

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063735.D
 Acq On : 22 Aug 2019 16:01
 Operator : JC/SY
 Sample : K4386-16RE
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A1-(2)RE

Quant Time: Aug 23 06:59:05 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	7.05	168	7700	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	10239	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	9027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	4201	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	5765	70.04	ug/l	-0.03
Spiked Amount			Recovery	=	140.08%	
35) Dibromofluoromethane	6.91	113	3486	40.43	ug/l	-0.03
Spiked Amount			Recovery	=	80.86%	
50) Toluene-d8	10.41	98	10054	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	13.56	95	5595	65.11	ug/l	0.00
Spiked Amount			Recovery	=	130.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	779	10.703	ug/l #	41
5) Bromomethane	2.14	94	881	25.841	ug/l #	11
6) Chloroethane	2.29	64	227	6.870	ug/l #	1
7) Trichlorofluoromethane	2.51	101	240	1.693	ug/l	85
10) Methyl Iodide	3.33	142	184	1.554	ug/l #	29
14) Allyl chloride	3.65	41	207	2.213	ug/l #	8
15) Acrylonitrile	4.31	53	207	21.811	ug/l #	11
16) Acetone	3.19	43	5999	358.547	ug/l #	65
18) Methyl Acetate	3.63	43	254	8.015	ug/l #	57
20) Methylene Chloride	3.81	84	197	2.723	ug/l #	5
22) Diisopropyl ether	5.27	45	220	1.140	ug/l #	58
23) Vinyl Acetate	5.05	43	267	2.380	ug/l #	82
25) 2-Butanone	6.09	43	286	17.308	ug/l #	58
29) Tetrahydrofuran	6.46	42	210	27.273	ug/l #	35
31) Cyclohexane	6.95	56	237	3.189	ug/l #	16
36) 1,1-Dichloropropene	7.06	75	190	2.099	ug/l #	42
37) Ethyl Acetate	6.18	43	198	5.220	ug/l #	73
40) Benzene	7.42	78	272	1.366	ug/l #	50
43) Isopropyl Acetate	9.26	43	220	4.331	ug/l #	48
49) 1,4-Dioxane	9.03	88	334	1083.574	ug/l #	34
51) 4-Methyl-2-Pentanone	10.38	43	182	5.236	ug/l #	40
54) cis-1,3-Dichloropropene	10.14	75	204	2.182	ug/l #	26
59) 2-Hexanone	11.56	43	179	7.077	ug/l #	30
65) Chlorobenzene	12.40	112	214	1.265	ug/l #	43
67) Ethyl Benzene	12.68	91	656	2.230	ug/l #	46
68) m/p-Xylenes	12.69	106	180	1.742	ug/l #	1
74) N-amyl acetate	12.83	43	239	3.563	ug/l #	53
76) 1,2,3-Trichloropropane	13.63	75	207	4.293	ug/l #	44
77) Bromobenzene	13.67	156	213	2.917	ug/l #	34
78) n-propylbenzene	13.78	91	419	1.340	ug/l #	53
79) 2-Chlorotoluene	13.78	91	419	2.324	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.42	75	239	18.443	ug/l #	1
82) 4-Chlorotoluene	13.95	91	429	1.979	ug/l #	44
84) 1,2,4-Trimethylbenzene	14.24	105	658	3.046	ug/l #	31

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

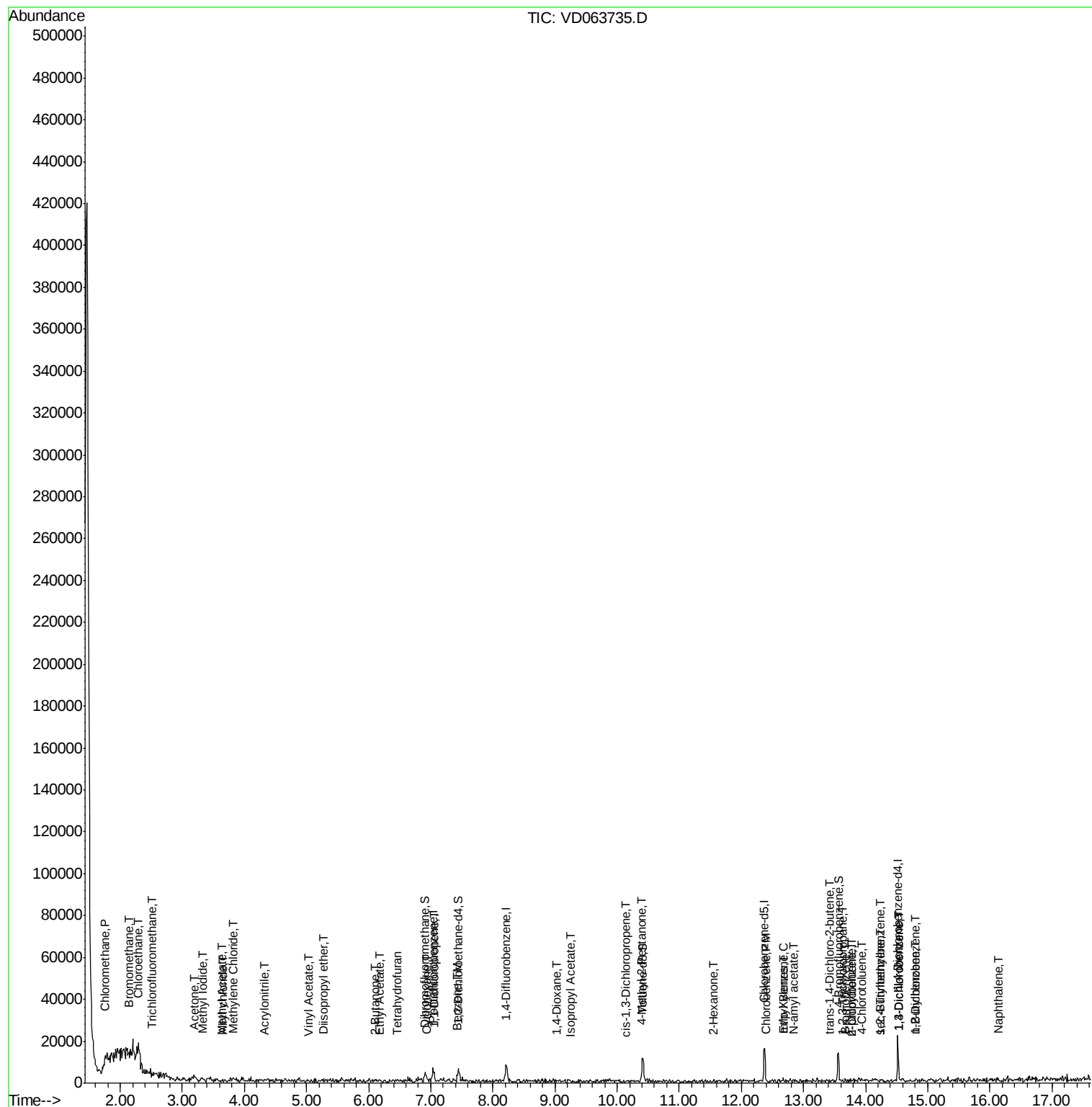
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	14.24	105	658	2.520	ug/l #	62
87) 1,3-Dichlorobenzene	14.55	146	265	2.006	ug/l #	23
88) 1,4-Dichlorobenzene	14.55	146	265	2.091	ug/l #	25
89) n-Butylbenzene	14.79	91	257	1.128	ug/l #	28
91) 1,2-Dichlorobenzene	14.80	146	190	1.695	ug/l #	25
95) Naphthalene	16.12	128	296	2.368	ug/l #	71

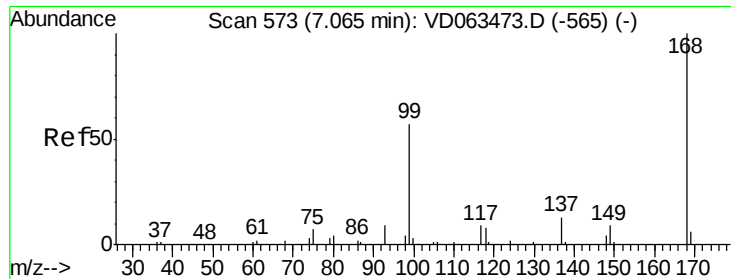
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

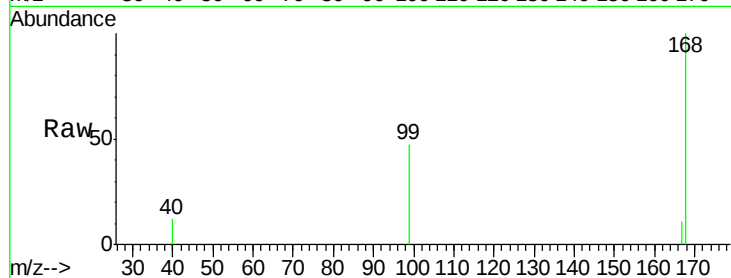
T6-A1-(2)RE

Tot Ion:168 Resp: 7700

Ion Ratio Lower Upper

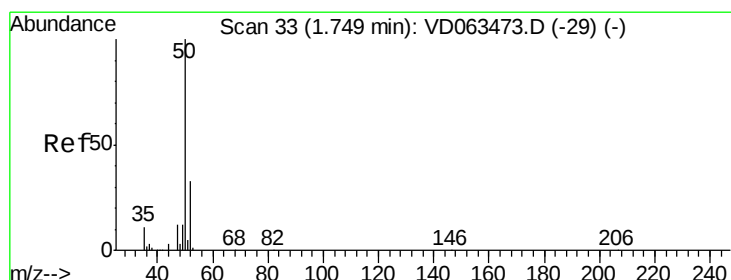
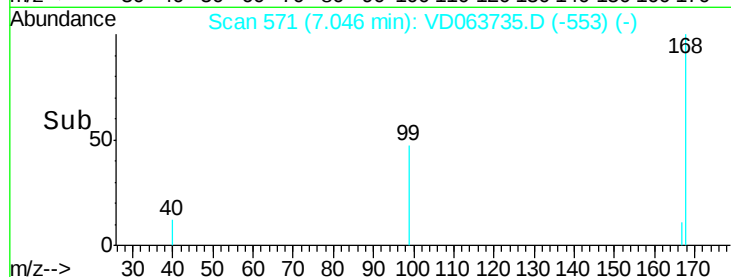
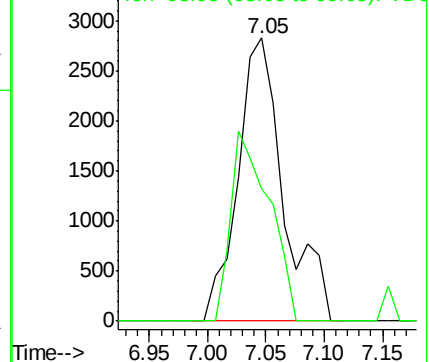
168 100

99 46.7 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: 10.703 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.02 min

Lab File: VD063735.D

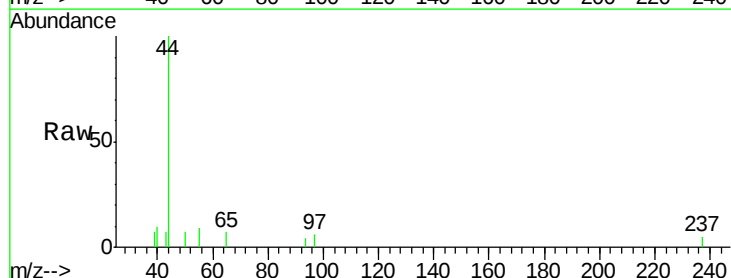
Acq: 22 Aug 2019 16:01

Tgt Ion: 50 Resp: 779

Ion Ratio Lower Upper

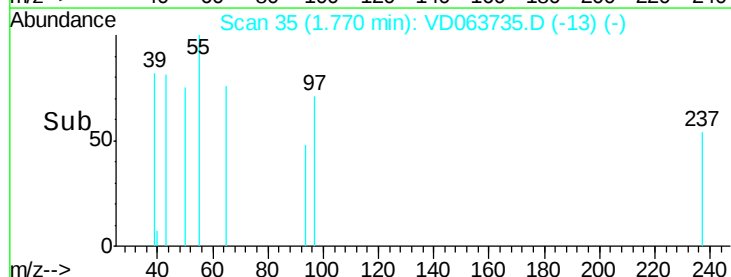
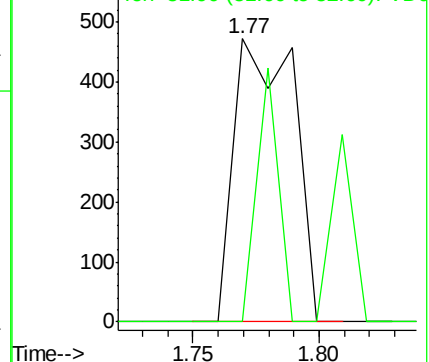
50 100

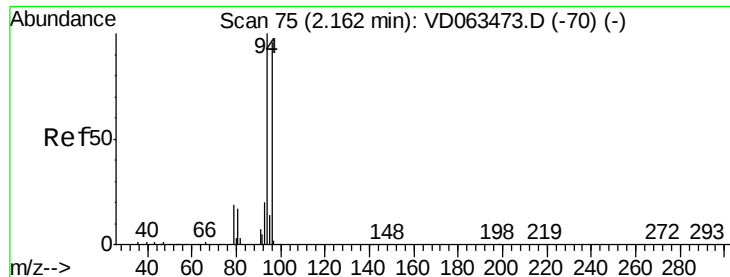
52 0.0 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 25.841 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

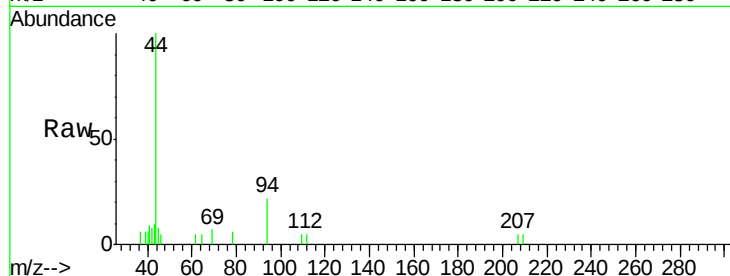
Tot Ion: 94 Resp: 881

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

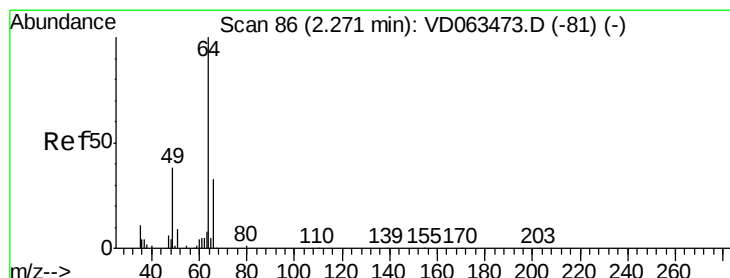
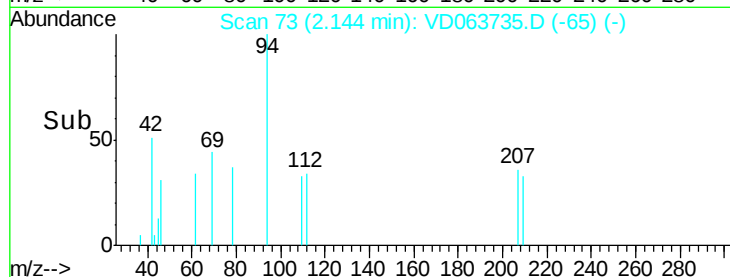
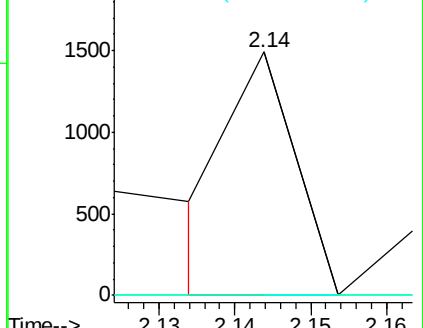
93 0.0 15.8 23.8#



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



#6

Chloroethane

Concen: 6.870 ug/l

RT: 2.29 min Scan# 88

Delta R.T. 0.02 min

Lab File: VD063735.D

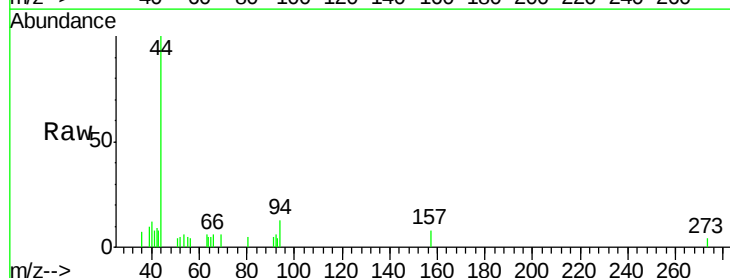
Acq: 22 Aug 2019 16:01

Tgt Ion: 64 Resp: 227

Ion Ratio Lower Upper

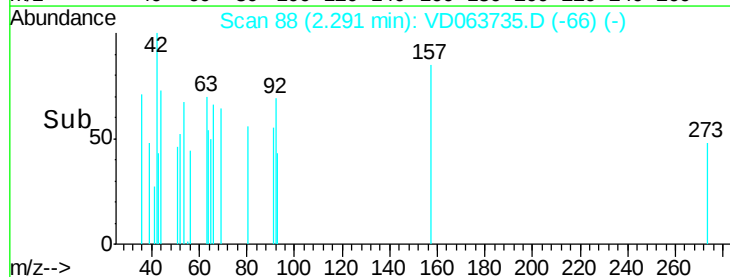
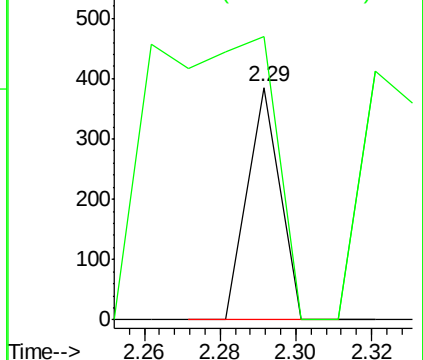
64 100

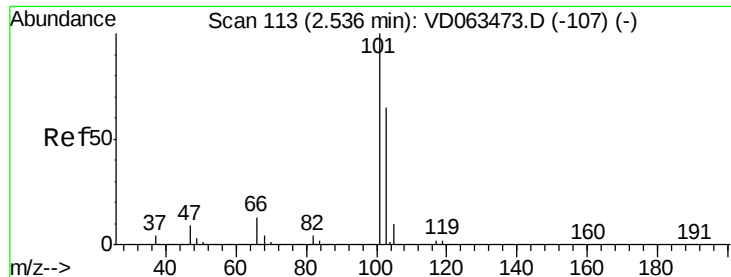
66 121.8 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



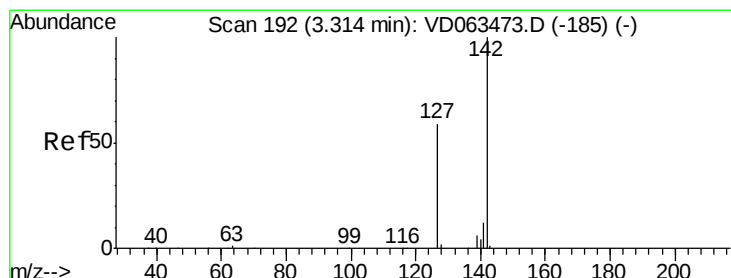
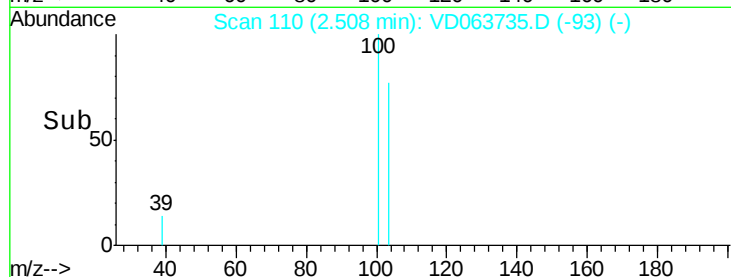
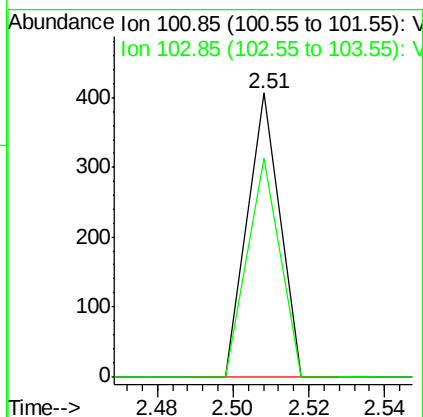
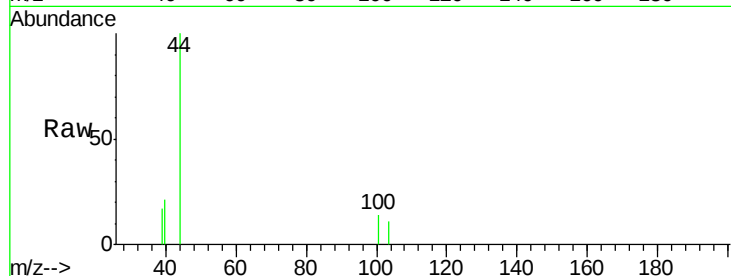


#7

Trichlorofluoromethane
 Concen: 1.693 ug/l
 RT: 2.51 min Scan# 110
 Delta R.T. -0.03 min
 Lab File: VD063735.D
 Acq: 22 Aug 2019 16:01

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A1-(2)RE

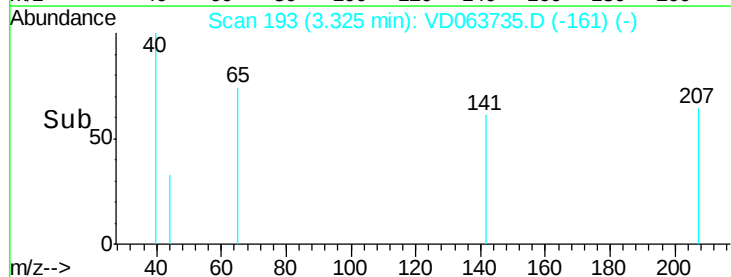
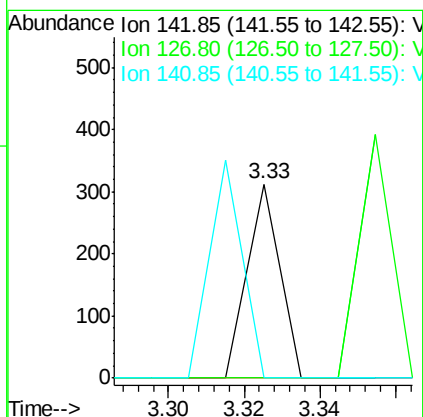
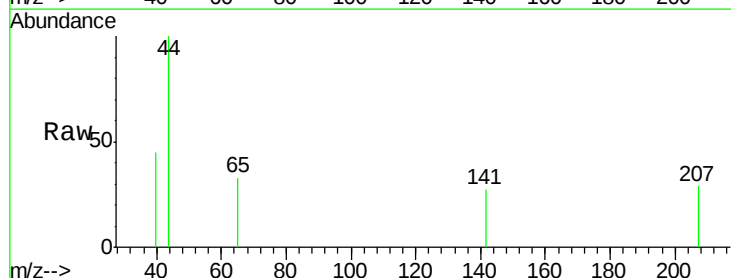
Tot Ion:101 Resp: 240
 Ion Ratio Lower Upper
 101 100
 103 76.9 52.2 78.4

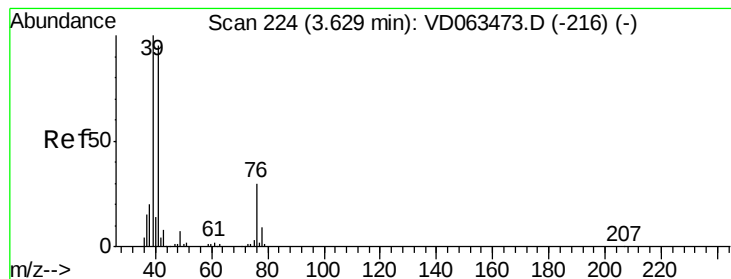


#10

Methyl Iodide
 Concen: 1.554 ug/l
 RT: 3.33 min Scan# 193
 Delta R.T. 0.01 min
 Lab File: VD063735.D
 Acq: 22 Aug 2019 16:01

Tgt Ion:142 Resp: 184
 Ion Ratio Lower Upper
 142 100
 127 0.0 47.2 70.8#
 141 0.0 9.8 14.8#





#14

Allvl chloride

Concen: 2.213 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

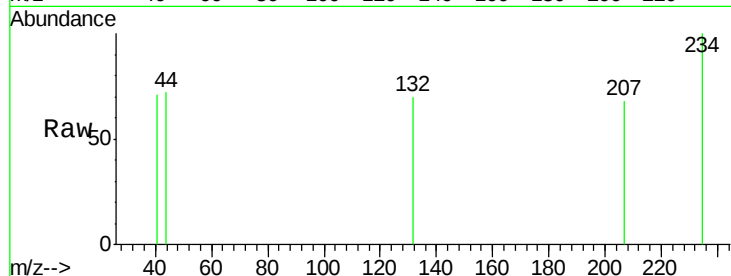
Tot Ion: 41 Resp: 207

Ion Ratio Lower Upper

41 100

39 0.0 84.2 126.4#

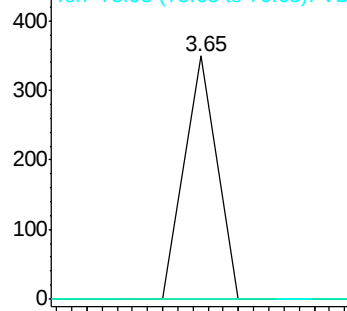
76 0.0 26.0 39.0#



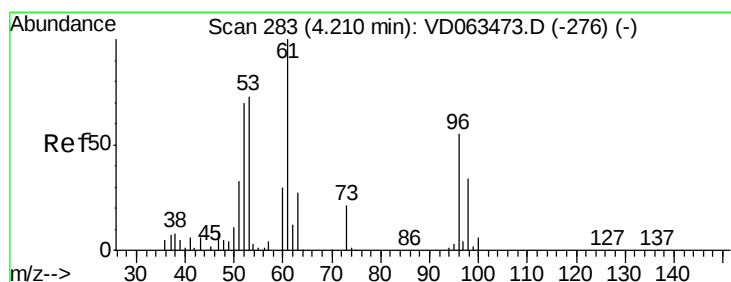
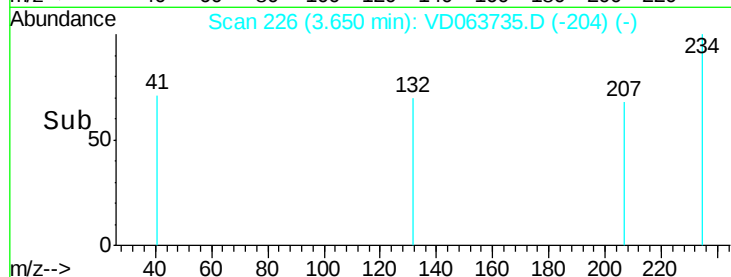
Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



Time-->



#15

Acrylonitrile

Concen: 21.811 ug/l

RT: 4.31 min Scan# 293

Delta R.T. 0.10 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

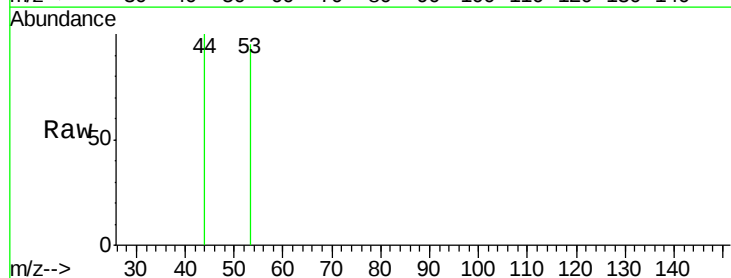
Tgt Ion: 53 Resp: 207

Ion Ratio Lower Upper

53 100

52 0.0 77.4 116.0#

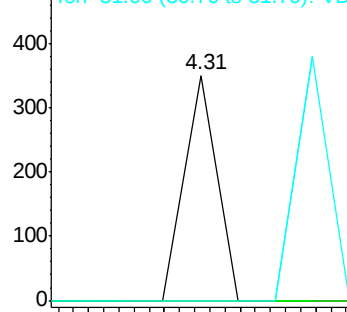
51 0.0 36.7 55.1#



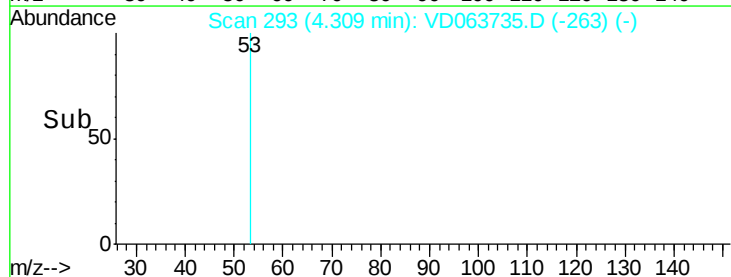
Abundance Ion 53.00 (52.70 to 53.70): VDC

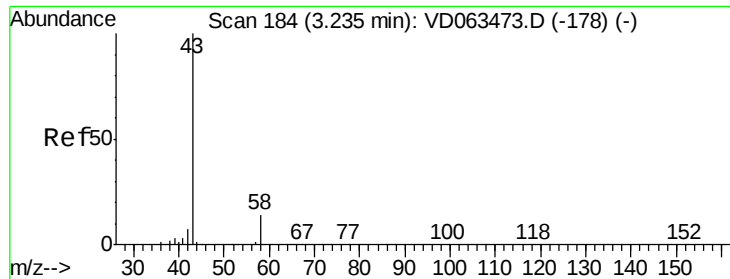
Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



Time-->





#16

Acetone

Concen: 358.547 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.05 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

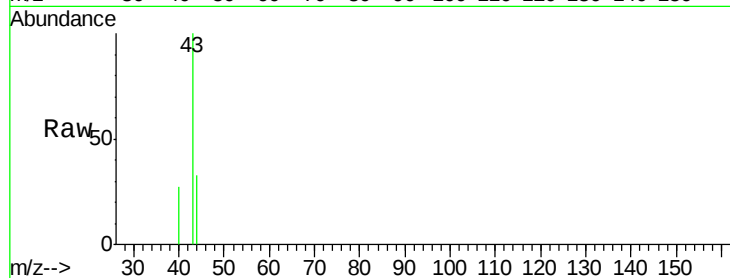
T6-A1-(2)RE

Tot Ion: 43 Resp: 5999

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

3.19

2500

2000

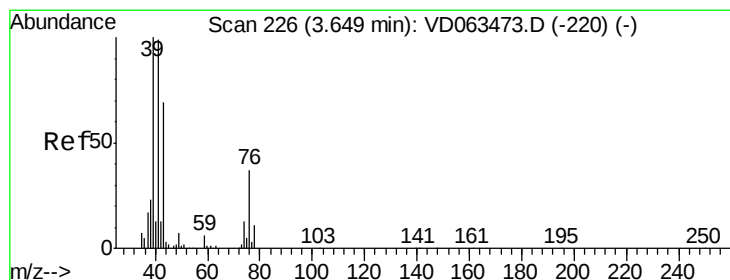
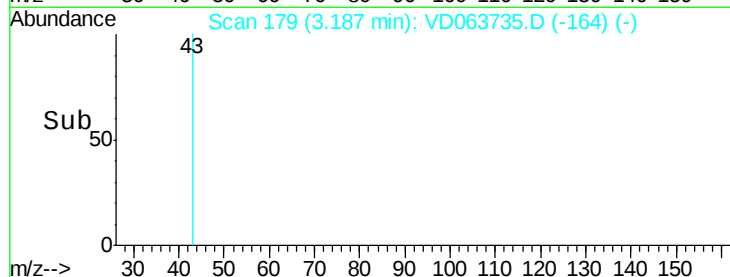
1500

1000

500

0

Time--> 3.10 3.15 3.20 3.25 3.30



#18

Methyl Acetate

Concen: 8.015 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD063735.D

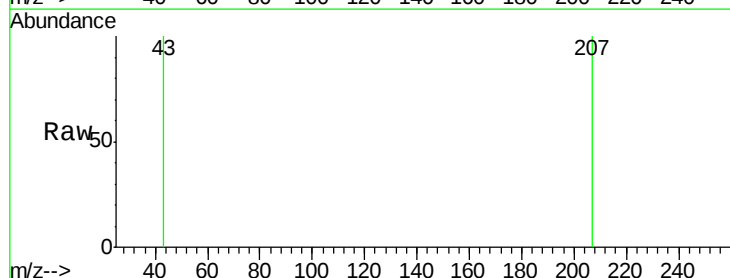
Acq: 22 Aug 2019 16:01

Tgt Ion: 43 Resp: 254

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

500

400

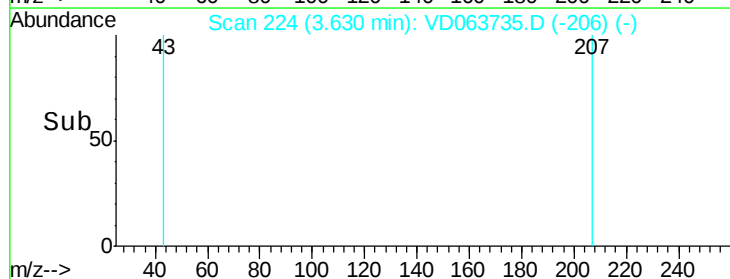
300

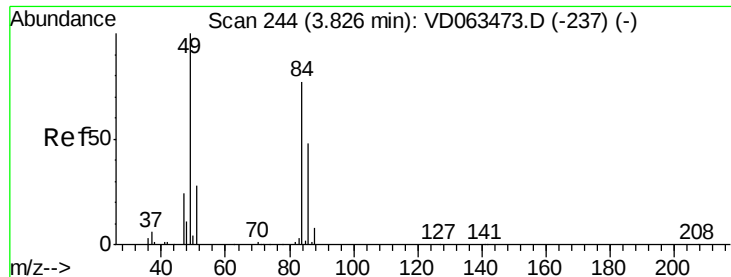
200

100

0

Time--> 3.60 3.62 3.64 3.66

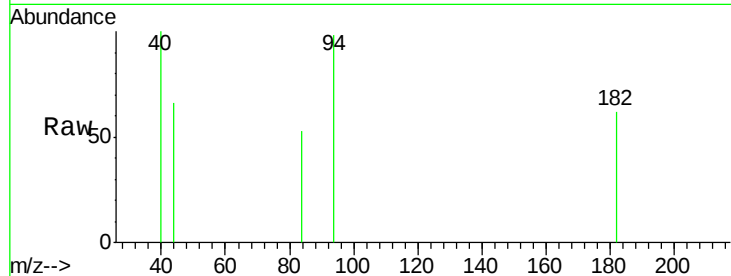




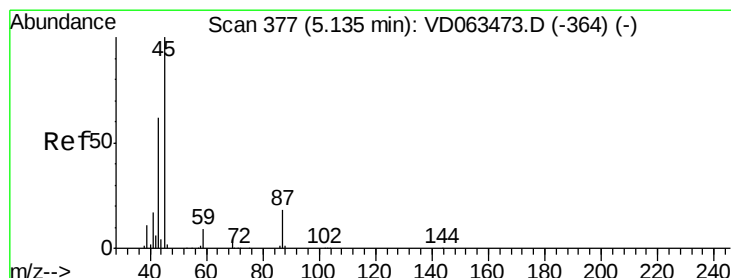
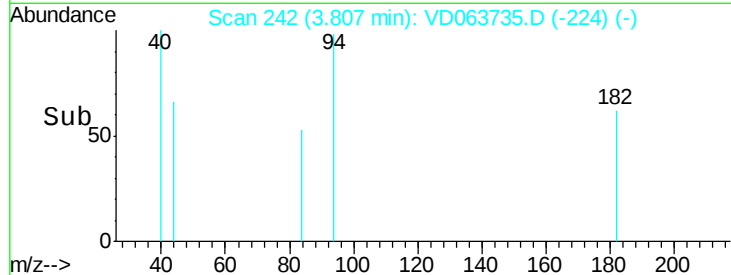
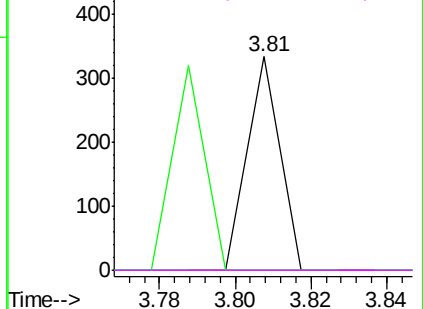
#20
Methvlene Chloride
Concen: 2.723 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)RE

Tot Ion: 84 Resp: 197
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 28.5 42.7#
86 0.0 49.4 74.2#

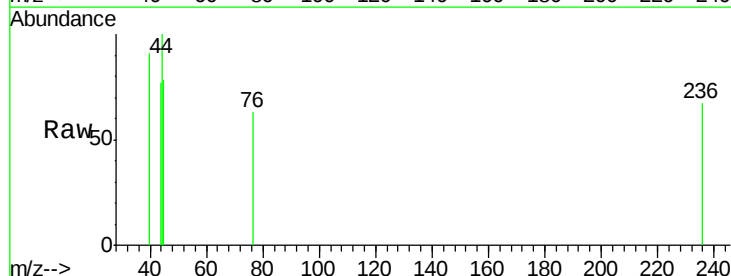


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

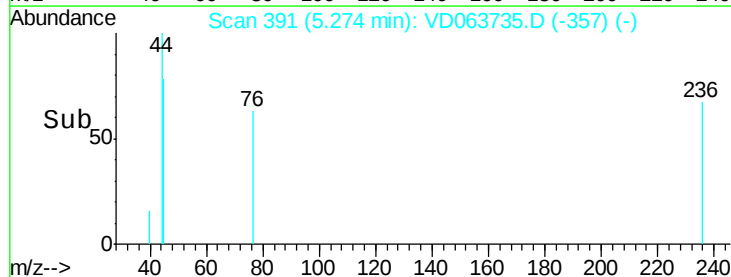
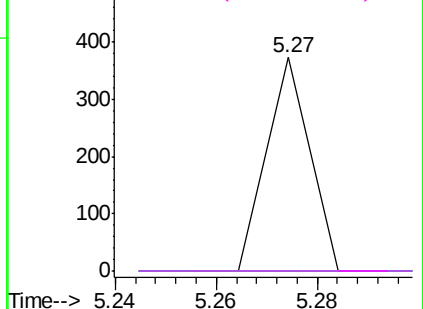


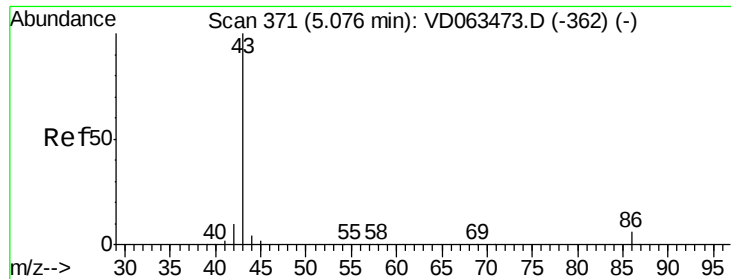
#22
Diisopropyl ether
Concen: 1.140 ug/l
RT: 5.27 min Scan# 391
Delta R.T. 0.14 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Tgt Ion: 45 Resp: 220
Ion Ratio Lower Upper
45 100
43 98.1 50.3 75.5#
87 0.0 14.3 21.5#
59 0.0 7.7 11.5#



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 2.380 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.03 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

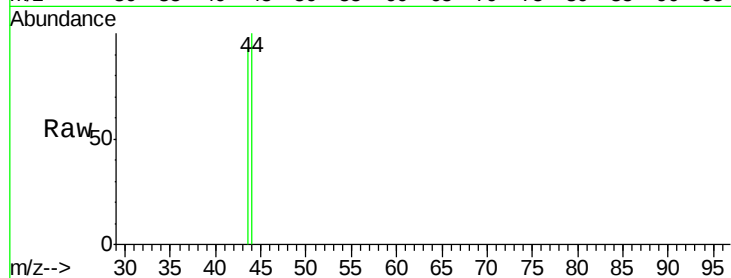
T6-A1-(2)RE

Tot Ion: 43 Resp: 267

Ion Ratio Lower Upper

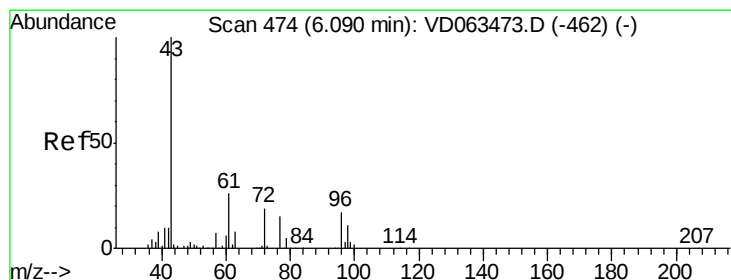
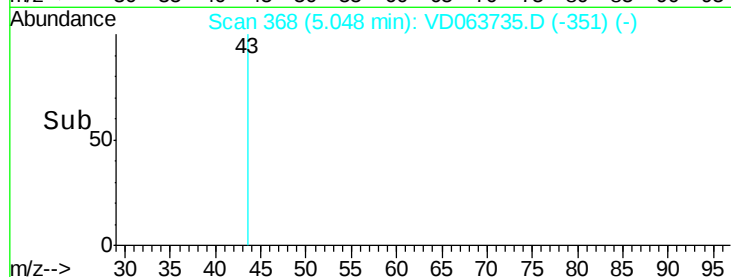
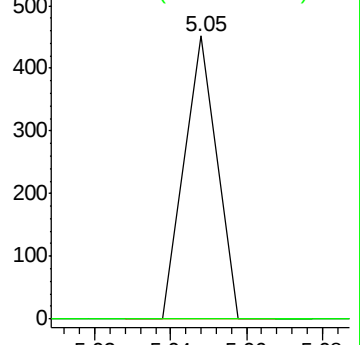
43 100

86 0.0 4.8 7.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#25

2-Butanone

Concen: 17.308 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD063735.D

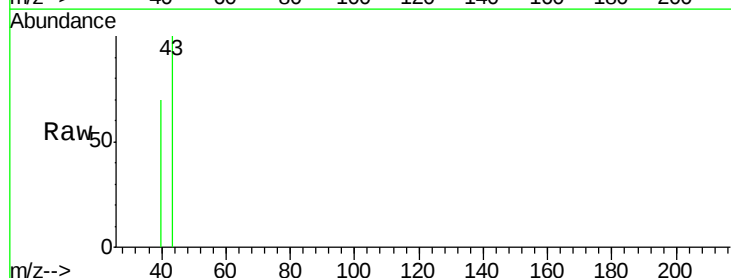
Acq: 22 Aug 2019 16:01

Tgt Ion: 43 Resp: 286

Ion Ratio Lower Upper

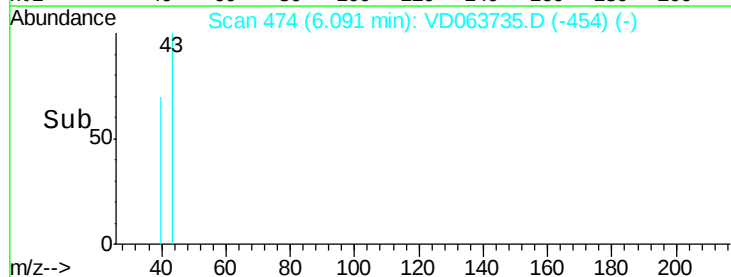
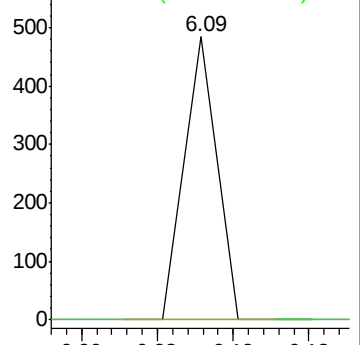
43 100

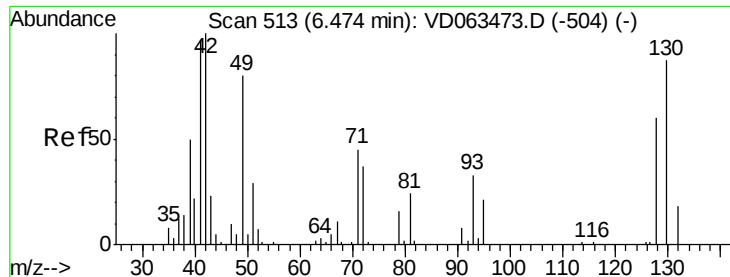
72 0.0 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

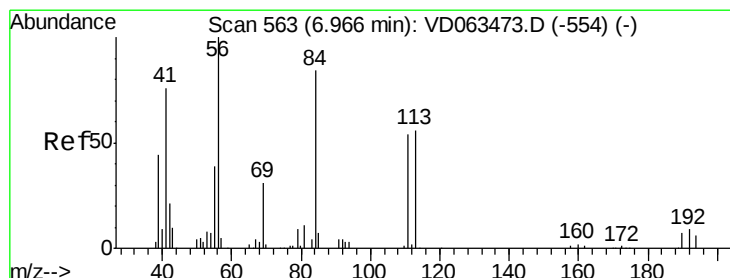
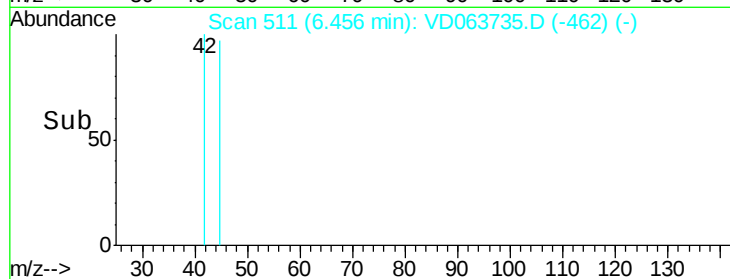
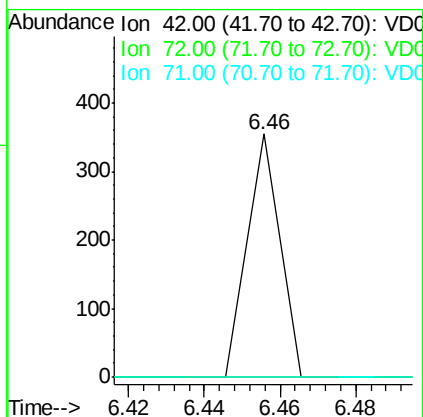
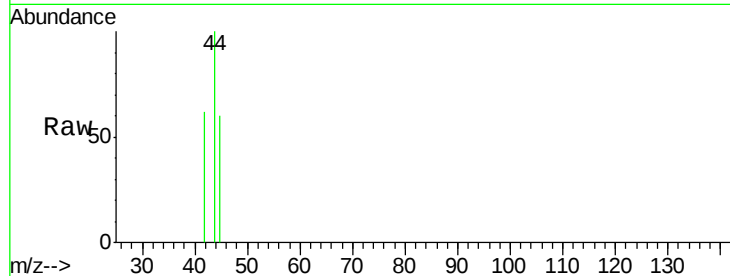




#29
Tetrahydrofuran
Concen: 27.273 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.02 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

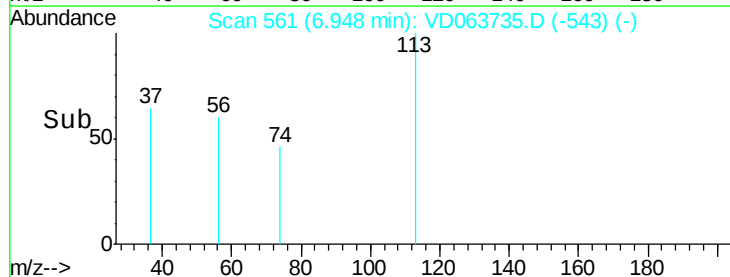
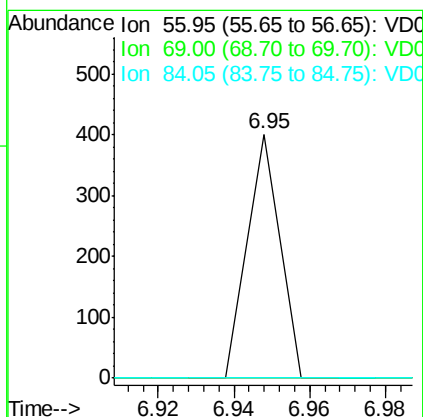
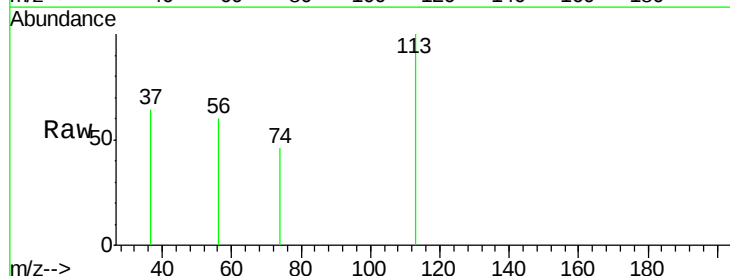
Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)RE

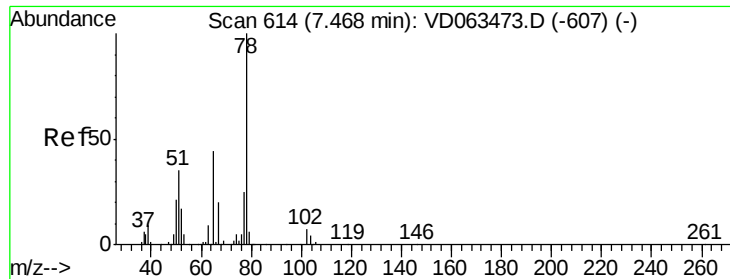
Tot Ion: 42 Resp: 210
Ion Ratio Lower Upper
42 100
72 0.0 31.5 47.3#
71 0.0 33.8 50.8#



#31
Cyclohexane
Concen: 3.189 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.02 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.6#
84 0.0 69.7 104.5#

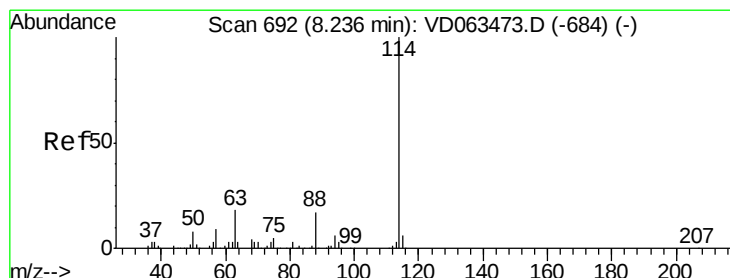
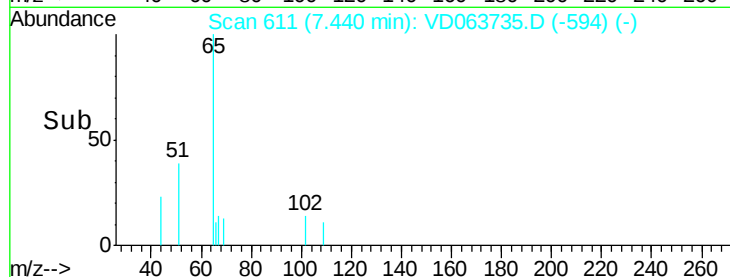
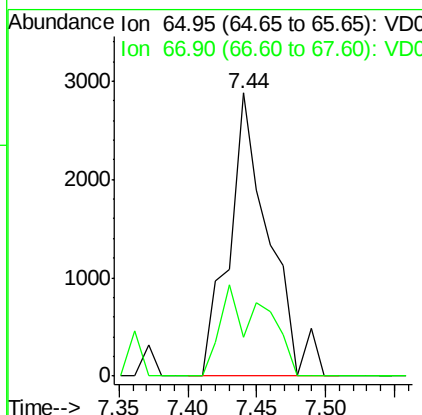
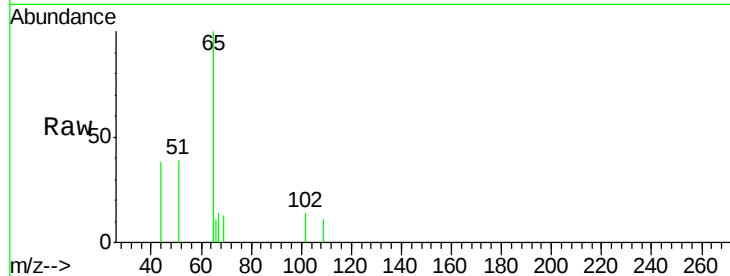




#33
 1,2-Dichloroethane-d4
 Concen: 70.043 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063735.D
 Acq: 22 Aug 2019 16:01

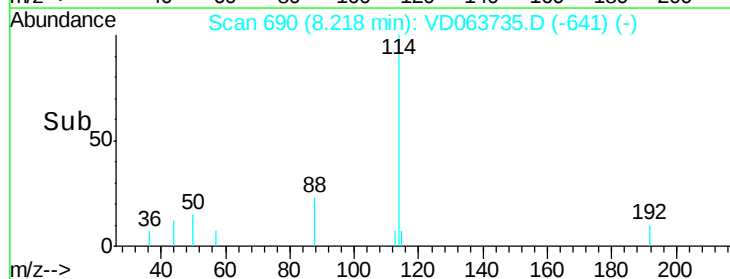
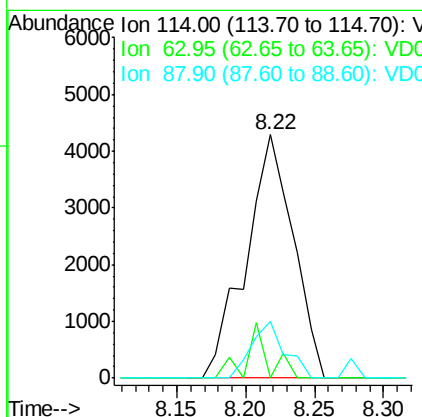
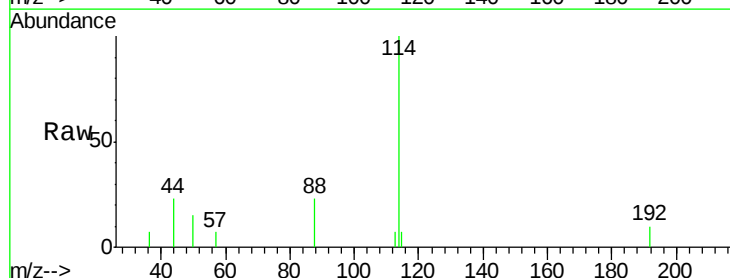
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A1-(2)RE

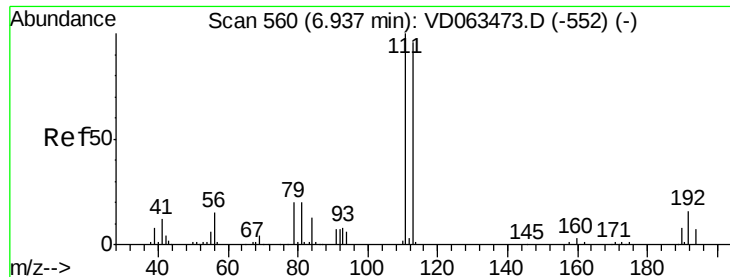
Tot Ion: 65 Resp: 5765
 Ion Ratio Lower Upper
 65 100
 67 13.9 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063735.D
 Acq: 22 Aug 2019 16:01

Tgt Ion: 114 Resp: 10239
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 36.2
 88 23.5 0.0 35.0





#35

Dibromofluoromethane

Concen: 40.425 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

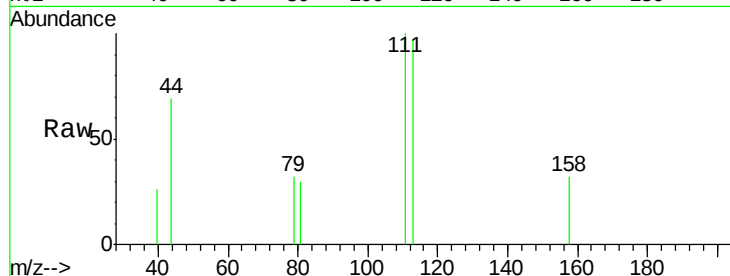
Tot Ion:113 Resp: 3486

Ion Ratio Lower Upper

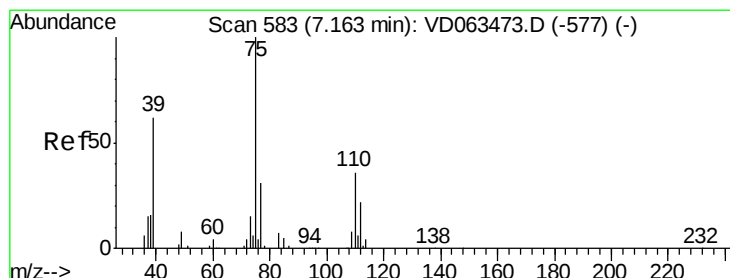
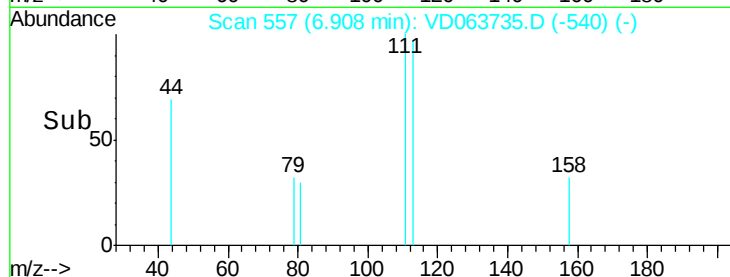
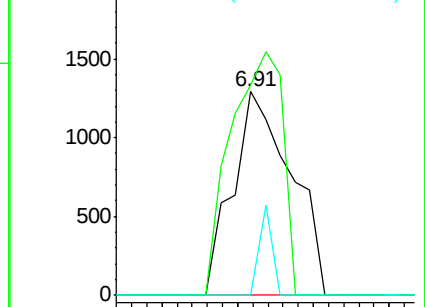
113 100

111 103.5 83.1 124.7

192 0.0 13.1 19.7#



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 2.099 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.11 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

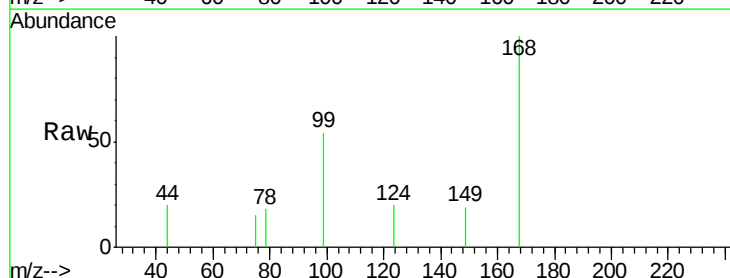
Tgt Ion: 75 Resp: 190

Ion Ratio Lower Upper

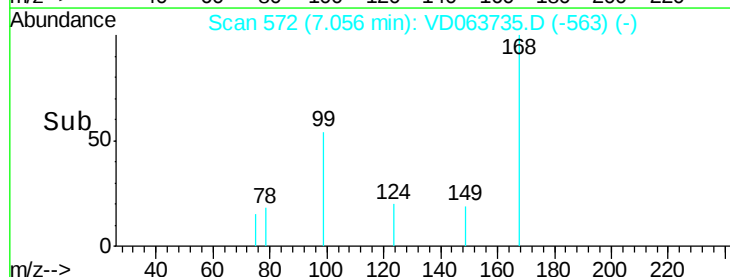
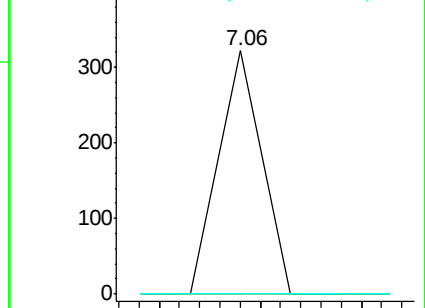
75 100

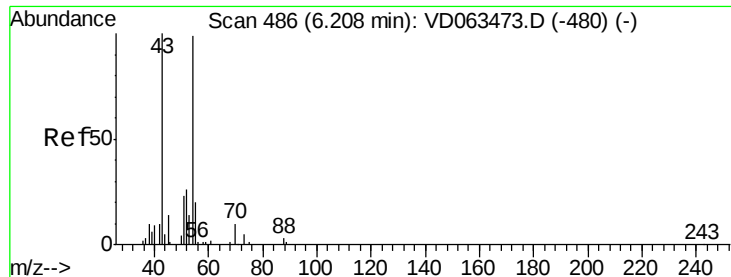
110 0.0 17.6 52.8#

77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

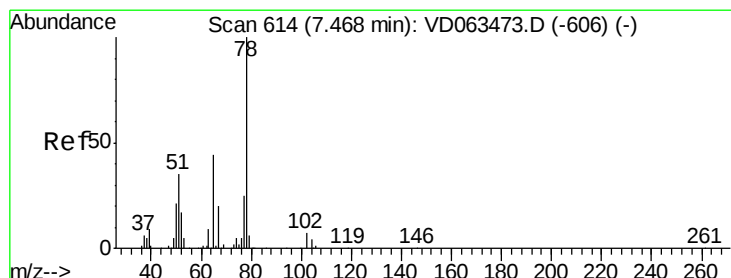
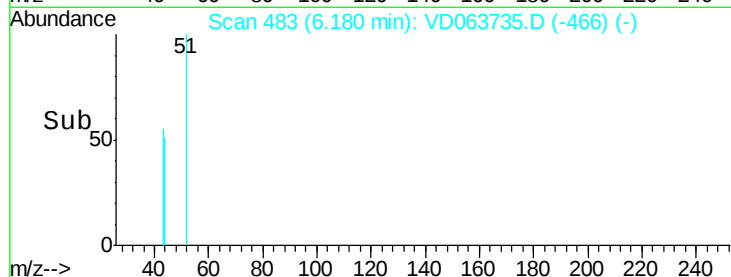
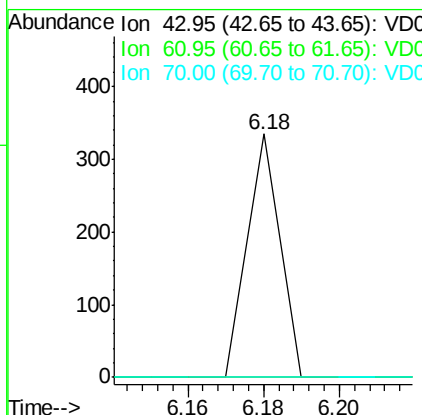
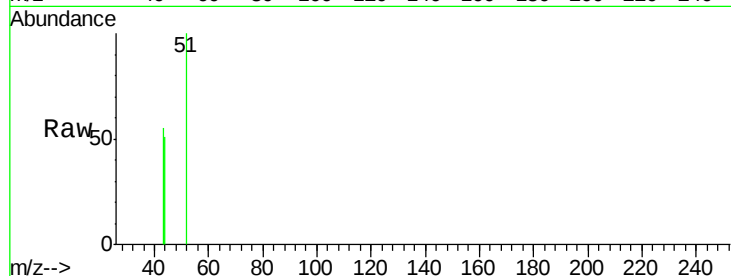




#37
Ethyl Acetate
Concen: 5.220 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.03 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

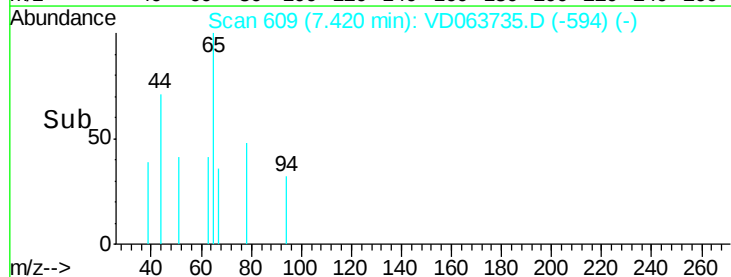
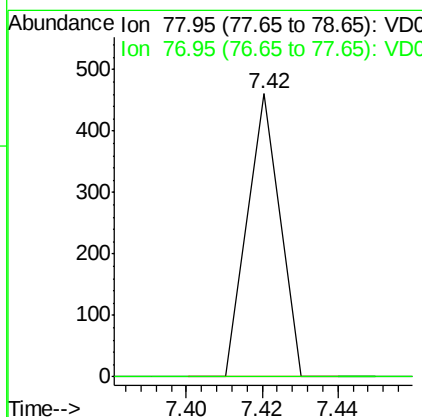
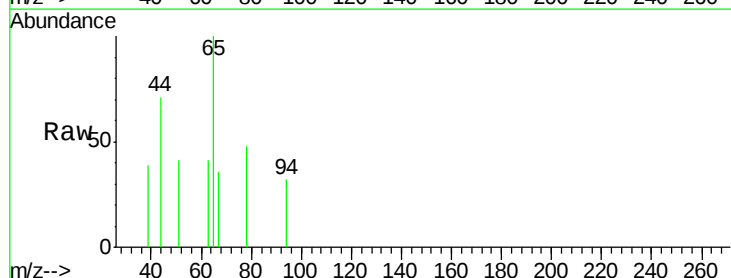
Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)RE

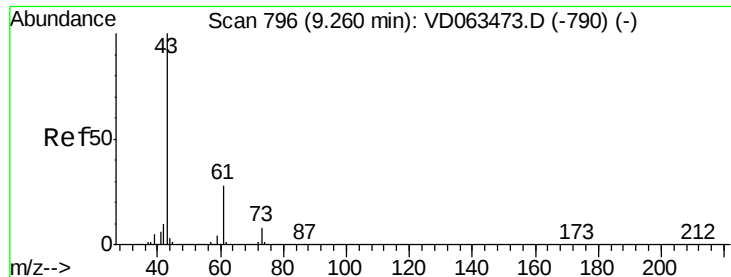
Tot Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
61 0.0 9.0 13.6#
70 0.0 6.9 10.3#



#40
Benzene
Concen: 1.366 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.05 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Tgt Ion: 78 Resp: 272
Ion Ratio Lower Upper
78 100
77 0.0 20.1 30.1#





#43

Isopropyl Acetate

Concen: 4.331 ug/l

RT: 9.26 min Scan# 796

Delta R.T. 0.00 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

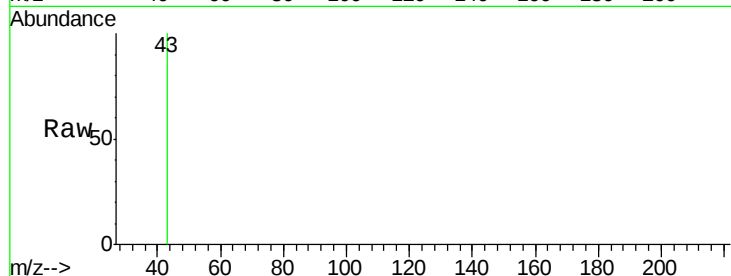
Tot Ion: 43 Resp: 220

Ion Ratio Lower Upper

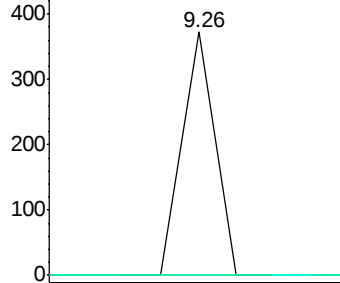
43 100

61 0.0 22.2 33.2#

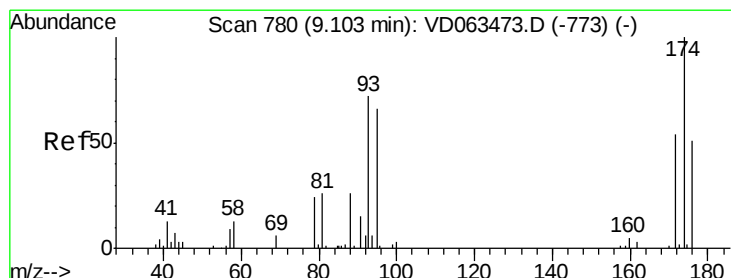
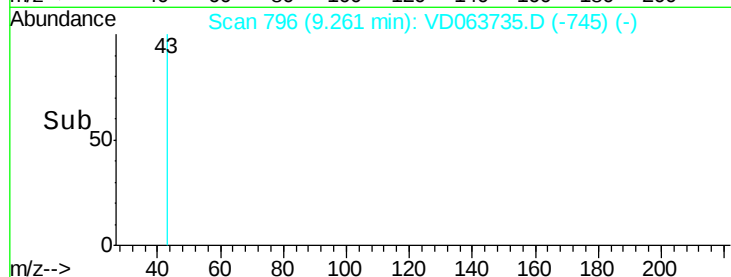
87 0.0 0.2 0.4#



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



Time-->



#49

1,4-Dioxane

Concen: 1083.574 ug/l

RT: 9.03 min Scan# 773

Delta R.T. -0.07 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

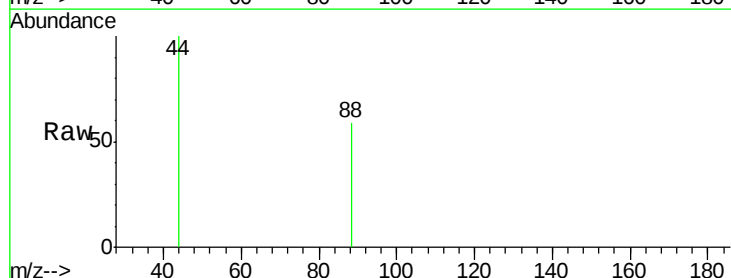
Tgt Ion: 88 Resp: 334

Ion Ratio Lower Upper

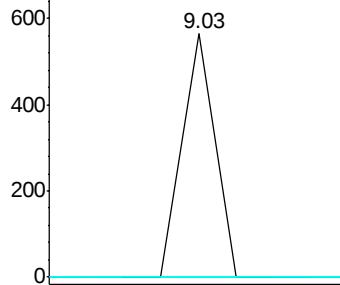
88 100

43 0.0 22.9 34.3#

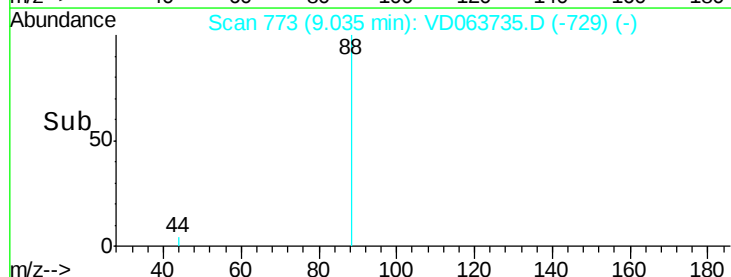
58 0.0 40.1 60.1#

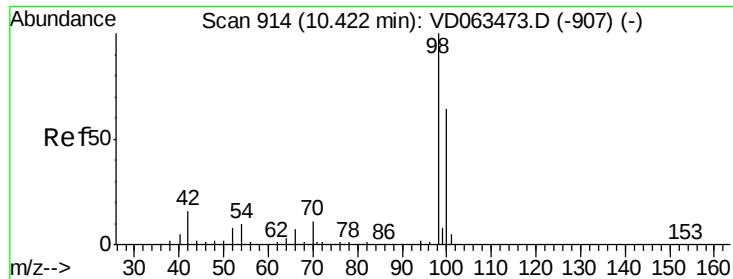


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC



Time-->

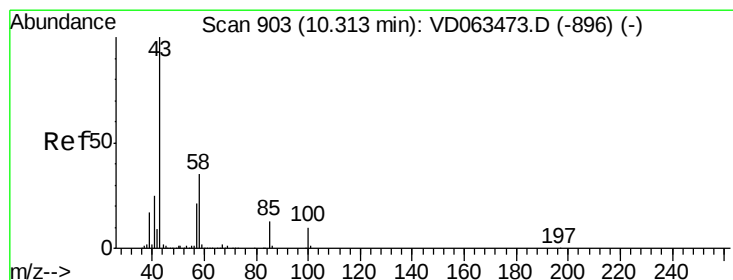
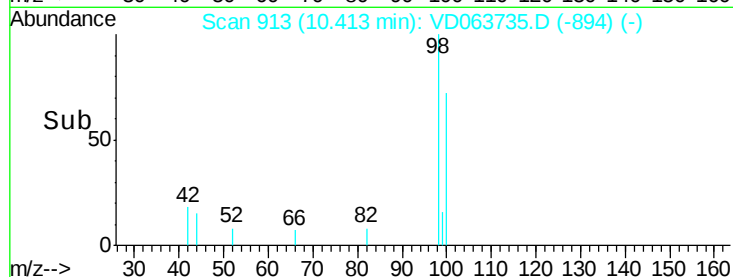
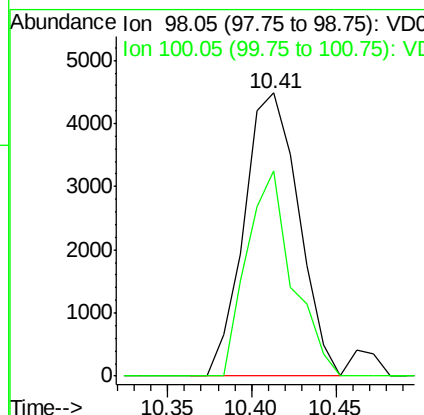
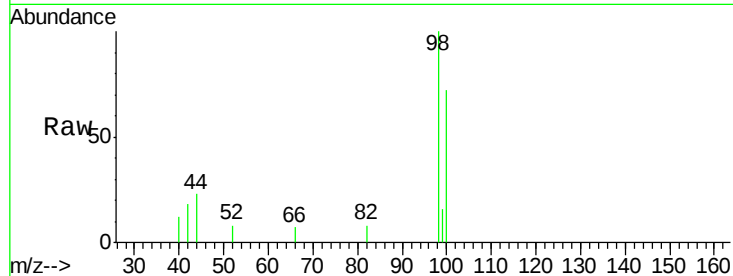




#50
Toluene-d8
Concen: 53.031 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

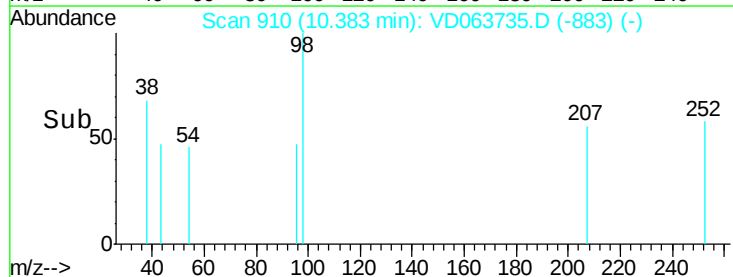
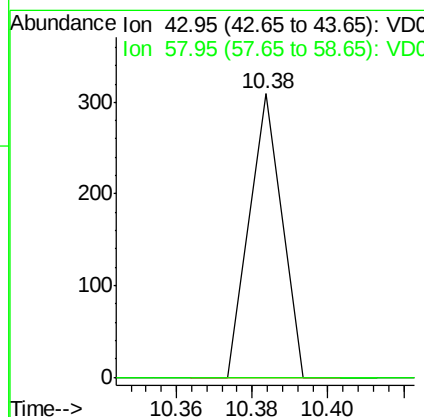
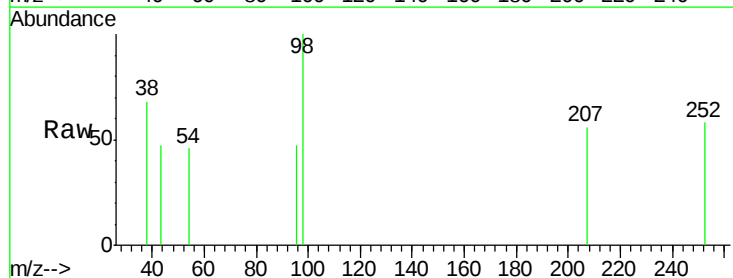
Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)RE

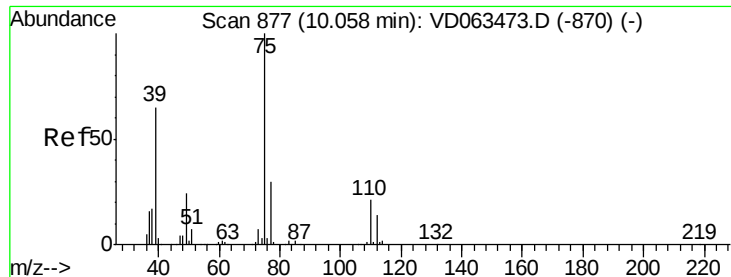
Tot Ion: 98 Resp: 10054
Ion Ratio Lower Upper
98 100
100 72.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 5.236 ug/l
RT: 10.38 min Scan# 910
Delta R.T. 0.07 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#54

cis-1,3-Dichloropropene

Concen: 2.182 ug/l

RT: 10.14 min Scan# 885

Delta R.T. 0.08 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

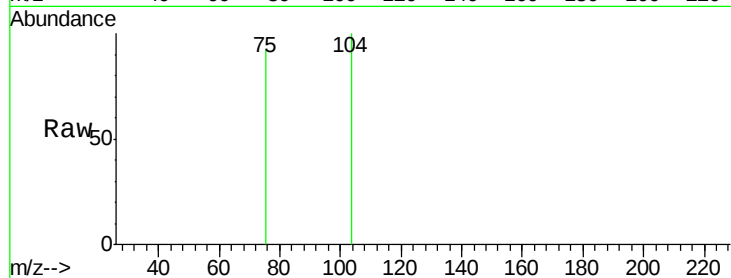
Tot Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

77 0.0 23.7 35.5#

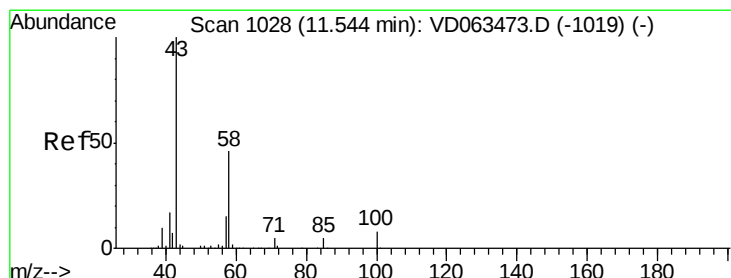
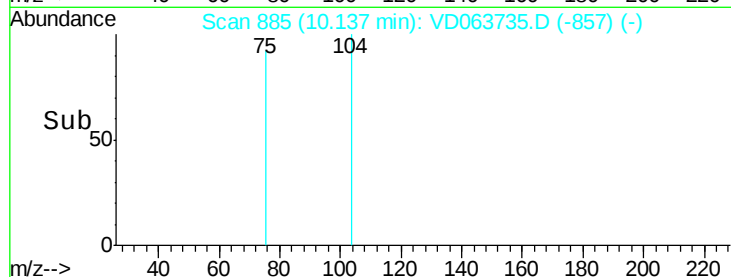
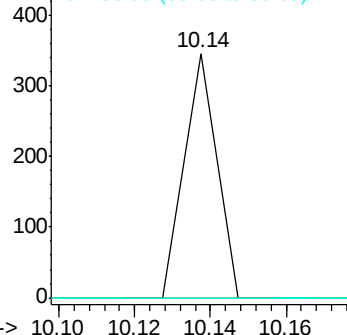
39 0.0 52.2 78.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC



#59

2-Hexanone

Concen: 7.077 ug/l

RT: 11.56 min Scan# 1030

Delta R.T. 0.02 min

Lab File: VD063735.D

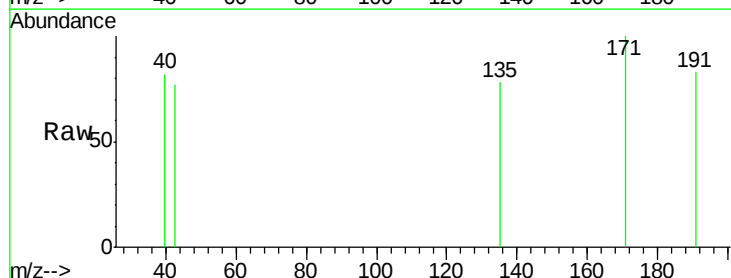
Acq: 22 Aug 2019 16:01

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

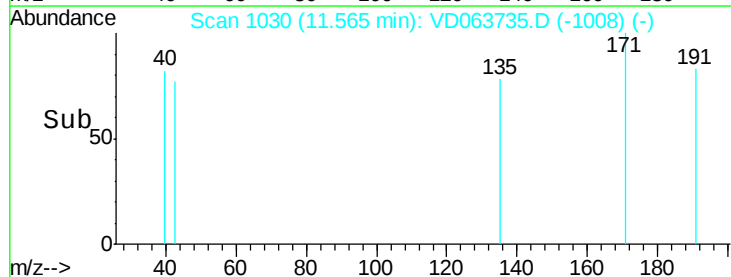
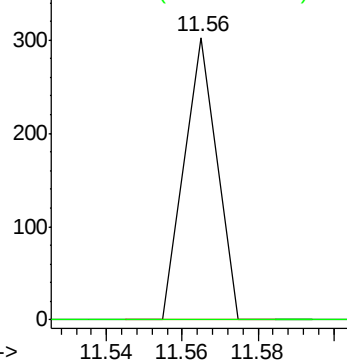
43 100

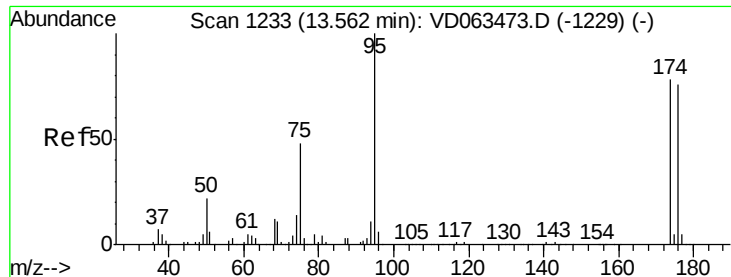
58 0.0 23.1 69.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

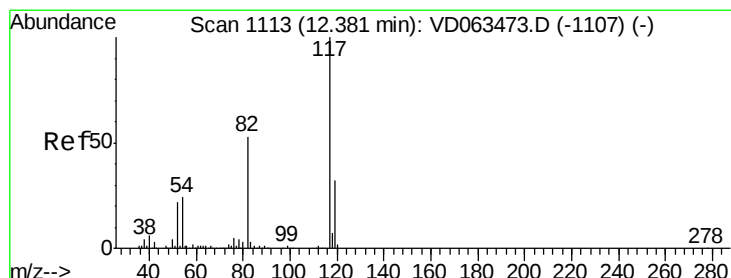
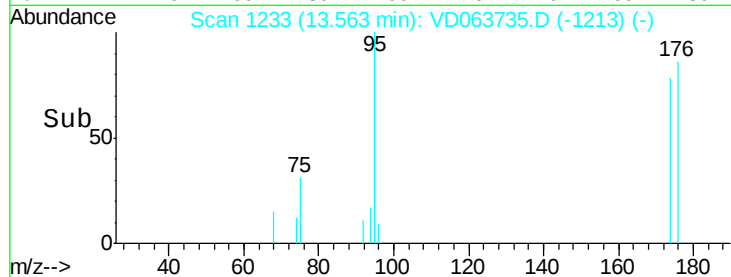
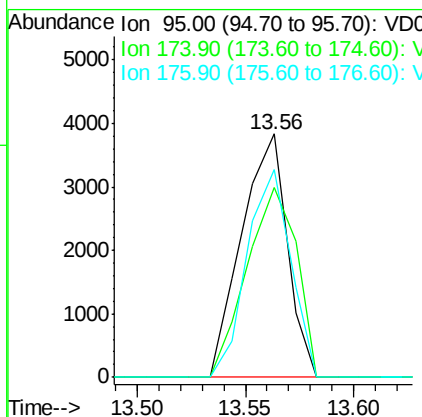
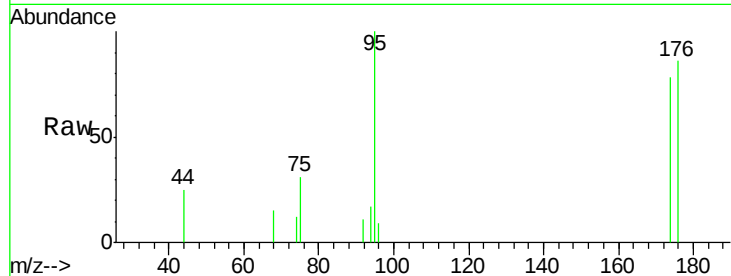




#62
4-Bromofluorobenzene
Concen: 65.111 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

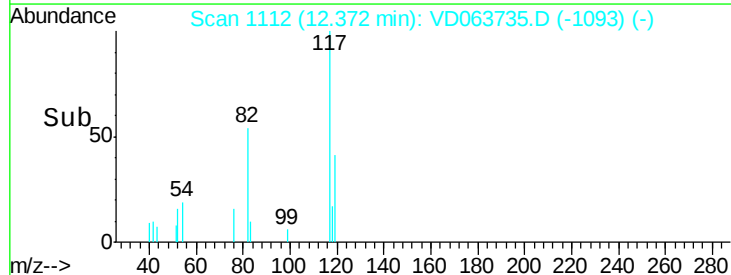
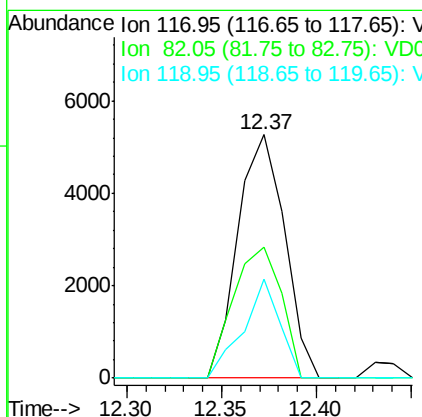
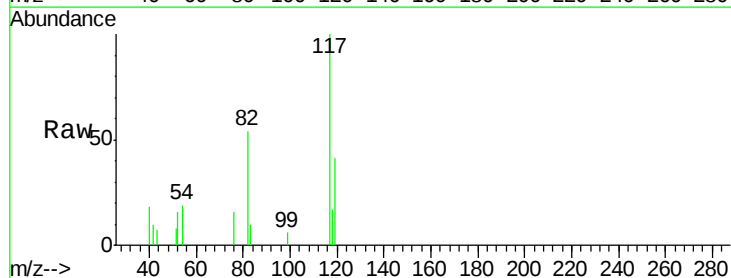
Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)RE

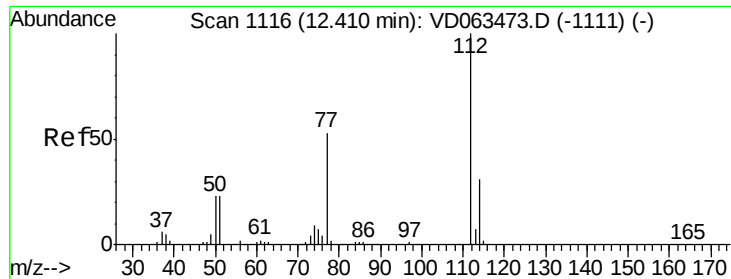
Tot Ion: 95 Resp: 5595
Ion Ratio Lower Upper
95 100
174 77.9 0.0 155.4
176 85.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Tgt Ion: 117 Resp: 9027
Ion Ratio Lower Upper
117 100
82 54.0 42.0 63.0
119 40.8 25.4 38.0#





#65

Chlorobenzene

Concen: 1.265 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. -0.01 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

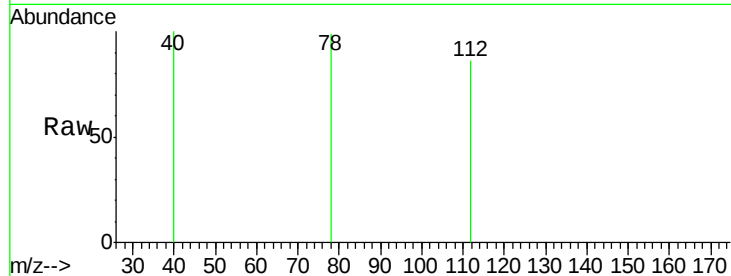
T6-A1-(2)RE

Tot Ion:112 Resp: 214

Ion Ratio Lower Upper

112 100

114 0.0 25.1 37.7#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

12.40

400

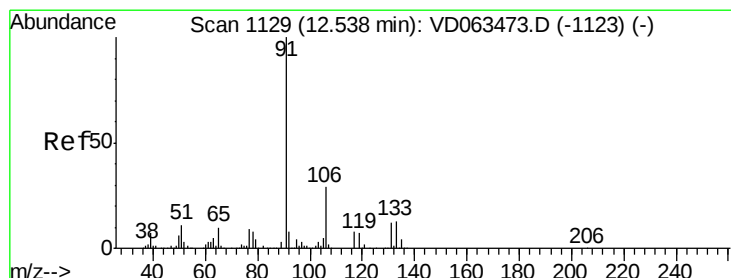
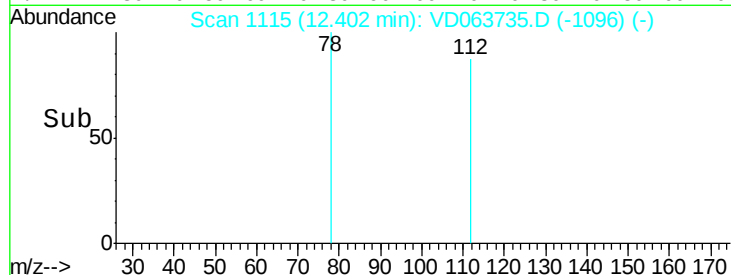
300

200

100

0

Time-->



#67

Ethyl Benzene

Concen: 2.230 ug/l

RT: 12.68 min Scan# 1143

Delta R.T. 0.14 min

Lab File: VD063735.D

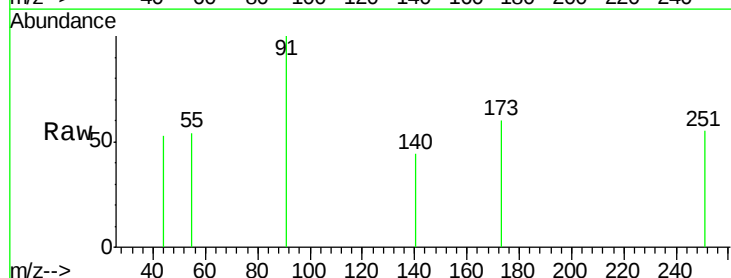
Acq: 22 Aug 2019 16:01

Tgt Ion: 91 Resp: 656

Ion Ratio Lower Upper

91 100

106 0.0 23.1 34.7#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

12.68

800

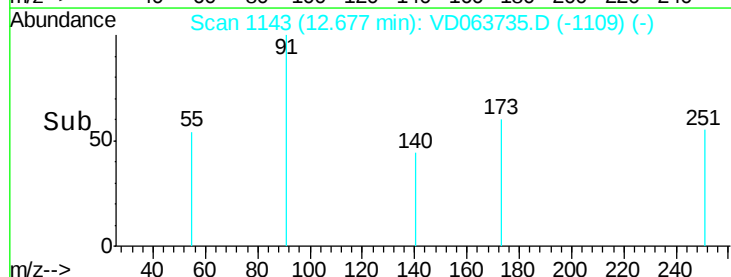
600

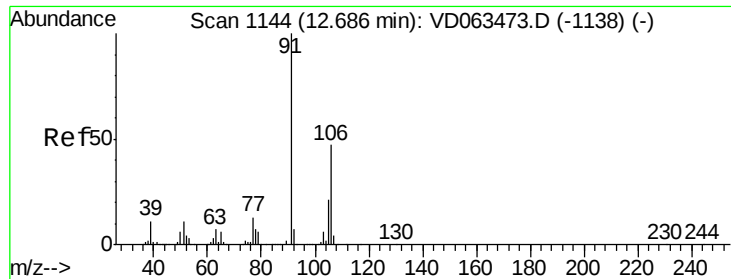
400

200

0

Time-->

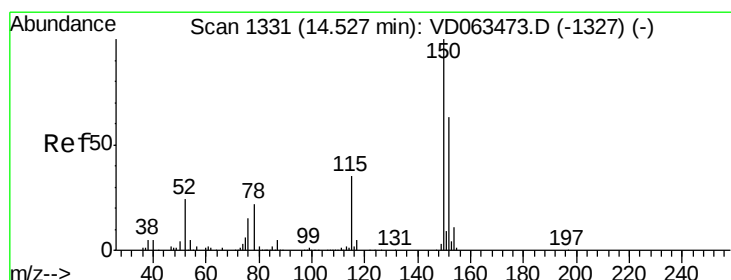
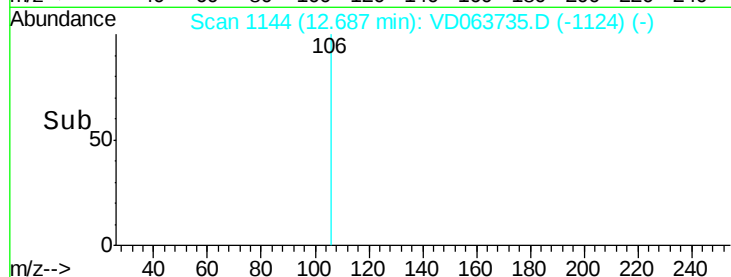
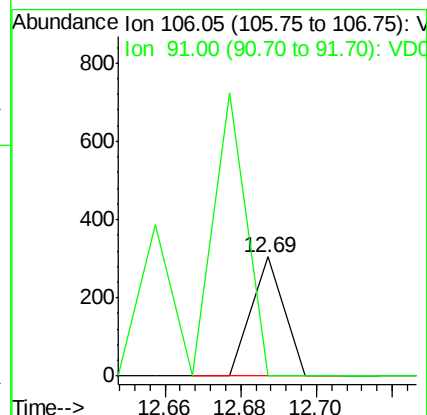
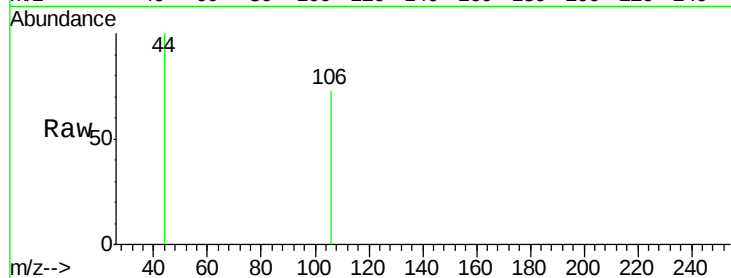




#68
m/p-Xvlenes
Concen: 1.742 ug/l
RT: 12.69 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

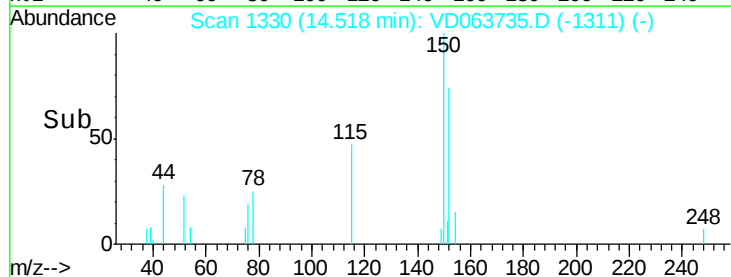
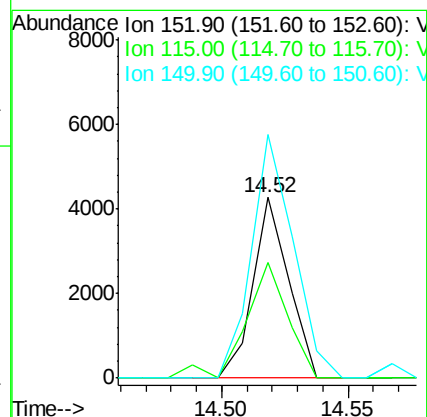
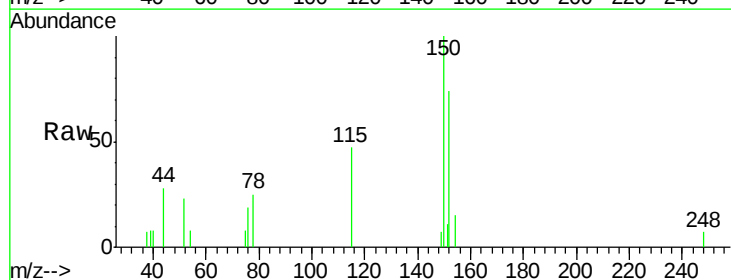
Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)RE

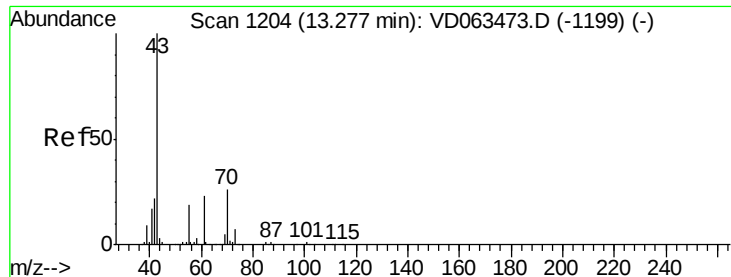
Tot Ion:106 Resp: 180
Ion Ratio Lower Upper
106 100
91 0.0 171.8 257.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063735.D
Acq: 22 Aug 2019 16:01

Tgt Ion:152 Resp: 4201
Ion Ratio Lower Upper
152 100
115 63.9 30.9 92.7
150 134.7 0.0 318.6





#74

N-amvl acetate

Concen: 3.563 ug/l

RT: 12.83 min Scan# 1159

Delta R.T. -0.44 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

Tot Ion: 43 Resp: 239

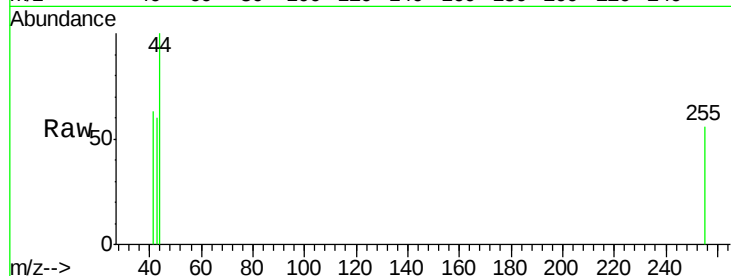
Ion Ratio Lower Upper

43 100

70 0.0 21.1 31.7#

55 0.0 15.4 23.0#

61 0.0 18.2 27.2#

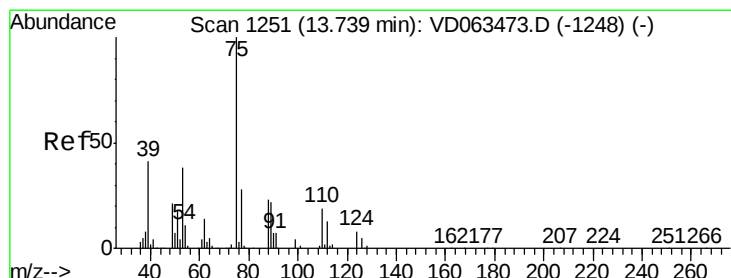
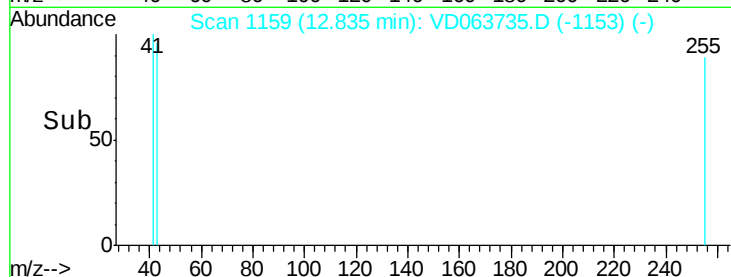
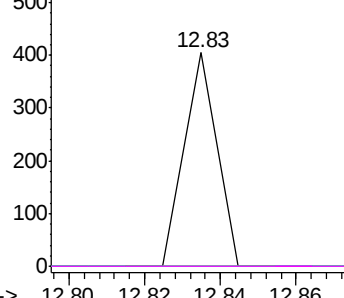


Abundance Ion 42.95 (42.65 to 43.65): VDC

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



#76

1,2,3-Trichloropropane

Concen: 4.293 ug/l

RT: 13.63 min Scan# 1240

Delta R.T. -0.11 min

Lab File: VD063735.D

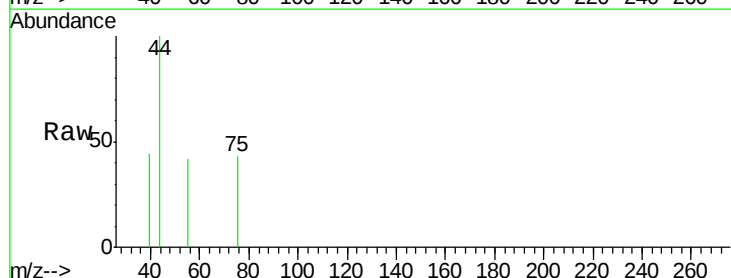
Acq: 22 Aug 2019 16:01

Tgt Ion: 75 Resp: 207

Ion Ratio Lower Upper

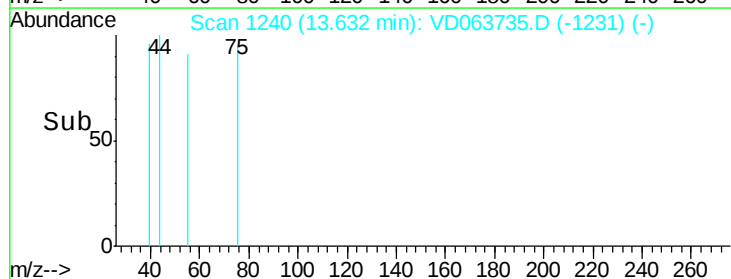
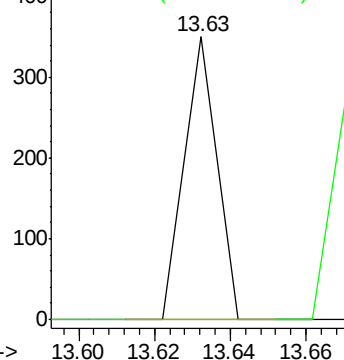
75 100

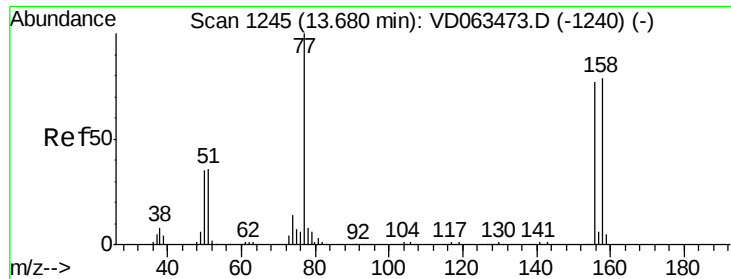
77 0.0 15.1 45.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 2.917 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

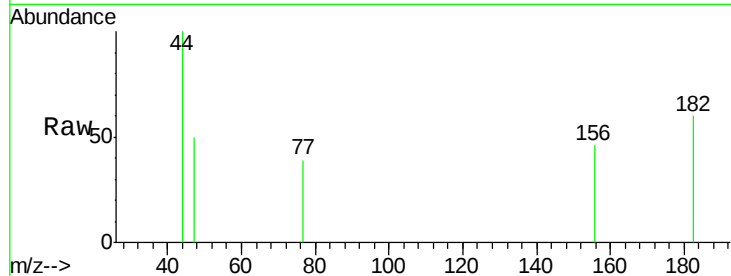
MSVOA_D

ClientSampleId :

T6-A1-(2)RE

Tot Ion:156 Resp: 213

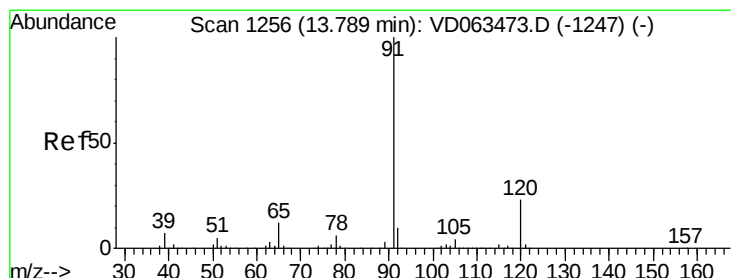
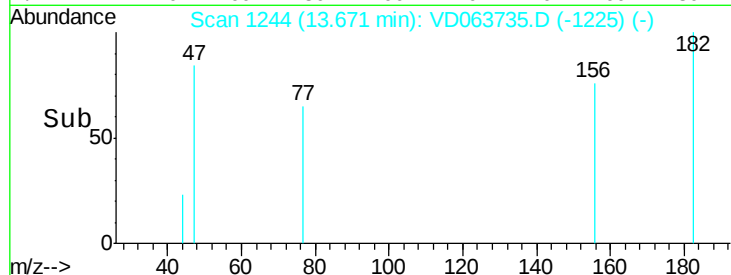
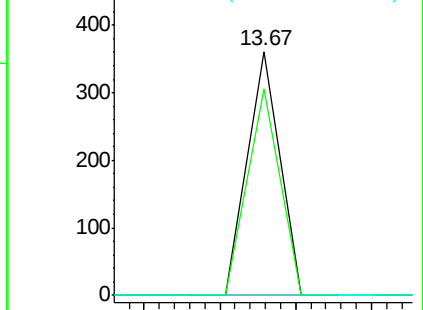
Ion	Ratio	Lower	Upper
156	100		
77	84.5	64.6	193.8
158	0.0	50.9	152.7#



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 1.340 ug/l

RT: 13.78 min Scan# 1255

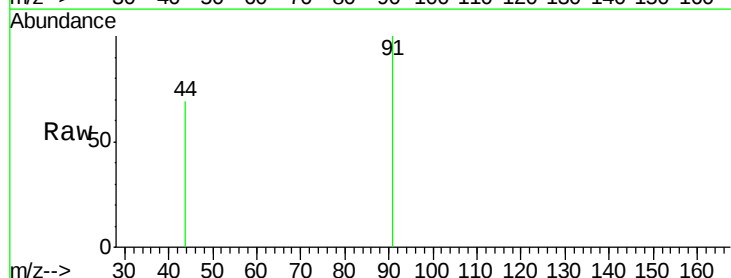
Delta R.T. -0.01 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

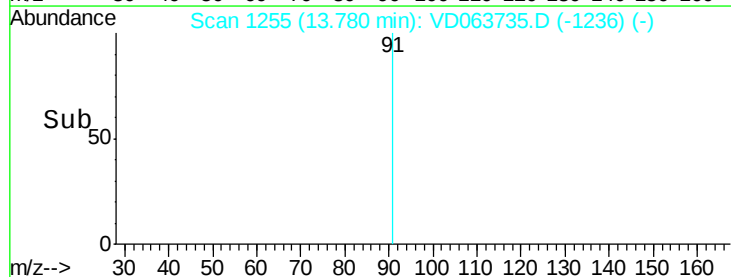
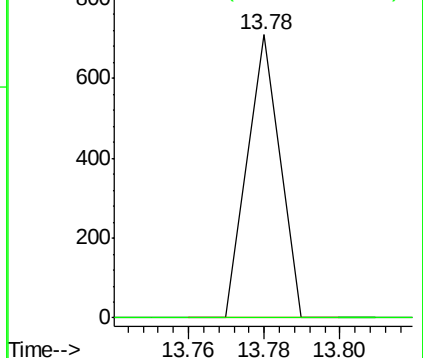
Tgt Ion: 91 Resp: 419

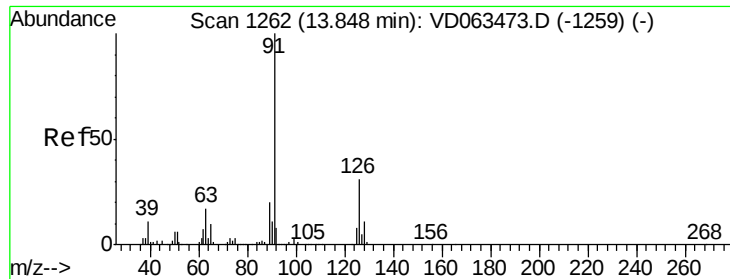
Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.3	33.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 2.324 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.07 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

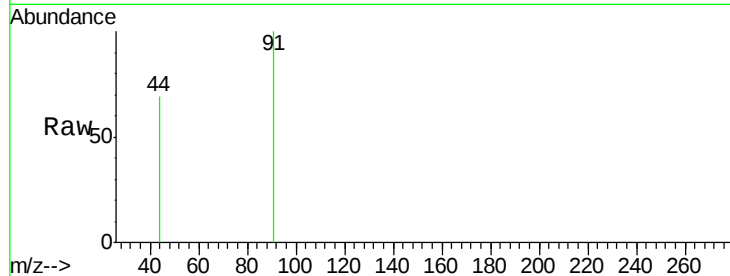
T6-A1-(2)RE

Tot Ion: 91 Resp: 419

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC

13.78

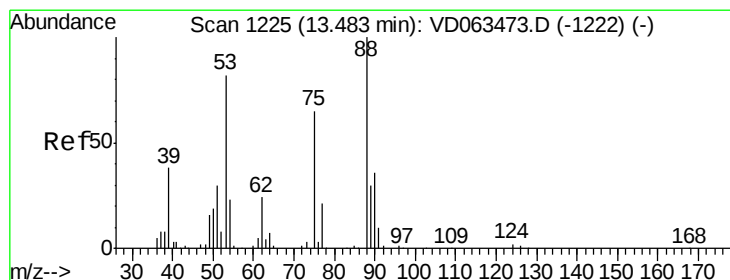
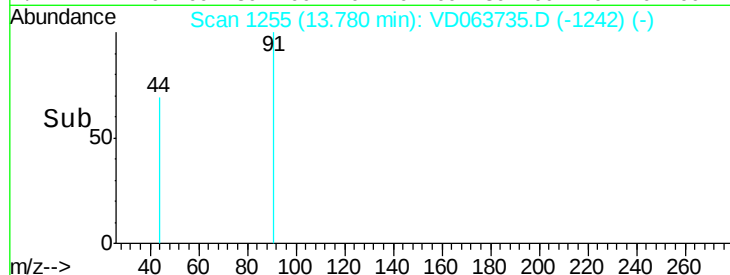
600

400

200

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 18.443 ug/l

RT: 13.42 min Scan# 1218

Delta R.T. -0.07 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

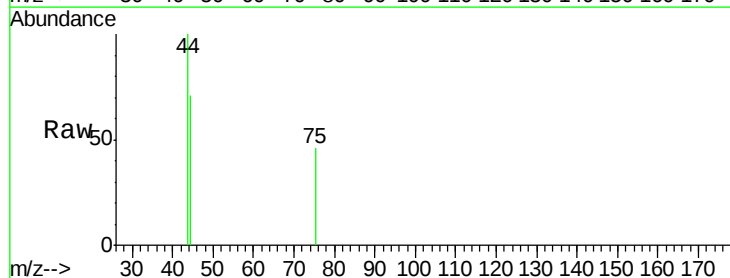
Tgt Ion: 75 Resp: 239

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

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

13.42

400

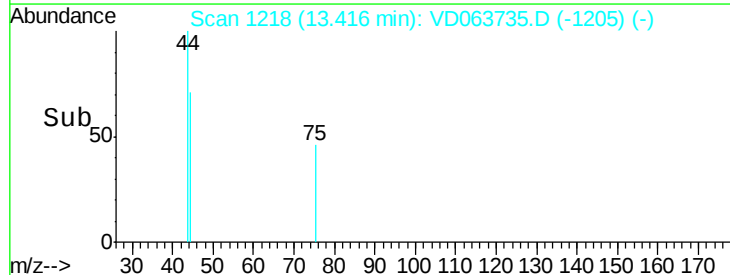
300

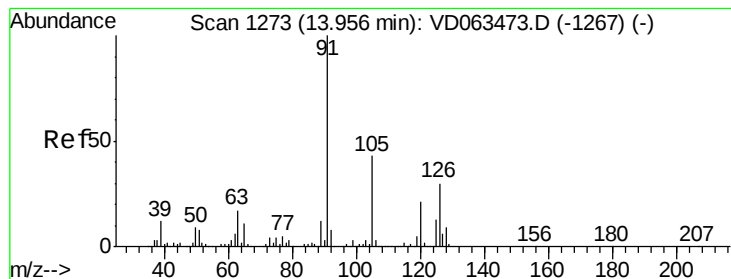
200

100

0

Time-->





#82

4-Chlorotoluene

Concen: 1.979 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

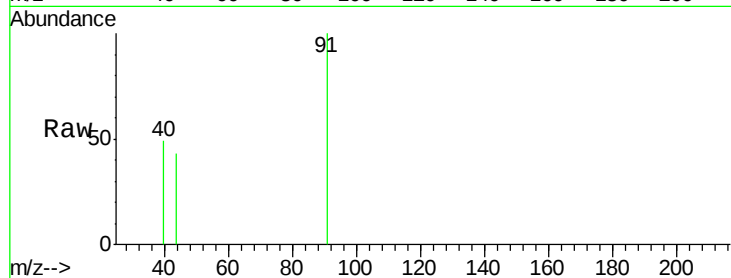
T6-A1-(2)RE

Tot Ion: 91 Resp: 429

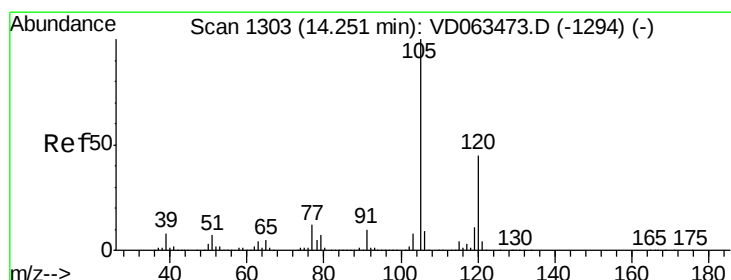
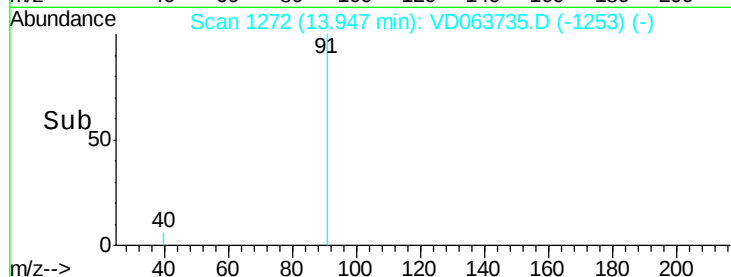
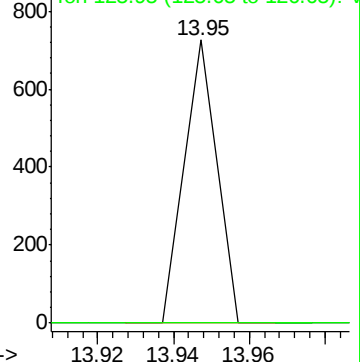
Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VD063735.D (-1267) (-)



#84

1,2,4-Trimethylbenzene

Concen: 3.046 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.01 min

Lab File: VD063735.D

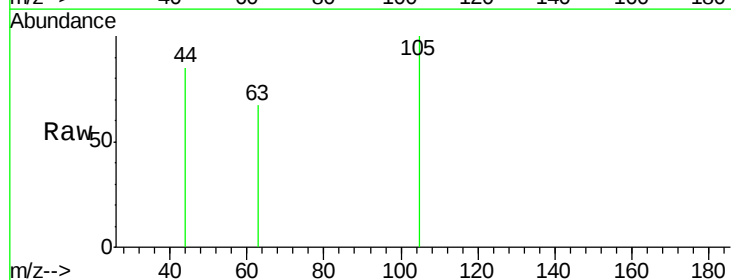
Acq: 22 Aug 2019 16:01

Tgt Ion: 105 Resp: 658

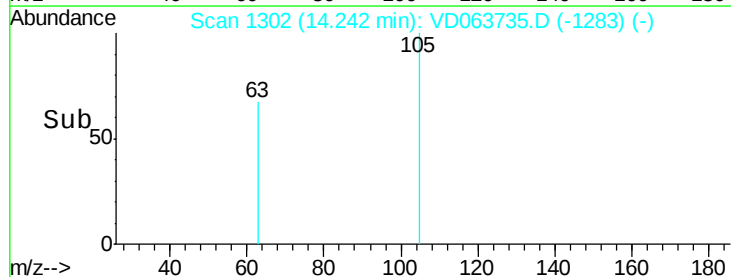
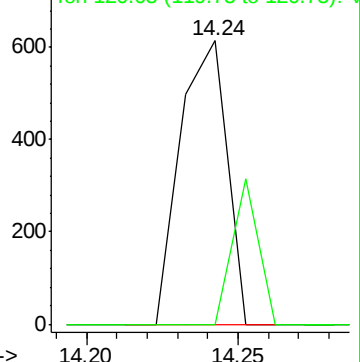
Ion Ratio Lower Upper

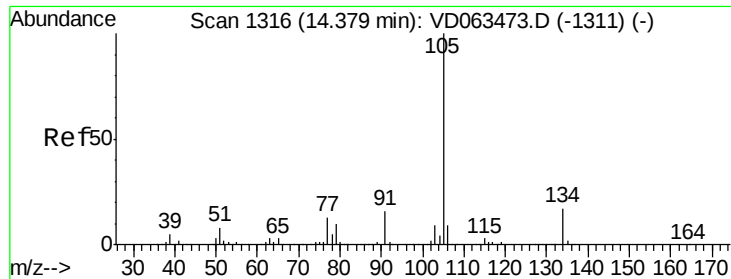
105 100

120 0.0 22.7 68.1#



Abundance Ion 105.05 (104.75 to 105.75): VD063735.D (-1283) (-)

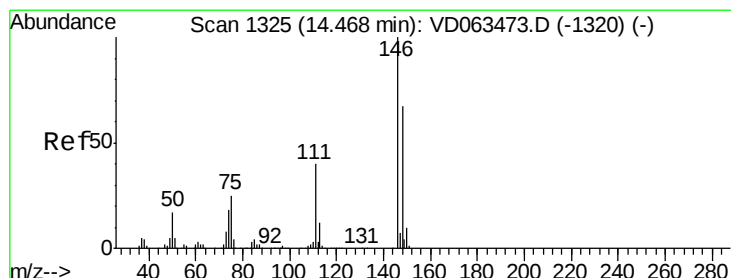
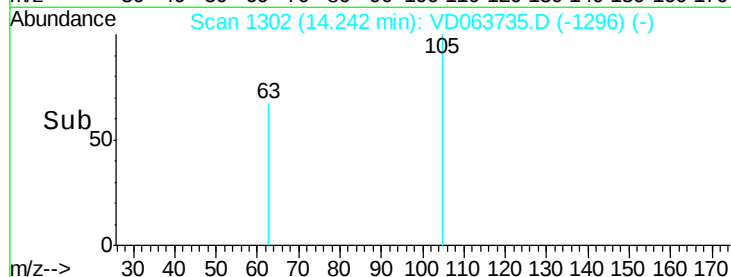
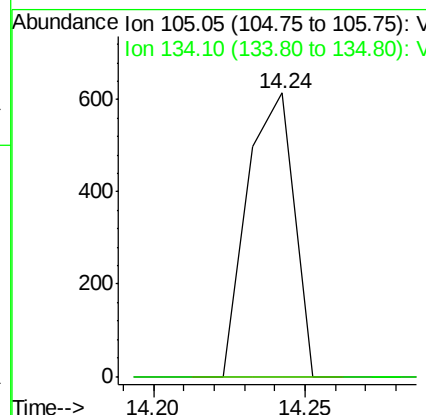
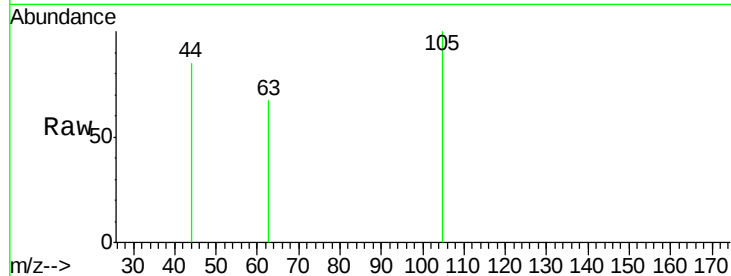




#85
 sec-Butylbenzene
 Concen: 2.520 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.14 min
 Lab File: VD063735.D
 Acq: 22 Aug 2019 16:01

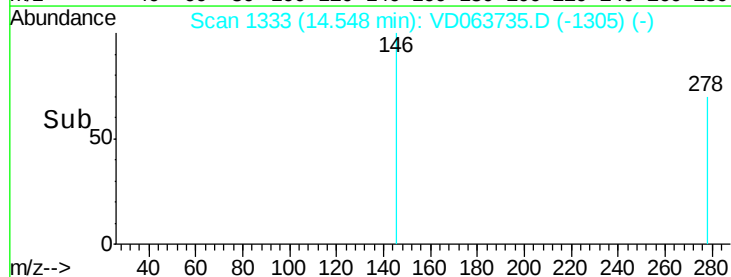
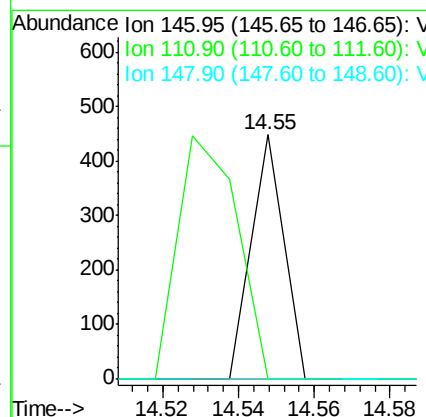
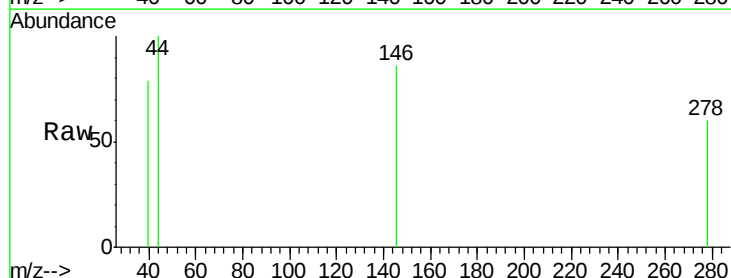
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A1-(2)RE

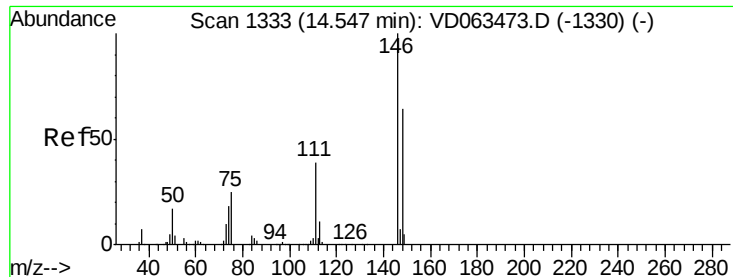
Tot Ion:105 Resp: 658
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.3 24.8#



#87
 1,3-Dichlorobenzene
 Concen: 2.006 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.08 min
 Lab File: VD063735.D
 Acq: 22 Aug 2019 16:01

Tgt Ion:146 Resp: 265
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 0.0 33.6 100.6#





#88

1,4-Dichlorobenzene

Concen: 2.091 ug/l

RT: 14.55 min Scan# 1333

Delta R.T. 0.00 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

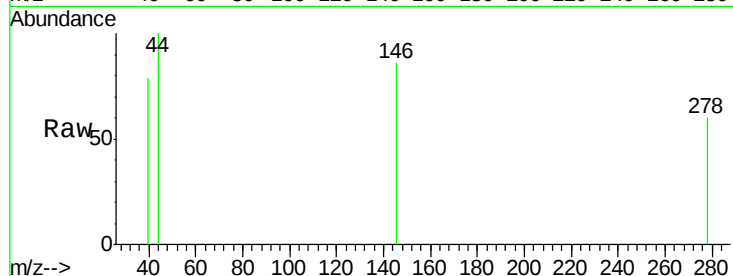
Tot Ion:146 Resp: 265

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.0#

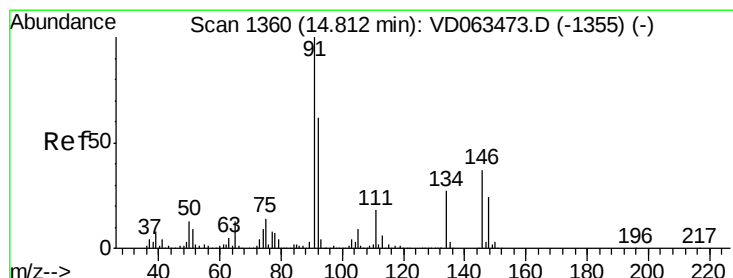
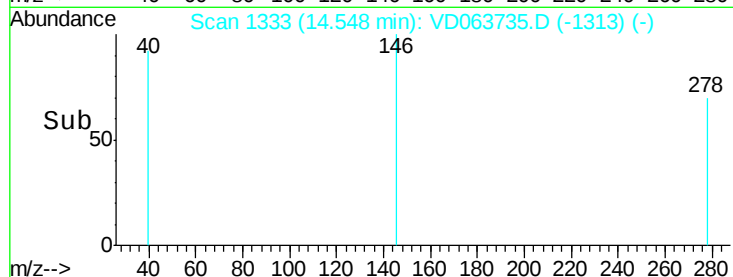
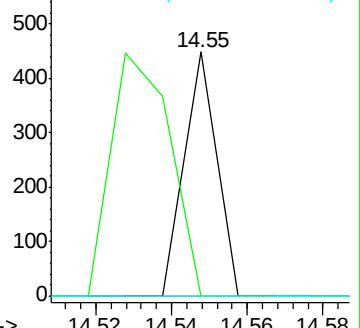
148 0.0 32.1 96.3#



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



#89

n-Butylbenzene

Concen: 1.128 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

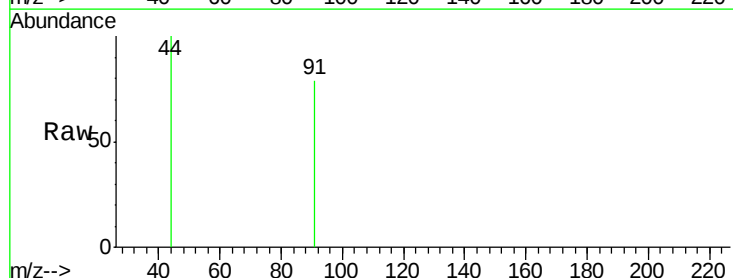
Tgt Ion: 91 Resp: 257

Ion Ratio Lower Upper

91 100

92 0.0 30.8 92.3#

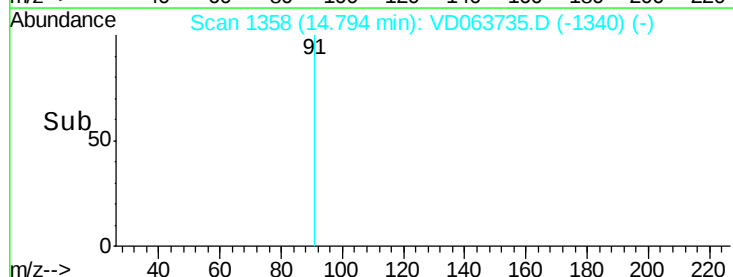
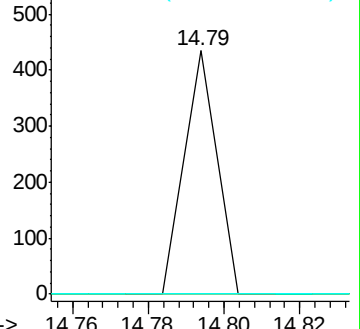
134 0.0 13.4 40.2#

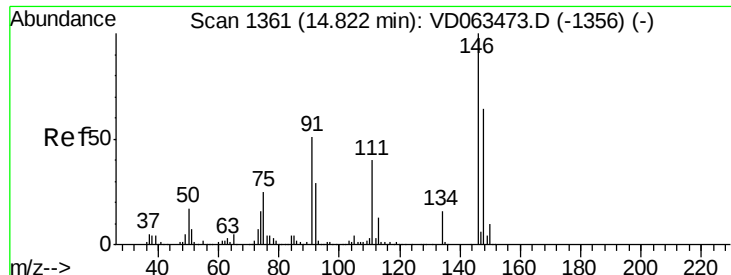


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V





#91

1,2-Dichlorobenzene

Concen: 1.695 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

Instrument :

MSVOA_D

ClientSampleId :

T6-A1-(2)RE

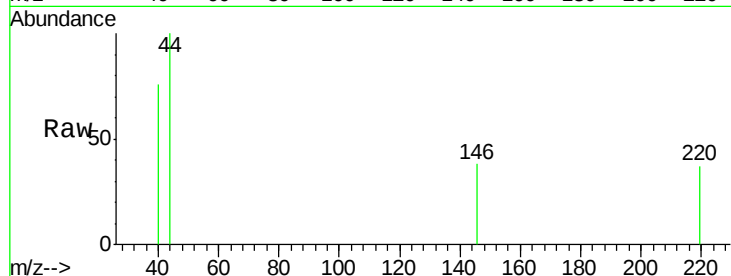
Tot Ion:146 Resp: 190

Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.6#

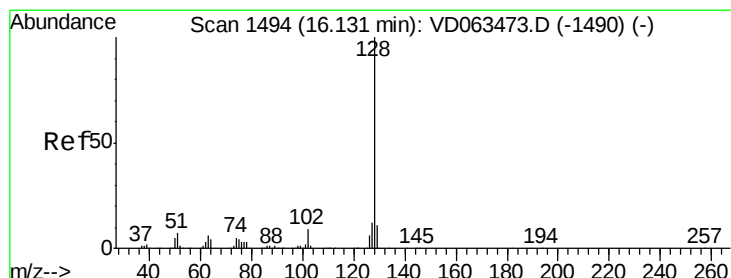
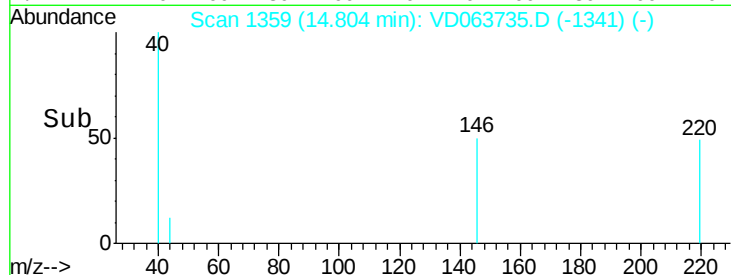
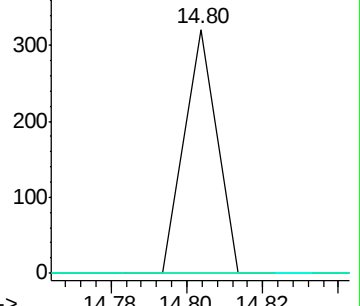
148 0.0 32.1 96.5#



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



#95

Naphthalene

Concen: 2.368 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD063735.D

Acq: 22 Aug 2019 16:01

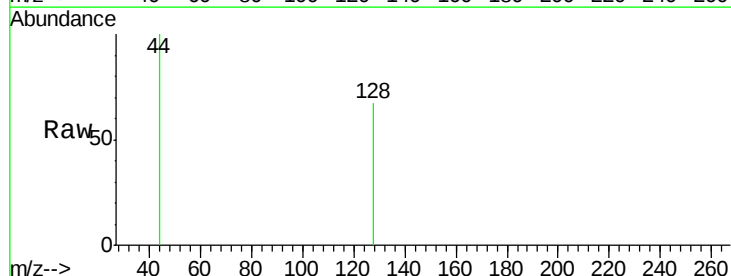
Tgt Ion:128 Resp: 296

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

