

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
 Data File : VD063721.D
 Acq On : 21 Aug 2019 19:00
 Operator : JC/SY
 Sample : K4388-11RE
 Misc : 11.29g/5ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)RE

Quant Time: Aug 22 01:28:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	12344	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	17540	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	16022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6538	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	13761	104.29	ug/l	-0.03
Spiked Amount			Recovery	=	208.58%	
35) Dibromofluoromethane	6.92	113	7578	51.30	ug/l	-0.02
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	10.40	98	19211	59.15	ug/l	-0.02
Spiked Amount			Recovery	=	118.30%	
62) 4-Bromofluorobenzene	13.55	95	7497	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	

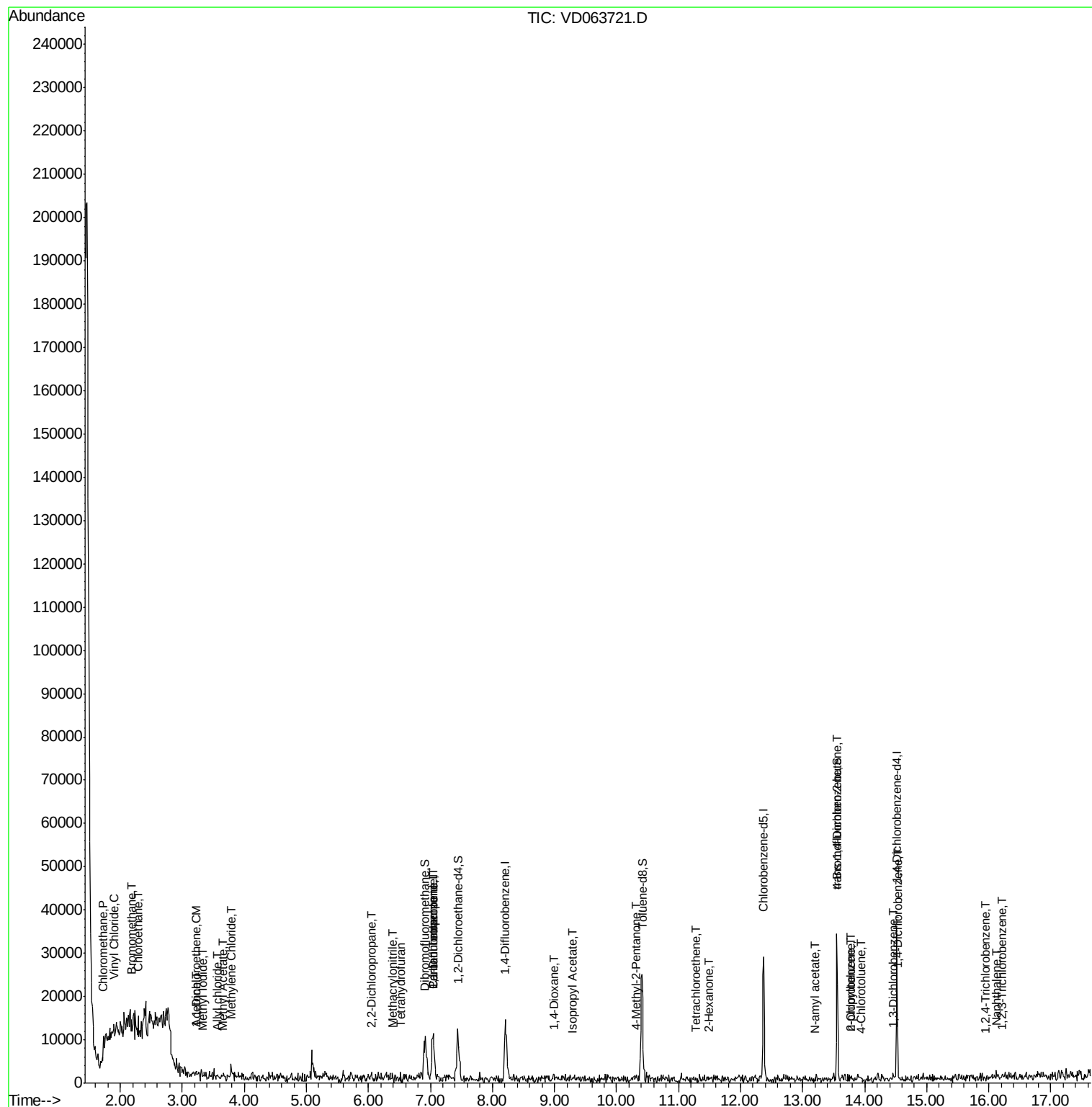
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.73	50	325	2.785	ug/l #	41
4) Vinyl Chloride	1.89	62	257	2.219	ug/l #	42
5) Bromomethane	2.18	94	2992	54.743	ug/l #	11
6) Chloroethane	2.29	64	226	4.267	ug/l #	42
10) Methyl Iodide	3.33	142	191	1.006	ug/l #	29
12) 1,1-Dichloroethene	3.23	96	236	2.366	ug/l #	1
14) Allyl chloride	3.58	41	380	2.534	ug/l #	8
16) Acetone	3.24	43	553	20.617	ug/l #	65
18) Methyl Acetate	3.65	43	377	7.420	ug/l #	57
20) Methylene Chloride	3.79	84	1885	16.252	ug/l #	24
26) 2,2-Dichloropropane	6.05	77	261	1.365	ug/l #	59
29) Tetrahydrofuran	6.52	42	257	20.820	ug/l #	35
36) 1,1-Dichloropropene	7.06	75	185	1.193	ug/l #	42
38) Carbon Tetrachloride	7.05	117	1035	4.429	ug/l #	13
41) Methacrylonitrile	6.39	41	233	2.848	ug/l #	37
43) Isopropyl Acetate	9.28	43	264	3.034	ug/l #	48
49) 1,4-Dioxane	8.97	88	201	396.708	ug/l #	34
51) 4-Methyl-2-Pentanone	10.31	43	181	3.040	ug/l #	40
59) 2-Hexanone	11.49	43	358	8.263	ug/l #	30
64) Tetrachloroethene	11.28	164	180	1.455	ug/l #	1
74) N-amyl acetate	13.20	43	189	1.810	ug/l #	53
78) n-propylbenzene	13.77	91	506	1.040	ug/l #	53
79) 2-Chlorotoluene	13.77	91	506	1.804	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	4219	209.200	ug/l #	1
82) 4-Chlorotoluene	13.95	91	540	1.601	ug/l #	44
87) 1,3-Dichlorobenzene	14.46	146	209	1.017	ug/l #	23
88) 1,4-Dichlorobenzene	14.54	146	256	1.298	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.94	180	310	2.415	ug/l #	10
95) Naphthalene	16.12	128	746	3.835	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.22	180	279	2.691	ug/l #	12

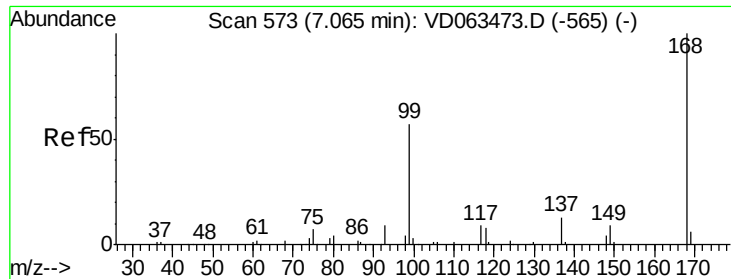
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

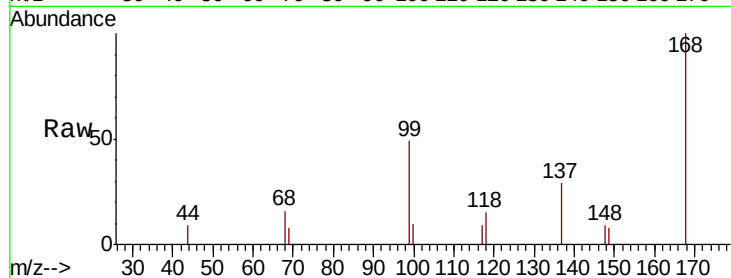
T4-D-(0)RE

Tgt Ion:168 Resp: 12344

Ion Ratio Lower Upper

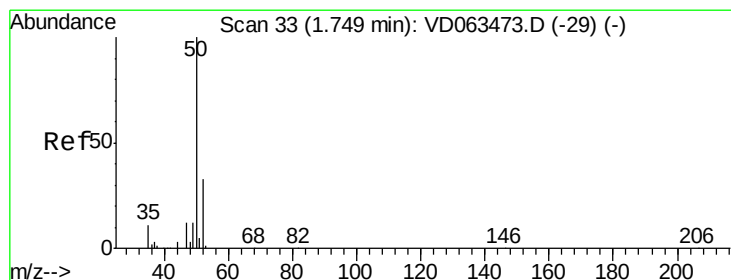
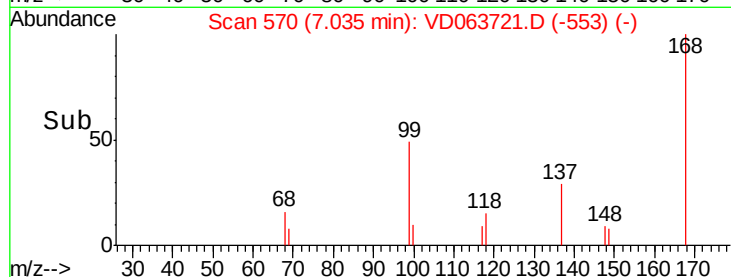
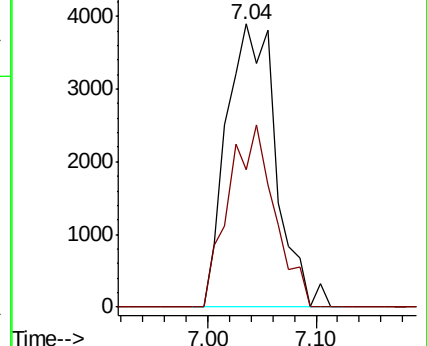
168 100

99 48.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.785 ug/l

RT: 1.73 min Scan# 31

Delta R.T. -0.02 min

Lab File: VD063721.D

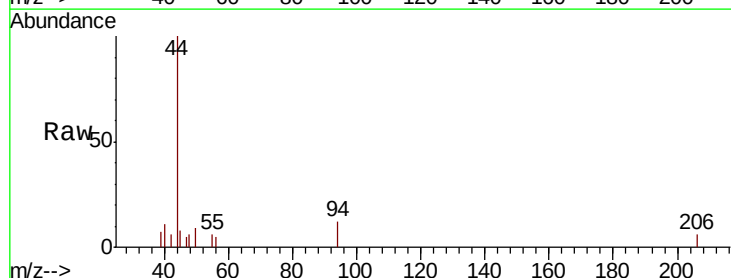
Acq: 21 Aug 2019 19:00

Tgt Ion: 50 Resp: 325

Ion Ratio Lower Upper

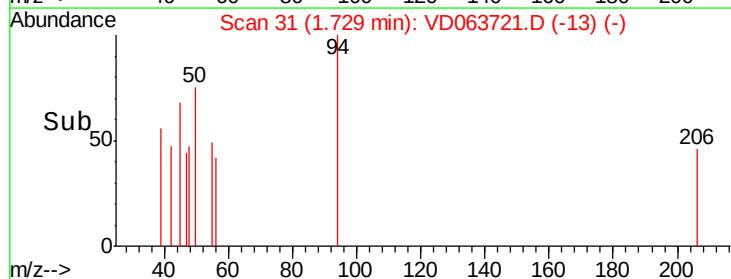
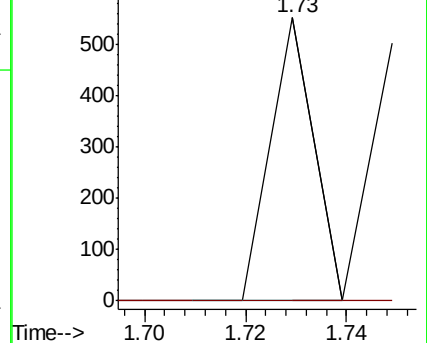
50 100

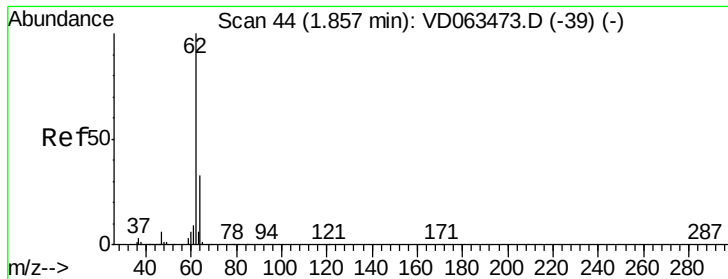
52 0.0 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 2.219 ug/l

RT: 1.89 min Scan# 47

Delta R.T. 0.03 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

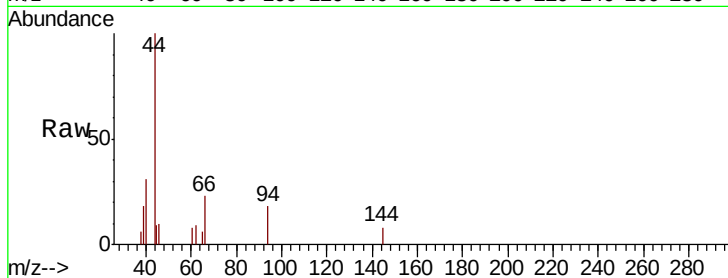
T4-D-(0)RE

Tgt Ion: 62 Resp: 257

Ion Ratio Lower Upper

62 100

64 0.0 26.4 39.6#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.89

400

300

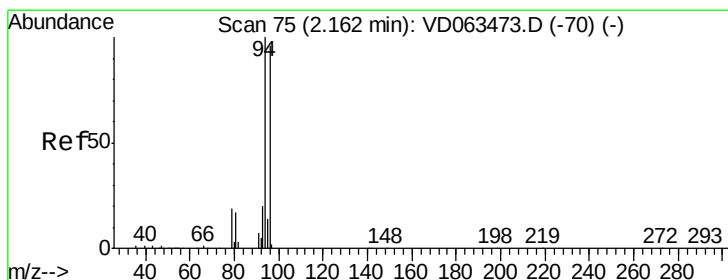
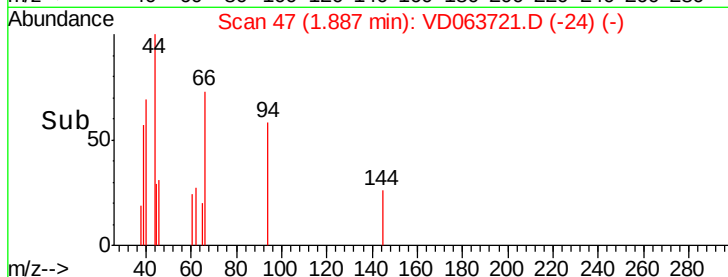
200

100

0

1.86 1.88 1.90 1.92

Time-->



#5

Bromomethane

Concen: 54.743 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.02 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

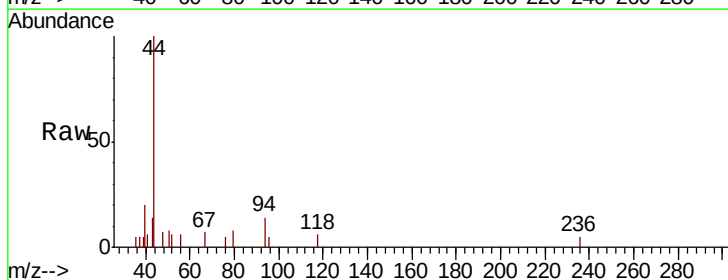
Tgt Ion: 94 Resp: 2992

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

93 0.0 15.8 23.8#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

1200

1000

800

600

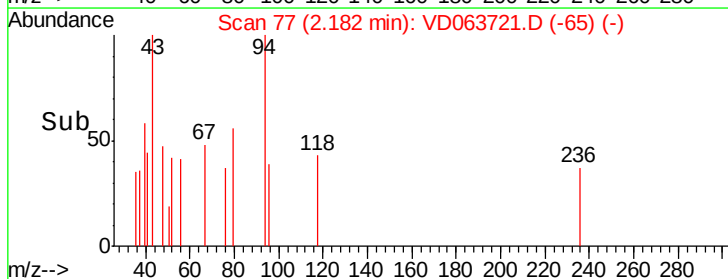
400

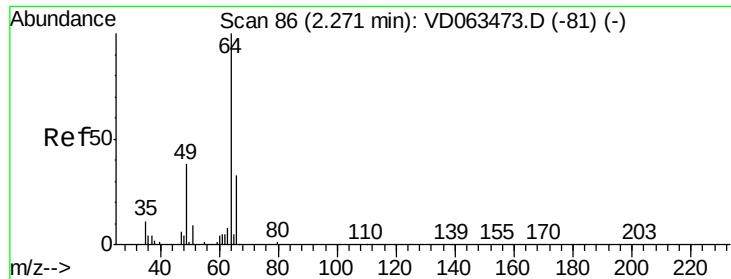
200

0

2.10 2.15 2.20

Time-->





#6

Chloroethane

Concen: 4.267 ug/l

RT: 2.29 min Scan# 88

Delta R.T. 0.02 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

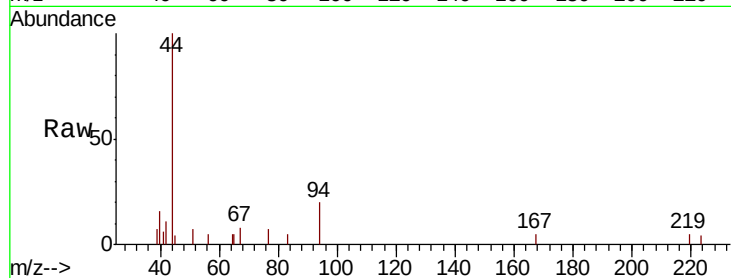
T4-D-(0)RE

Tgt Ion: 64 Resp: 226

Ion Ratio Lower Upper

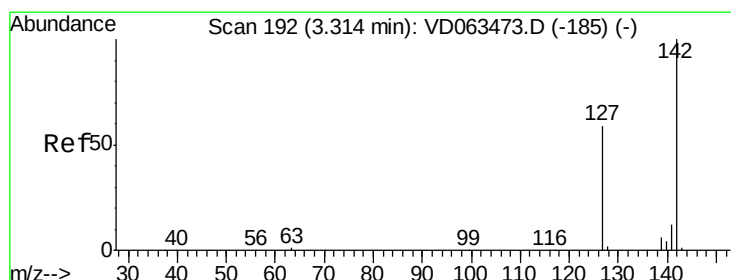
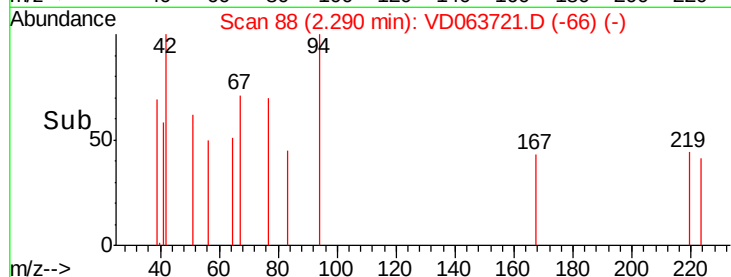
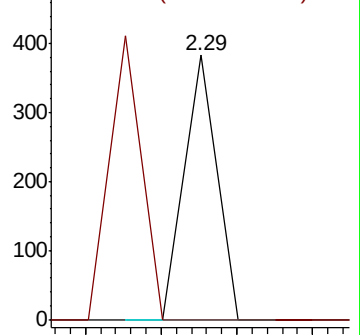
64 100

66 0.0 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#10

Methyl Iodide

Concen: 1.006 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.02 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

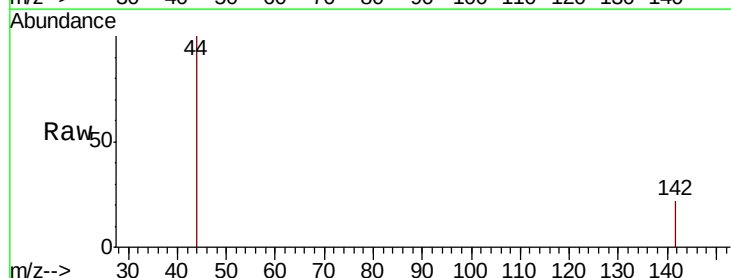
Tgt Ion: 142 Resp: 191

Ion Ratio Lower Upper

142 100

127 0.0 47.2 70.8#

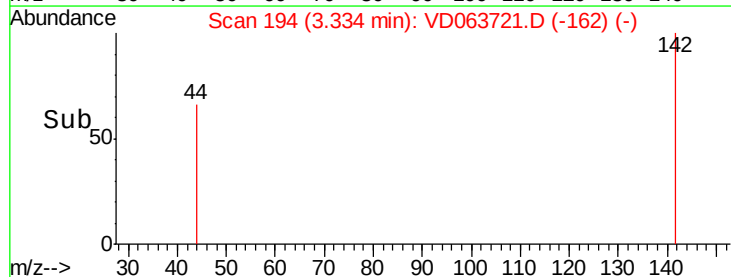
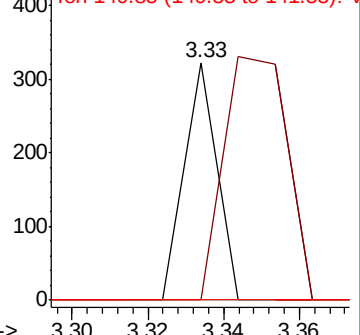
141 0.0 9.8 14.8#

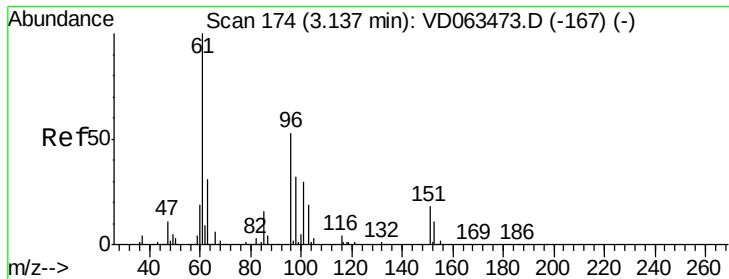


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#12

1,1-Dichloroethene

Concen: 2.366 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.09 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)RE

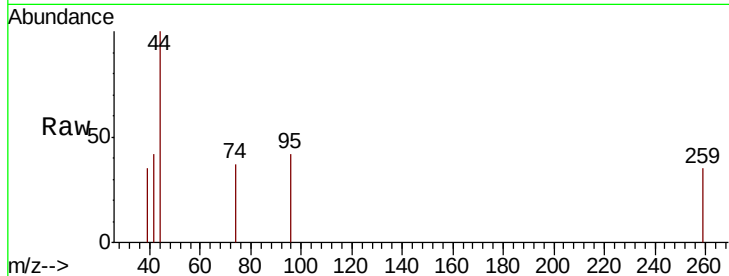
Tgt Ion: 96 Resp: 236

Ion Ratio Lower Upper

96 100

61 0.0 151.7 227.5#

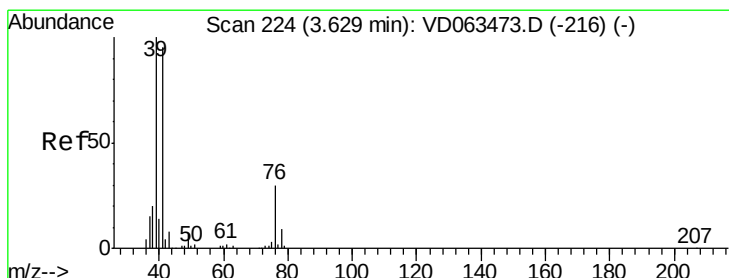
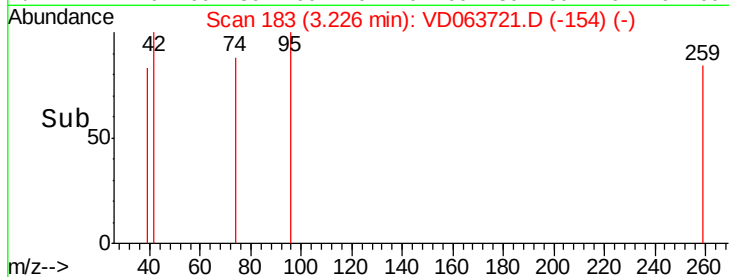
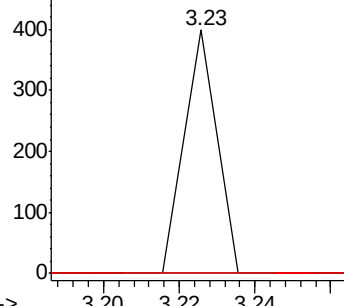
98 0.0 48.4 72.6#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#14

Allyl chloride

Concen: 2.534 ug/l

RT: 3.58 min Scan# 219

Delta R.T. -0.05 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

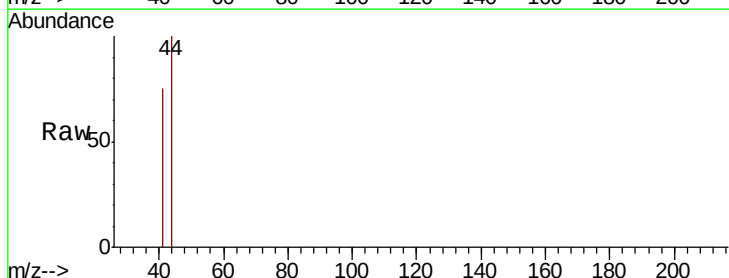
Tgt Ion: 41 Resp: 380

Ion Ratio Lower Upper

41 100

39 0.0 84.2 126.4#

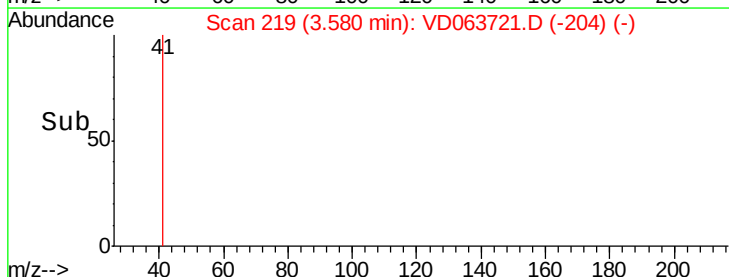
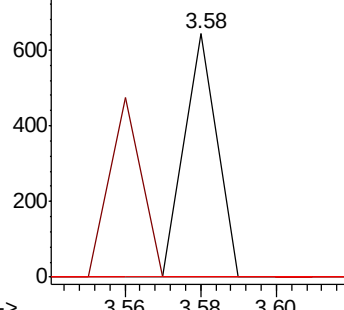
76 0.0 26.0 39.0#

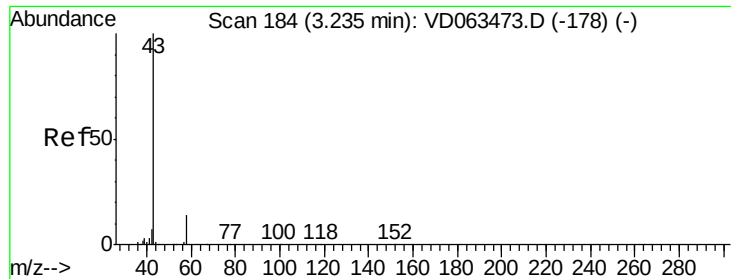


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#16

Acetone

Concen: 20.617 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

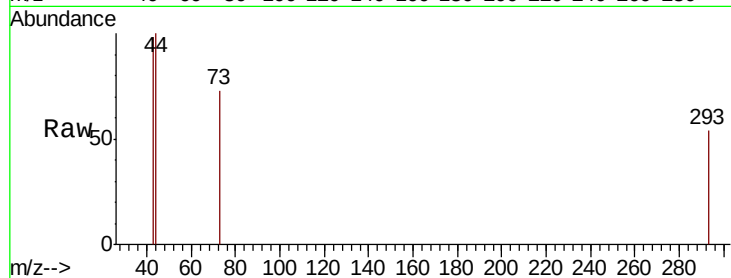
T4-D-(0)RE

Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

600

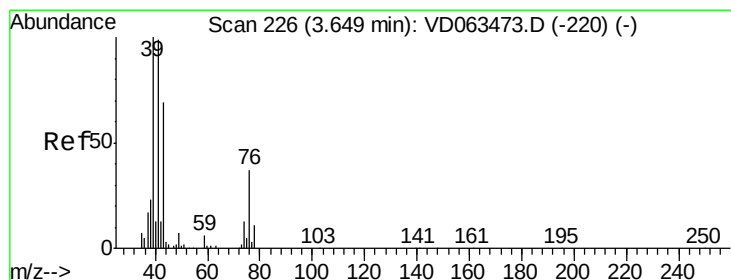
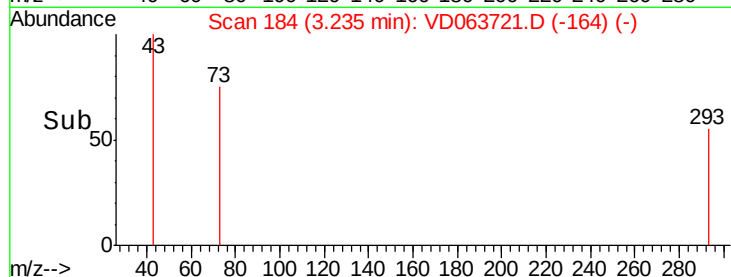
400

200

0

3.22 3.24 3.26

Time-->



#18

Methyl Acetate

Concen: 7.420 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.00 min

Lab File: VD063721.D

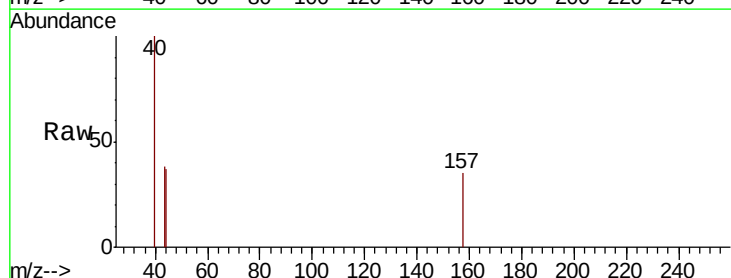
Acq: 21 Aug 2019 19:00

Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

74 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.65

300

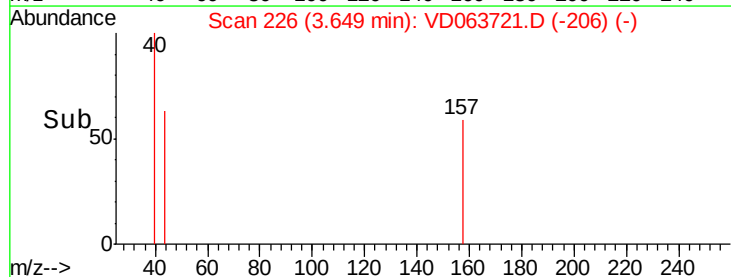
200

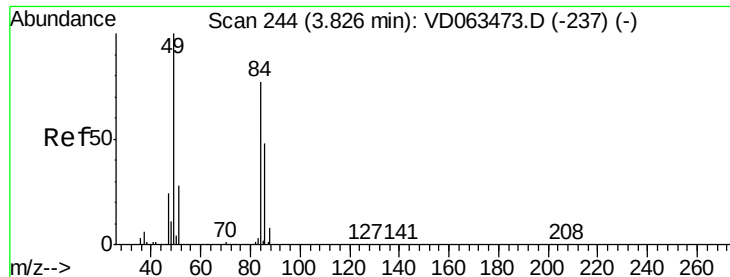
100

0

3.60 3.65 3.70

Time-->

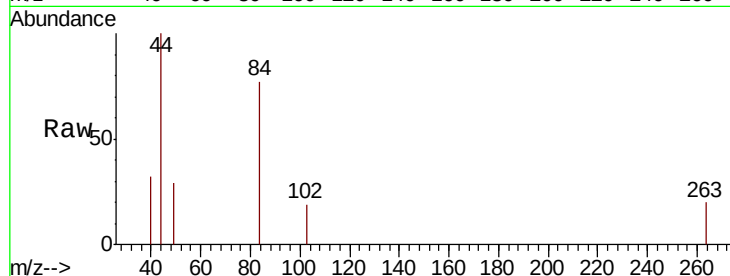




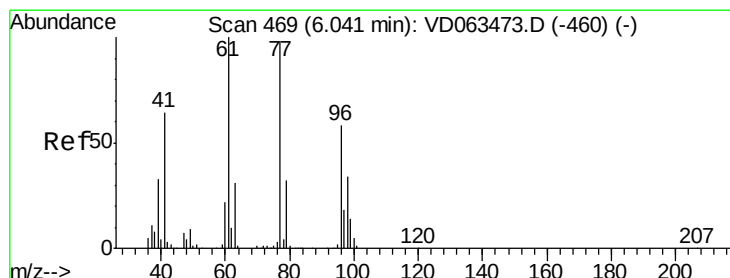
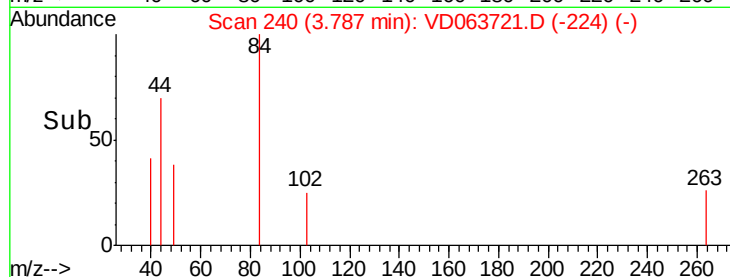
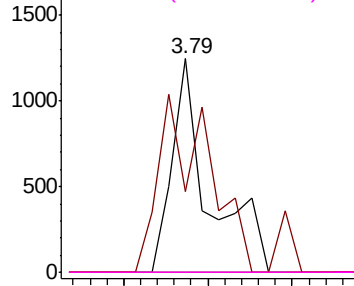
#20
Methylene Chloride
Concen: 16.252 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.04 min
Lab File: VD063721.D
Acq: 21 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
T4-D-(0)RE

Tgt Ion:	84	Resp:	1885
Ion	Ratio	Lower	Upper
84	100		
49	37.8	103.4	155.2#
51	0.0	28.5	42.7#
86	0.0	49.4	74.2#

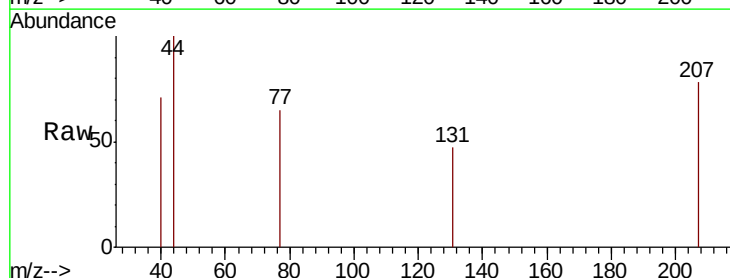


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

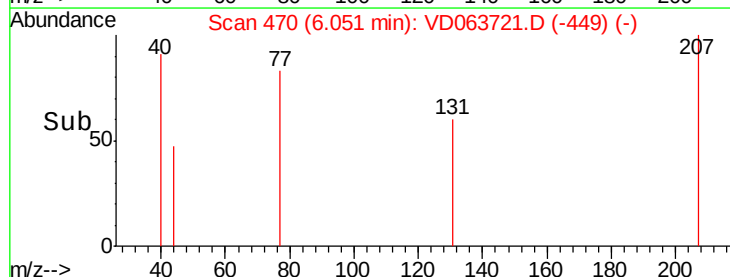
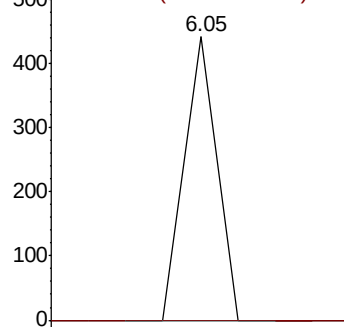


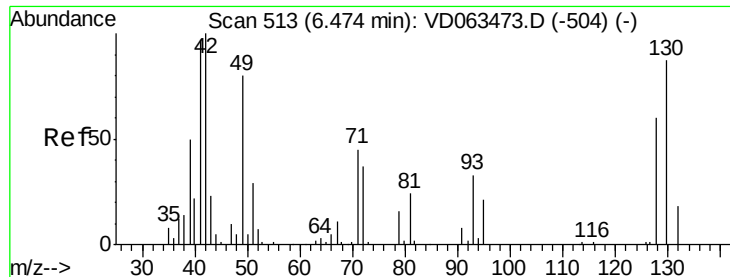
#26
2,2-Dichloropropane
Concen: 1.365 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD063721.D
Acq: 21 Aug 2019 19:00

Tgt Ion:	77	Resp:	261
Ion	Ratio	Lower	Upper
77	100		
97	0.0	9.0	27.1#



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC





#29

Tetrahydrofuran

Concen: 20.820 ug/l

RT: 6.52 min Scan# 518

Delta R.T. 0.05 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)RE

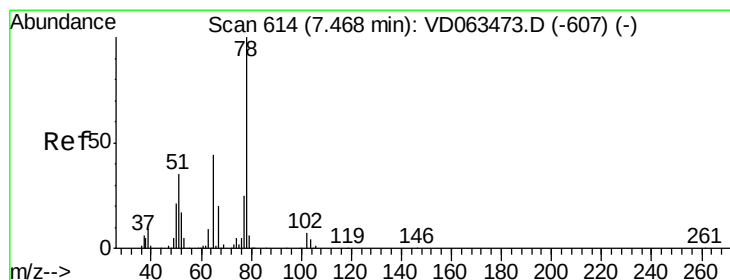
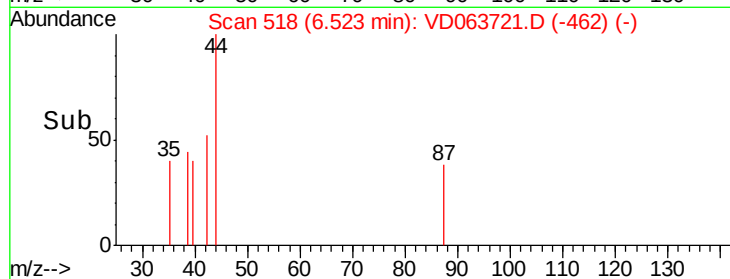
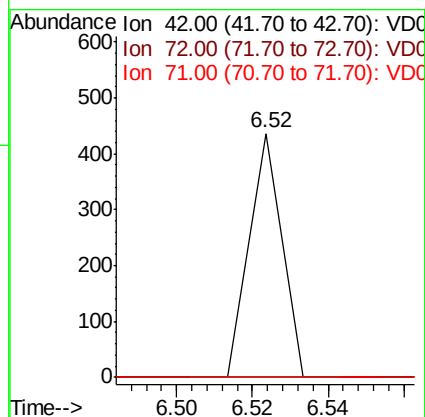
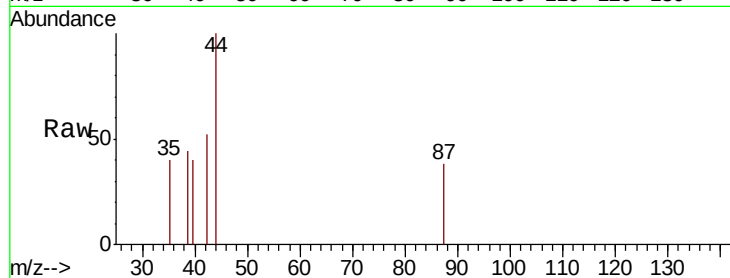
Tgt Ion: 42 Resp: 257

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

71 0.0 33.8 50.8#



#33

1,2-Dichloroethane-d4

Concen: 104.291 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063721.D

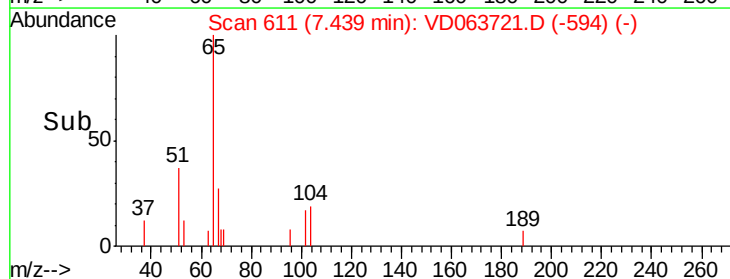
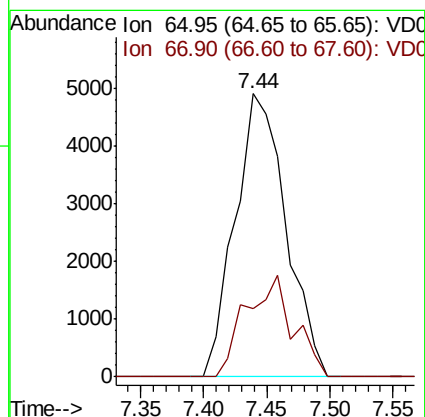
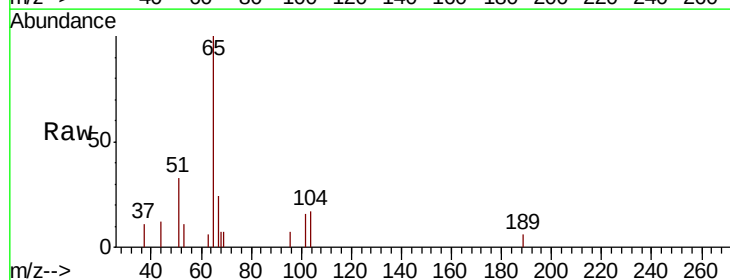
Acq: 21 Aug 2019 19:00

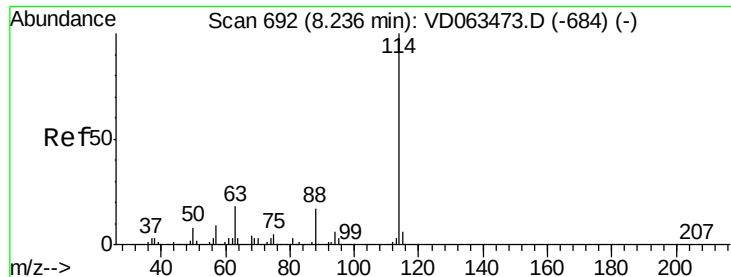
Tgt Ion: 65 Resp: 13761

Ion Ratio Lower Upper

65 100

67 24.3 0.0 89.2

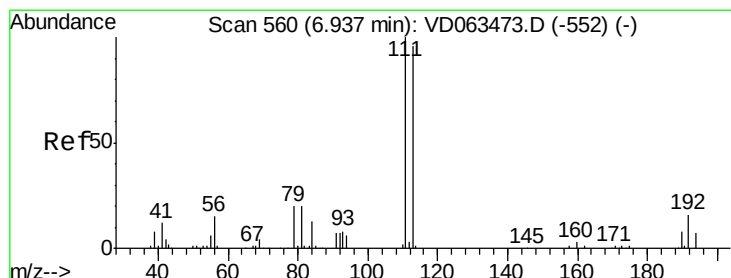
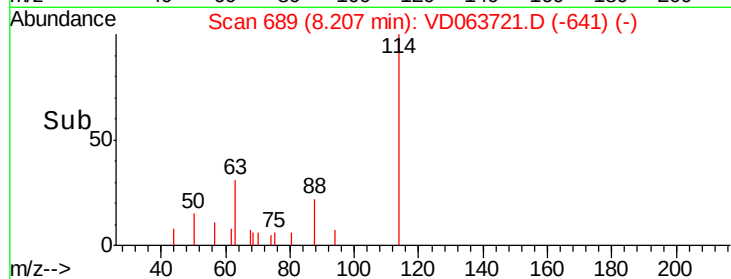
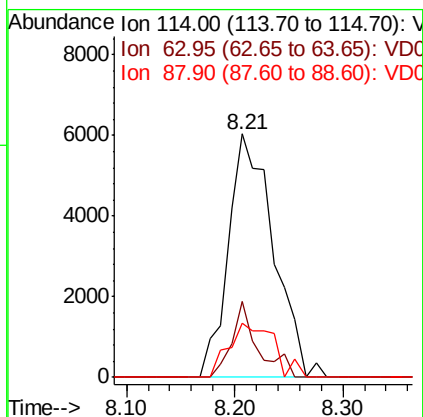
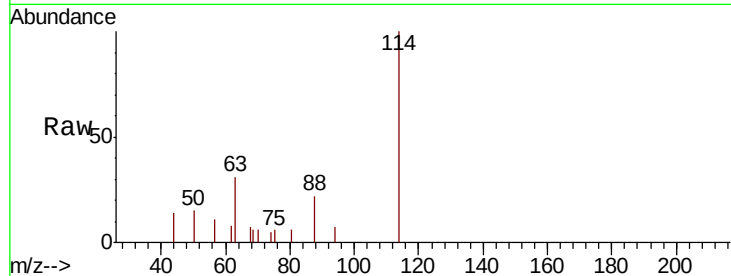




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

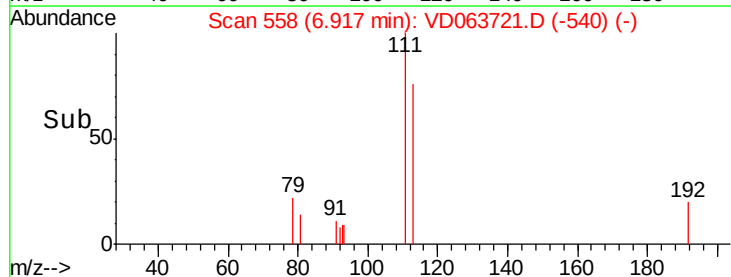
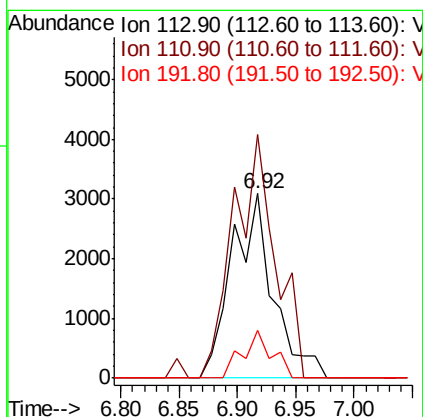
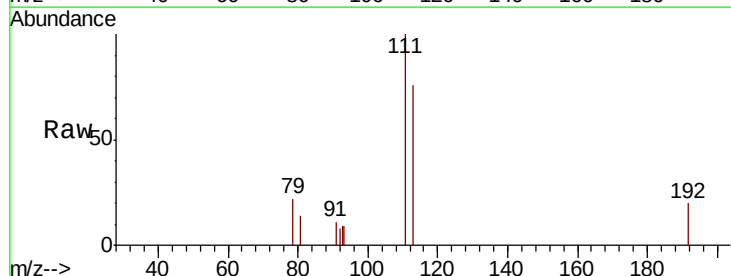
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)RE

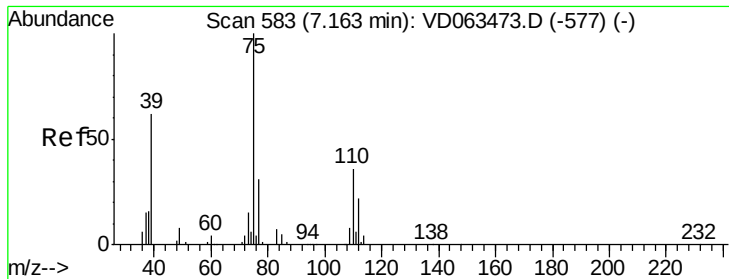
Tgt Ion:114 Resp: 17540
 Ion Ratio Lower Upper
 114 100
 63 31.2 0.0 36.2
 88 22.2 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 51.299 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

Tgt Ion:113 Resp: 7578
 Ion Ratio Lower Upper
 113 100
 111 132.1 83.1 124.7#
 192 26.0 13.1 19.7#

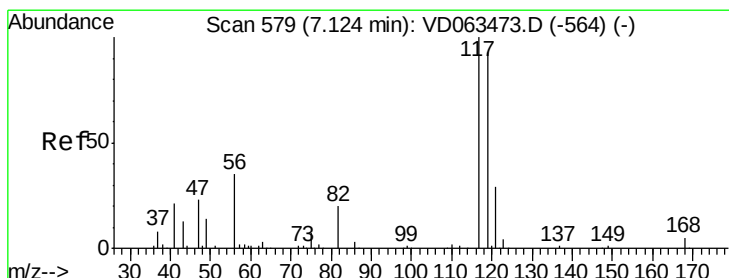
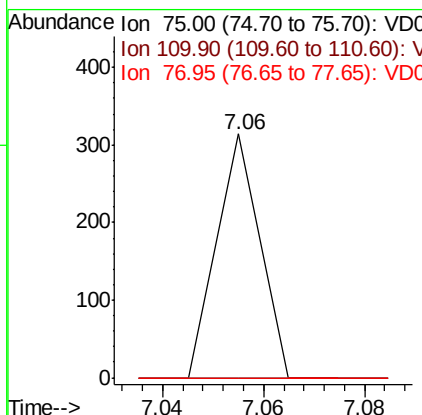
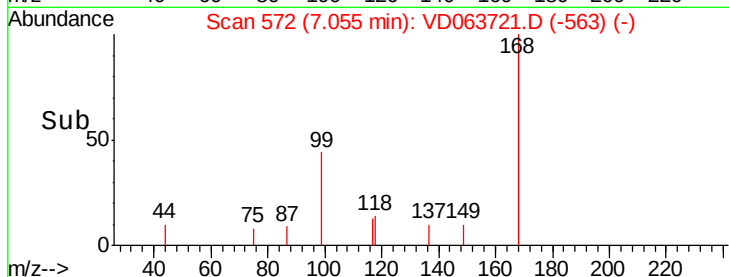
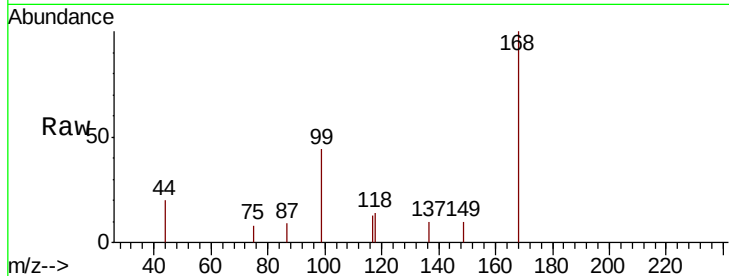




#36
 1,1-Dichloropropene
 Concen: 1.193 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.11 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

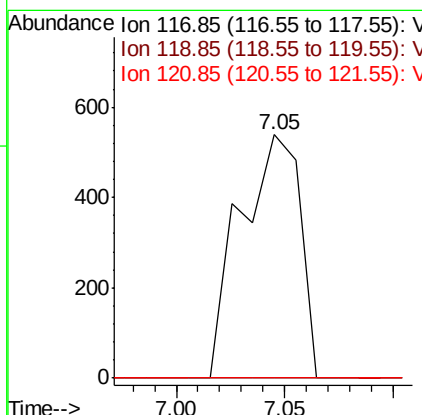
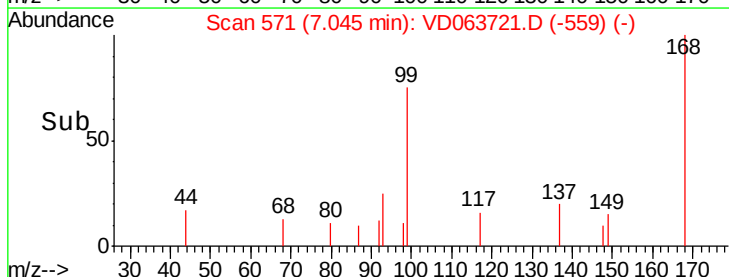
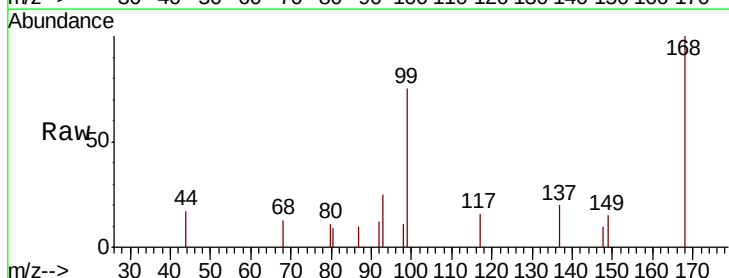
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)RE

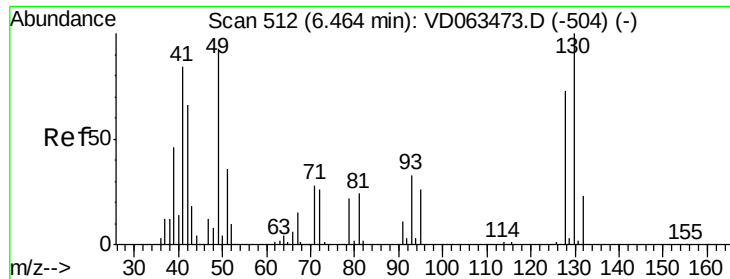
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.6	52.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 4.429 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.2	111.2#
121	0.0	23.1	34.7#





#41

Methacrylonitrile

Concen: 2.848 ug/l

RT: 6.39 min Scan# 504

Delta R.T. -0.08 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)RE

Tgt Ion: 41 Resp: 233

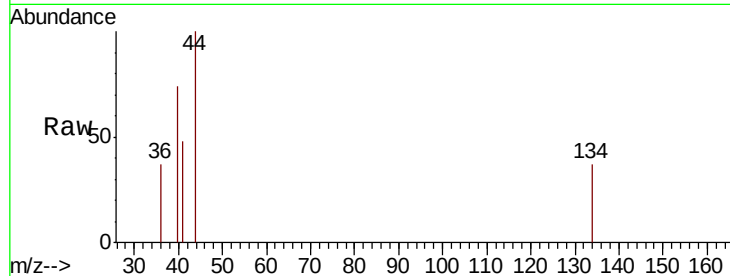
Ion Ratio Lower Upper

41 100

39 0.0 44.6 66.8#

67 0.0 14.4 21.6#

52 0.0 9.3 13.9#

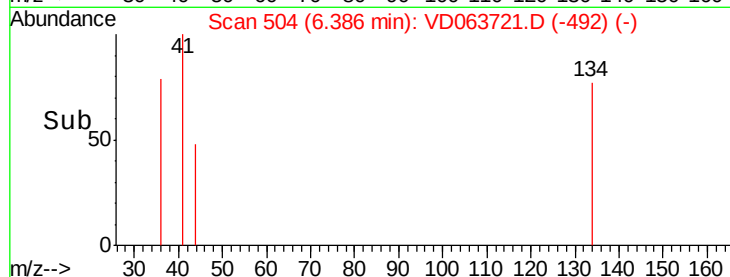
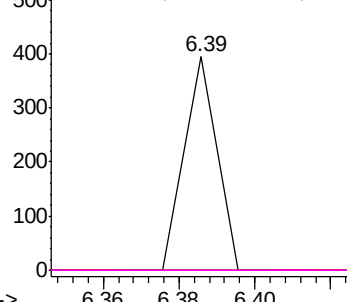


Abundance Ion 40.95 (40.65 to 41.65): VDC

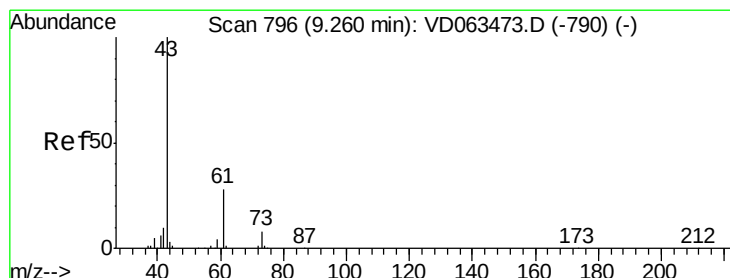
Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



Time-->



#43

Isopropyl Acetate

Concen: 3.034 ug/l

RT: 9.28 min Scan# 798

Delta R.T. 0.02 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

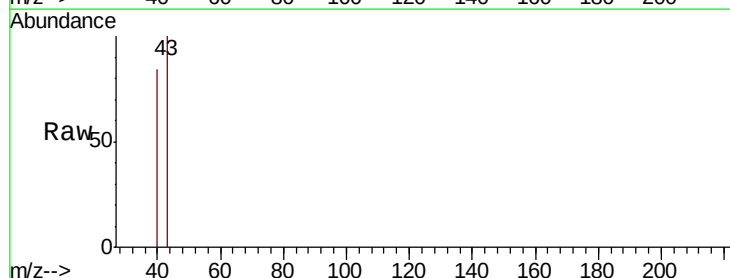
Tgt Ion: 43 Resp: 264

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.2#

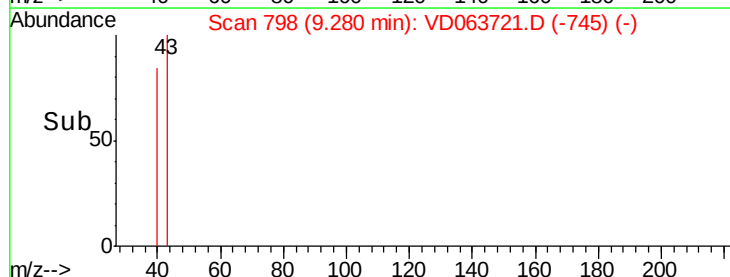
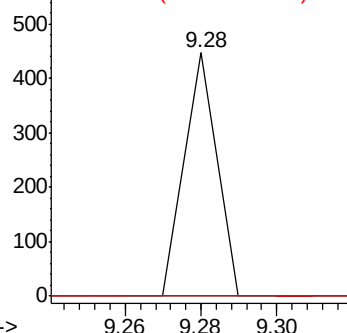
87 0.0 0.2 0.4#

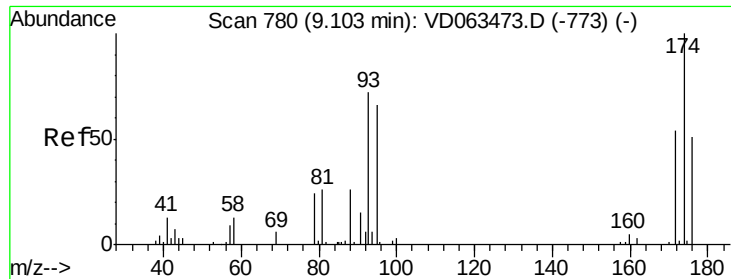


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

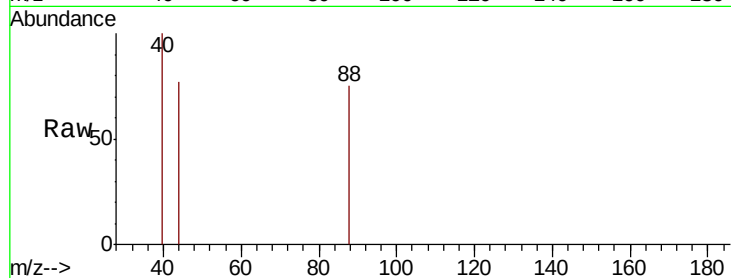




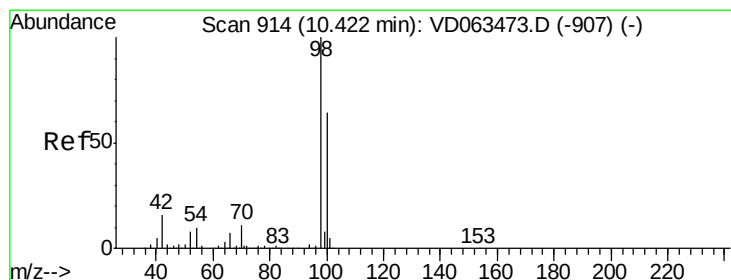
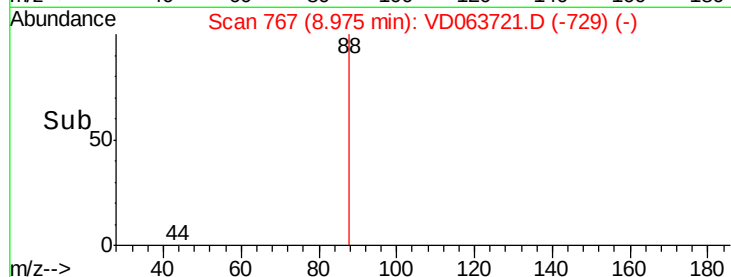
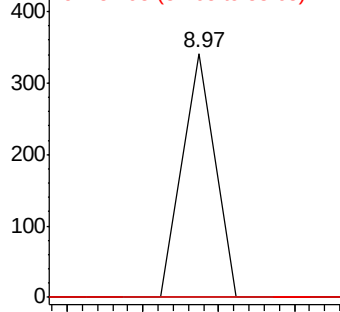
#49
 1,4-Dioxane
 Concen: 396.708 ug/l
 RT: 8.97 min Scan# 767
 Delta R.T. -0.13 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)RE

Tgt Ion: 88 Resp: 201
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 0.0 40.1 60.1#

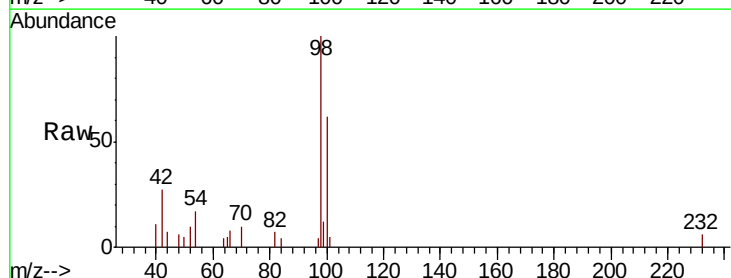


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

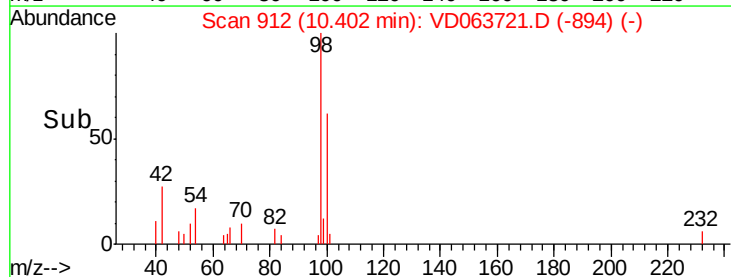
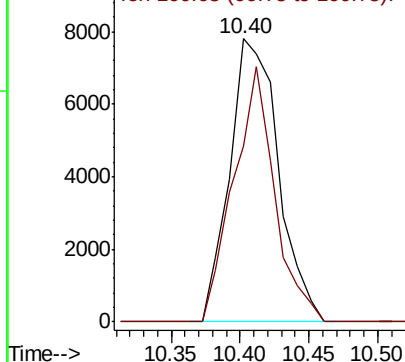


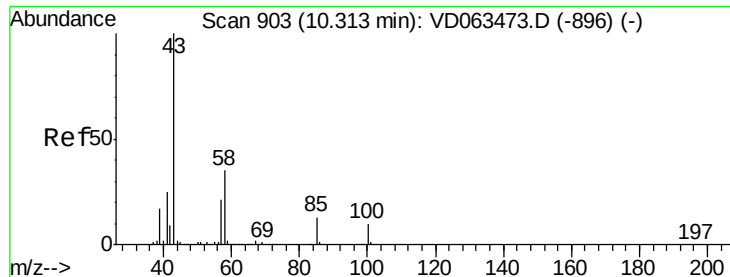
#50
 Toluene-d8
 Concen: 59.152 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

Tgt Ion: 98 Resp: 19211
 Ion Ratio Lower Upper
 98 100
 100 61.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 3.040 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.00 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

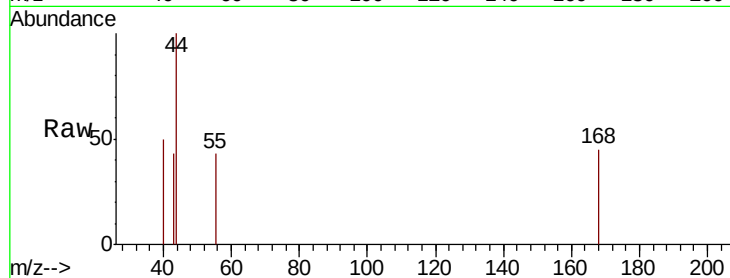
T4-D-(0)RE

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

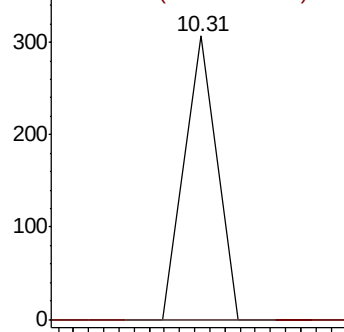
43 100

58 0.0 28.0 42.0#

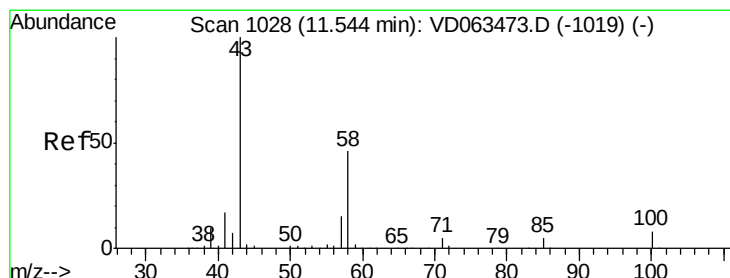
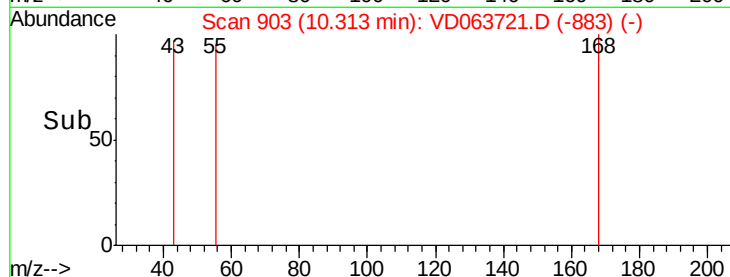


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->



#59

2-Hexanone

Concen: 8.263 ug/l

RT: 11.49 min Scan# 1023

Delta R.T. -0.05 min

Lab File: VD063721.D

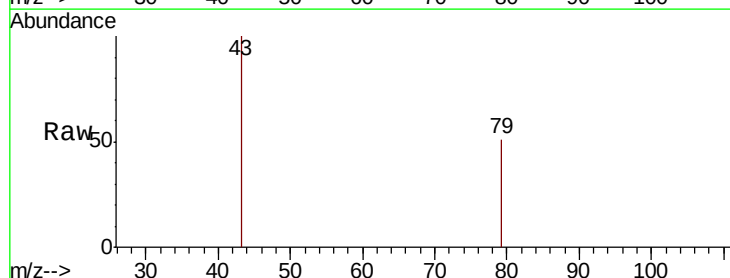
Acq: 21 Aug 2019 19:00

Tgt Ion: 43 Resp: 358

Ion Ratio Lower Upper

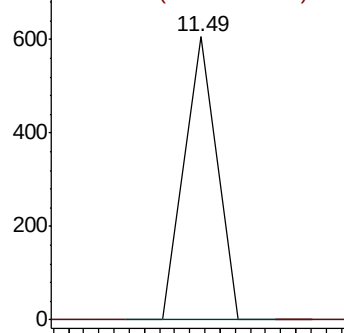
43 100

58 0.0 23.1 69.2#

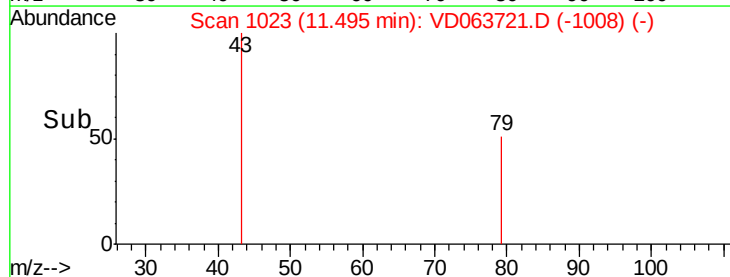


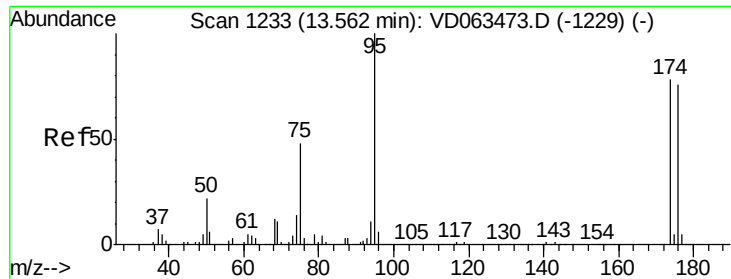
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->

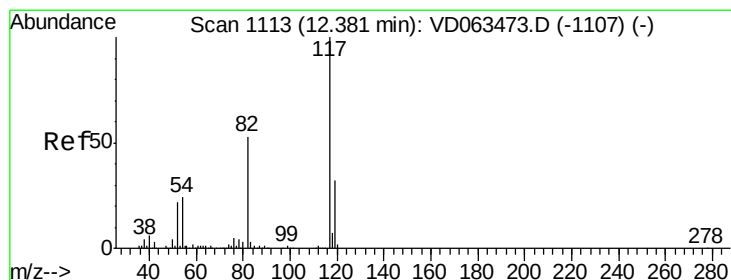
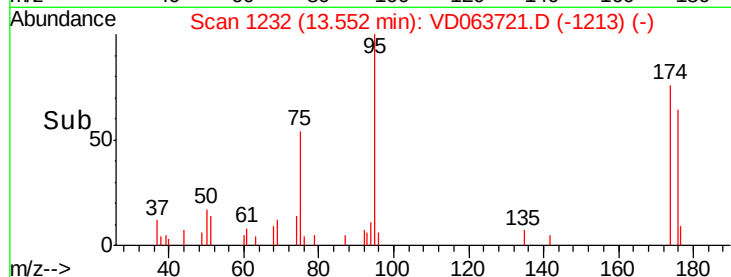
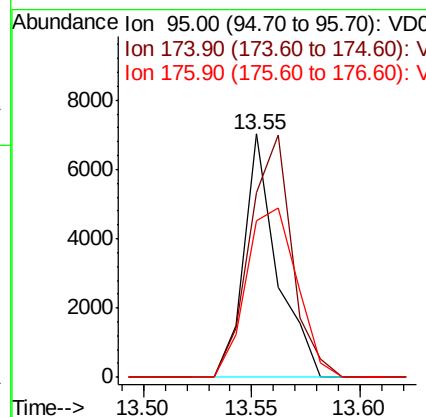
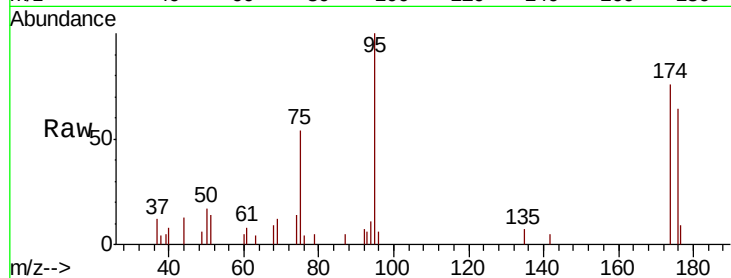




#62
4-Bromofluorobenzene
Concen: 50.930 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063721.D
Acq: 21 Aug 2019 19:00

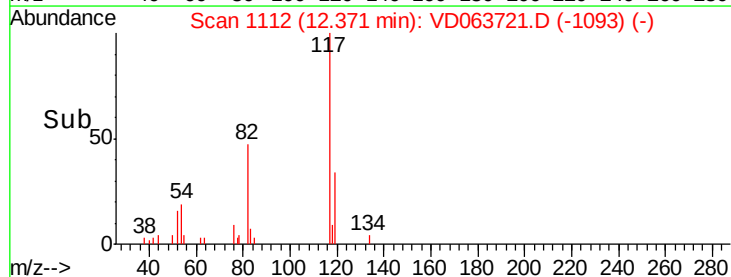
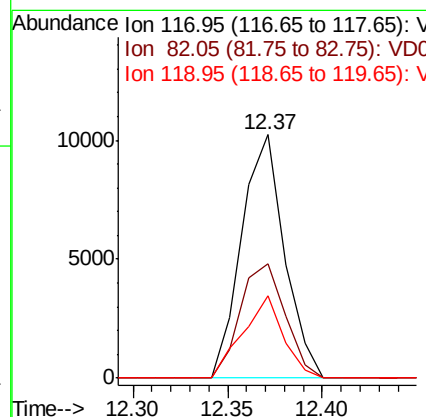
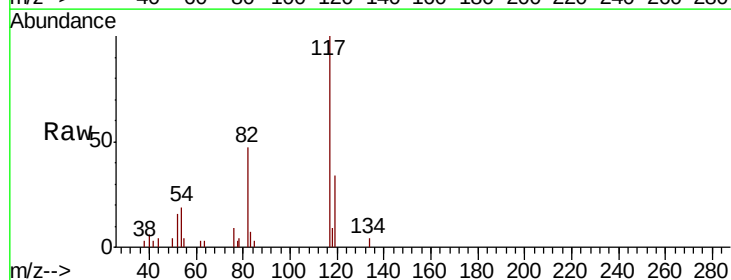
Instrument :
MSVOA_D
ClientSampleId :
T4-D-(0)RE

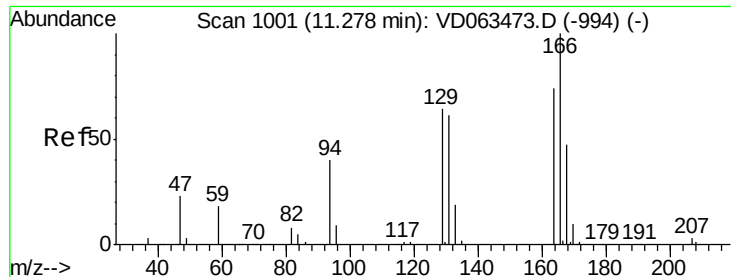
Tgt Ion: 95 Resp: 7497
Ion Ratio Lower Upper
95 100
174 75.7 0.0 155.4
176 64.1 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063721.D
Acq: 21 Aug 2019 19:00

Tgt Ion: 117 Resp: 16022
Ion Ratio Lower Upper
117 100
82 46.7 42.0 63.0
119 33.7 25.4 38.0





#64

Tetrachloroethene

Concen: 1.455 ug/l

RT: 11.28 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)RE

Tgt Ion:164 Resp: 180

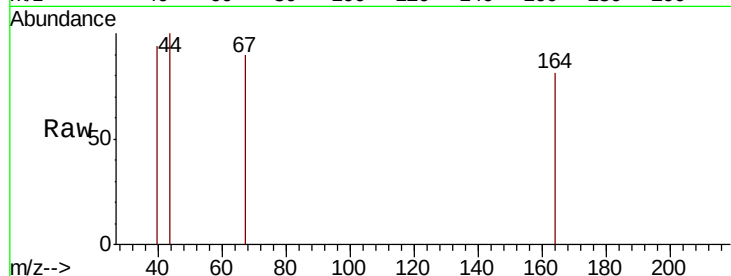
Ion Ratio Lower Upper

164 100

166 0.0 108.6 163.0#

129 0.0 69.0 103.6#

131 0.0 66.6 99.8#

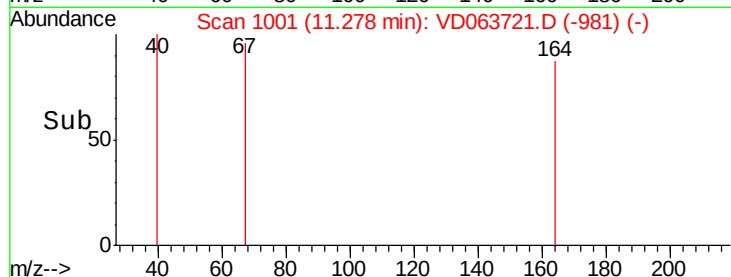
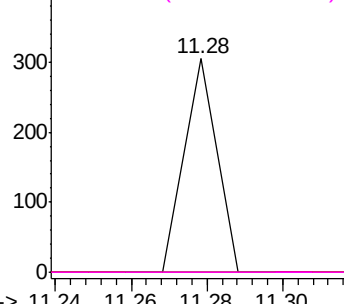


Abundance Ion 163.85 (163.55 to 164.55): V

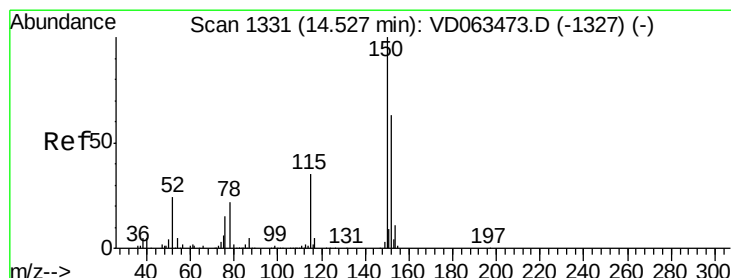
Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

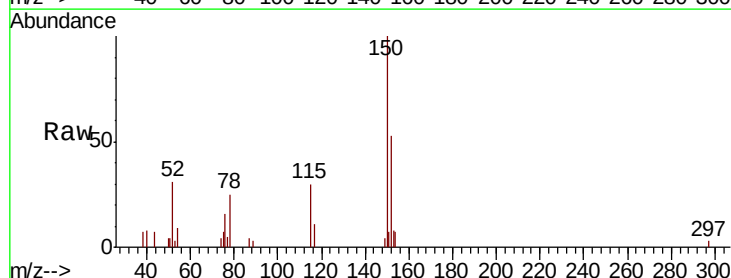
Tgt Ion:152 Resp: 6538

Ion Ratio Lower Upper

152 100

115 57.3 30.9 92.7

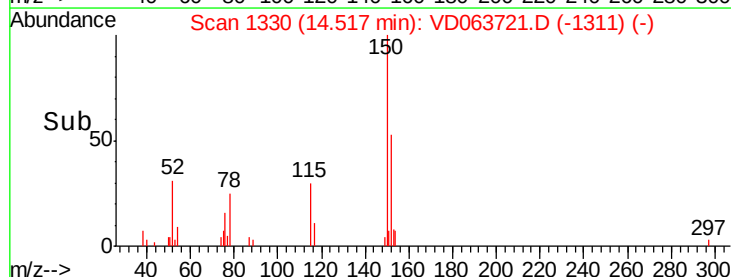
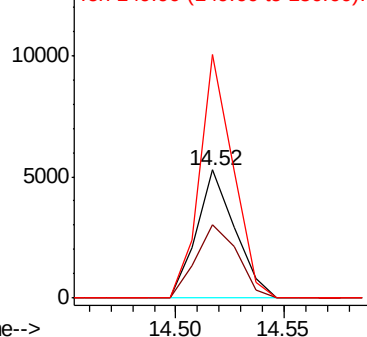
150 190.2 0.0 318.6

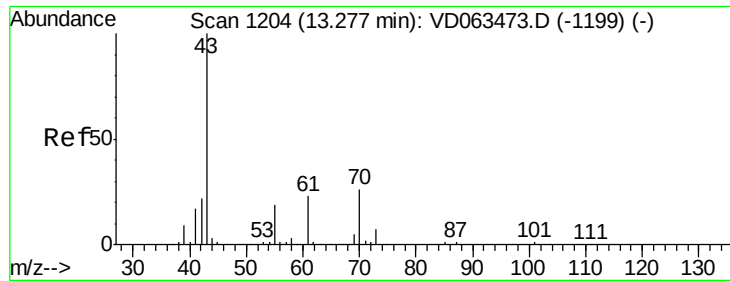


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 1.810 ug/l

RT: 13.20 min Scan# 1196

Delta R.T. -0.08 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)RE

Tgt Ion: 43 Resp: 189

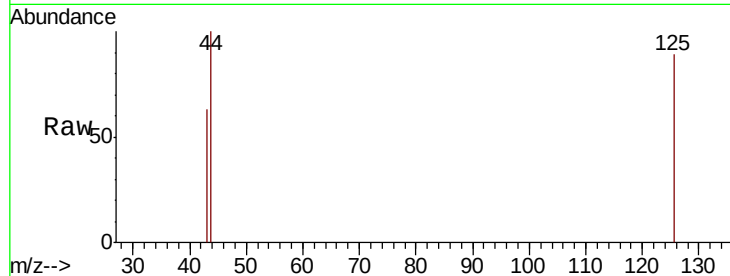
Ion Ratio Lower Upper

43 100

70 0.0 21.1 31.7#

55 0.0 15.4 23.0#

61 0.0 18.2 27.2#

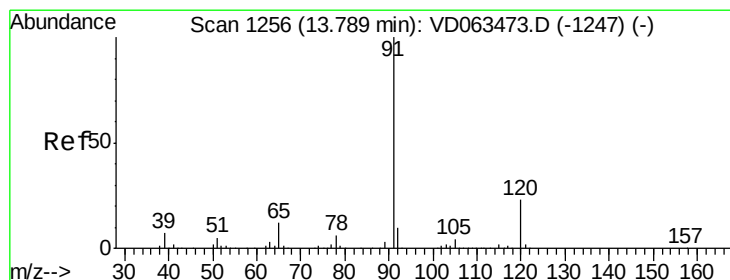
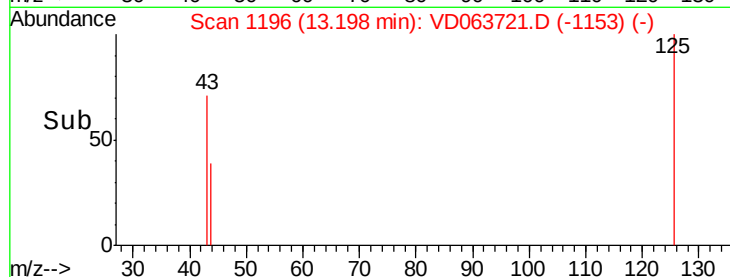
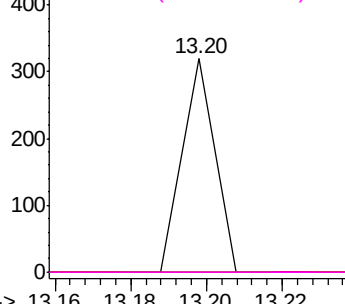


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#78

n-propylbenzene

Concen: 1.040 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063721.D

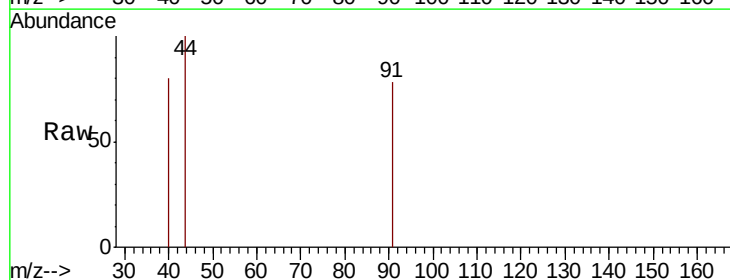
Acq: 21 Aug 2019 19:00

Tgt Ion: 91 Resp: 506

Ion Ratio Lower Upper

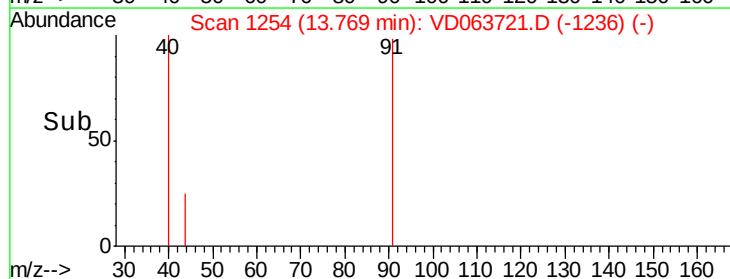
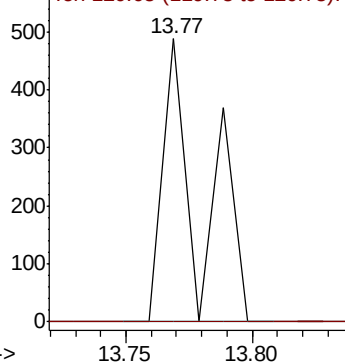
91 100

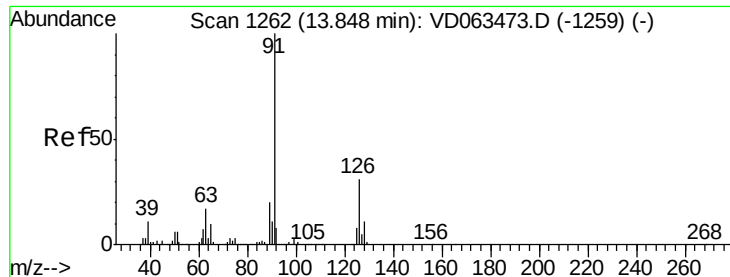
120 0.0 11.3 33.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 1.804 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.08 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

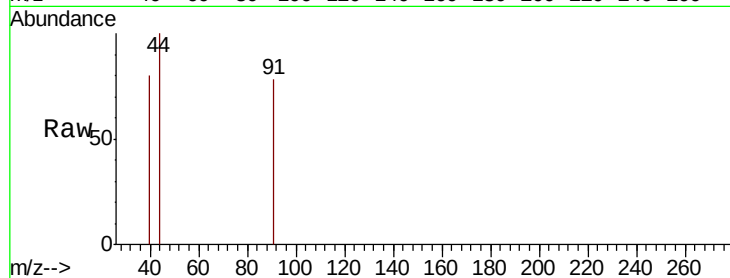
T4-D-(0)RE

Tgt Ion: 91 Resp: 506

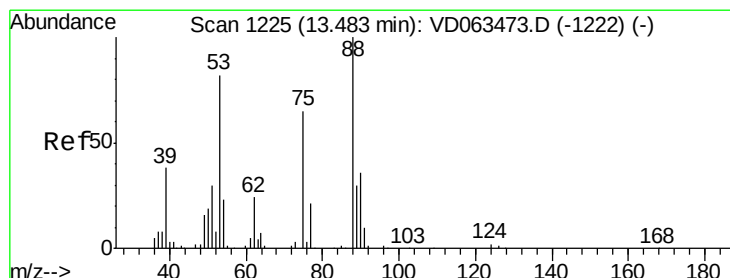
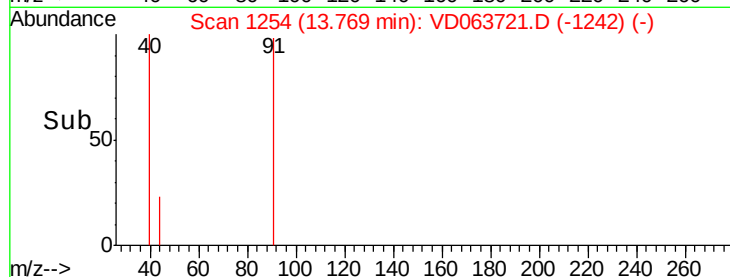
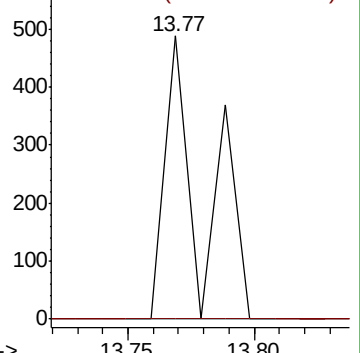
Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 209.200 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

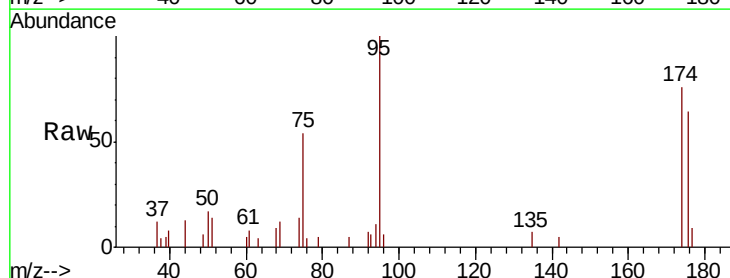
Tgt Ion: 75 Resp: 4219

Ion Ratio Lower Upper

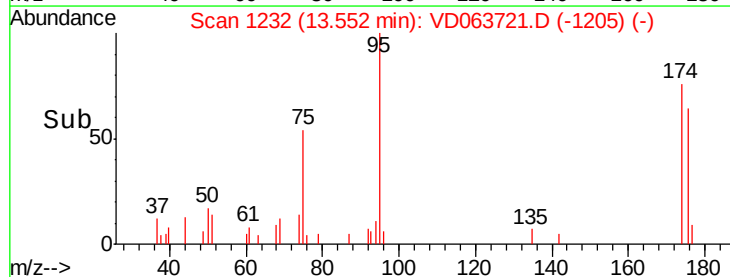
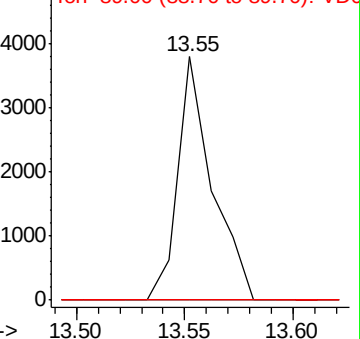
75 100

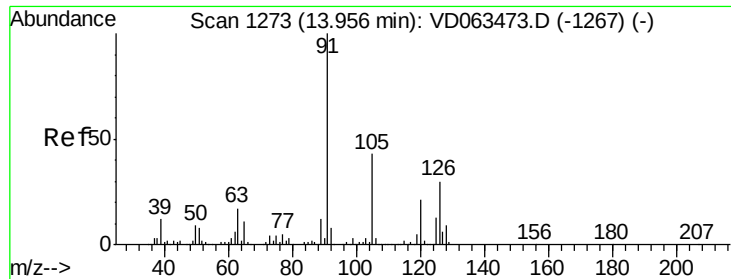
53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

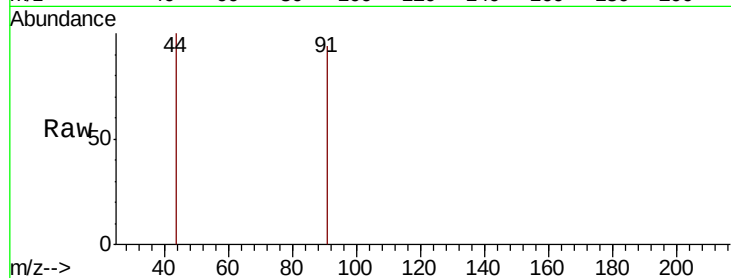




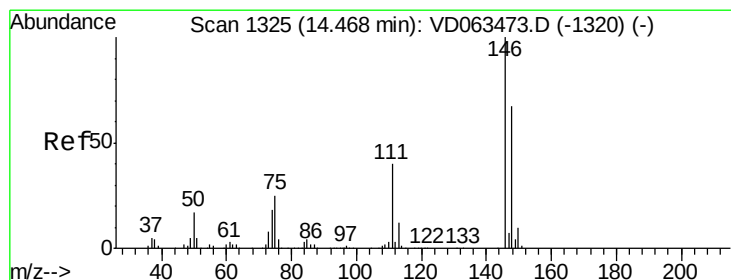
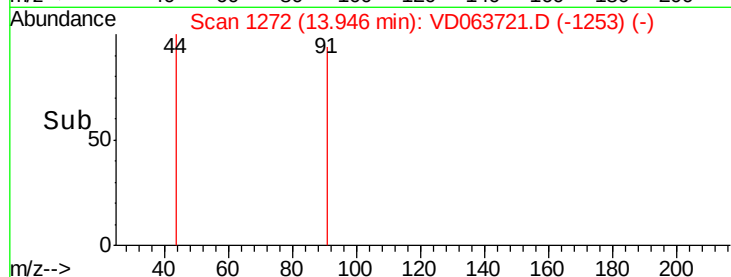
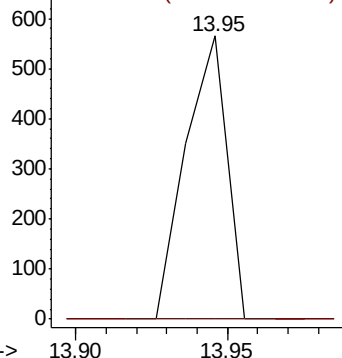
#82
4-Chlorotoluene
Concen: 1.601 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD063721.D
Acq: 21 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
T4-D-(0)RE

Tgt Ion: 91 Resp: 540
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#

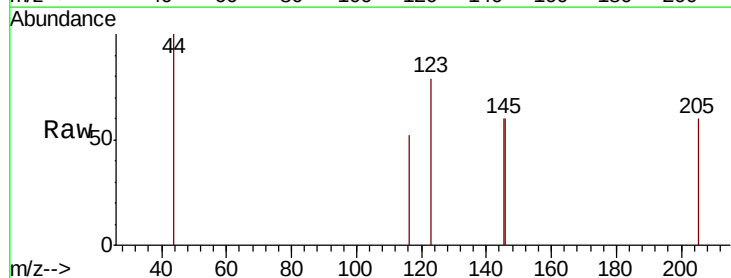


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

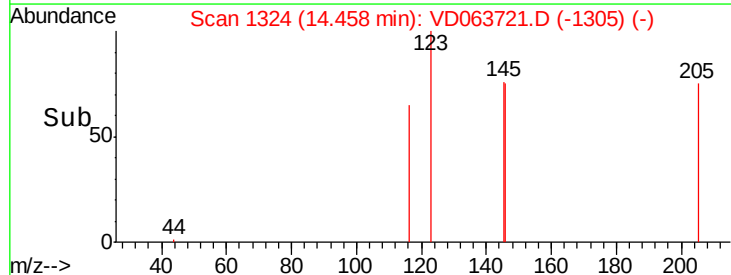
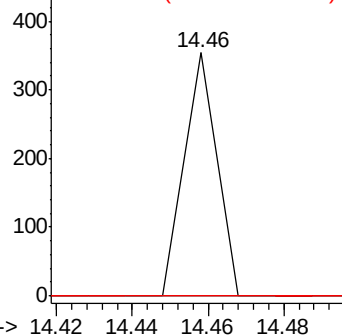


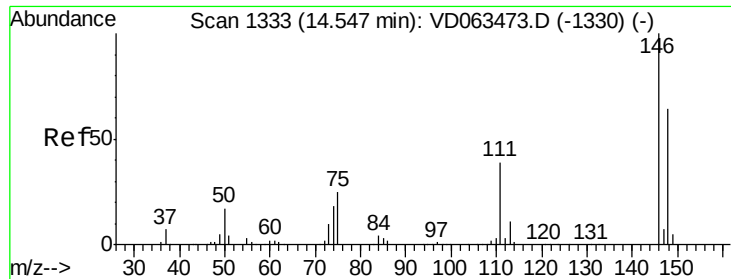
#87
1,3-Dichlorobenzene
Concen: 1.017 ug/l
RT: 14.46 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VD063721.D
Acq: 21 Aug 2019 19:00

Tgt Ion: 146 Resp: 209
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 0.0 33.6 100.6#



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

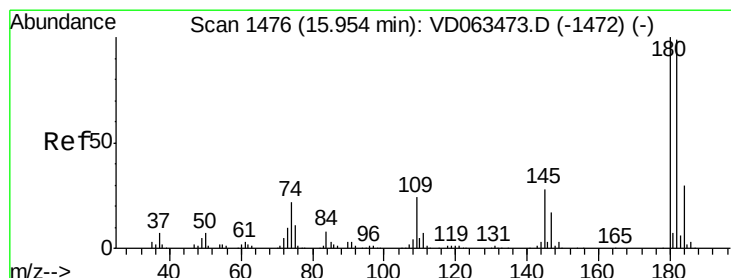
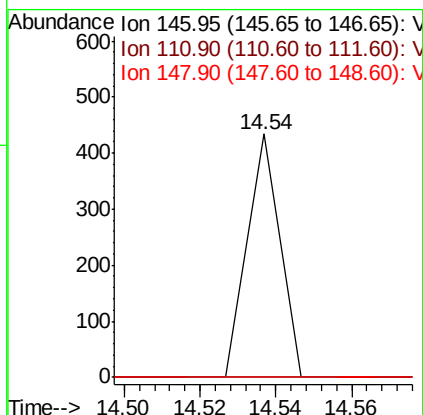
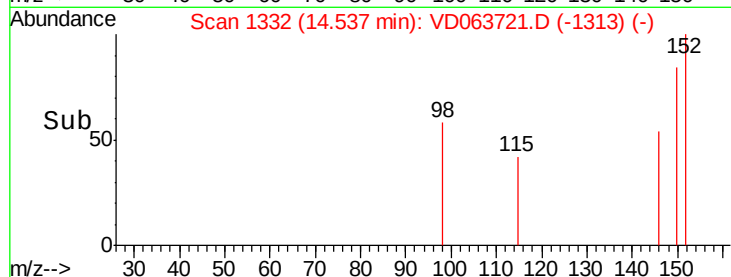
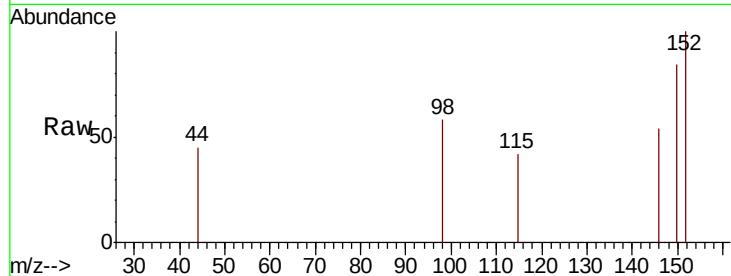




#88
 1,4-Dichlorobenzene
 Concen: 1.298 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

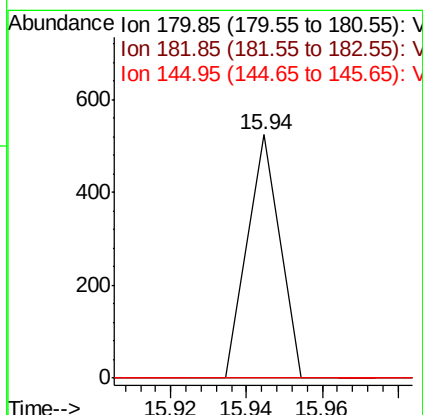
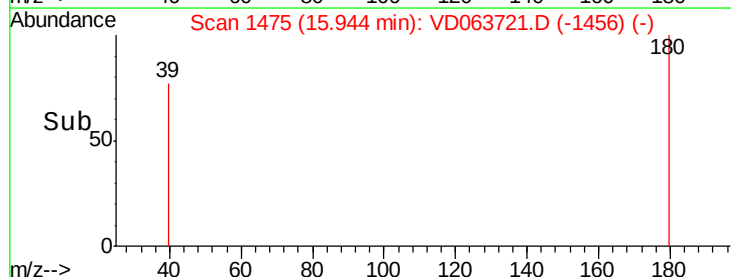
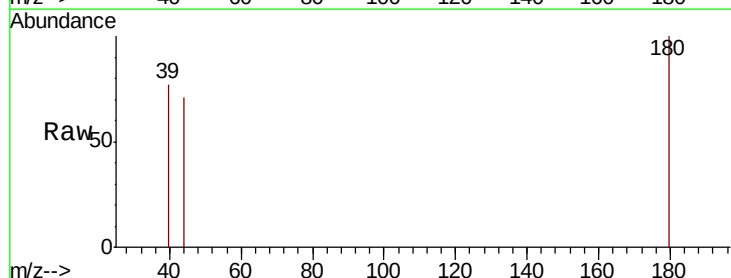
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)RE

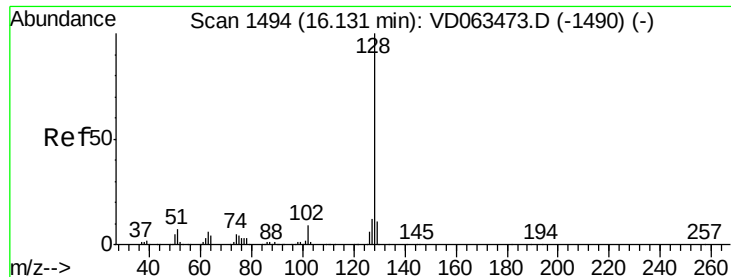
Tgt Ion:146 Resp: 256
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.0#
 148 0.0 32.1 96.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.415 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VD063721.D
 Acq: 21 Aug 2019 19:00

Tgt Ion:180 Resp: 310
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.7 149.1#
 145 0.0 14.1 42.2#





#95

Naphthalene

Concen: 3.835 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)RE

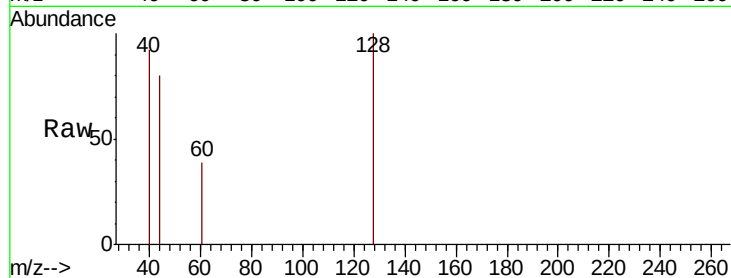
Tgt Ion:128 Resp: 746

Ion Ratio Lower Upper

128 100

127 0.0 9.4 14.0#

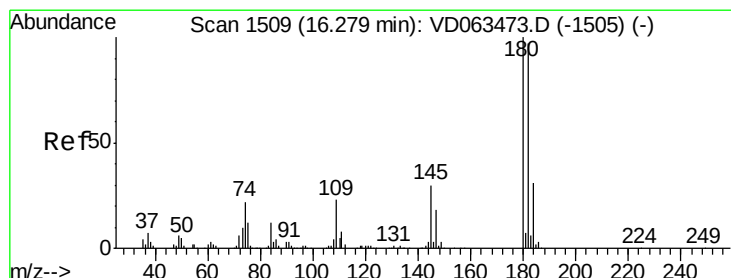
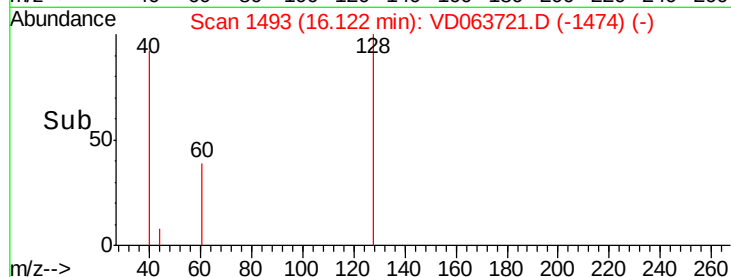
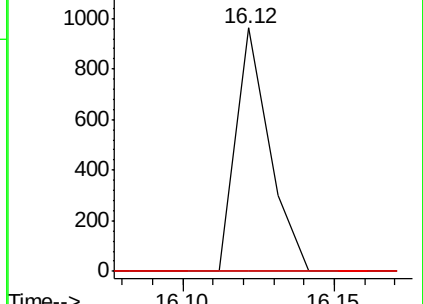
129 0.0 8.5 12.7#



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: 2.691 ug/l

RT: 16.22 min Scan# 1503

Delta R.T. -0.06 min

Lab File: VD063721.D

Acq: 21 Aug 2019 19:00

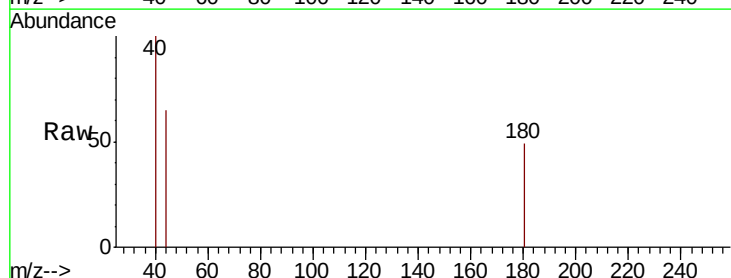
Tgt Ion:180 Resp: 279

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.2#

145 0.0 14.9 44.9#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

