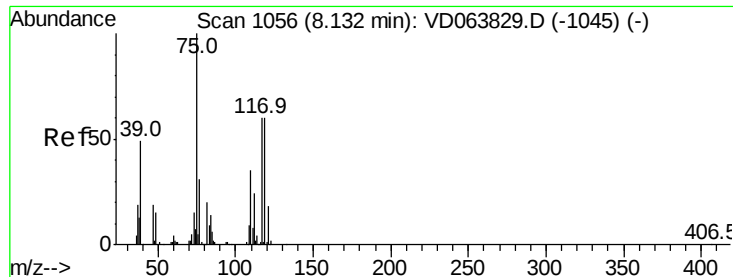
#35
 Dibromofluoromethane
 Concen: 47.472 ug/l
 RT: 7.94 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: VD063835.D
 Acq: 26 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	77.7	116.5
192	21.8	15.9	23.9



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: 5.447 ug/l

RT: 8.00 min Scan# 1034

Delta R.T. -0.13 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

ClientSampled :

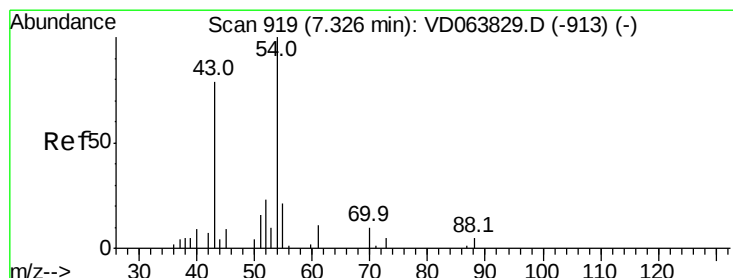
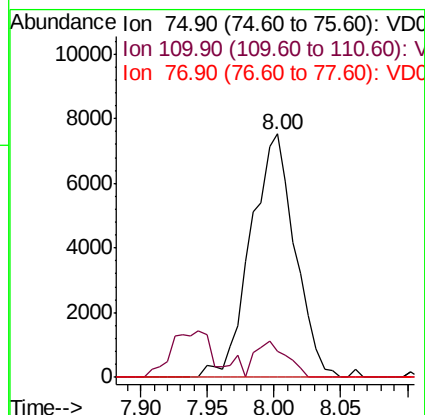
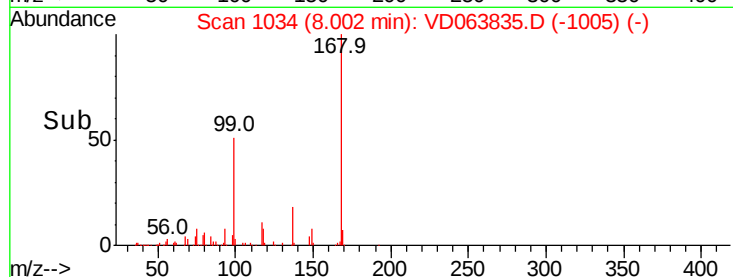
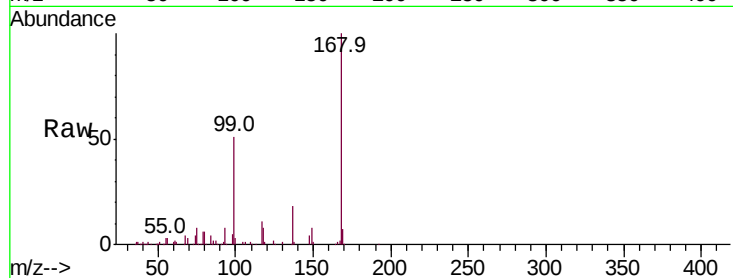
Tot Ion: 75 Resp: 17289

Ion Ratio Lower Upper

75 100

110 10.4 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: Below Cal

RT: 7.32 min Scan# 918

Delta R.T. -0.01 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

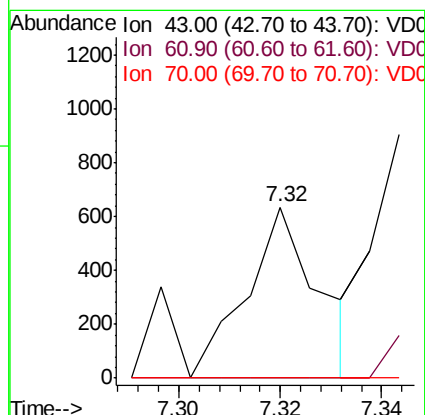
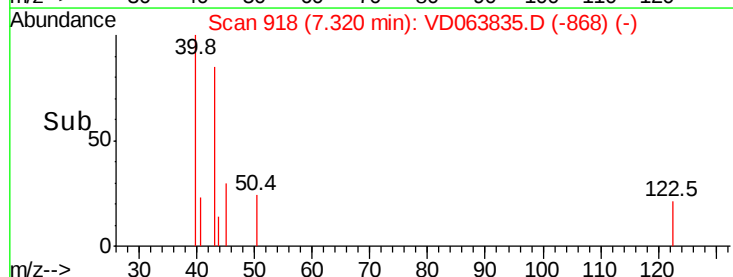
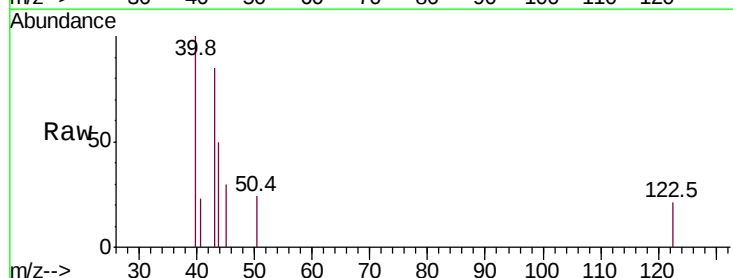
Tgt Ion: 43 Resp: 627

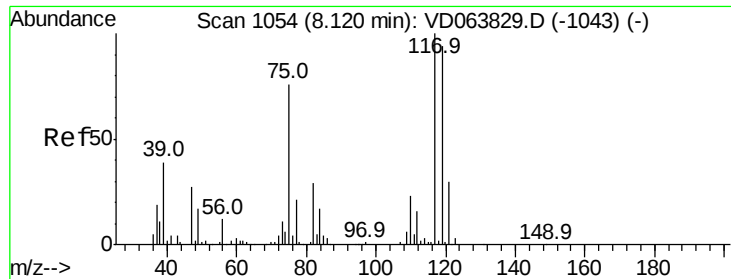
Ion Ratio Lower Upper

43 100

61 0.0 12.7 19.1#

70 0.0 8.3 12.5#

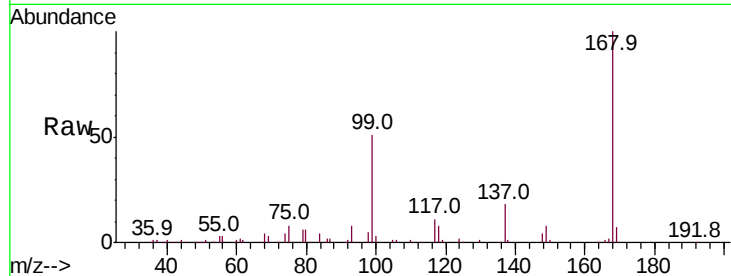




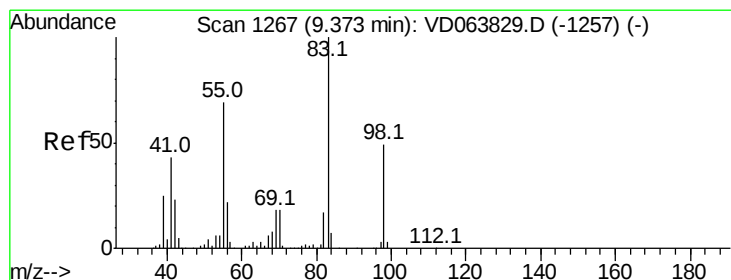
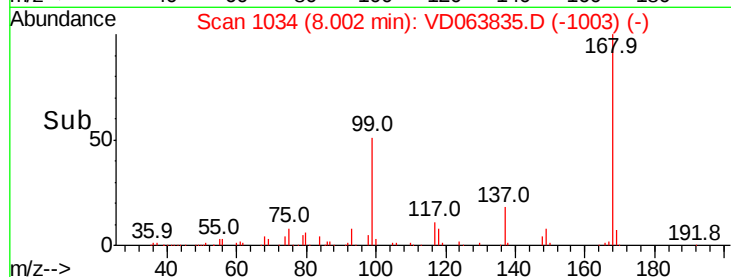
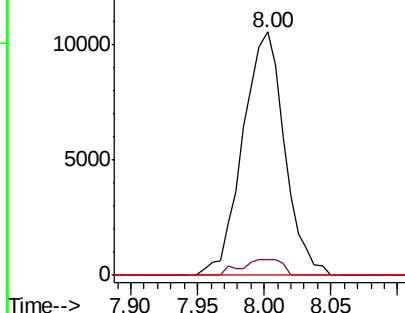
#38
Carbon Tetrachloride
Concen: 6.941 ug/l
RT: 8.00 min Scan# 1034
Delta R.T. -0.12 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 22933
Ion Ratio Lower Upper
117 100
119 6.6 75.2 112.8#
121 0.0 23.9 35.9#

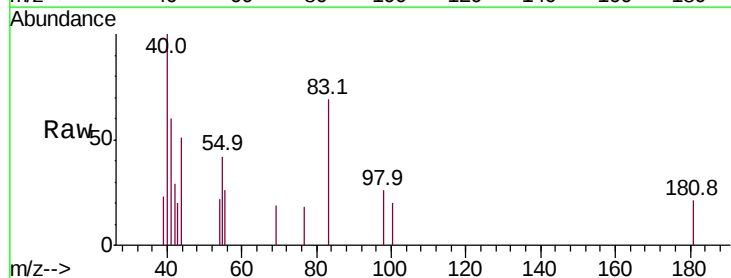


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

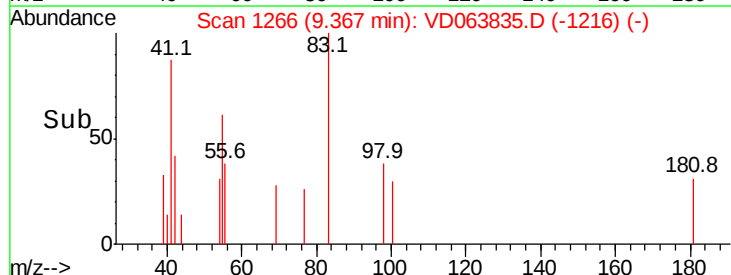
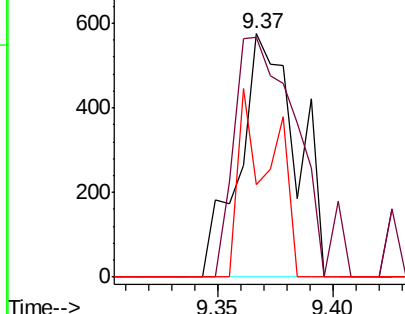


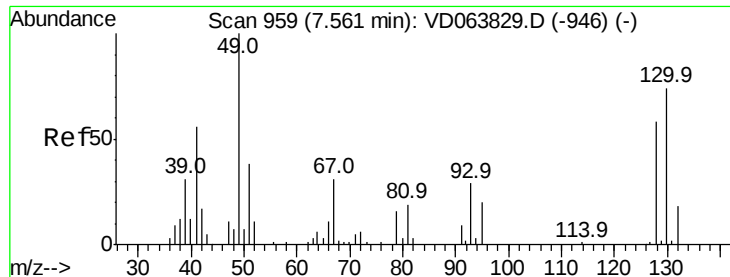
#39
Methylcyclohexane
Concen: 0.251 ug/l
RT: 9.37 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion: 83 Resp: 991
Ion Ratio Lower Upper
83 100
55 98.3 54.9 82.3#
98 38.1 39.0 58.6#



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

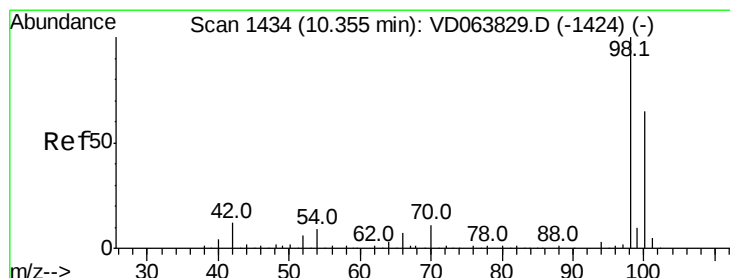
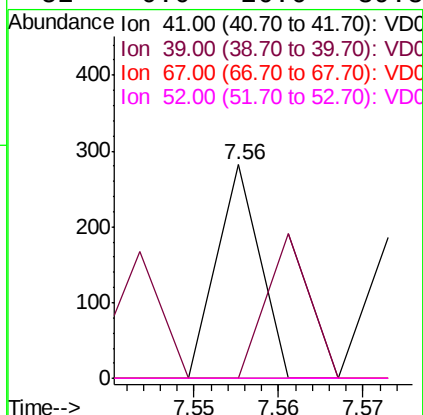
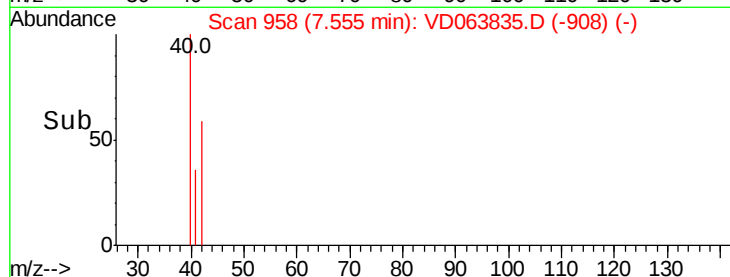
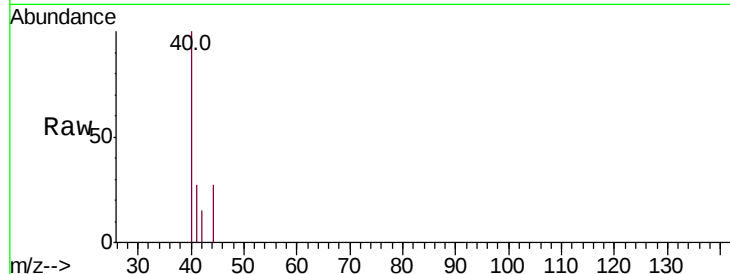




#41
Methacrylonitrile
Concen: Below Cal
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

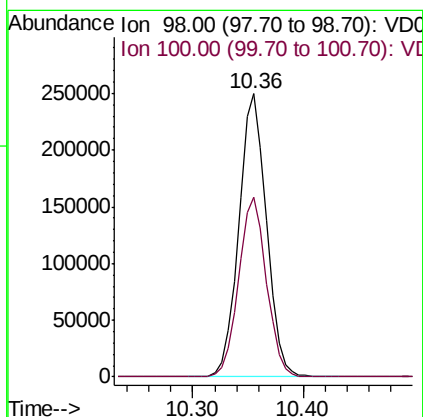
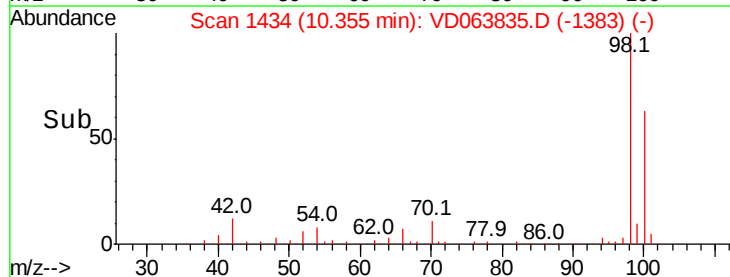
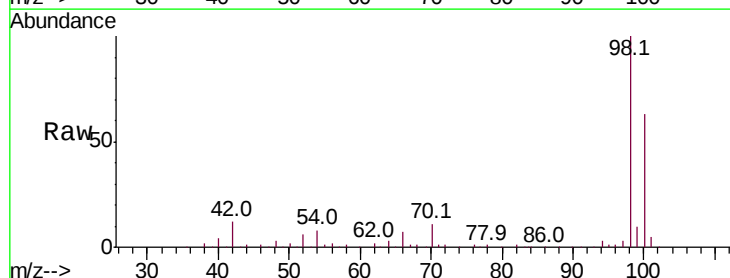
Instrument :
MSVOA_D
ClientSampleID :

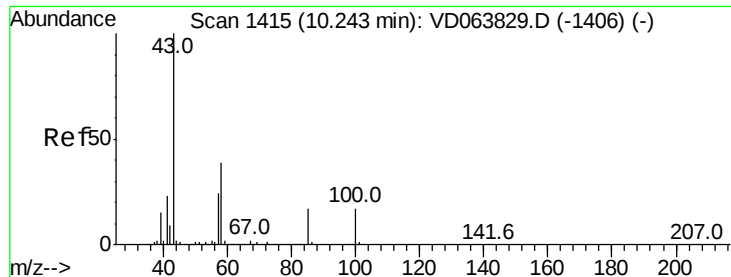
Tot Ion: 41 Resp: 100
Ion Ratio Lower Upper
41 100
39 67.0 52.2 78.4
67 0.0 58.6 87.8#
52 0.0 26.6 39.8#



#50
Toluene-d8
Concen: 52.851 ug/l
RT: 10.36 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion: 98 Resp: 439491
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.868 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. -0.01 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

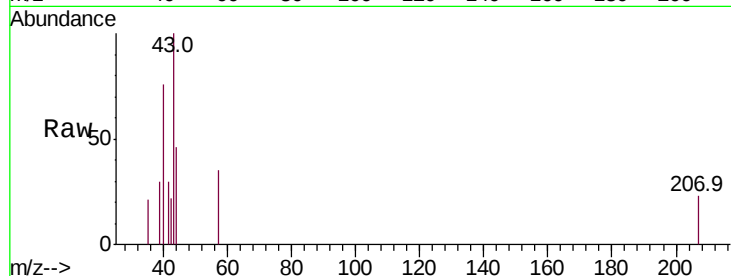
ClientSampleId :

Tot Ion: 43 Resp: 1162

Ion Ratio Lower Upper

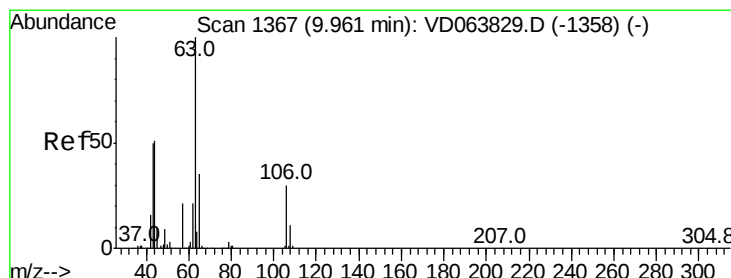
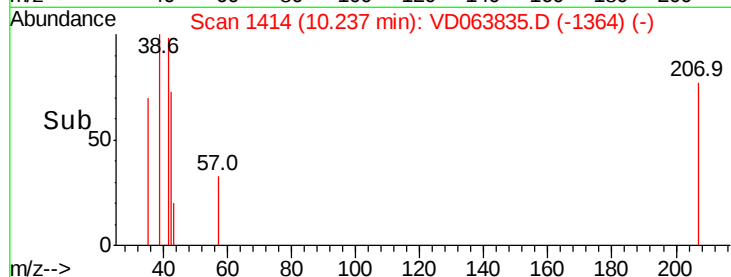
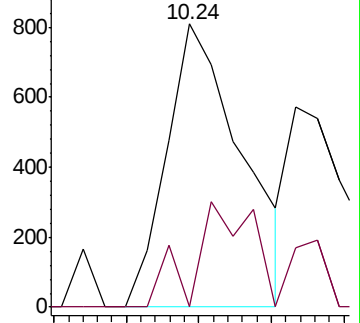
43 100

58 29.3 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 1.398 ug/l

RT: 9.96 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VD063835.D

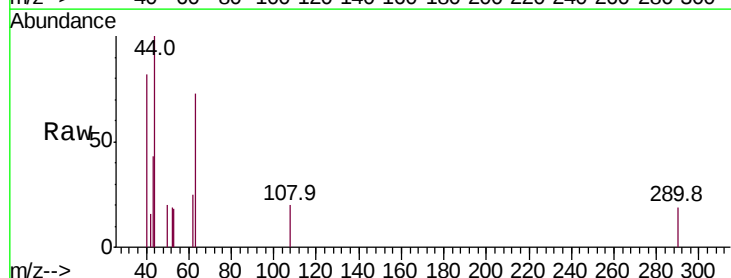
Acq: 26 Sep 2019 13:22

Tgt Ion: 63 Resp: 1368

Ion Ratio Lower Upper

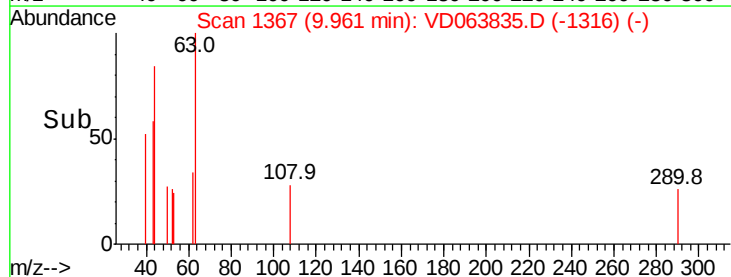
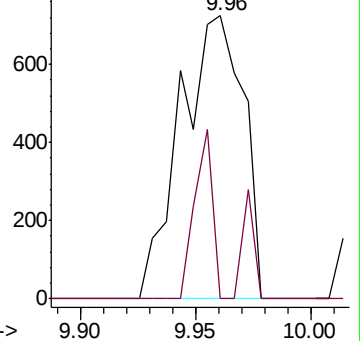
63 100

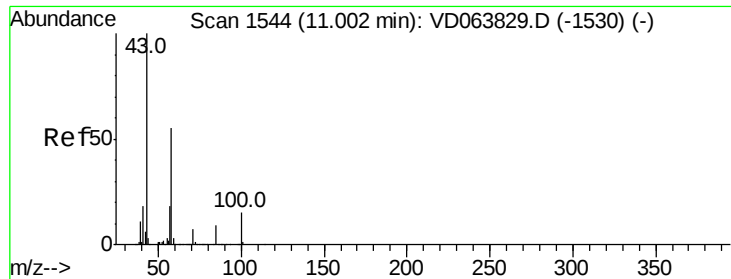
106 17.3 23.4 35.0#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

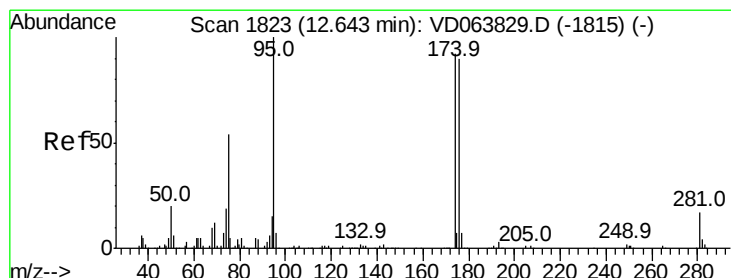
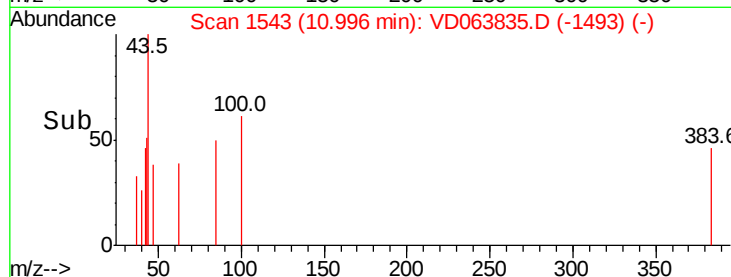
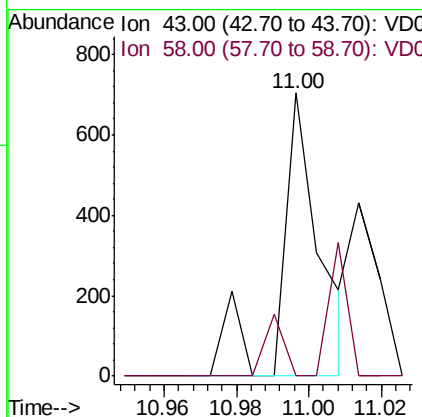
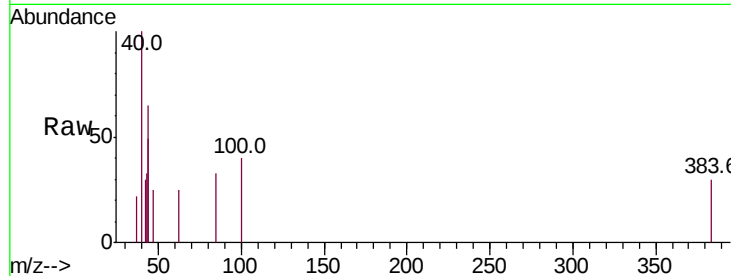




#59
2-Hexanone
Concen: 0.531 ug/l
RT: 11.00 min Scan# 1543
Delta R.T. -0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

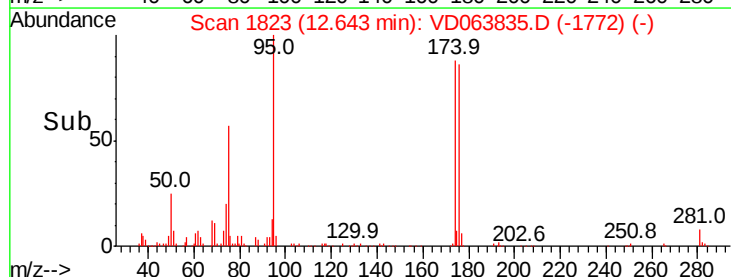
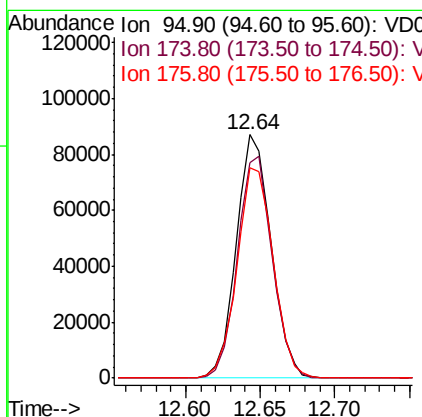
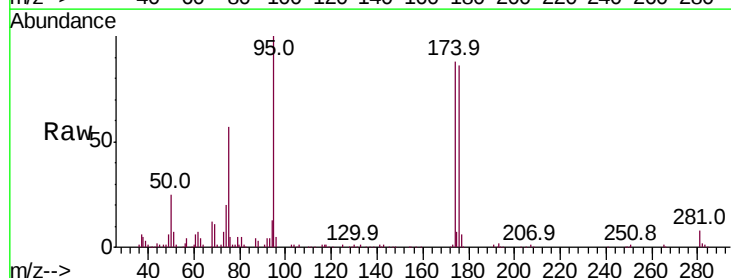
Instrument :
MSVOA_D
ClientSampleId :

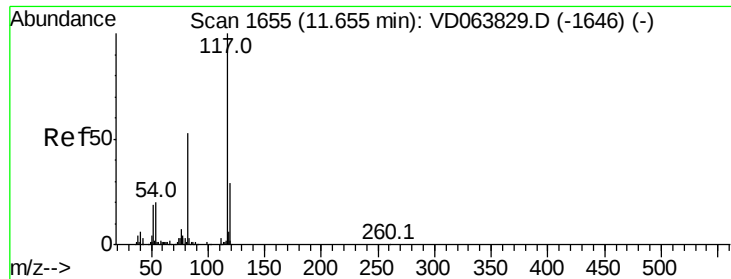
Tot Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 10.7 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 47.280 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion: 95 Resp: 141094
Ion Ratio Lower Upper
95 100
174 90.9 0.0 183.2
176 89.5 0.0 177.4

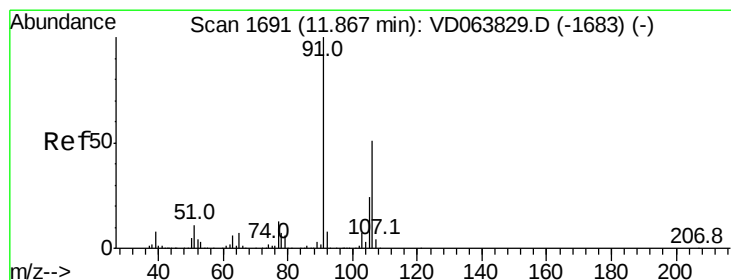
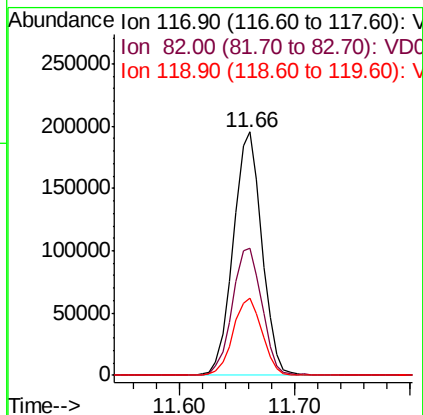
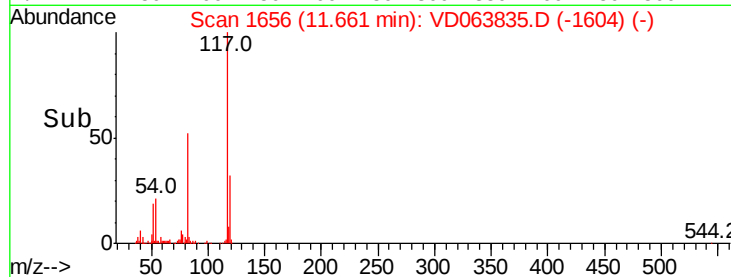
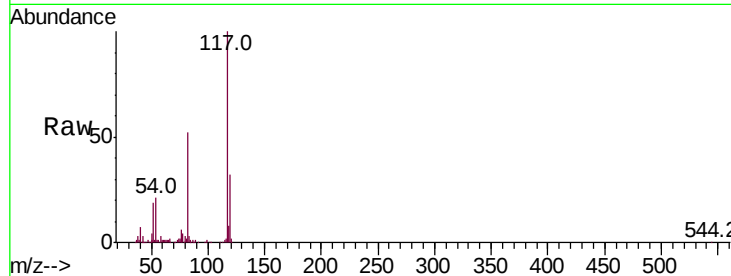




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1656
Delta R.T. 0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

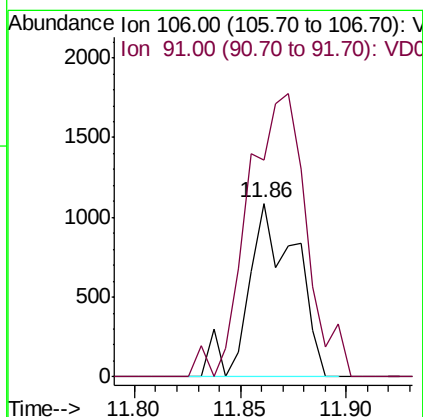
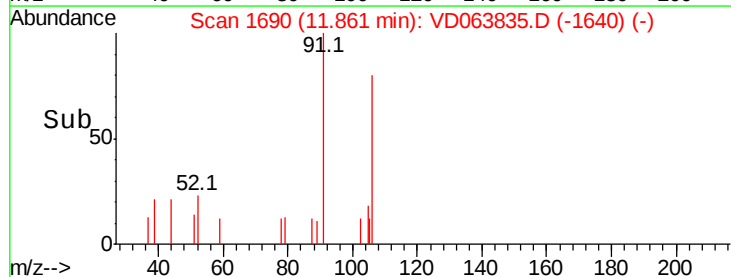
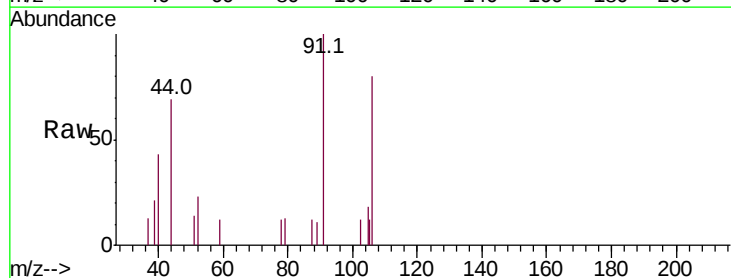
Instrument :
MSVOA_D
ClientSampleId :

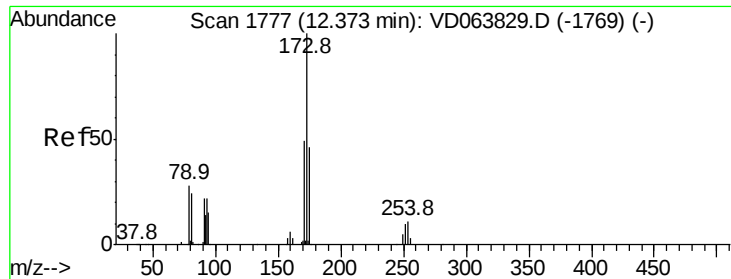
Tot Ion:117 Resp: 335286
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.6 23.5 35.3



#68
m/p-Xylenes
Concen: 0.365 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VD063835.D
Acq: 26 Sep 2019 13:22

Tgt Ion:106 Resp: 1706
Ion Ratio Lower Upper
106 100
91 200.3 157.6 236.4





#71

Bromoform

Concen: 0.708 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.26 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

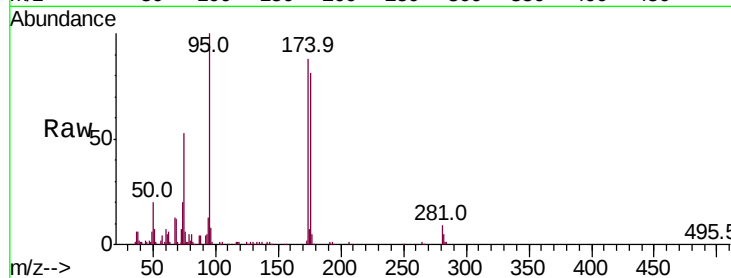
Tot Ion:173 Resp: 975

Ion Ratio Lower Upper

173 100

175 0.0 23.3 69.8#

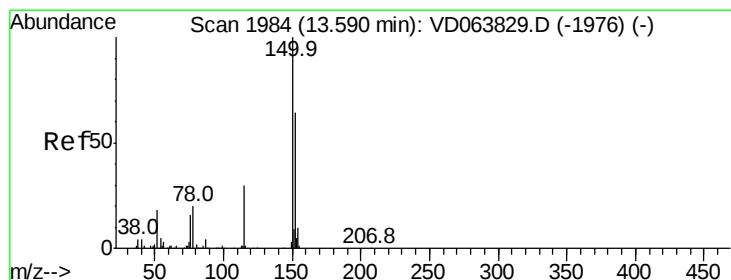
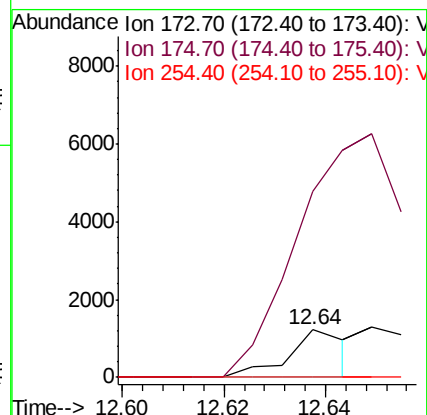
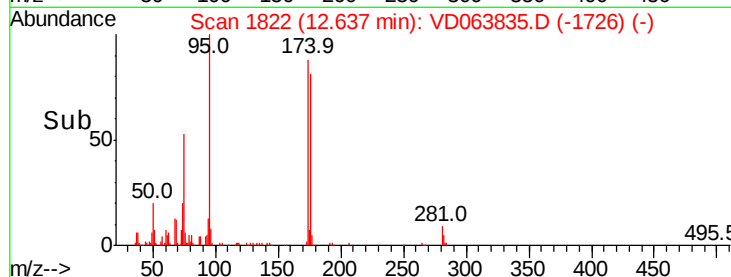
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.59 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

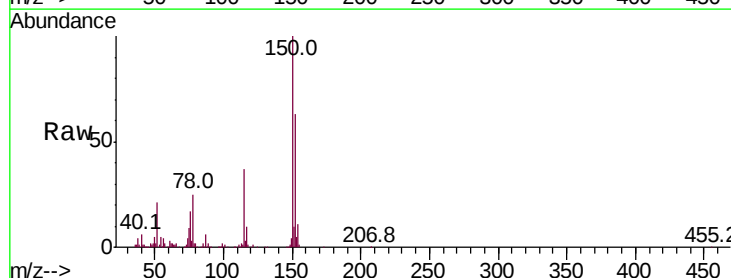
Tgt Ion:152 Resp: 160981

Ion Ratio Lower Upper

152 100

115 56.8 27.0 81.0

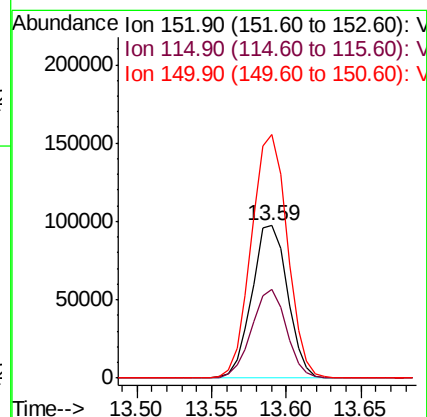
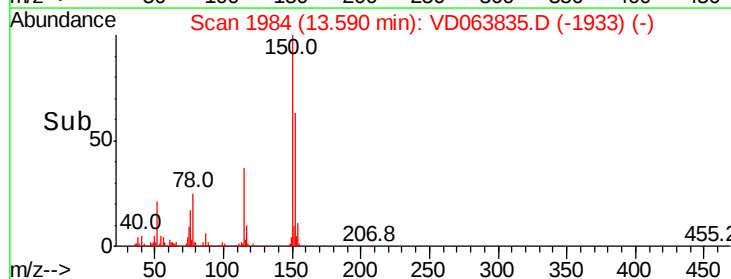
150 160.9 0.0 344.0

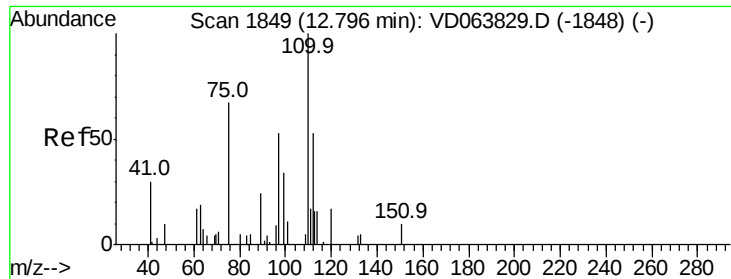


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 63.681 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

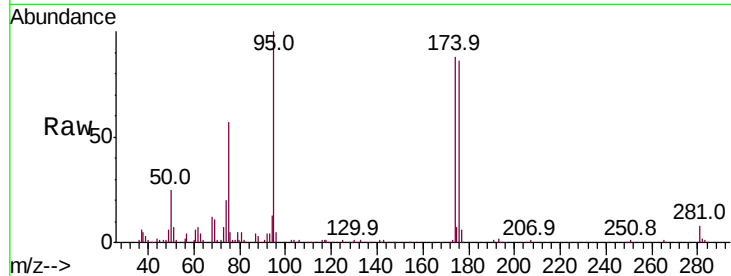
ClientSampleId :

Tot Ion: 75 Resp: 77732

Ion Ratio Lower Upper

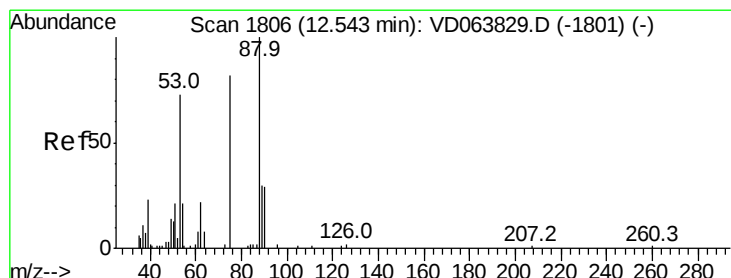
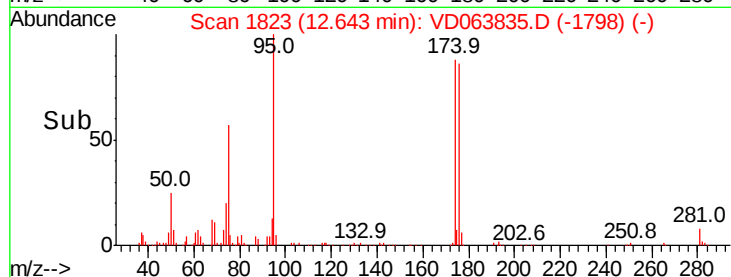
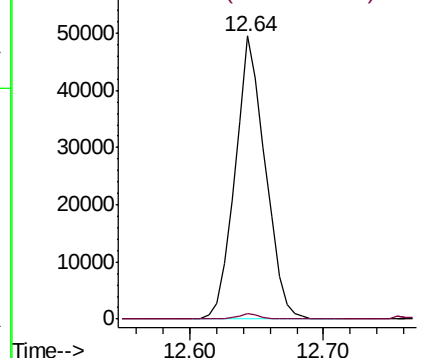
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 127.180 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.10 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

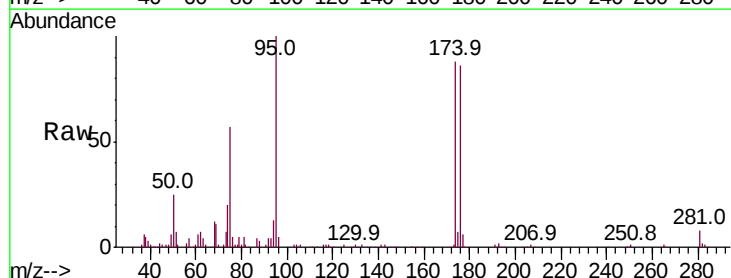
Tgt Ion: 75 Resp: 77732

Ion Ratio Lower Upper

75 100

53 0.1 76.5 114.7#

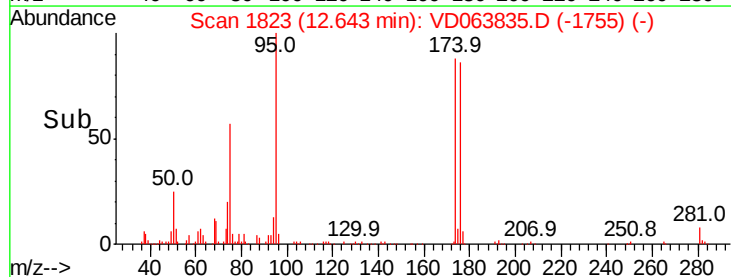
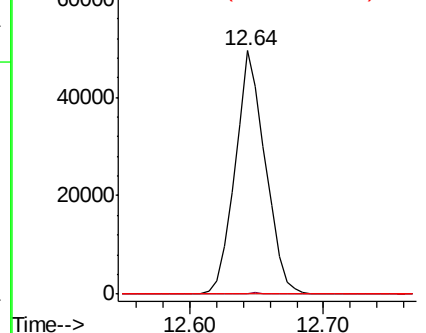
89 0.0 37.0 55.6#

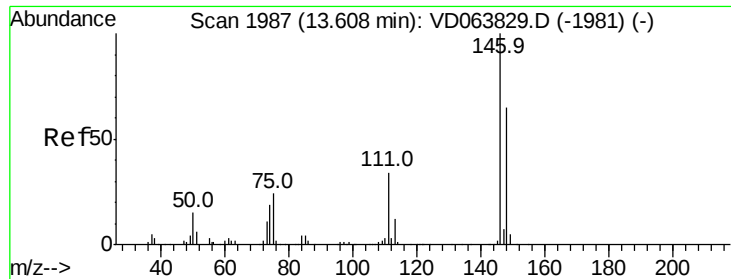


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#88

1,4-Dichlorobenzene

Concen: 0.306 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

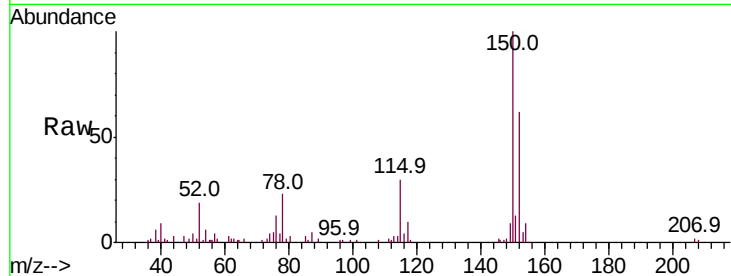
Tot Ion:146 Resp: 1579

Ion Ratio Lower Upper

146 100

111 152.0 18.5 55.5#

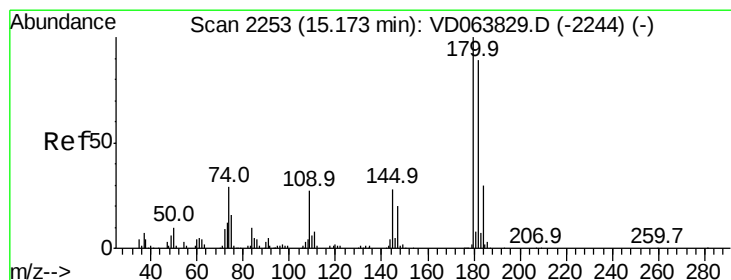
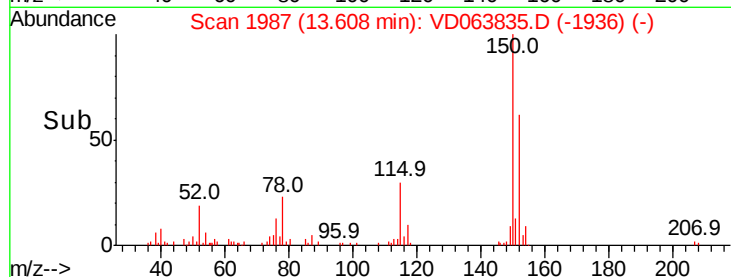
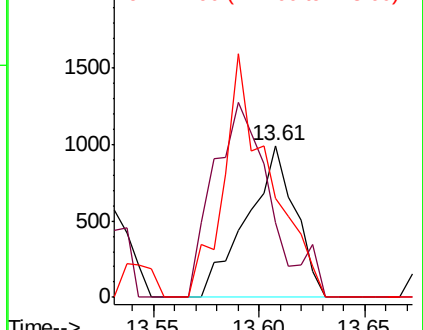
148 152.1 33.0 99.0#



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: 0.351 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

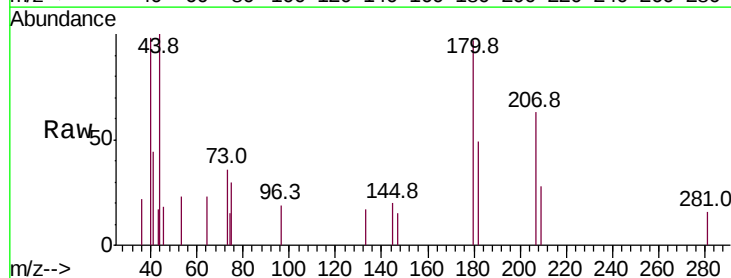
Tgt Ion:180 Resp: 1185

Ion Ratio Lower Upper

180 100

182 73.7 46.5 139.5

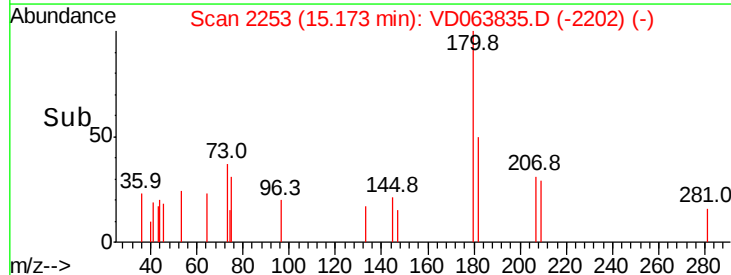
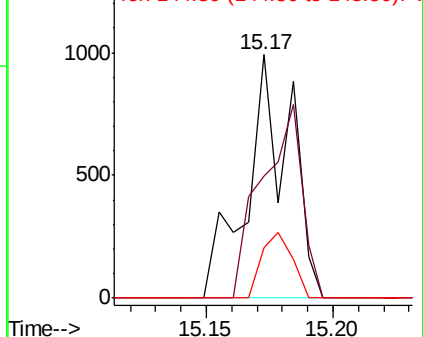
145 18.6 14.4 43.4

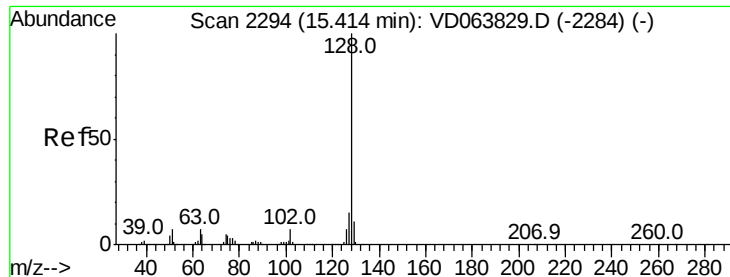


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.307 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

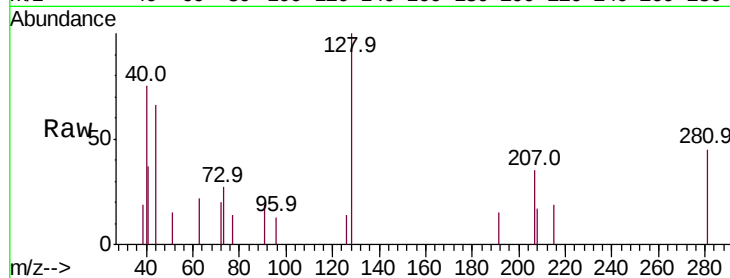
Tot Ion:128 Resp: 1861

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

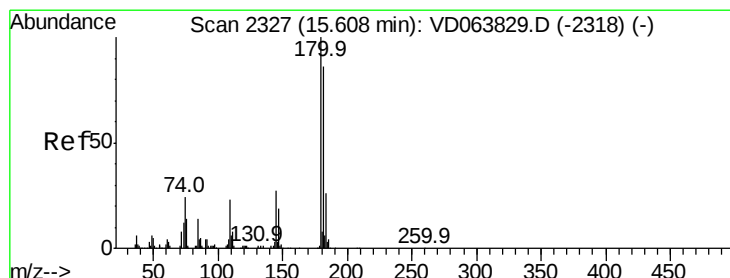
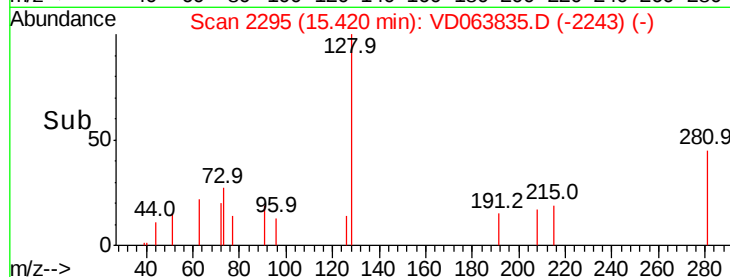
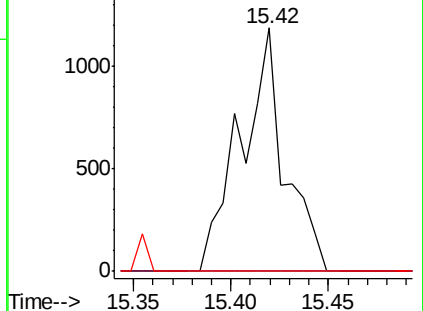
129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.231 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD063835.D

Acq: 26 Sep 2019 13:22

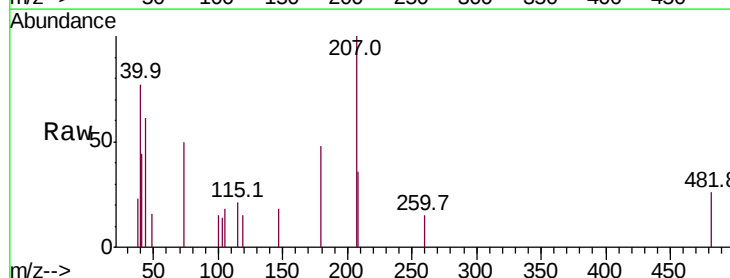
Tgt Ion:180 Resp: 691

Ion Ratio Lower Upper

180 100

182 110.7 46.6 139.7

145 8.1 14.5 43.5#



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

