

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
 Data File : VD063746.D
 Acq On : 22 Aug 2019 21:06
 Operator : JC/SY
 Sample : K4388-19RE
 Misc : 6.18g/5ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3-(0)RE

Quant Time: Aug 23 07:01:38 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	9687	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	18079	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	19404	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	9809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	22004	212.50	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	425.00%	
35) Dibromofluoromethane	6.91	113	16050	105.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	210.82%	
50) Toluene-d8	10.40	98	28233	84.34	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	168.68%	
62) 4-Bromofluorobenzene	13.56	95	11847	78.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.50	85	189	1.613 ug/l #	45
3) Chloromethane	1.72	50	226	2.468 ug/l #	41
5) Bromomethane	2.14	94	461	10.748 ug/l #	41
6) Chloroethane	2.23	64	188	4.523 ug/l #	60
7) Trichlorofluoromethane	2.39	101	278	1.559 ug/l #	17
8) Diethyl Ether	2.78	74	197	7.826 ug/l	72
10) Methyl Iodide	3.30	142	321	2.155 ug/l #	29
12) 1,1-Dichloroethene	3.07	96	180	2.300 ug/l #	1
13) Acrolein	3.00	56	357	80.462 ug/l	97
14) Allyl chloride	3.65	41	204	1.734 ug/l #	8
16) Acetone	3.19	43	1585	75.301 ug/l #	65
18) Methyl Acetate	3.61	43	188	4.715 ug/l #	57
20) Methylene Chloride	3.80	84	1389	15.261 ug/l #	51
25) 2-Butanone	6.08	43	233	11.208 ug/l #	58
29) Tetrahydrofuran	6.73	42	202	20.853 ug/l #	35
36) 1,1-Dichloropropene	7.21	75	241	1.508 ug/l #	42
37) Ethyl Acetate	6.26	43	190	2.837 ug/l #	73
38) Carbon Tetrachloride	7.07	117	458	1.901 ug/l #	13
41) Methacrylonitrile	6.47	41	649	7.697 ug/l #	37
43) Isopropyl Acetate	9.02	43	270	3.010 ug/l #	48
51) 4-Methyl-2-Pentanone	10.32	43	187	3.047 ug/l #	40
53) t-1,3-Dichloropropene	10.89	75	197	1.345 ug/l #	44
59) 2-Hexanone	11.48	43	183	4.098 ug/l #	30
74) N-ethyl acetate	13.29	43	198	1.264 ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.81	83	201	1.941 ug/l #	26
81) trans-1,4-Dichloro-2-buten	13.55	75	5293	174.934 ug/l #	1
84) 1,2,4-Trimethylbenzene	14.23	105	2328	4.615 ug/l	78
85) sec-Butylbenzene	14.23	105	2328	3.819 ug/l #	62
90) Hexachloroethane	15.02	117	196	1.338 ug/l #	12
93) 1,2,4-Trichlorobenzene	15.94	180	203	1.054 ug/l #	10
95) Naphthalene	16.12	128	1659	5.685 ug/l #	71
96) 1,2,3-Trichlorobenzene	16.26	180	210	1.350 ug/l #	12

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

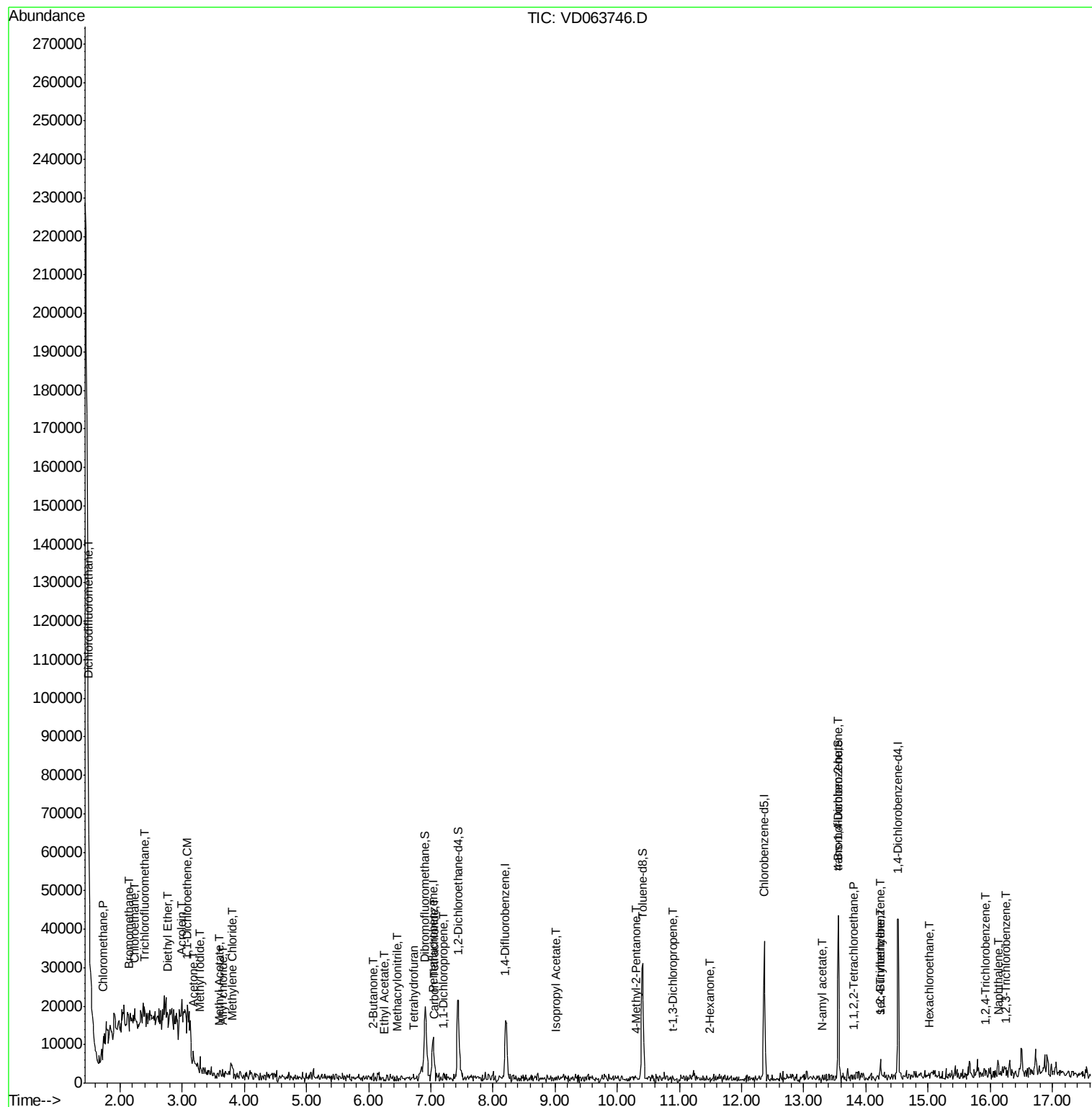
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

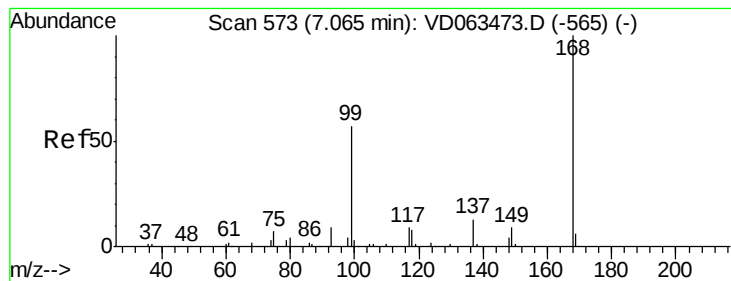
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

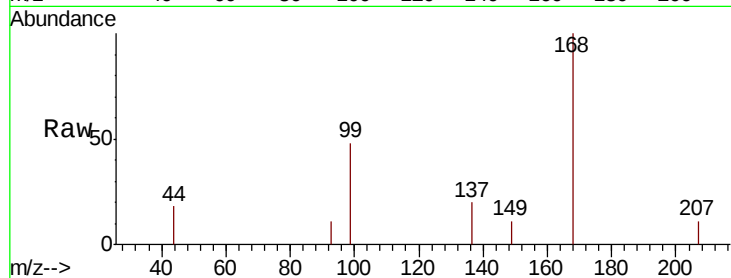
T6-E3-(0)RE

Tgt Ion:168 Resp: 9687

Ion Ratio Lower Upper

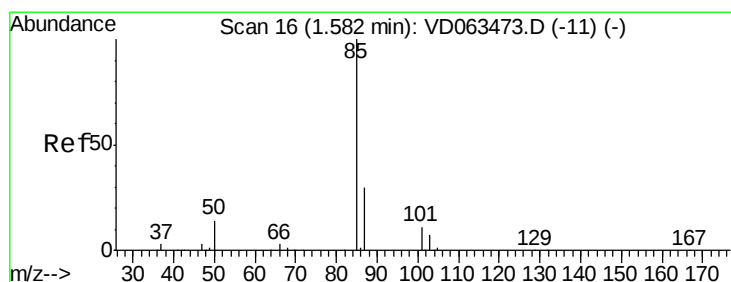
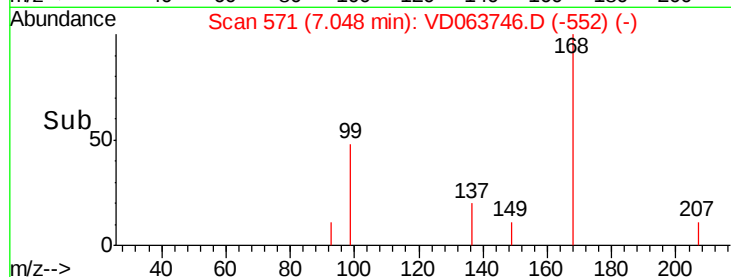
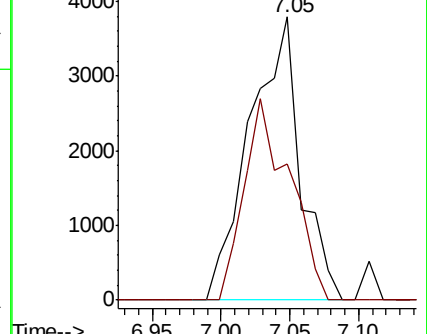
168 100

99 48.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 1.613 ug/l

RT: 1.50 min Scan# 7

Delta R.T. -0.09 min

Lab File: VD063746.D

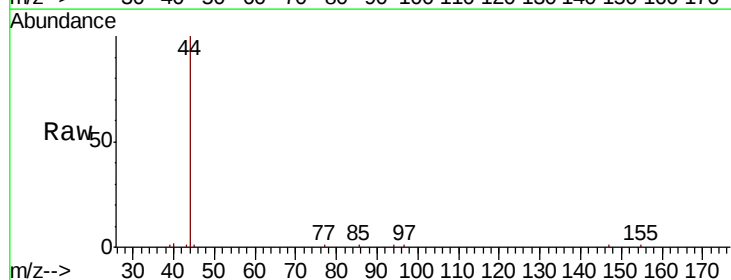
Acq: 22 Aug 2019 21:06

Tgt Ion: 85 Resp: 189

Ion Ratio Lower Upper

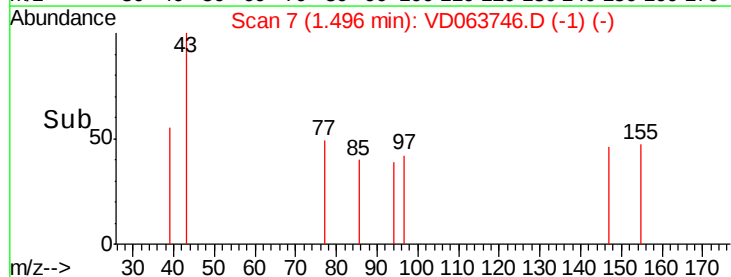
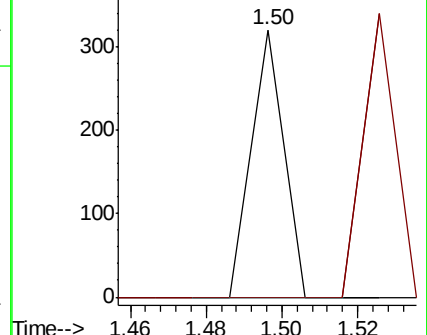
85 100

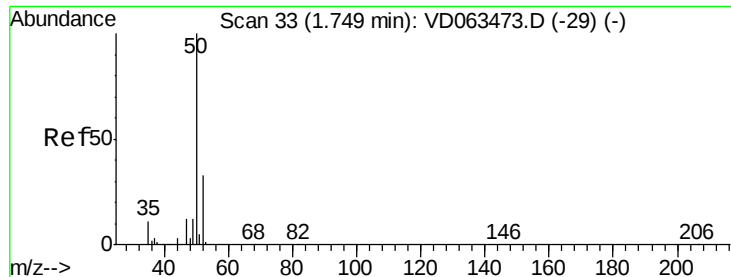
87 0.0 15.0 45.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 2.468 ug/l

RT: 1.72 min Scan# 30

Delta R.T. -0.03 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

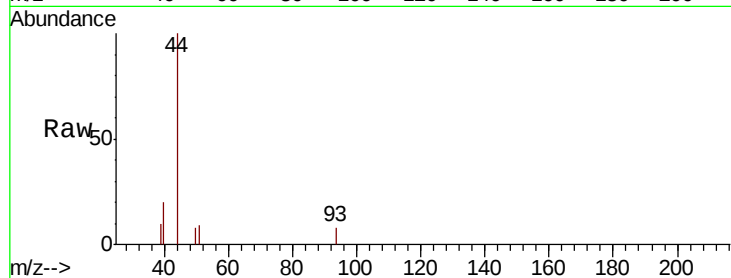
T6-E3-(0)RE

Tgt Ion: 50 Resp: 226

Ion Ratio Lower Upper

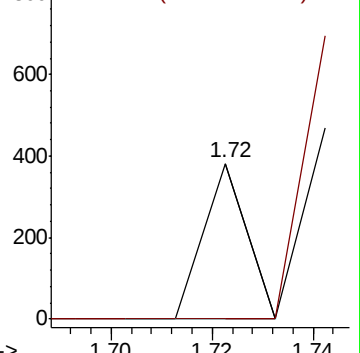
50 100

52 0.0 26.6 40.0#

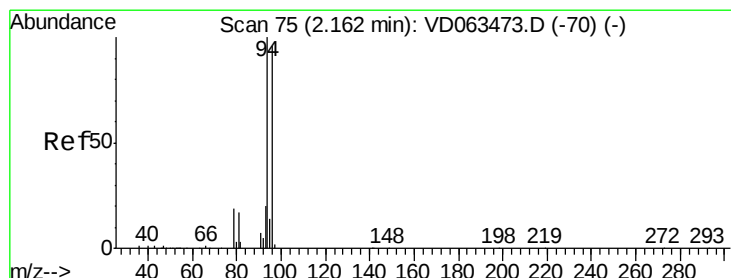
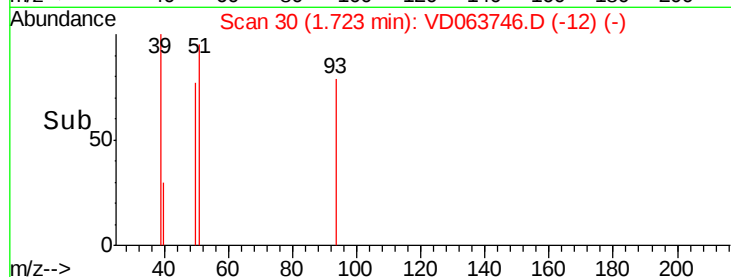


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#5

Bromomethane

Concen: 10.748 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.03 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

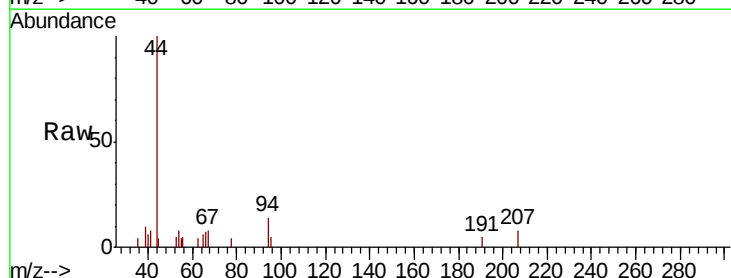
Tgt Ion: 94 Resp: 461

Ion Ratio Lower Upper

94 100

96 34.5 76.5 114.7#

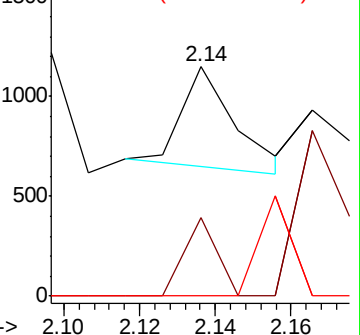
93 0.0 15.8 23.8#



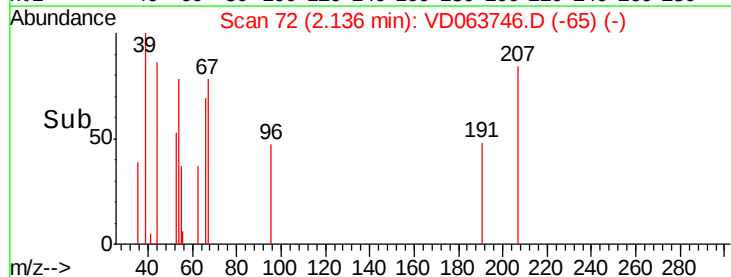
Abundance Ion 94.00 (93.70 to 94.70): VDC

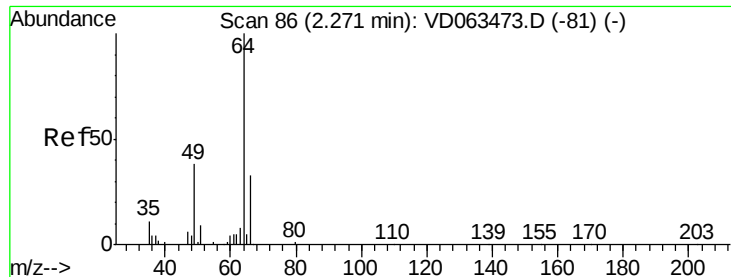
Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



Time-->





#6

Chloroethane

Concen: 4.523 ug/l

RT: 2.23 min Scan# 82

Delta R.T. -0.04 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

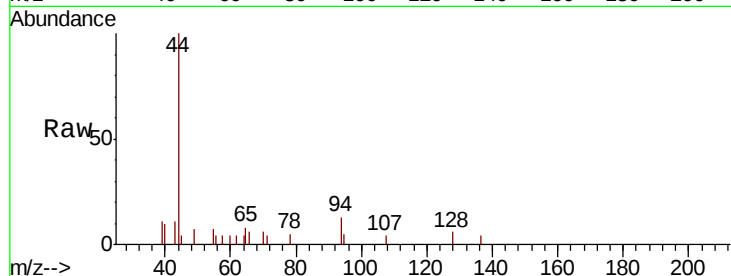
T6-E3-(0)RE

Tgt Ion: 64 Resp: 188

Ion Ratio Lower Upper

64 100

66 55.3 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

800

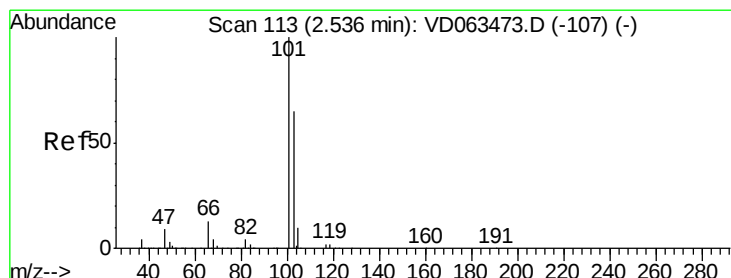
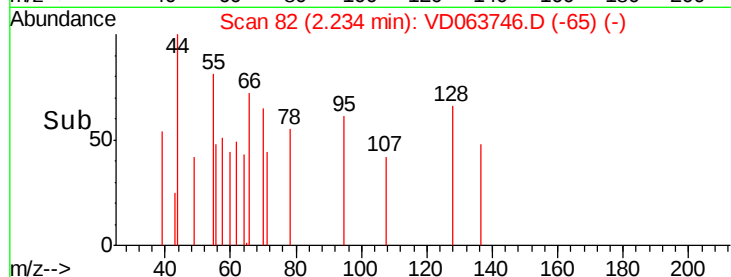
600

400

200

0

Time--> 2.20 2.22 2.24 2.26



#7

Trichlorofluoromethane

Concen: 1.559 ug/l

RT: 2.39 min Scan# 98

Delta R.T. -0.14 min

Lab File: VD063746.D

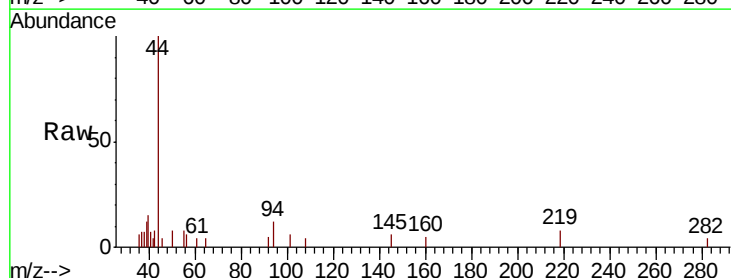
Acq: 22 Aug 2019 21:06

Tgt Ion: 101 Resp: 278

Ion Ratio Lower Upper

101 100

103 0.0 52.2 78.4#



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V

500

400

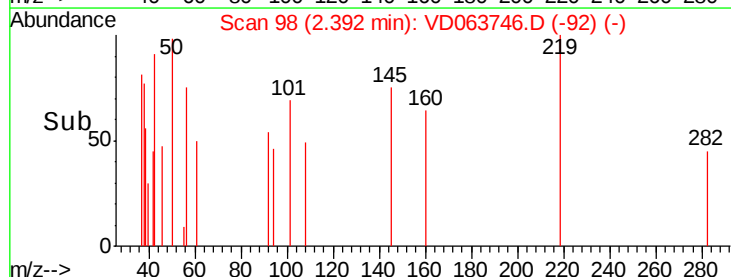
300

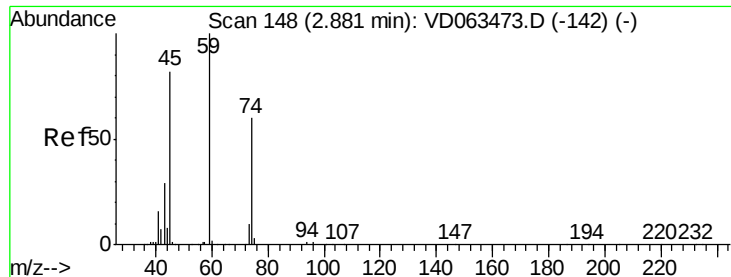
200

100

0

Time--> 2.36 2.38 2.40 2.42





#8

Diethyl Ether

Concen: 7.826 ug/l

RT: 2.78 min Scan# 137

Delta R.T. -0.11 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

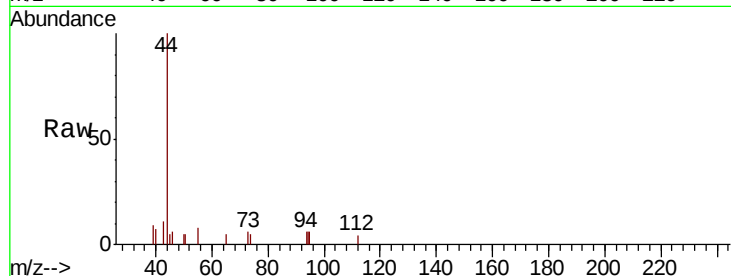
T6-E3-(0)RE

Tgt Ion: 74 Resp: 197

Ion Ratio Lower Upper

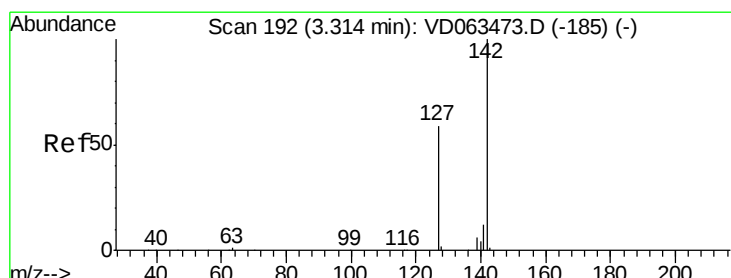
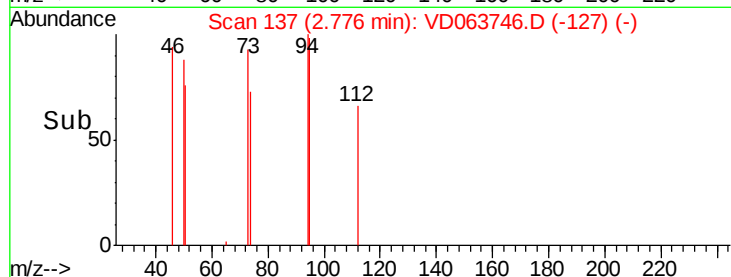
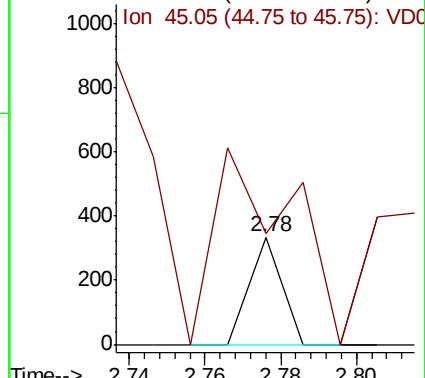
74 100

45 103.9 68.5 205.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 2.155 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.02 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

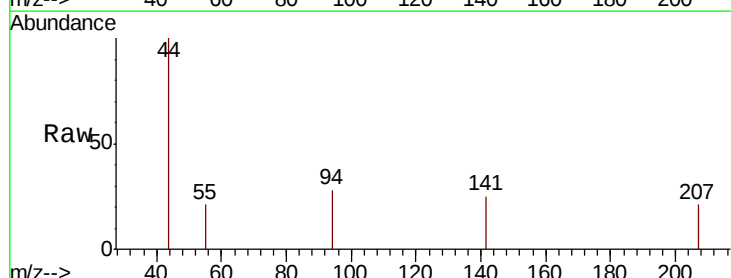
Tgt Ion: 142 Resp: 321

Ion Ratio Lower Upper

142 100

127 0.0 47.2 70.8#

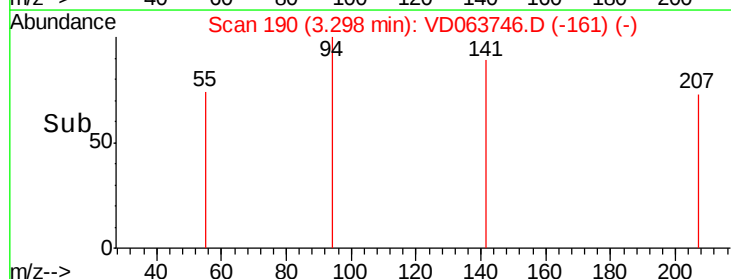
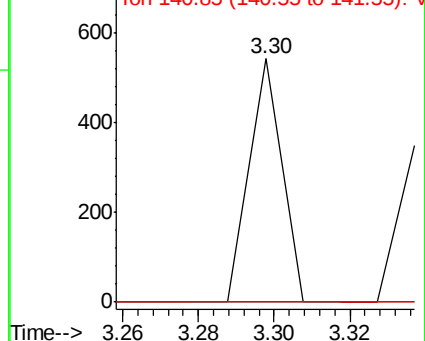
141 0.0 9.8 14.8#

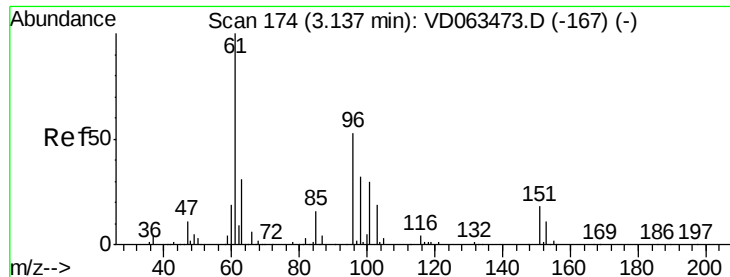


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#12

1,1-Dichloroethene

Concen: 2.300 ug/l

RT: 3.07 min Scan# 167

Delta R.T. -0.07 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

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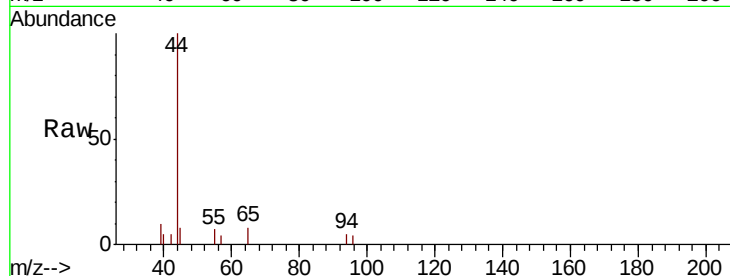
Tgt Ion: 96 Resp: 180

Ion Ratio Lower Upper

96 100

61 0.0 151.7 227.5#

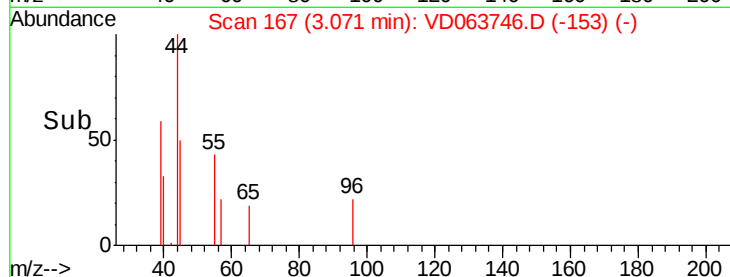
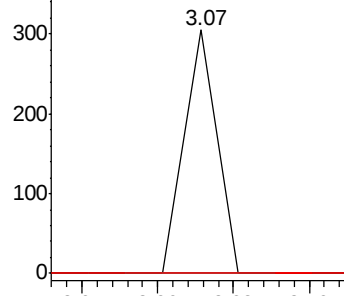
98 0.0 48.4 72.6#



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



#13

Acrolein

Concen: 80.462 ug/l

RT: 3.00 min Scan# 160

Delta R.T. -0.05 min

Lab File: VD063746.D

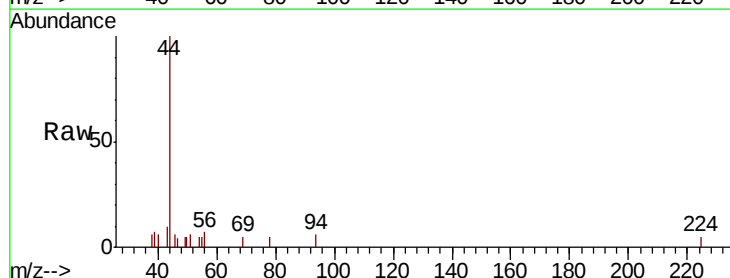
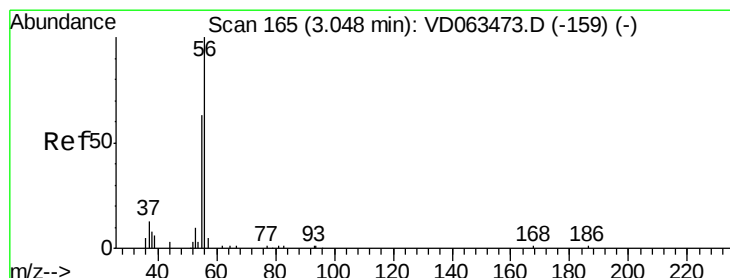
Acq: 22 Aug 2019 21:06

Tgt Ion: 56 Resp: 357

Ion Ratio Lower Upper

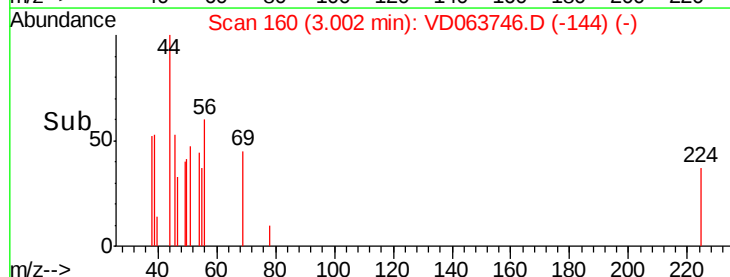
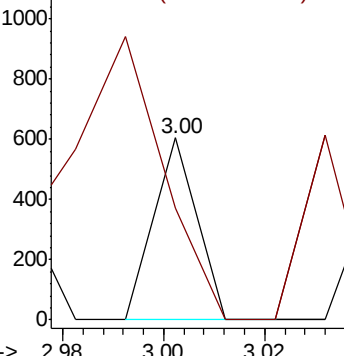
56 100

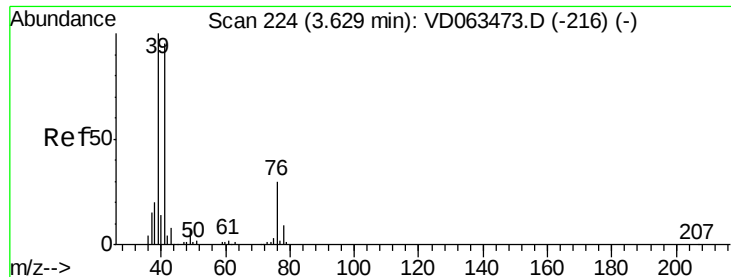
55 61.6 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

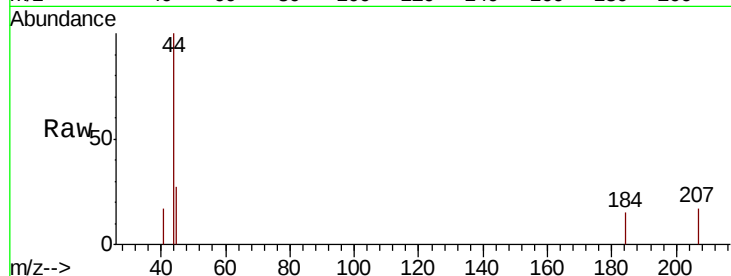




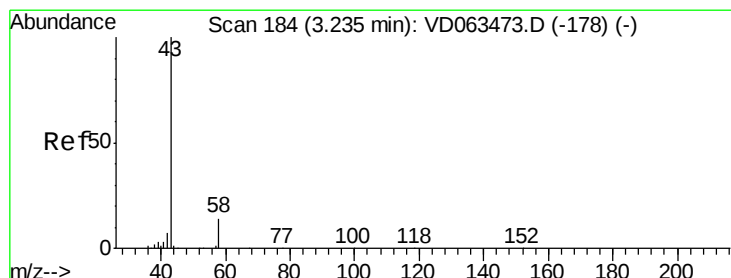
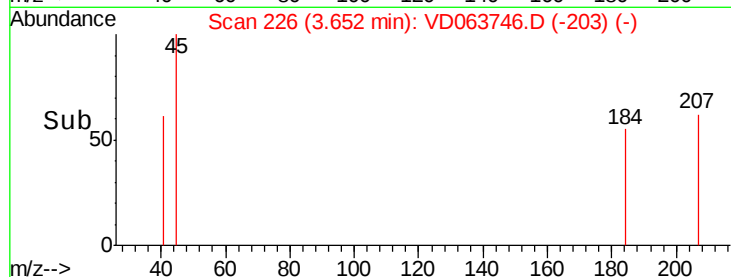
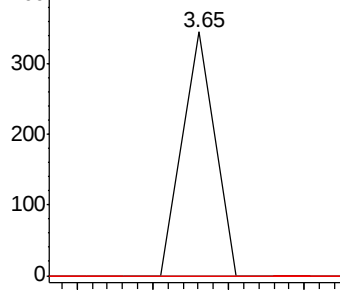
#14
 Allyl chloride
 Concen: 1.734 ug/l
 RT: 3.65 min Scan# 226
 Delta R.T. 0.02 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3-(0)RE

Tgt Ion: 41 Resp: 204
 Ion Ratio Lower Upper
 41 100
 39 0.0 84.2 126.4#
 76 0.0 26.0 39.0#

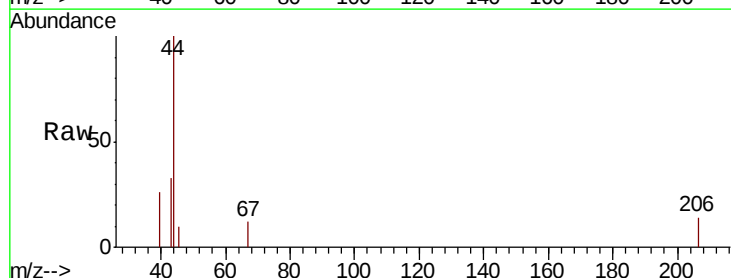


Abundance Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC
 Ion 75.95 (75.65 to 76.65): VDC

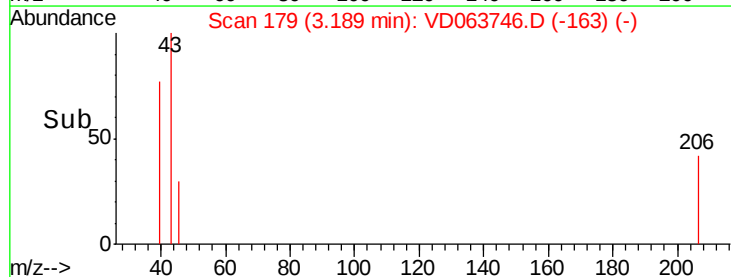
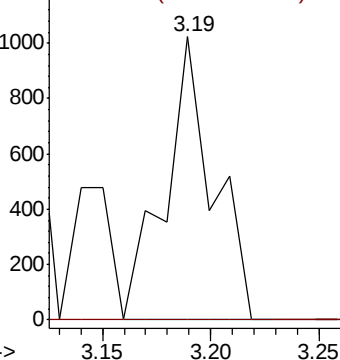


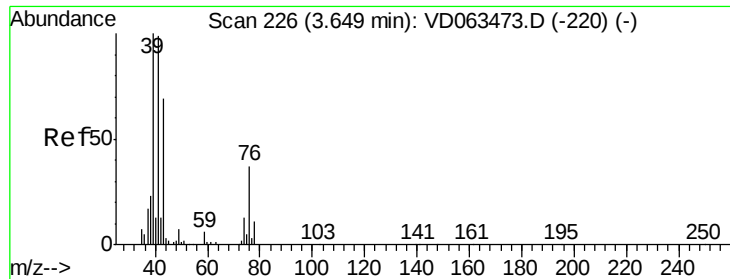
#16
 Acetone
 Concen: 75.301 ug/l
 RT: 3.19 min Scan# 179
 Delta R.T. -0.05 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

Tgt Ion: 43 Resp: 1585
 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

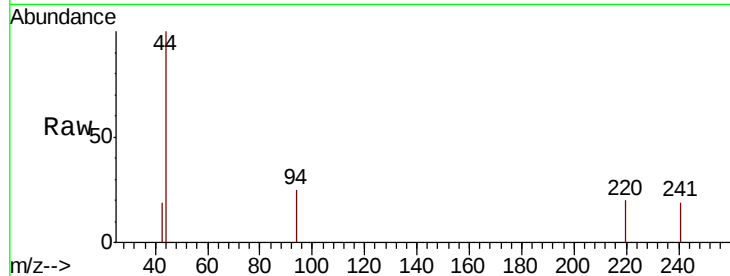




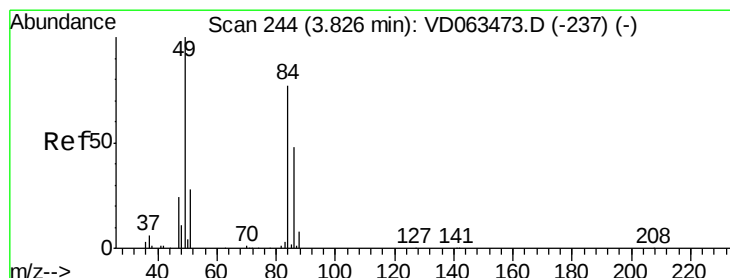
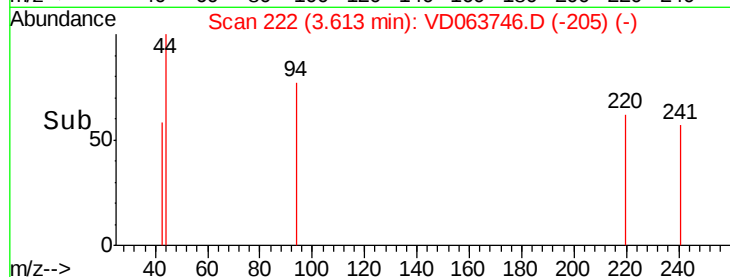
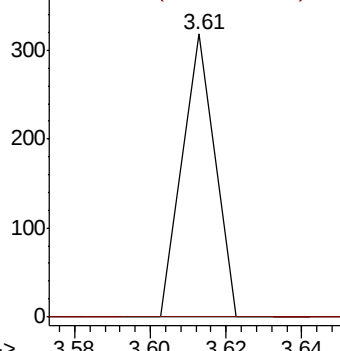
#18
Methyl Acetate
Concen: 4.715 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.04 min
Lab File: VD063746.D
Acq: 22 Aug 2019 21:06

Instrument :
MSVOA_D
ClientSampleId :
T6-E3-(0)RE

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#

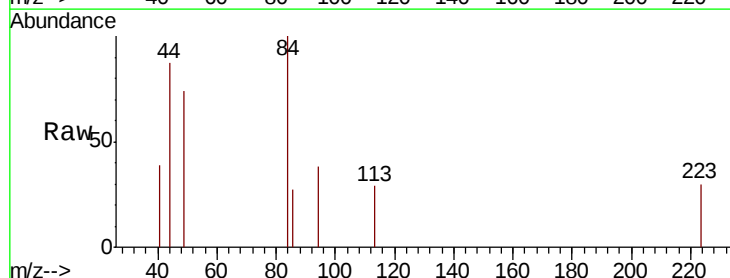


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

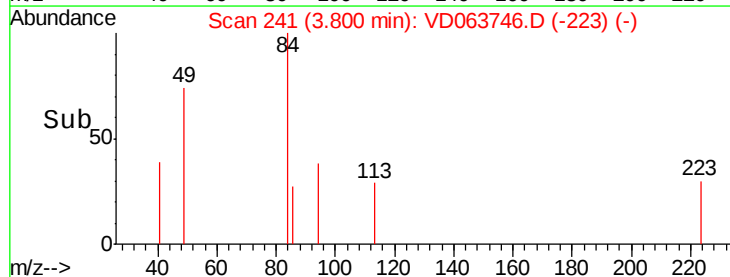
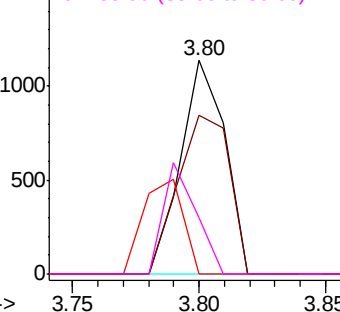


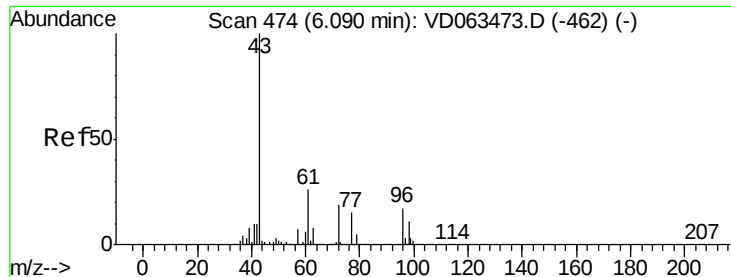
#20
Methylene Chloride
Concen: 15.261 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063746.D
Acq: 22 Aug 2019 21:06

Tgt Ion: 84 Resp: 1389
Ion Ratio Lower Upper
84 100
49 74.4 103.4 155.2#
51 0.0 28.5 42.7#
86 26.5 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





#25

2-Butanone

Concen: 11.208 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

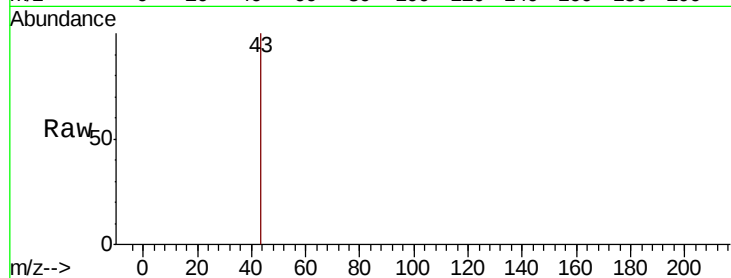
T6-E3-(0)RE

Tgt Ion: 43 Resp: 233

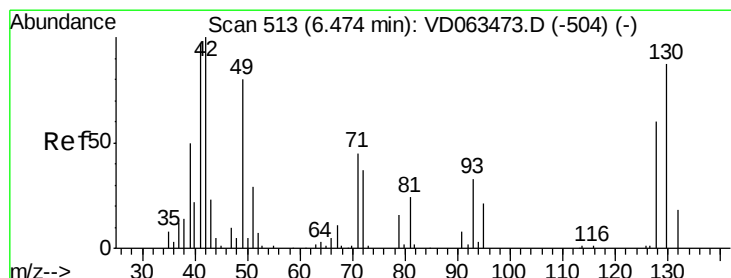
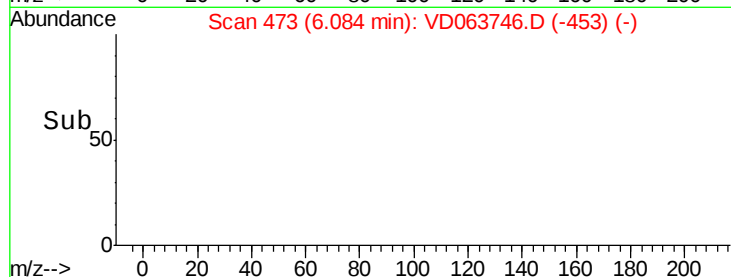
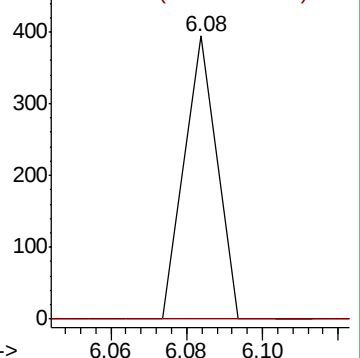
Ion Ratio Lower Upper

43 100

72 0.0 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC



#29

Tetrahydrofuran

Concen: 20.853 ug/l

RT: 6.73 min Scan# 539

Delta R.T. 0.26 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

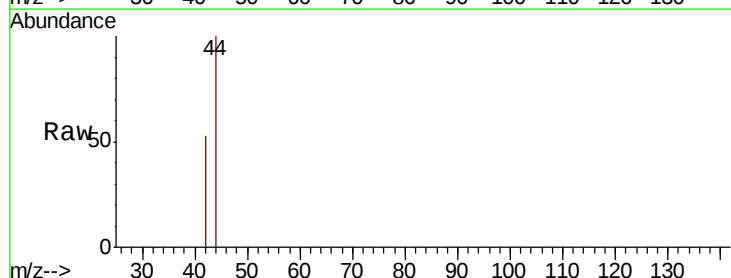
Tgt Ion: 42 Resp: 202

Ion Ratio Lower Upper

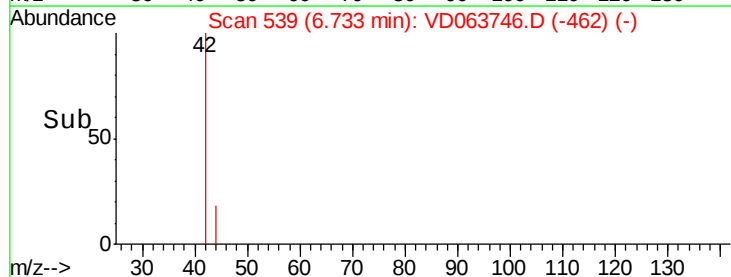
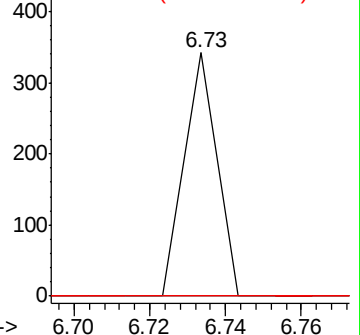
42 100

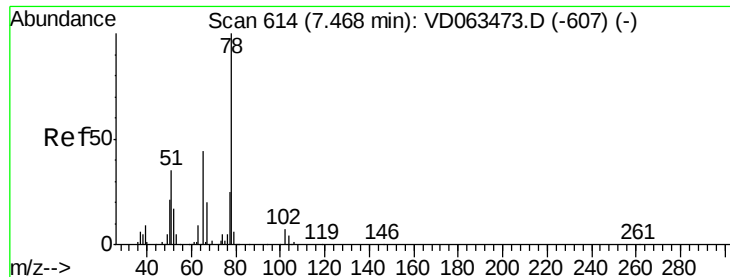
72 0.0 31.5 47.3#

71 0.0 33.8 50.8#



Abundance Ion 42.00 (41.70 to 42.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 212.503 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.04 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

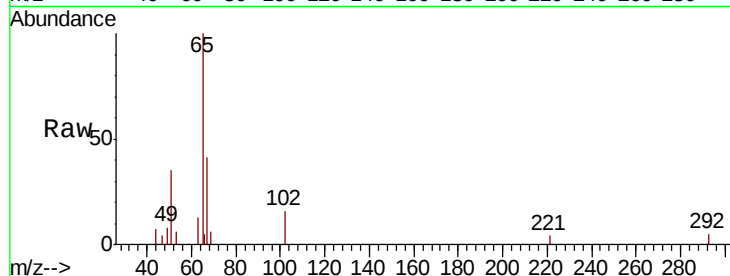
T6-E3-(0)RE

Tgt Ion: 65 Resp: 22004

Ion Ratio Lower Upper

65 100

67 41.0 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

8000

6000

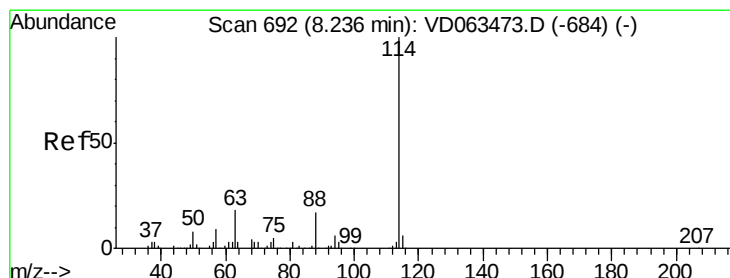
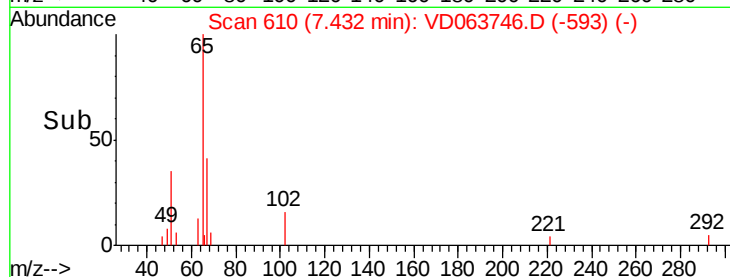
4000

2000

0

7.40 7.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

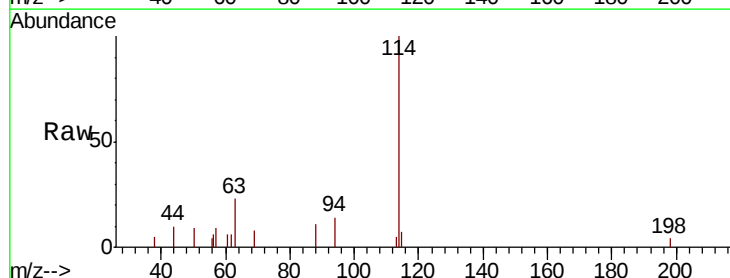
Tgt Ion: 114 Resp: 18079

Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.2

88 10.7 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

8000

6000

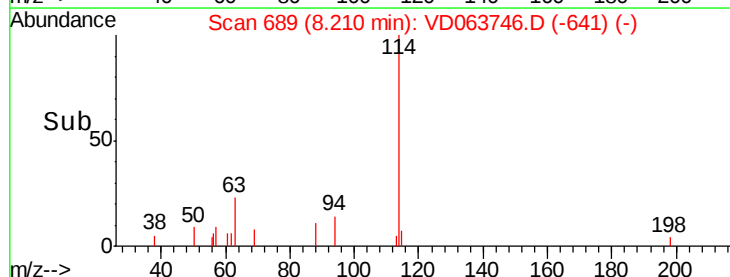
4000

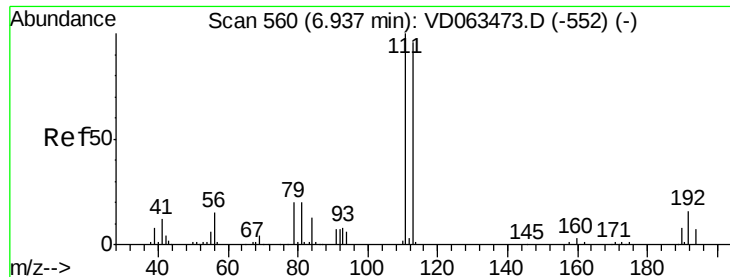
2000

0

8.10 8.20 8.30

Time-->





#35

Dibromofluoromethane

Concen: 105.410 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

T6-E3-(0)RE

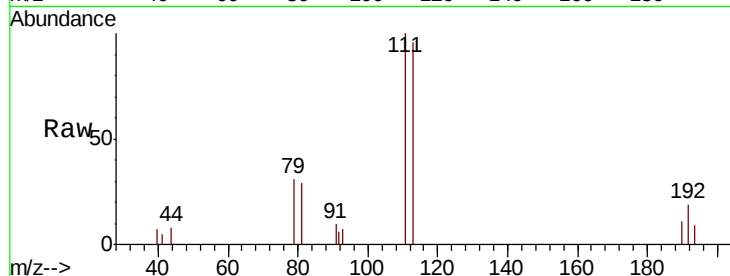
Tgt Ion:113 Resp: 16050

Ion Ratio Lower Upper

113 100

111 103.7 83.1 124.7

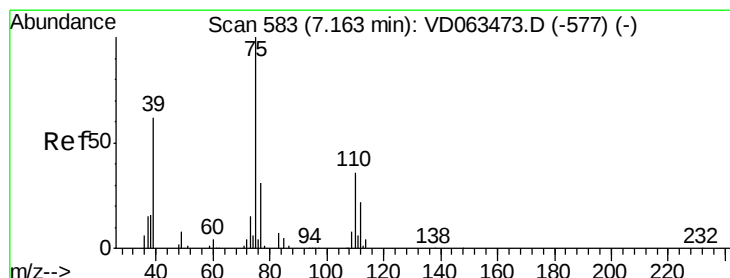
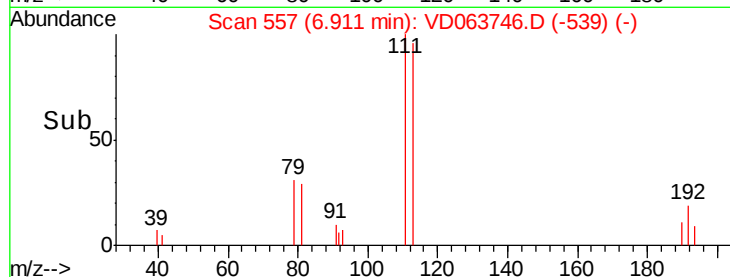
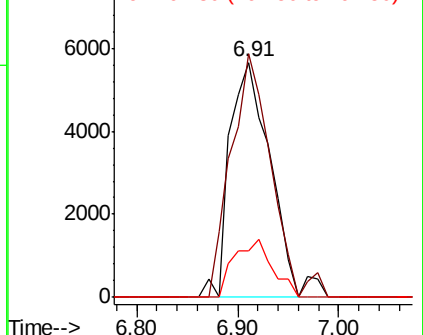
192 19.7 13.1 19.7#



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: 1.508 ug/l

RT: 7.21 min Scan# 587

Delta R.T. 0.04 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

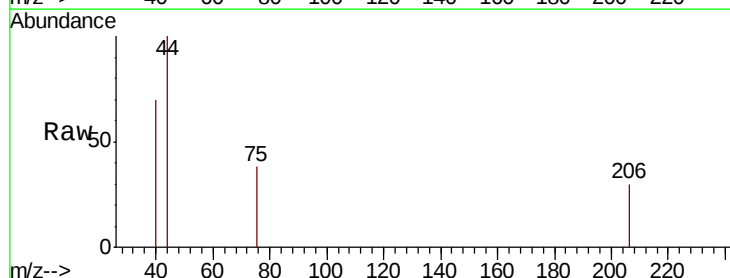
Tgt Ion: 75 Resp: 241

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

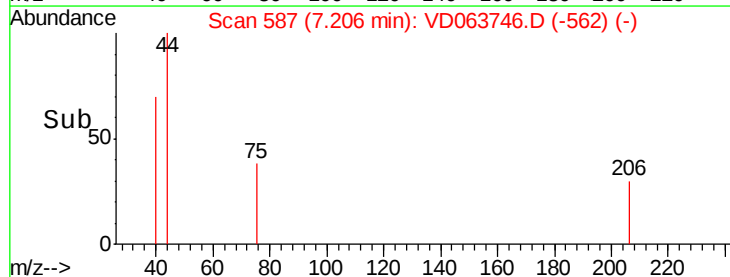
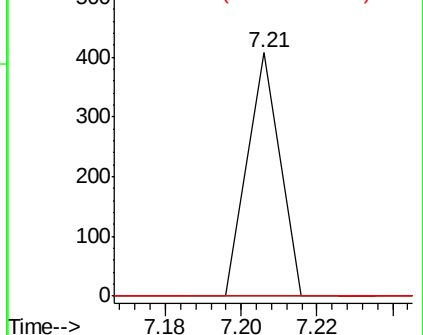
77 0.0 24.3 36.5#

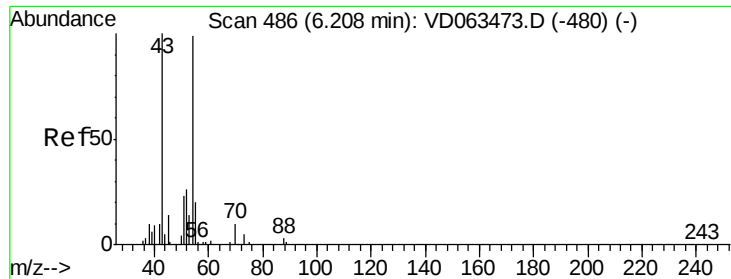


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

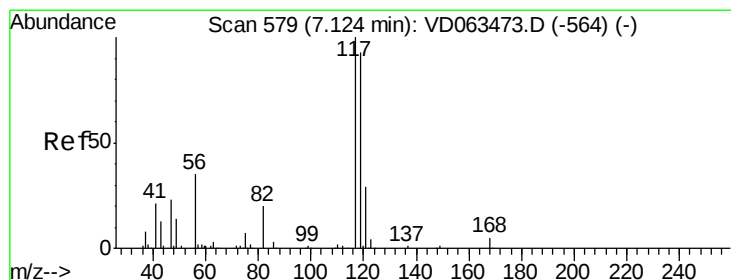
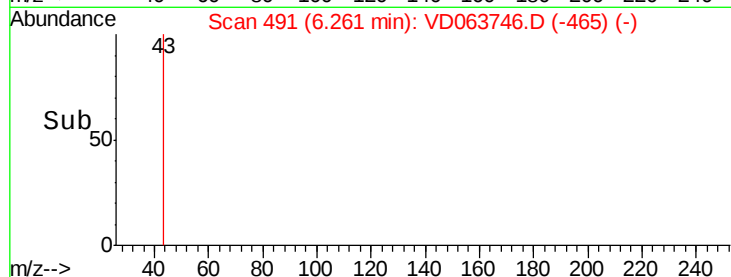
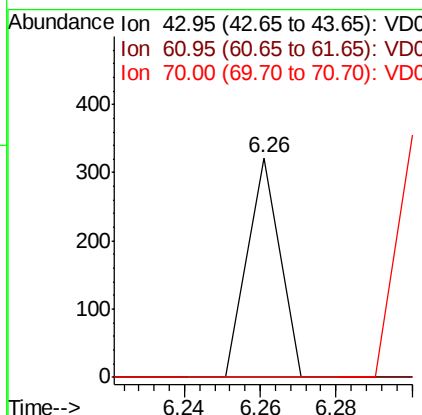
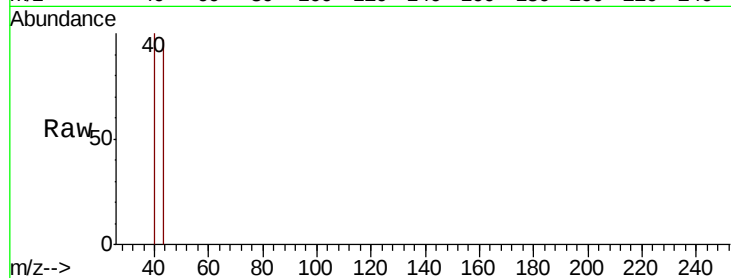




#37
 Ethyl Acetate
 Concen: 2.837 ug/l
 RT: 6.26 min Scan# 491
 Delta R.T. 0.05 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

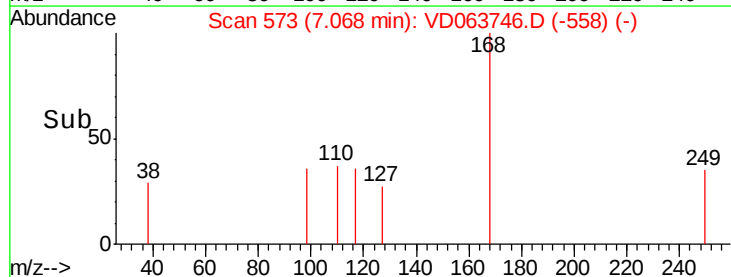
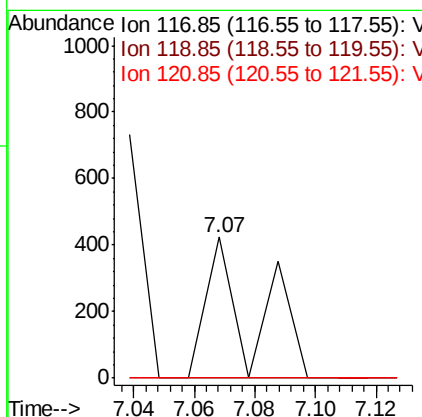
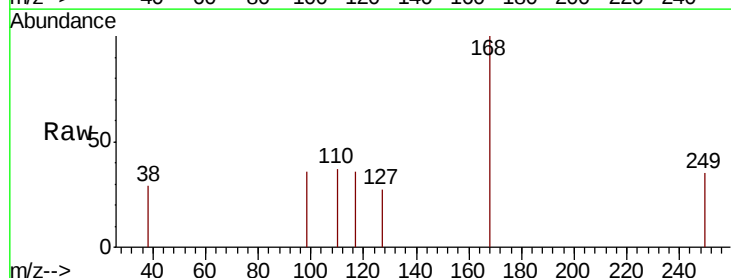
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3-(0)RE

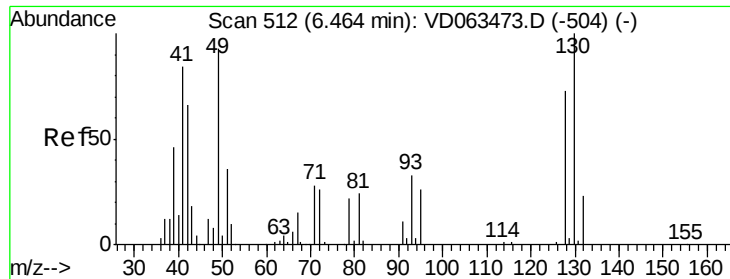
Tgt Ion: 43 Resp: 190
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.0 13.6#
 70 0.0 6.9 10.3#



#38
 Carbon Tetrachloride
 Concen: 1.901 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

Tgt Ion: 117 Resp: 458
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.2 111.2#
 121 0.0 23.1 34.7#





#41

Methacrylonitrile

Concen: 7.697 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.00 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

T6-E3-(0)RE

Tgt Ion: 41 Resp: 649

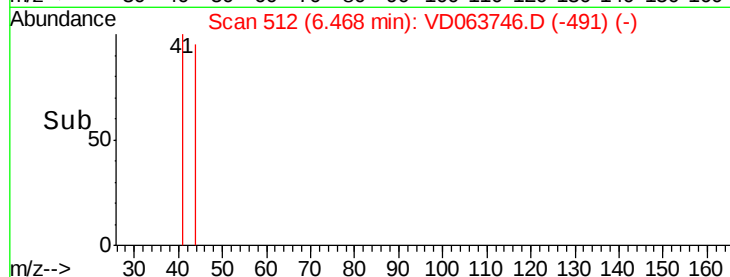
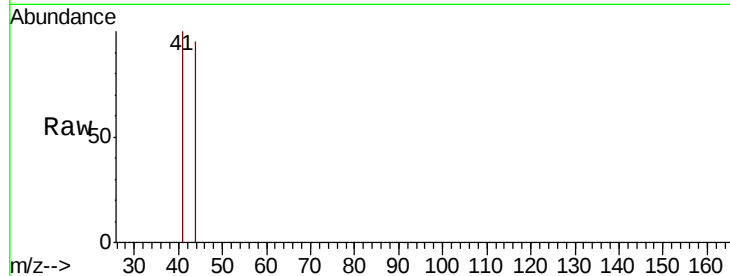
Ion Ratio Lower Upper

41 100

39 0.0 44.6 66.8#

67 0.0 14.4 21.6#

52 0.0 9.3 13.9#

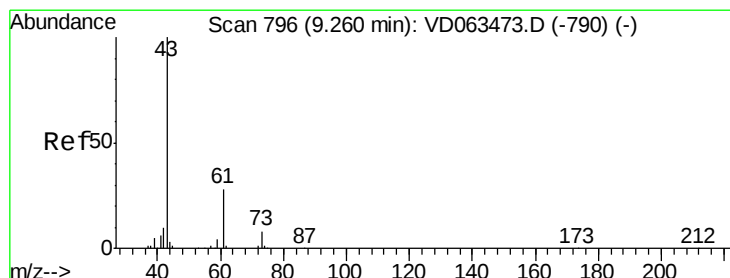
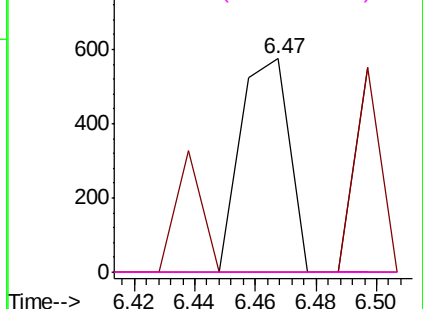


Abundance Ion 40.95 (40.65 to 41.65): VDC

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



#43

Isopropyl Acetate

Concen: 3.010 ug/l

RT: 9.02 min Scan# 771

Delta R.T. -0.24 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

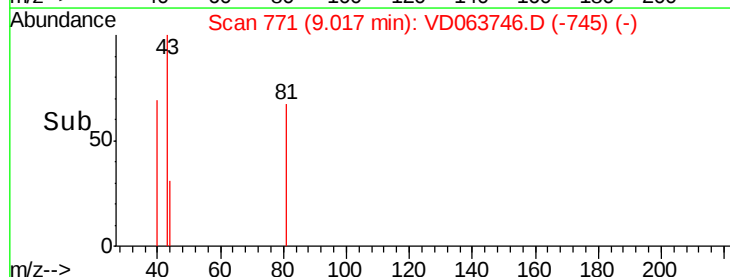
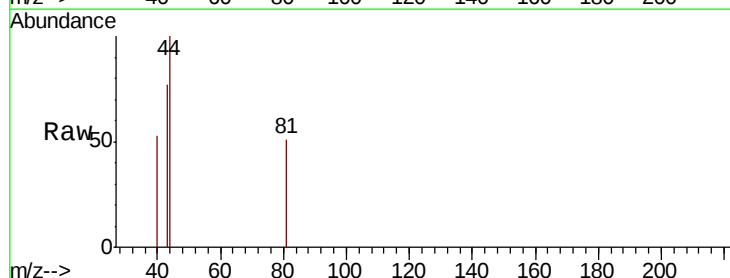
Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.2#

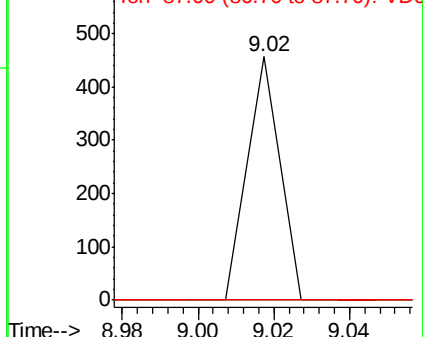
87 0.0 0.2 0.4#

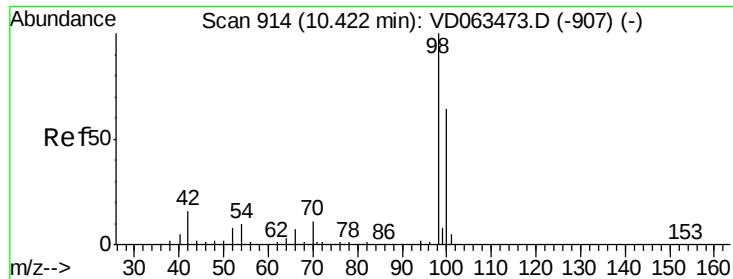


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

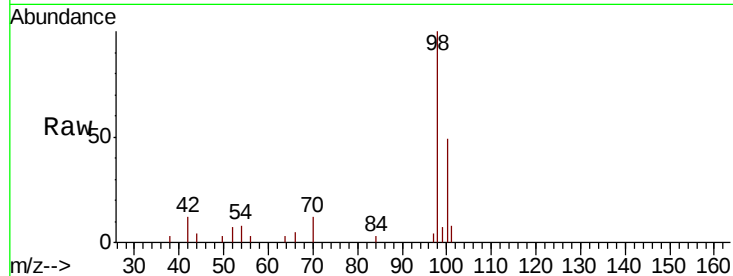




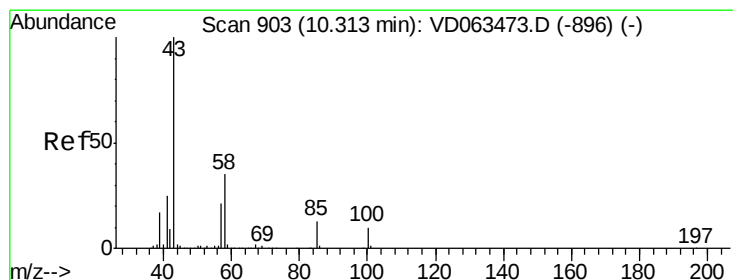
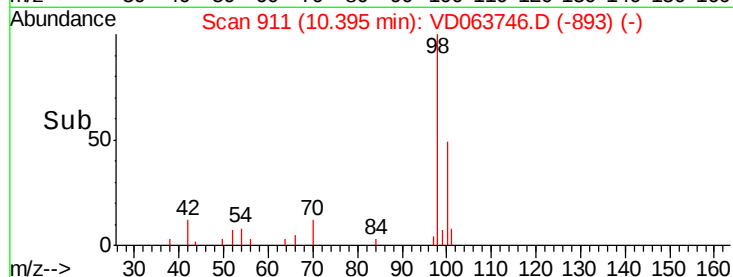
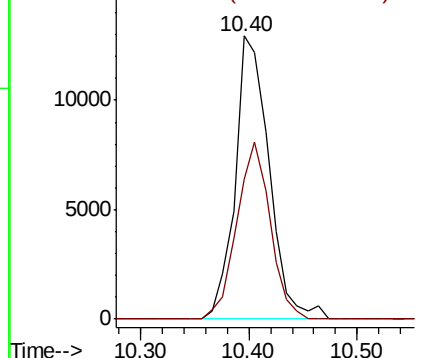
#50
Toluene-d8
Concen: 84.339 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063746.D
Acq: 22 Aug 2019 21:06

Instrument :
MSVOA_D
ClientSampleId :
T6-E3-(0)RE

Tgt Ion: 98 Resp: 28233
Ion Ratio Lower Upper
98 100
100 49.3 51.7 77.5#

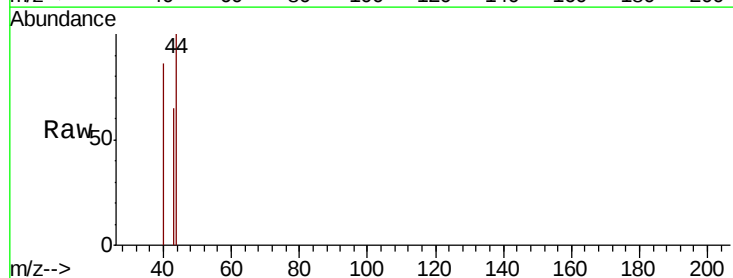


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

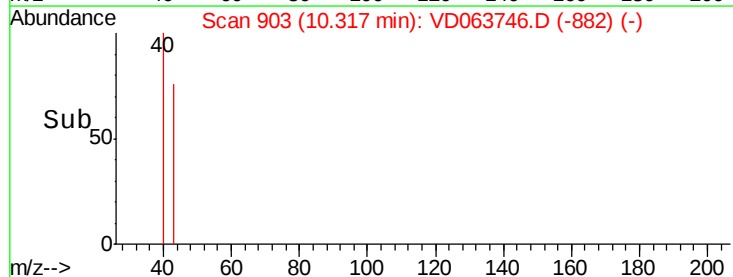
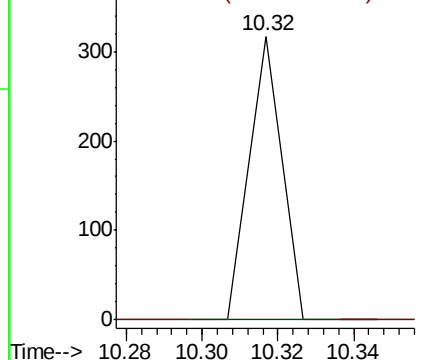


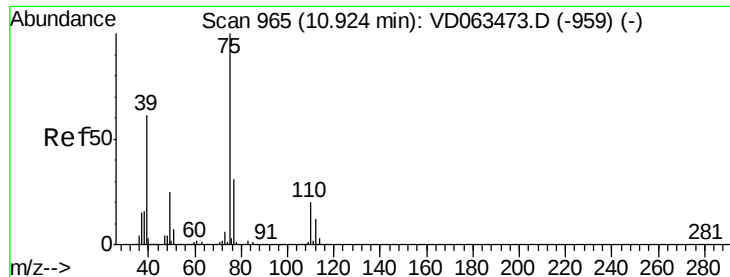
#51
4-Methyl-2-Pentanone
Concen: 3.047 ug/l
RT: 10.32 min Scan# 903
Delta R.T. 0.00 min
Lab File: VD063746.D
Acq: 22 Aug 2019 21:06

Tgt Ion: 43 Resp: 187
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





#53

t-1,3-Dichloropropene

Concen: 1.345 ug/l

RT: 10.89 min Scan# 961

Delta R.T. -0.04 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

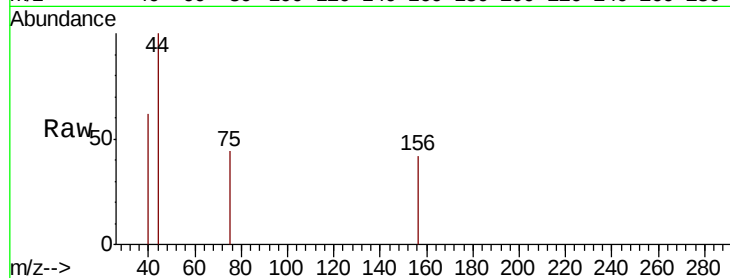
T6-E3-(0)RE

Tgt Ion: 75 Resp: 197

Ion Ratio Lower Upper

75 100

77 0.0 24.5 36.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.89

300

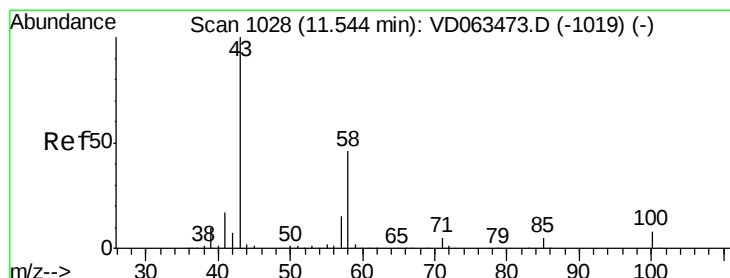
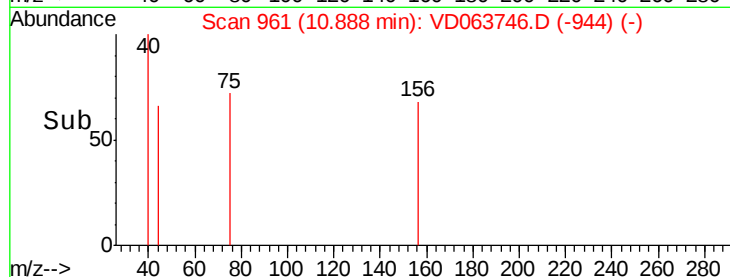
200

100

0

10.86 10.88 10.90 10.92

Time-->



#59

2-Hexanone

Concen: 4.098 ug/l

RT: 11.48 min Scan# 1021

Delta R.T. -0.07 min

Lab File: VD063746.D

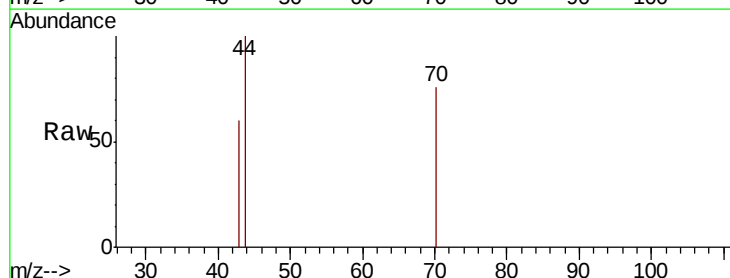
Acq: 22 Aug 2019 21:06

Tgt Ion: 43 Resp: 183

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

11.48

300

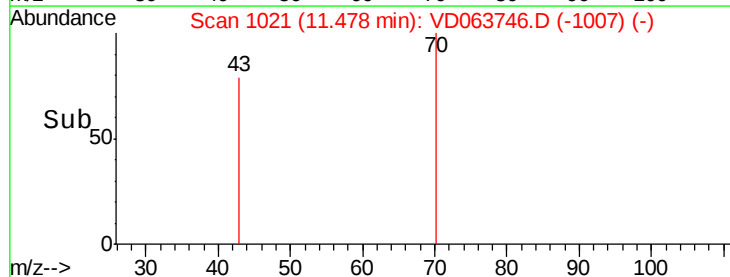
200

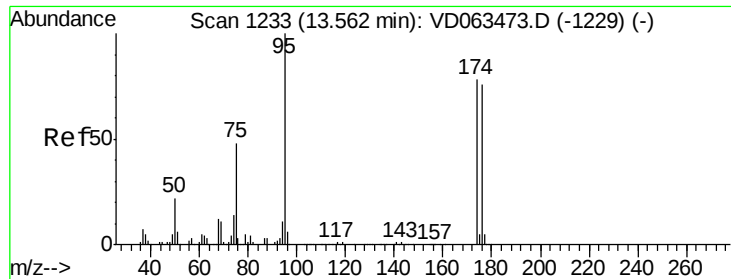
100

0

11.44 11.46 11.48 11.50

Time-->





#62

4-Bromofluorobenzene

Concen: 78.082 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

T6-E3-(0)RE

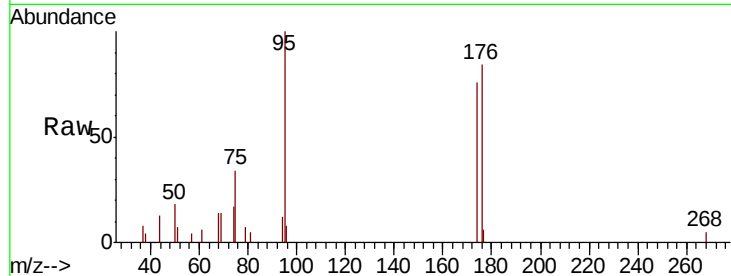
Tgt Ion: 95 Resp: 11847

Ion Ratio Lower Upper

95 100

174 76.0 0.0 155.4

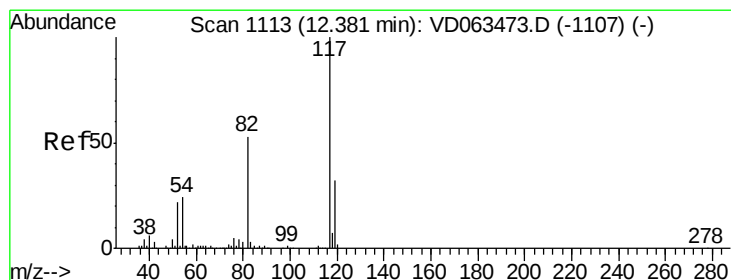
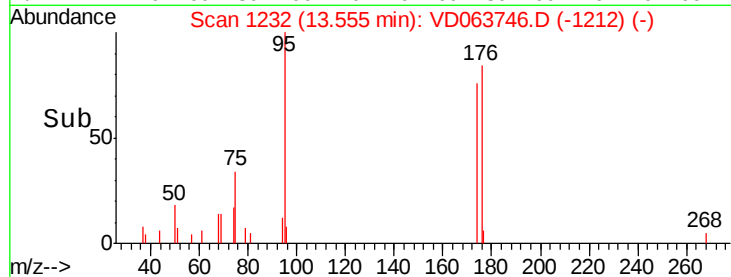
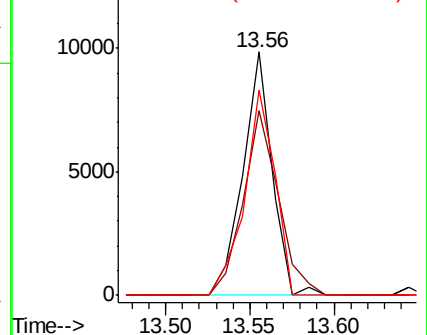
176 84.5 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

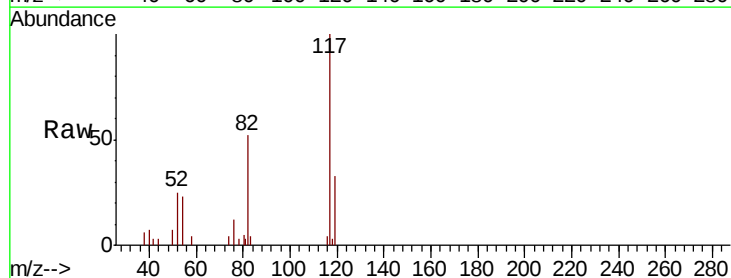
Tgt Ion: 117 Resp: 19404

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

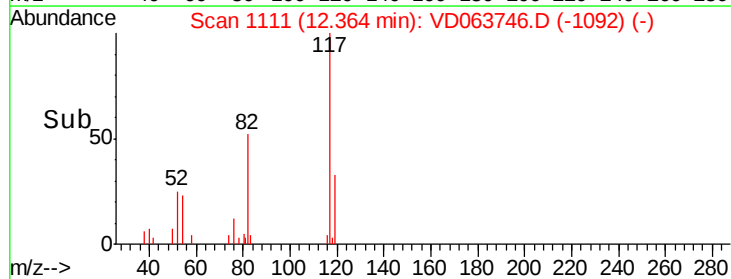
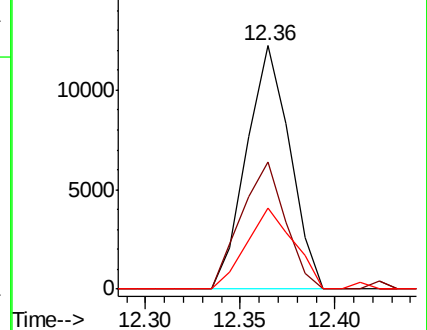
119 33.2 25.4 38.0

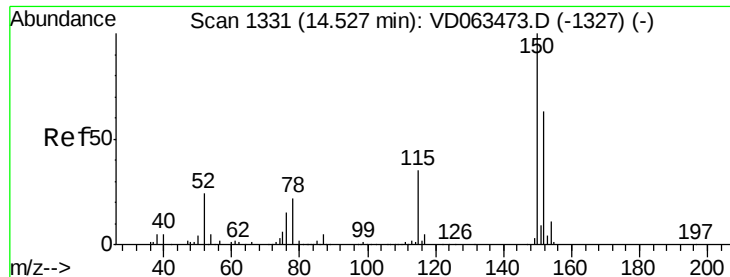


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

T6-E3-(0)RE

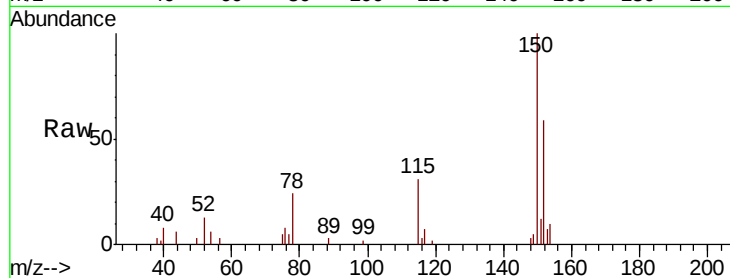
Tgt Ion:152 Resp: 9809

Ion Ratio Lower Upper

152 100

115 53.3 30.9 92.7

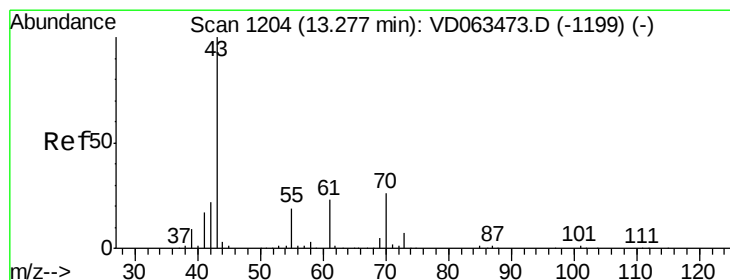
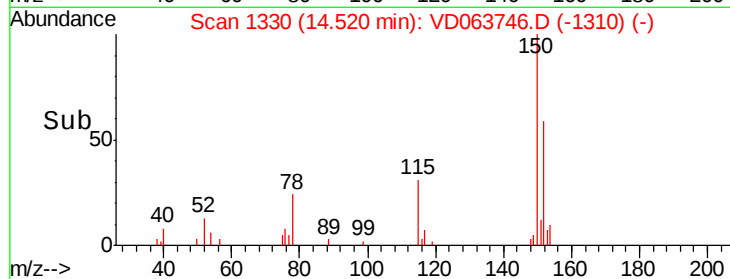
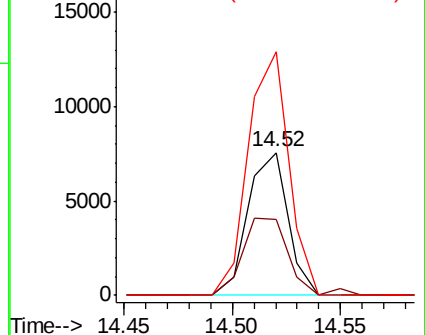
150 170.8 0.0 318.6



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-ethyl acetate

Concen: 1.264 ug/l

RT: 13.29 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Tgt Ion: 43 Resp: 198

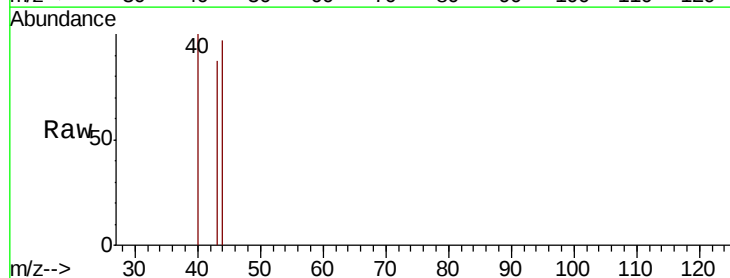
Ion Ratio Lower Upper

43 100

70 0.0 21.1 31.7#

55 0.0 15.4 23.0#

61 0.0 18.2 27.2#

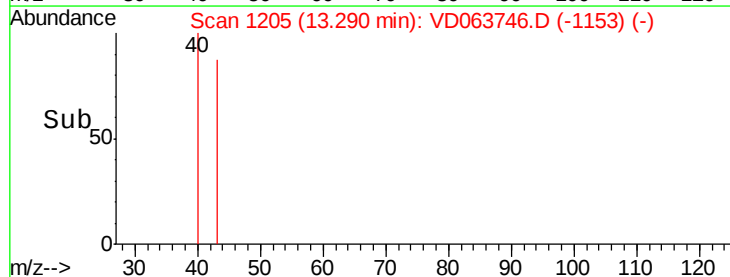
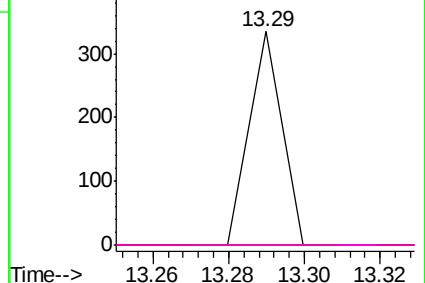


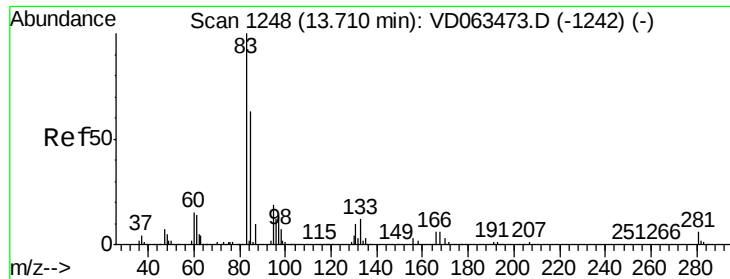
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.941 ug/l

RT: 13.81 min Scan# 1258

Delta R.T. 0.10 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

T6-E3-(0)RE

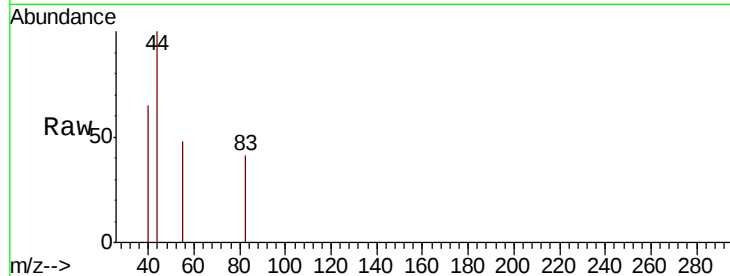
Tgt Ion: 83 Resp: 201

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

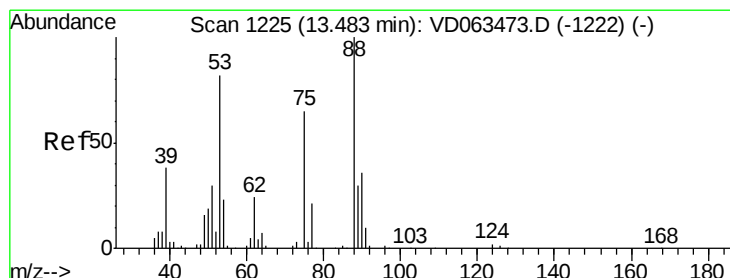
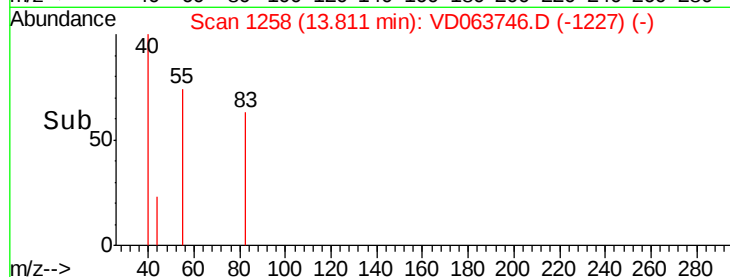
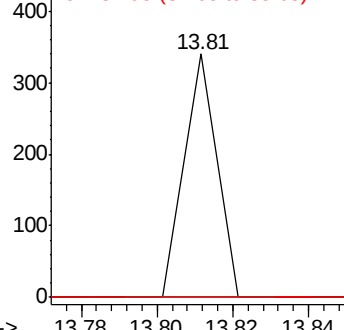
85 0.0 31.4 94.3#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 174.934 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD063746.D

Acq: 22 Aug 2019 21:06

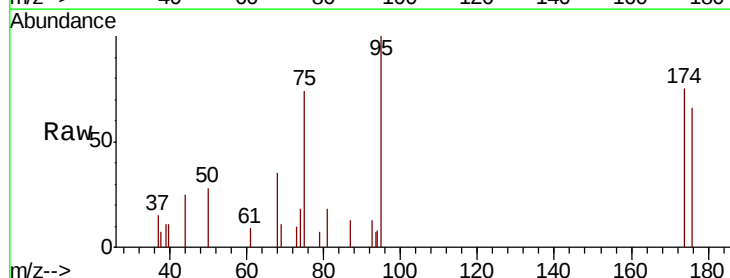
Tgt Ion: 75 Resp: 5293

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

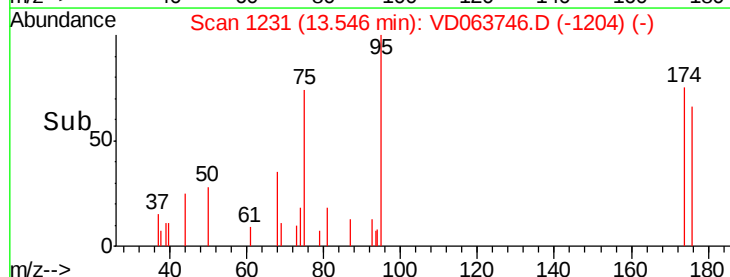
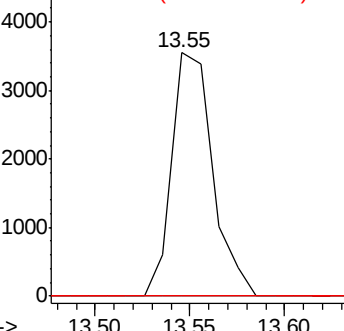
89 0.0 37.0 55.6#

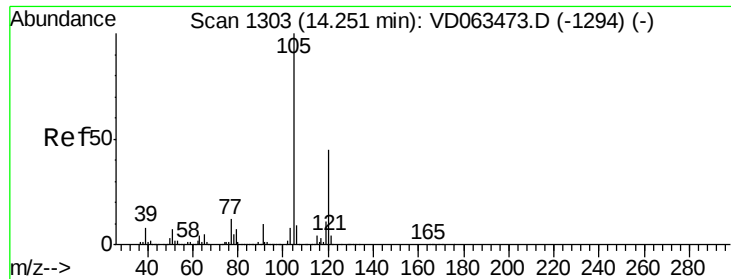


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

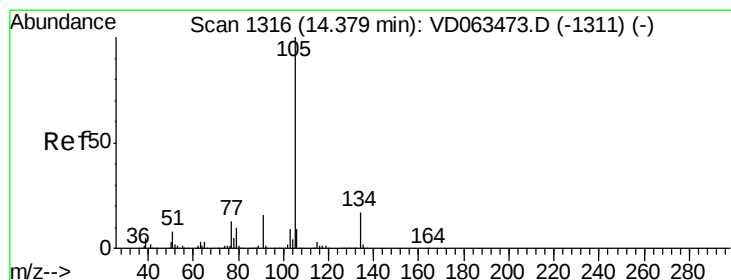
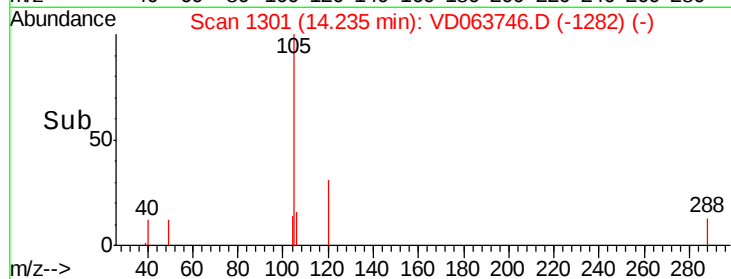
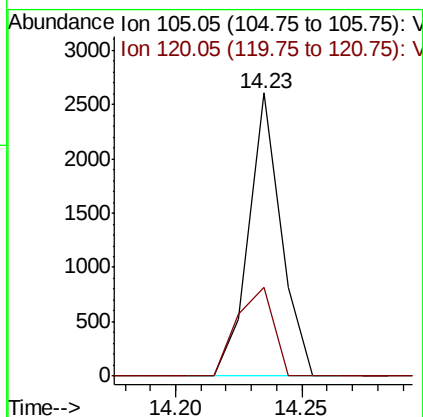
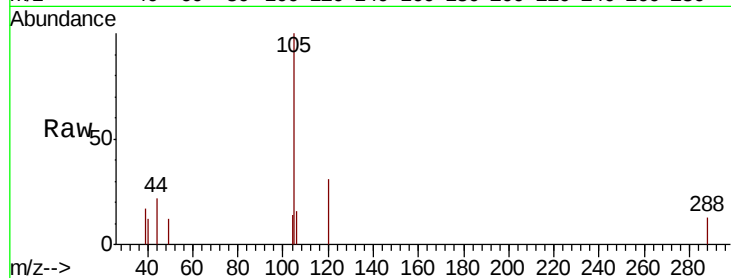




#84
 1,2,4-Trimethylbenzene
 Concen: 4.615 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

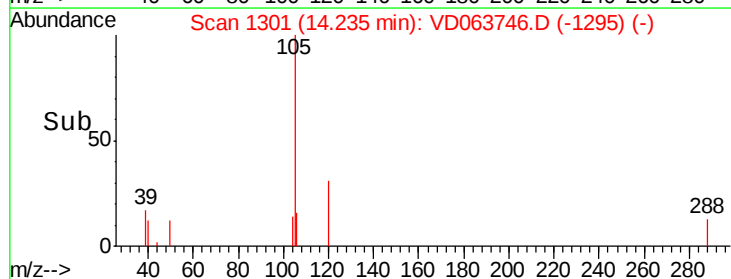
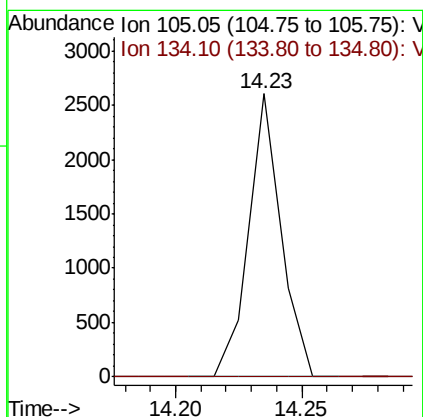
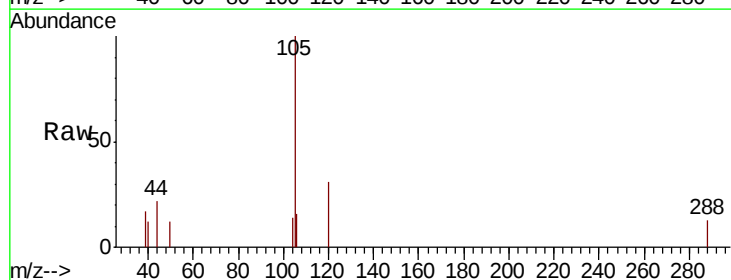
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3-(0)RE

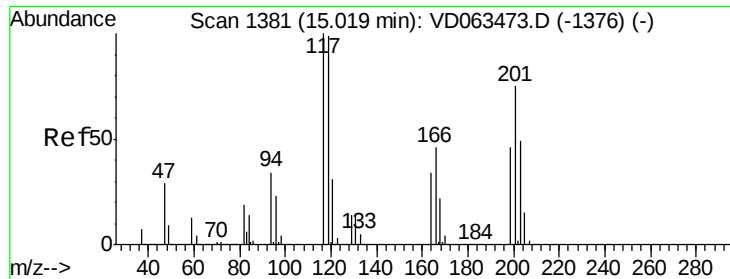
Tgt Ion:105 Resp: 2328
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 3.819 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.14 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

Tgt Ion:105 Resp: 2328
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.3 24.8#

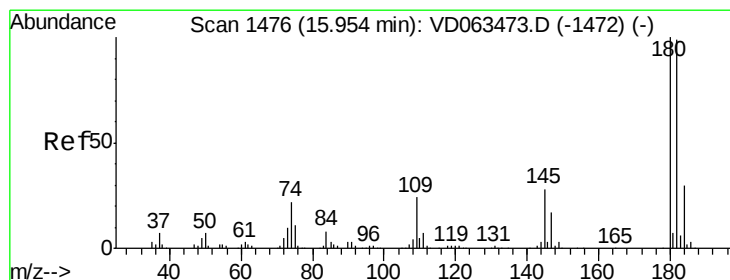
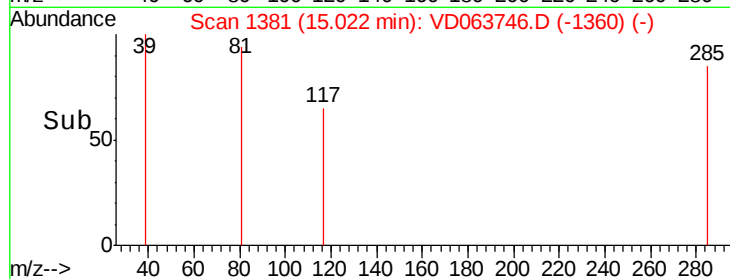
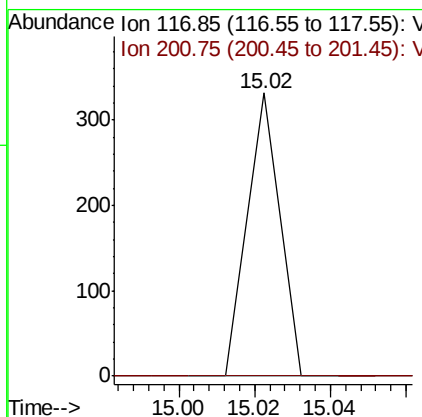
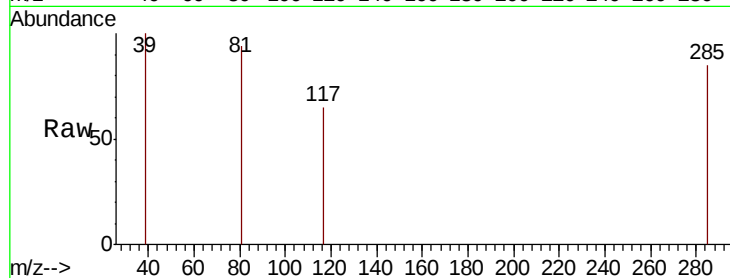




#90
 Hexachloroethane
 Concen: 1.338 ug/l
 RT: 15.02 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

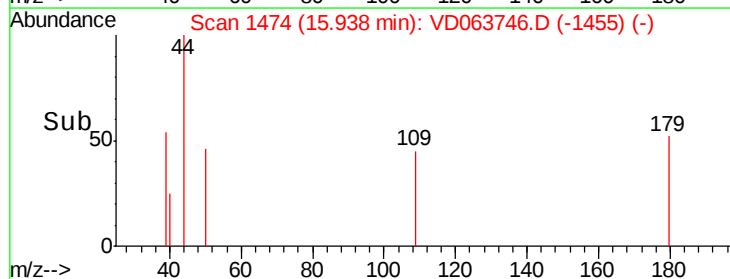
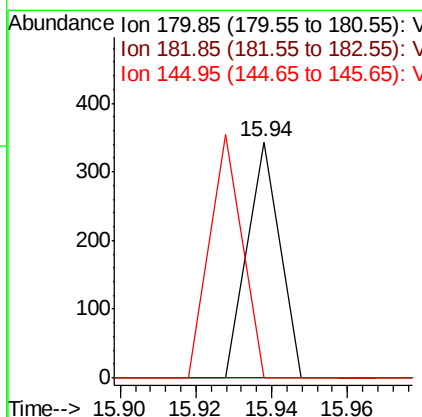
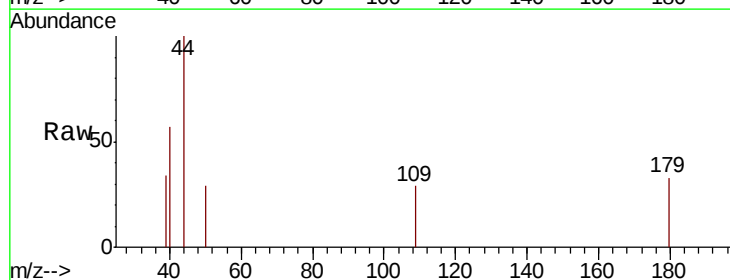
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3-(0)RE

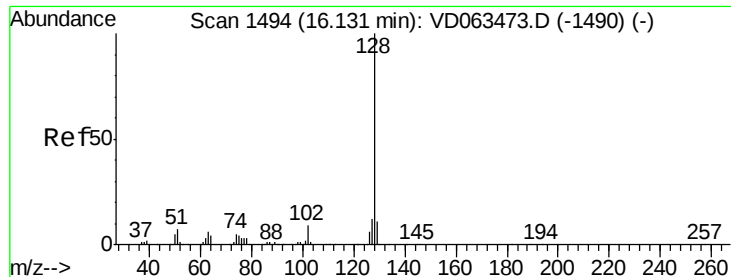
Tgt Ion:117 Resp: 196
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.5 112.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.054 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: VD063746.D
 Acq: 22 Aug 2019 21:06

Tgt Ion:180 Resp: 203
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.7 149.1#
 145 0.0 14.1 42.2#

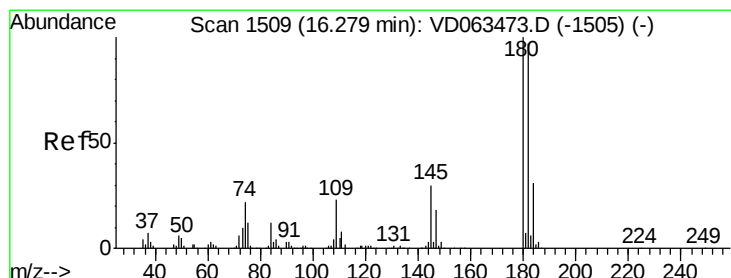
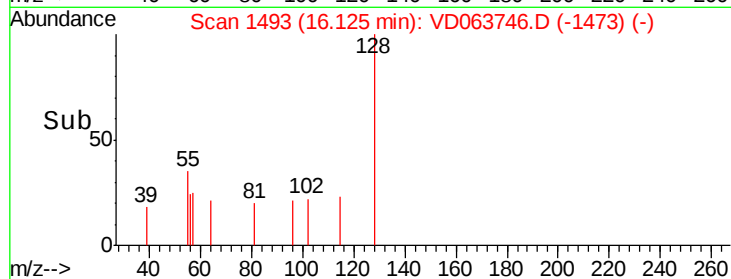
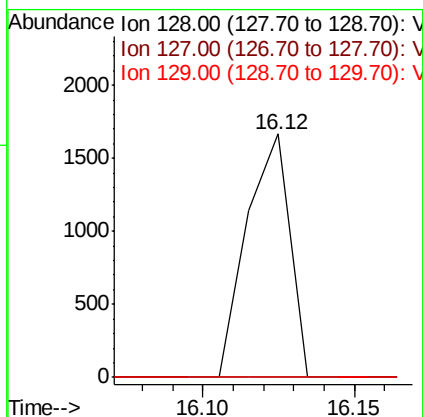
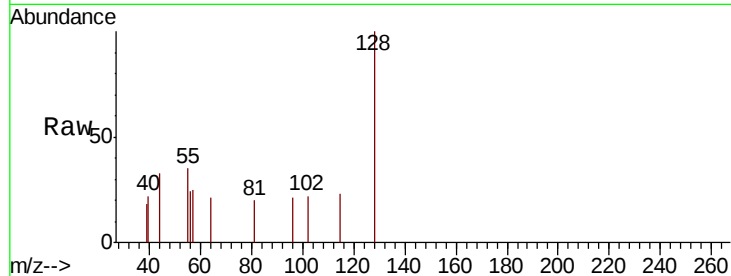




#95
Naphthalene
Concen: 5.685 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD063746.D
Acq: 22 Aug 2019 21:06

Instrument :
MSVOA_D
ClientSampleId :
T6-E3-(0)RE

Tgt Ion:128 Resp: 1659
Ion Ratio Lower Upper
128 100
127 0.0 9.4 14.0#
129 0.0 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.350 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.02 min
Lab File: VD063746.D
Acq: 22 Aug 2019 21:06

Tgt Ion:180 Resp: 210
Ion Ratio Lower Upper
180 100
182 0.0 48.4 145.2#
145 0.0 14.9 44.9#

