

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
 Data File : VD063711.D
 Acq On : 21 Aug 2019 14:25
 Operator : JC/SY
 Sample : K4421-06
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-5-9.2-9.7

Quant Time: Aug 22 01:26:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	24720	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	49436	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	51111	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	24119	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	50707	191.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	383.80%	
35) Dibromofluoromethane	6.91	113	37452	89.95	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	179.90%	
50) Toluene-d8	10.41	98	49684	54.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.56%	
62) 4-Bromofluorobenzene	13.56	95	27400	66.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.08%	

Target Compounds						Qvalue
3) Chloromethane	1.74	50	418	1.789	ug/l #	41
5) Bromomethane	2.16	94	1549	14.152	ug/l #	11
6) Chloroethane	2.21	64	182	1.716	ug/l #	1
8) Diethyl Ether	2.87	74	198	3.082	ug/l #	5
10) Methyl Iodide	3.29	142	851	2.239	ug/l #	29
12) 1,1-Dichloroethene	3.10	96	440	2.203	ug/l #	1
13) Acrolein	3.01	56	183	16.163	ug/l #	18
15) Acrylonitrile	4.20	53	246	8.074	ug/l #	11
16) Acetone	3.20	43	13200	245.744	ug/l #	91
18) Methyl Acetate	3.61	43	177	1.740	ug/l #	57
20) Methylene Chloride	3.81	84	564	2.428	ug/l #	61
21) trans-1,2-Dichloroethene	4.24	96	231	1.099	ug/l #	1
25) 2-Butanone	6.08	43	3612	68.087	ug/l #	58
27) cis-1,2-Dichloroethene	6.04	96	288	1.252	ug/l	1
29) Tetrahydrofuran	6.29	42	184	7.443	ug/l #	35
30) Chloroform	6.65	83	517	1.082	ug/l #	16
36) 1,1-Dichloropropene	7.07	75	599	1.371	ug/l #	42
37) Ethyl Acetate	6.17	43	489	2.670	ug/l #	73
38) Carbon Tetrachloride	7.03	117	2238	3.398	ug/l #	13
45) 1,2-Dichloropropane	9.01	63	385	1.719	ug/l #	47
48) Methyl methacrylate	9.00	41	214	1.287	ug/l #	18
49) 1,4-Dioxane	9.04	88	183	144.896	ug/l #	1
51) 4-Methyl-2-Pentanone	10.29	43	295	1.758	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.87	63	338	2.819	ug/l #	49
59) 2-Hexanone	11.49	43	182	1.490	ug/l #	30
79) 2-Chlorotoluene	13.95	91	1604	1.550	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.56	75	13659	183.593	ug/l #	1
82) 4-Chlorotoluene	13.95	91	1604	1.289	ug/l	92
89) n-Butylbenzene	14.80	91	1353	1.034	ug/l #	56
90) Hexachloroethane	15.04	117	419	1.163	ug/l #	12
91) 1,2-Dichlorobenzene	14.81	146	815	1.267	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	2875	6.072	ug/l #	55
95) Naphthalene	16.13	128	5934	8.270	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	1661	4.344	ug/l #	1

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SUNSET-PARK-SB-5-9.2-9.7

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

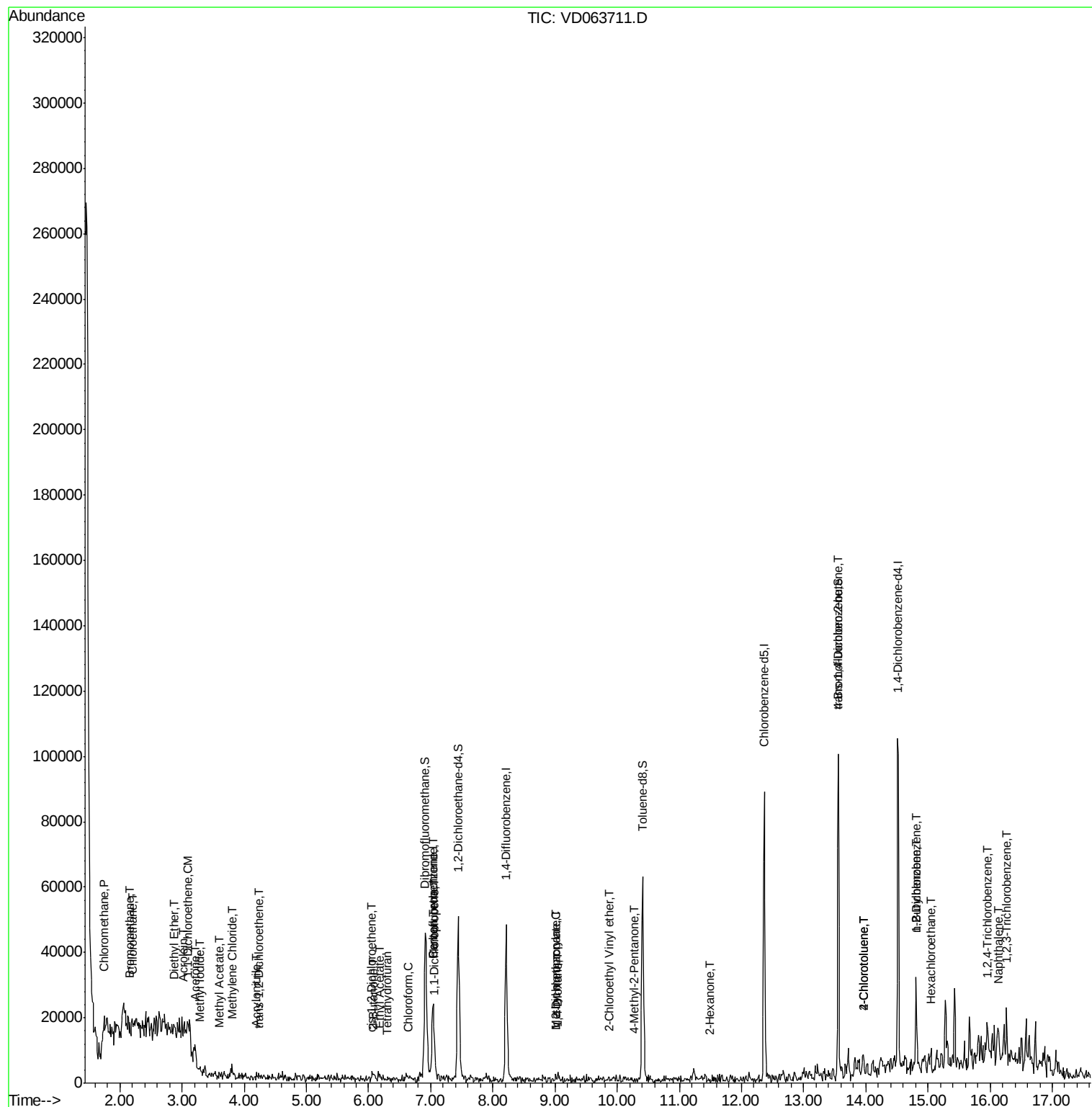
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

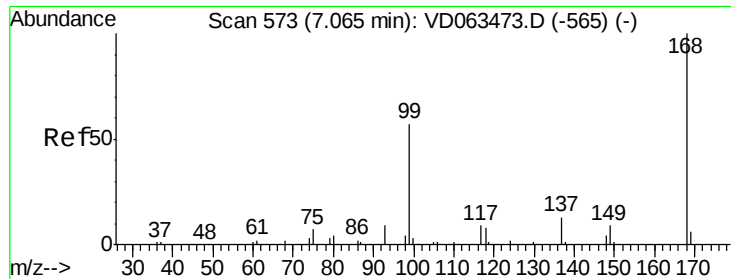
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
Data File : VD063711.D
Acq On : 21 Aug 2019 14:25
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Sample : K4421-06
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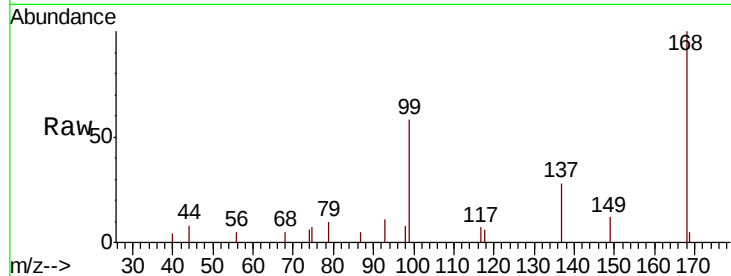




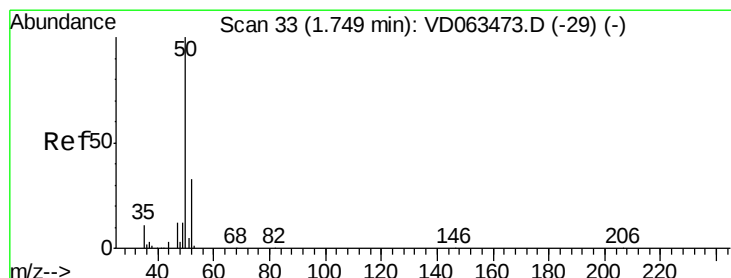
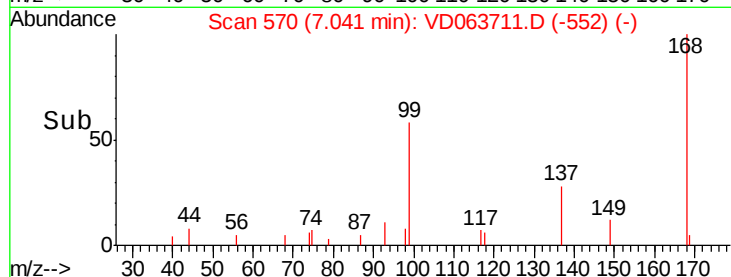
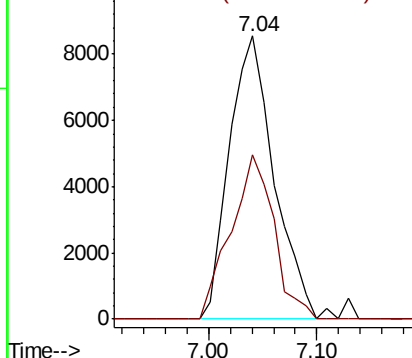
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-5-9.2-9.7

Tgt Ion:168 Resp: 24720
Ion Ratio Lower Upper
168 100
99 58.3 46.7 70.1

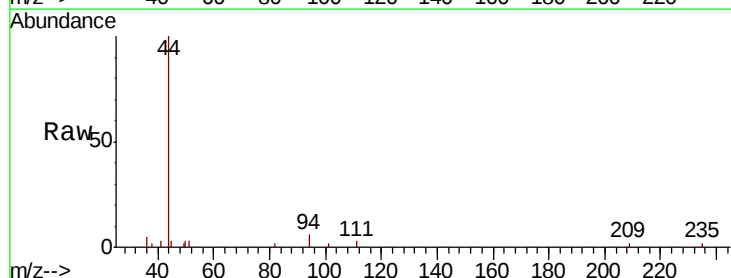


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

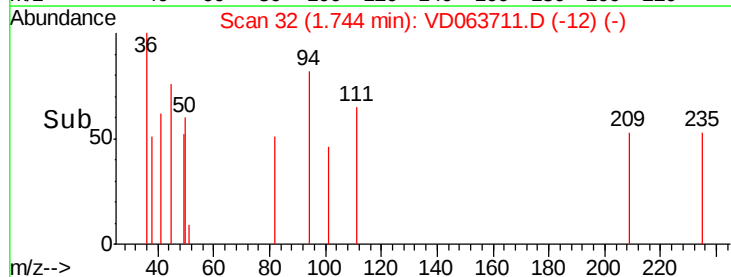
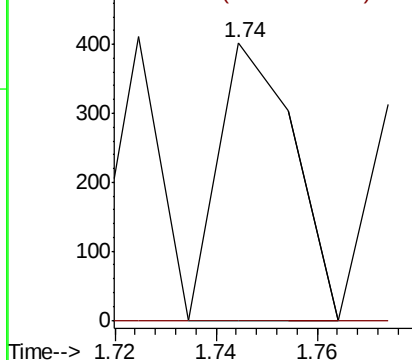


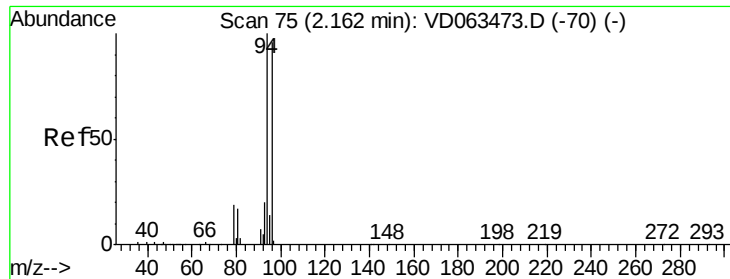
#3
Chloromethane
Concen: 1.789 ug/l
RT: 1.74 min Scan# 32
Delta R.T. -0.00 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Tgt Ion: 50 Resp: 418
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: 14.152 ug/l

RT: 2.16 min Scan# 74

Delta R.T. -0.00 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

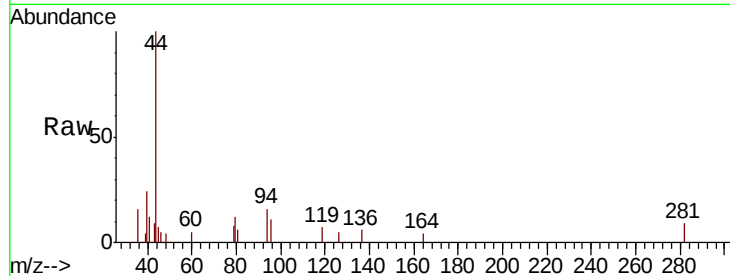
Tgt Ion: 94 Resp: 1549

Ion Ratio Lower Upper

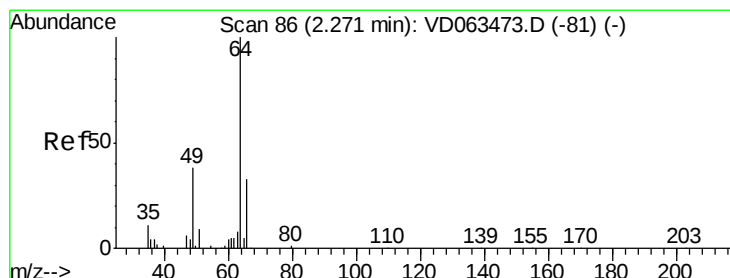
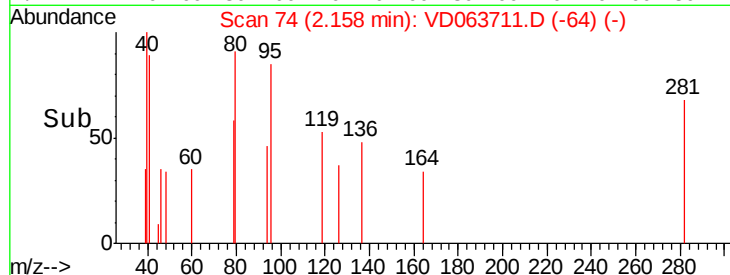
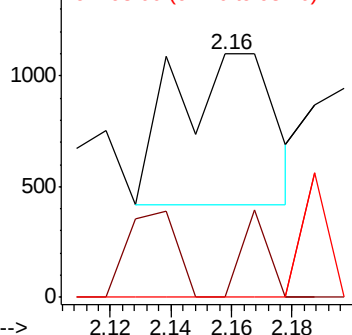
94 100

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: 1.716 ug/l

RT: 2.21 min Scan# 79

Delta R.T. -0.06 min

Lab File: VD063711.D

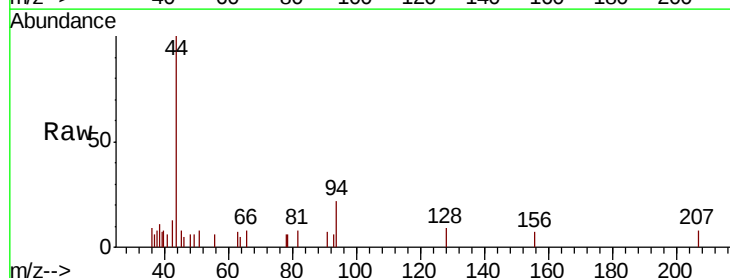
Acq: 21 Aug 2019 14:25

Tgt Ion: 64 Resp: 182

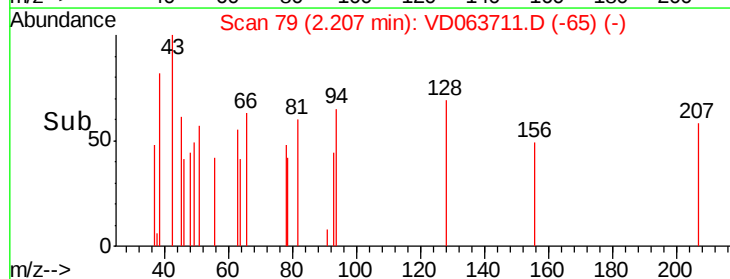
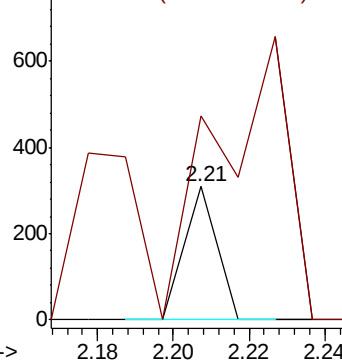
Ion Ratio Lower Upper

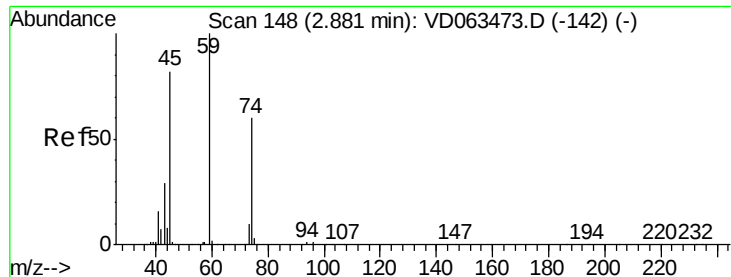
64 100

66 153.1 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC





#8

Diethyl Ether

Concen: 3.082 ug/l

RT: 2.87 min Scan# 146

Delta R.T. -0.01 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

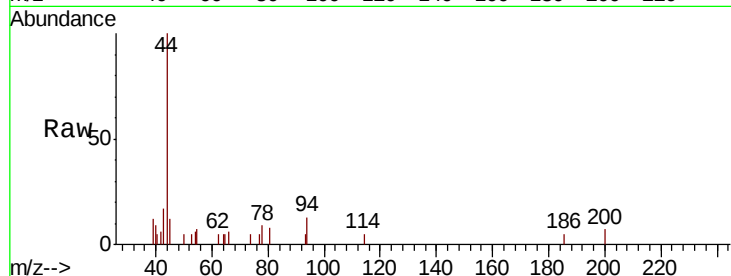
SUNSET-PARK-SB-5-9.2-9.7

Tgt Ion: 74 Resp: 198

Ion Ratio Lower Upper

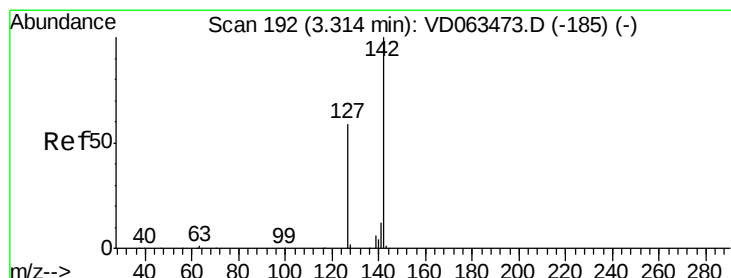
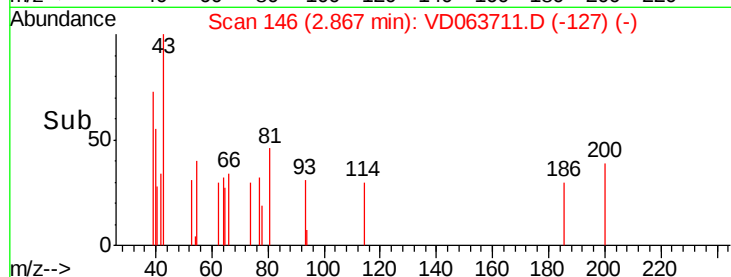
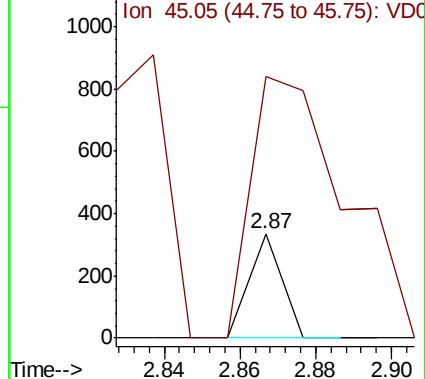
74 100

45 250.6 68.5 205.5#



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.05 (44.75 to 45.75): V



#10

Methyl Iodide

Concen: 2.239 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.02 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

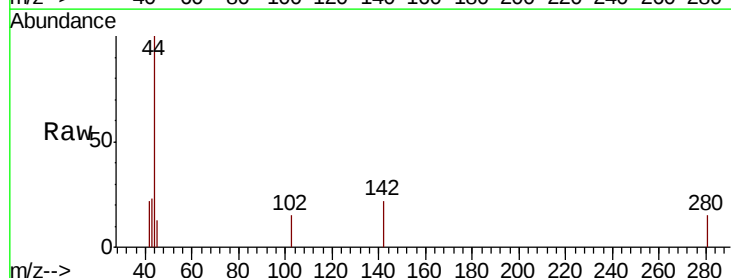
Tgt Ion: 142 Resp: 851

Ion Ratio Lower Upper

142 100

127 0.0 47.2 70.8#

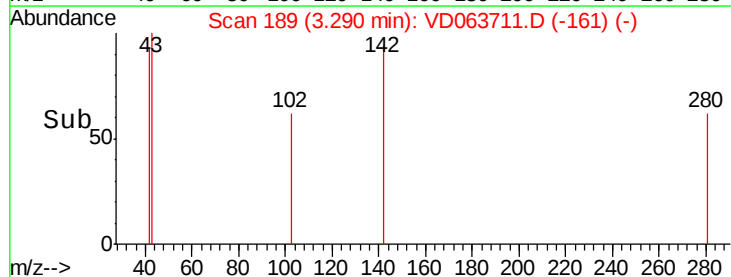
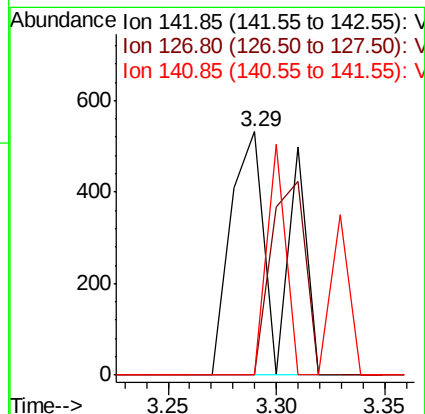
141 0.0 9.8 14.8#

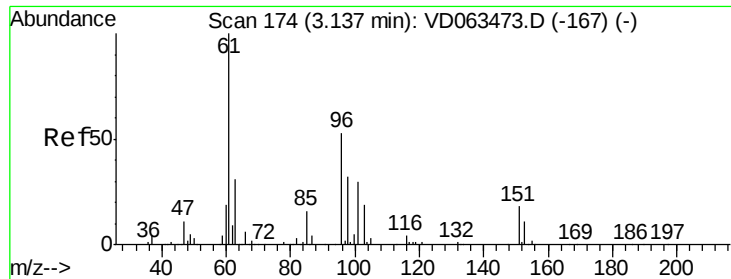


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#12

1,1-Dichloroethene

Concen: 2.203 ug/l

RT: 3.10 min Scan# 170

Delta R.T. -0.03 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

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ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

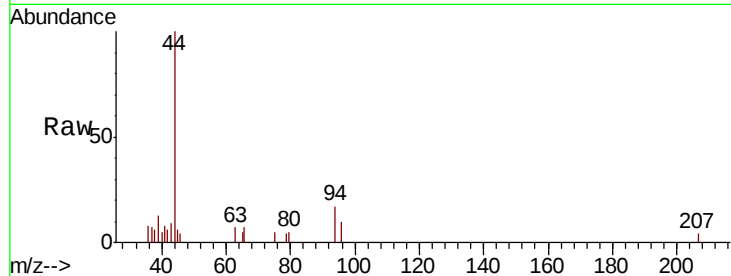
Tgt Ion: 96 Resp: 440

Ion Ratio Lower Upper

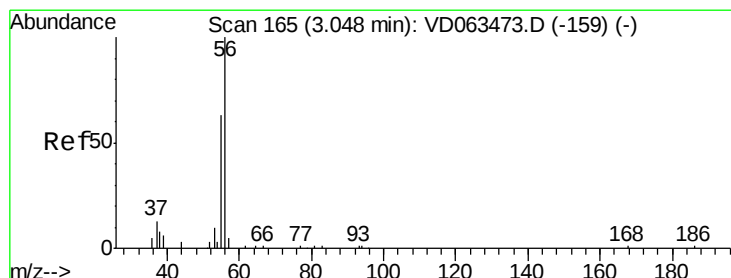
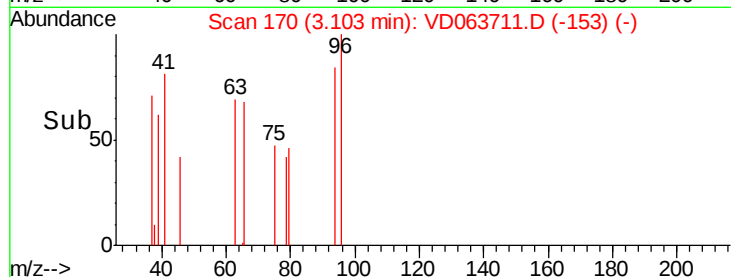
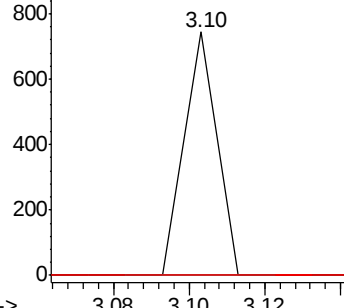
96 100

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: 16.163 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.03 min

Lab File: VD063711.D

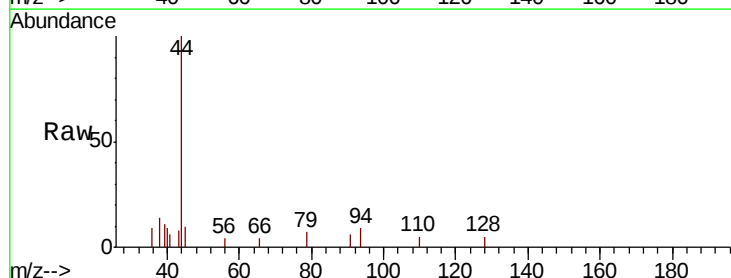
Acq: 21 Aug 2019 14:25

Tgt Ion: 56 Resp: 183

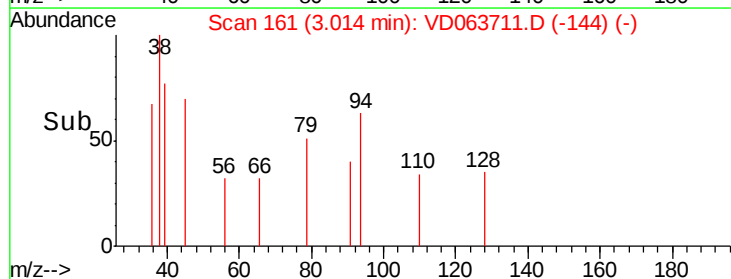
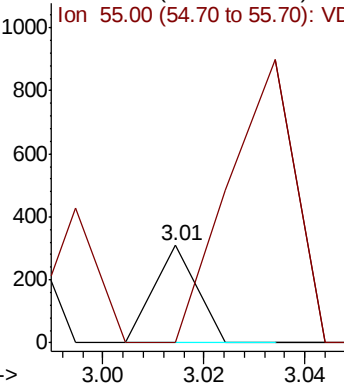
Ion Ratio Lower Upper

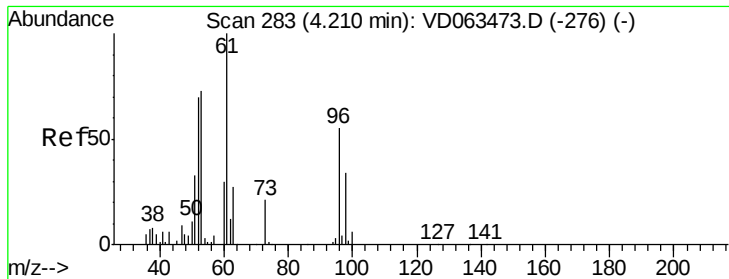
56 100

55 0.0 51.3 76.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC





#15

Acrylonitrile

Concen: 8.074 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.01 min

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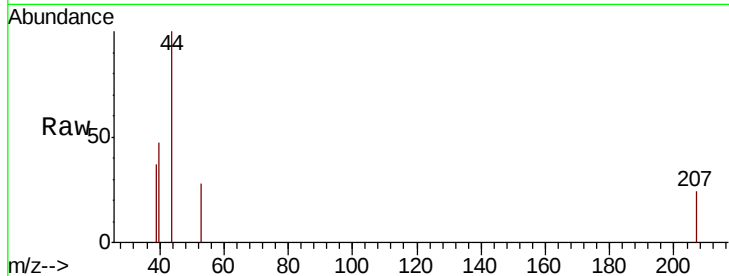
Tgt Ion: 53 Resp: 246

Ion Ratio Lower Upper

53 100

52 0.0 77.4 116.0#

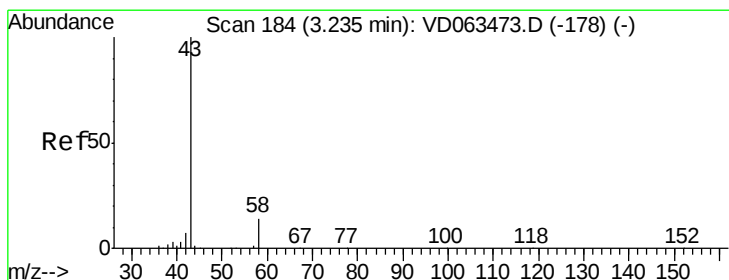
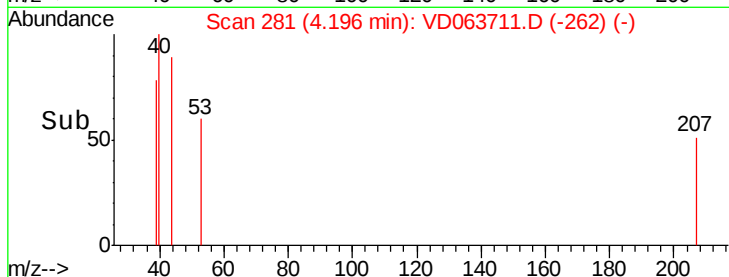
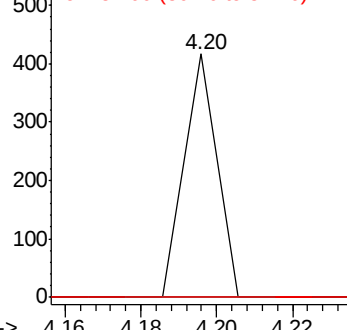
51 0.0 36.7 55.1#



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



#16

Acetone

Concen: 245.744 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD063711.D

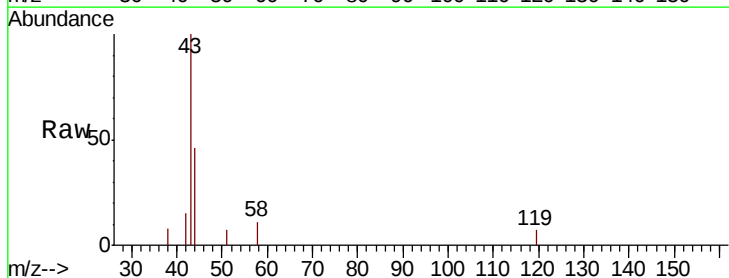
Acq: 21 Aug 2019 14:25

Tgt Ion: 43 Resp: 13200

Ion Ratio Lower Upper

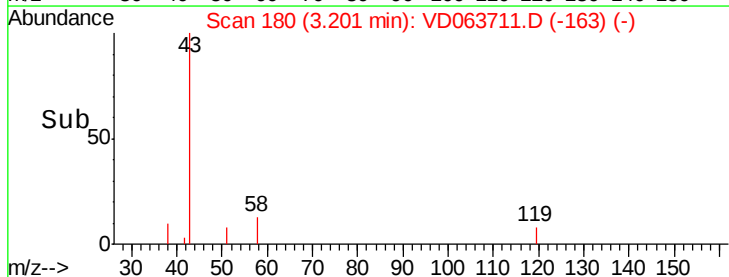
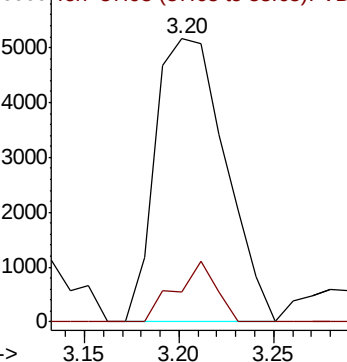
43 100

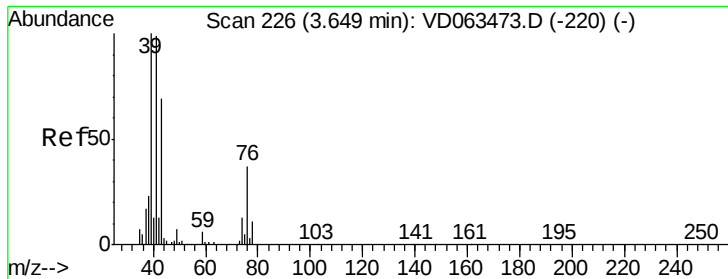
58 10.6 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

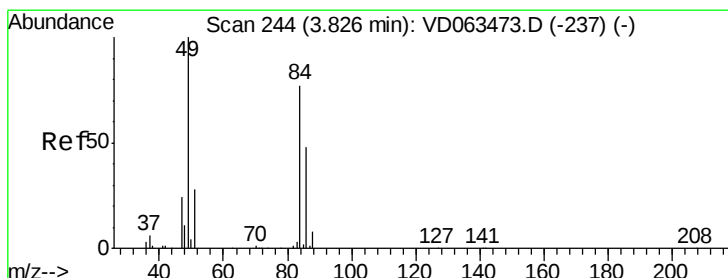
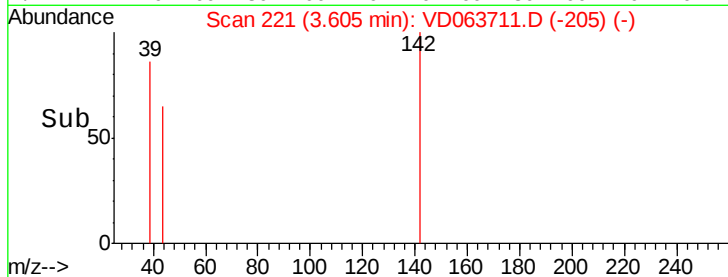
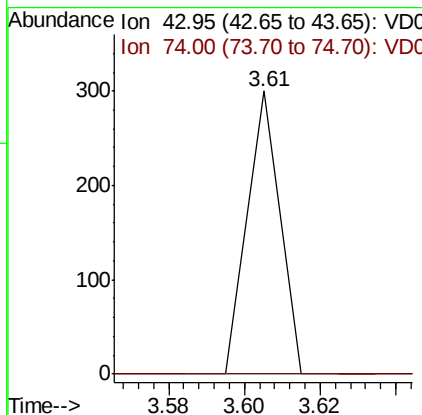
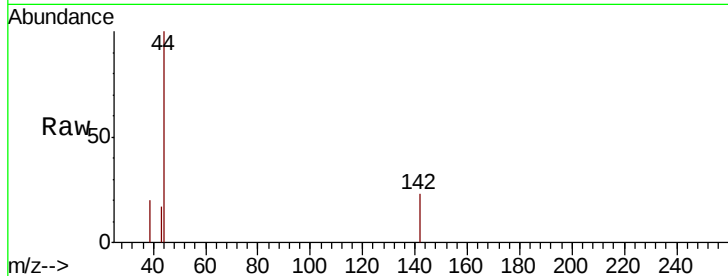




#18
Methyl Acetate
Concen: 1.740 ug/l
RT: 3.61 min Scan# 221
Delta R.T. -0.04 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

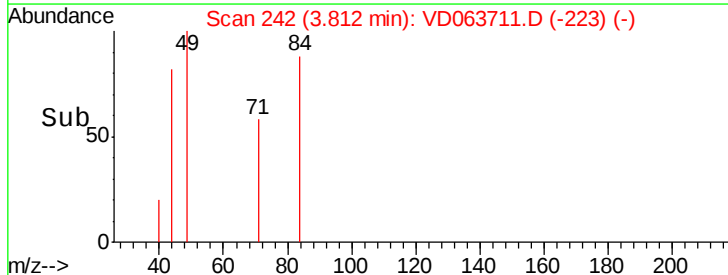
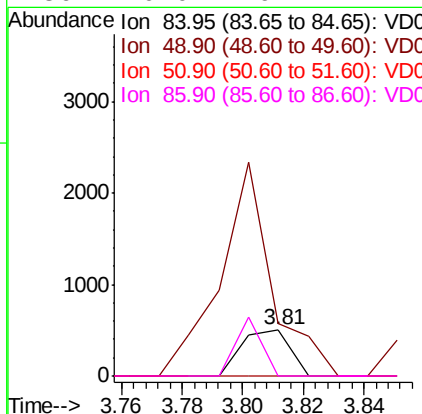
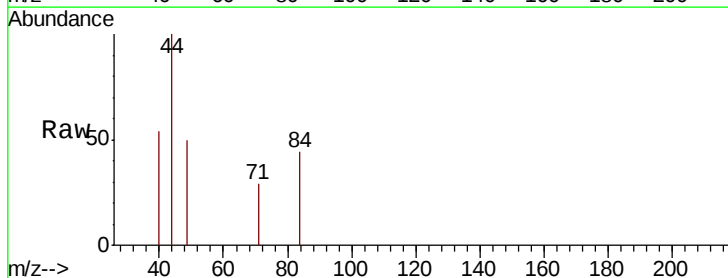
Instrument :
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ClientSampleId :
SUNSET-PARK-SB-5-9.2-9.7

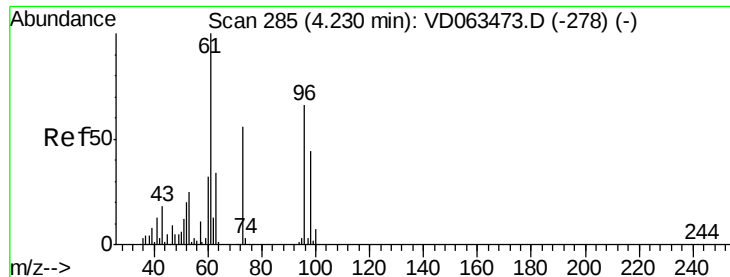
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 2.428 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Tgt Ion: 84 Resp: 564
Ion Ratio Lower Upper
84 100
49 113.5 103.4 155.2
51 0.0 28.5 42.7#
86 0.0 49.4 74.2#





#21

trans-1,2-Dichloroethene

Concen: 1.099 ug/l

RT: 4.24 min Scan# 285

Delta R.T. 0.01 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

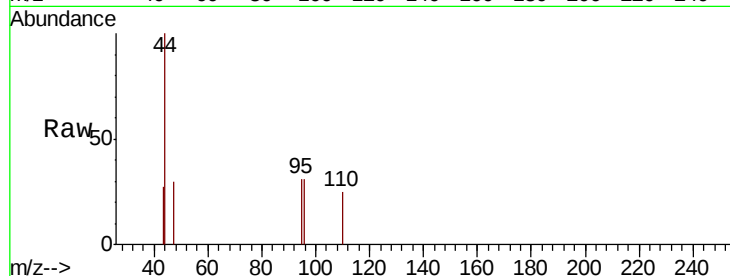
Tgt Ion: 96 Resp: 231

Ion Ratio Lower Upper

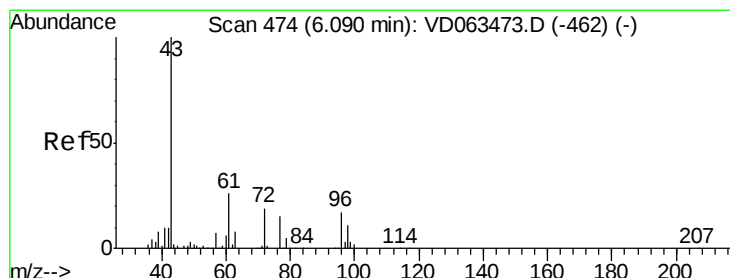
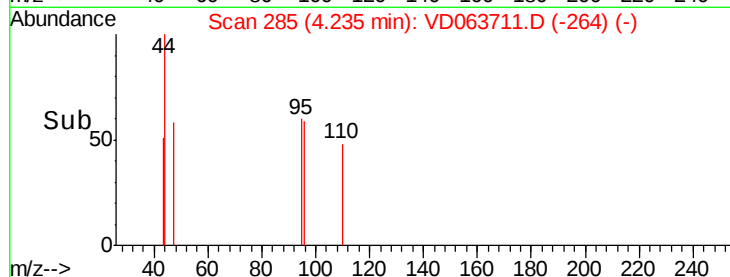
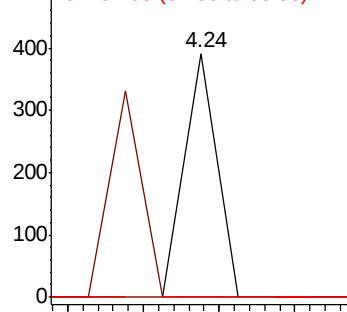
96 100

61 0.0 121.7 182.5#

98 0.0 54.2 81.2#



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



#25

2-Butanone

Concen: 68.087 ug/l

RT: 6.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD063711.D

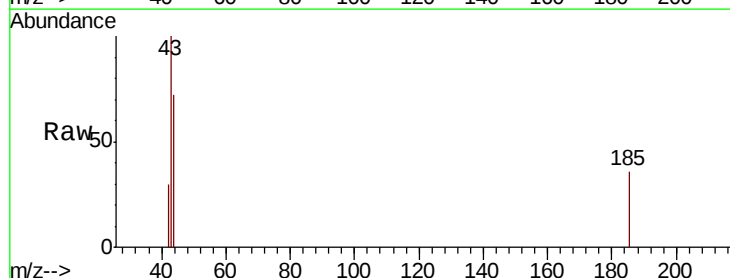
Acq: 21 Aug 2019 14:25

Tgt Ion: 43 Resp: 3612

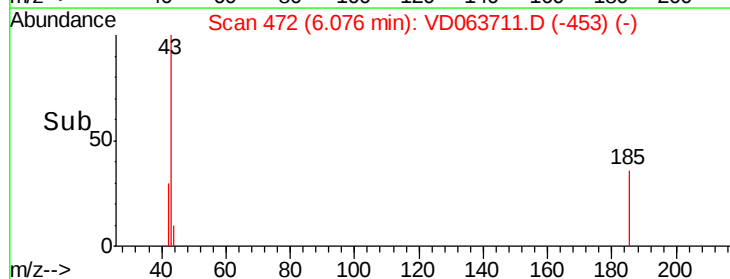
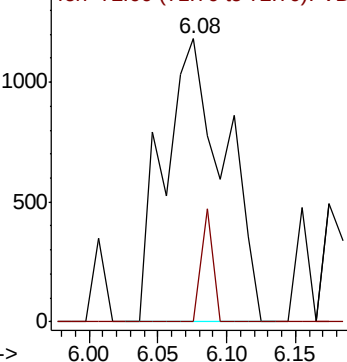
Ion Ratio Lower Upper

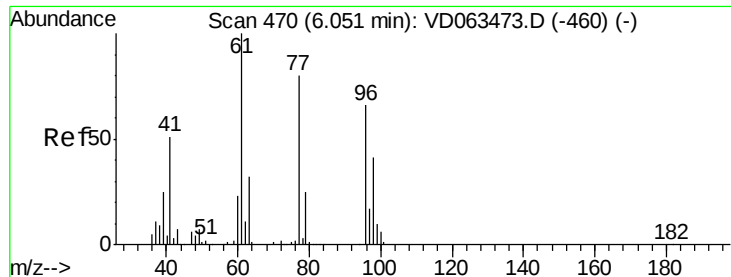
43 100

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





#27

cis-1,2-Dichloroethene

Concen: 1.252 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

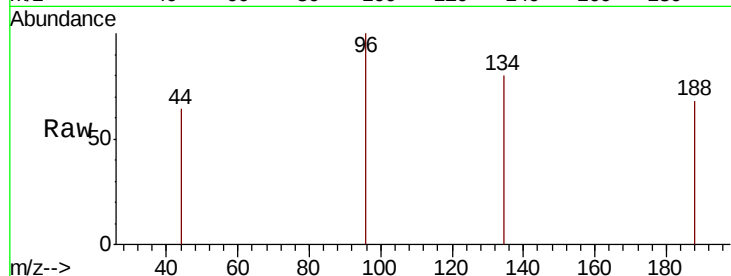
Tgt Ion: 96 Resp: 288

Ion Ratio Lower Upper

96 100

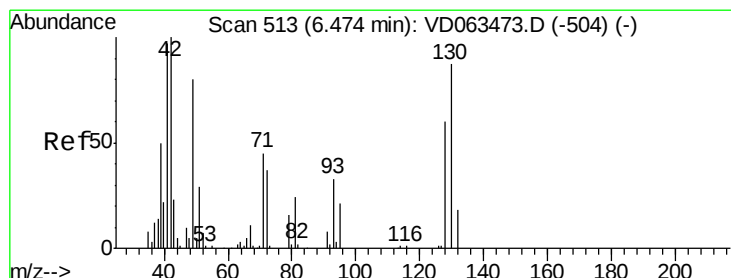
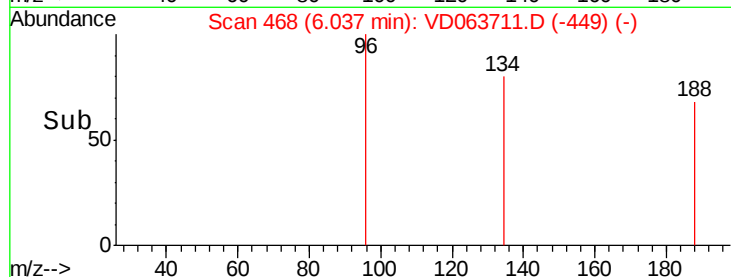
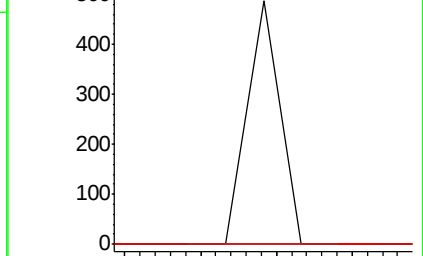
61 0.0 0.0 304.0

98 0.0 0.0 124.8



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

6.04



#29

Tetrahydrofuran

Concen: 7.443 ug/l

RT: 6.29 min Scan# 494

Delta R.T. -0.18 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

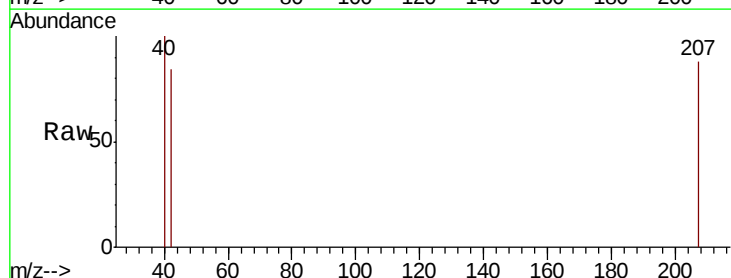
Tgt Ion: 42 Resp: 184

Ion Ratio Lower Upper

42 100

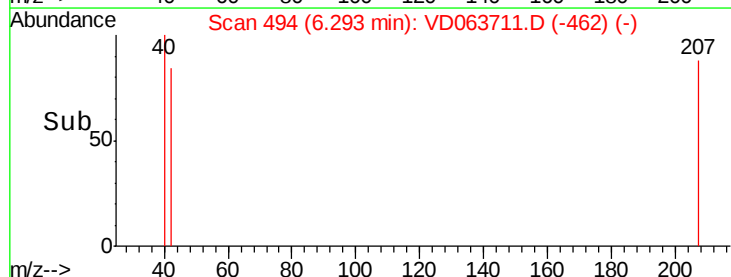
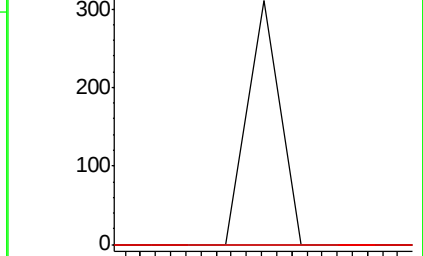
72 0.0 31.5 47.3#

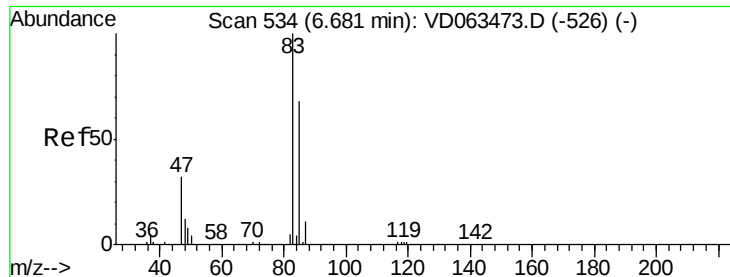
71 0.0 33.8 50.8#



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

6.29

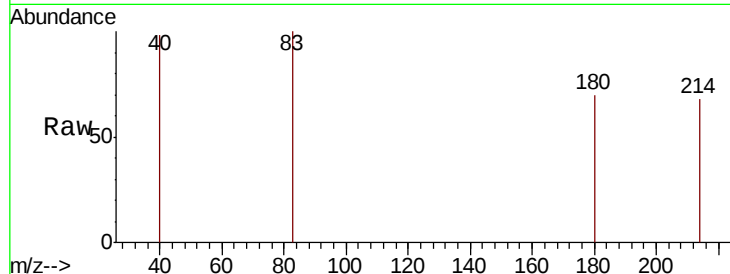




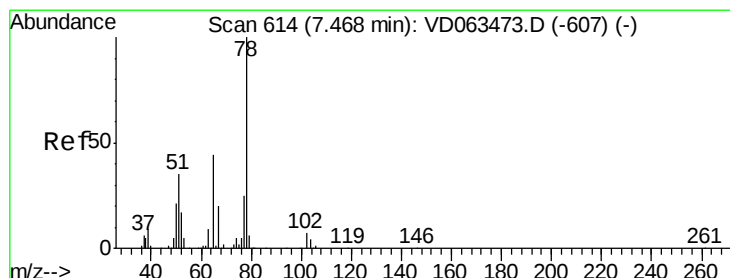
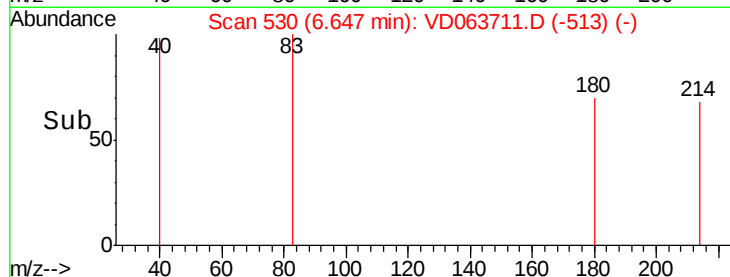
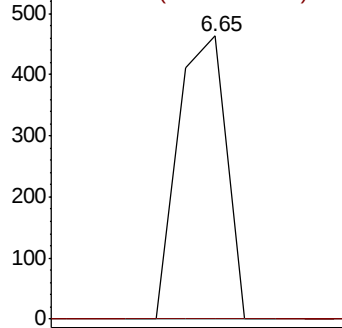
#30
Chloroform
Concen: 1.082 ug/l
RT: 6.65 min Scan# 530
Delta R.T. -0.03 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-5-9.2-9.7

Tgt Ion: 83 Resp: 517
Ion Ratio Lower Upper
83 100
85 0.0 54.8 82.2#

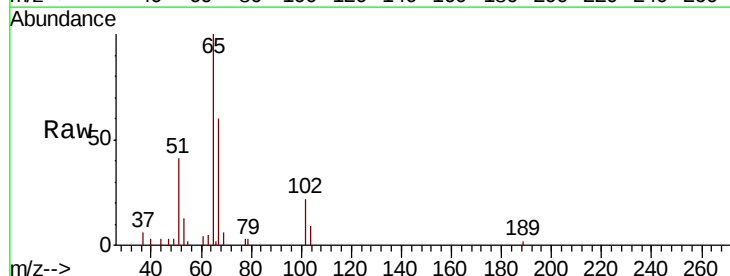


Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

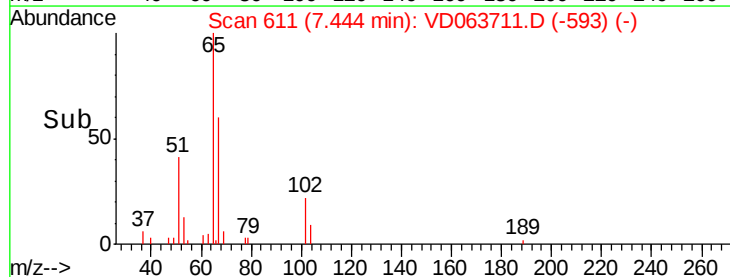
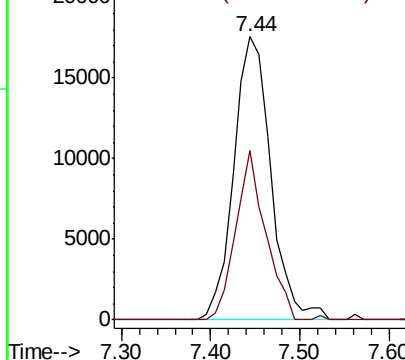


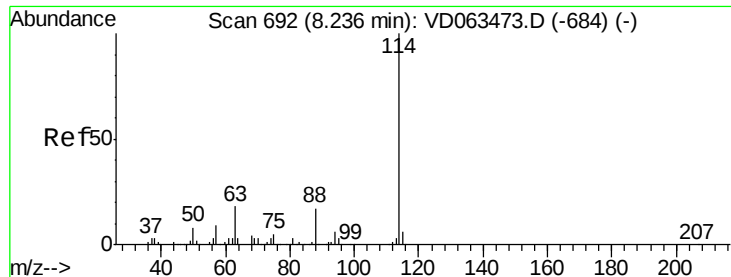
#33
1,2-Dichloroethane-d4
Concen: 191.899 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Tgt Ion: 65 Resp: 50707
Ion Ratio Lower Upper
65 100
67 59.7 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

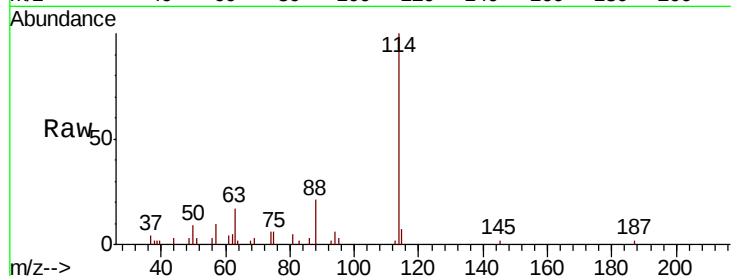
Tgt Ion:114 Resp: 49436

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.2

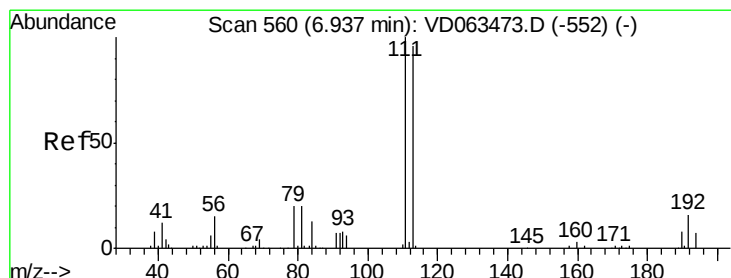
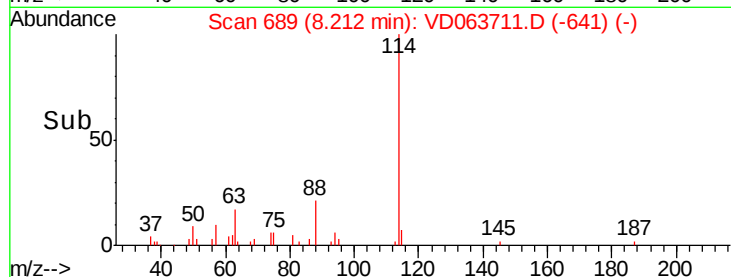
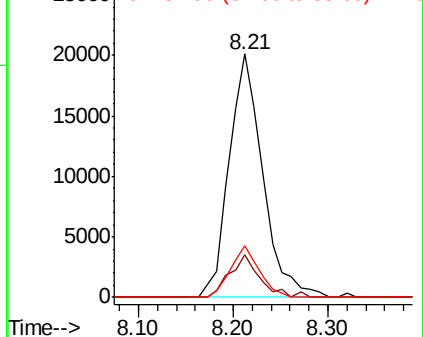
88 21.3 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 89.952 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

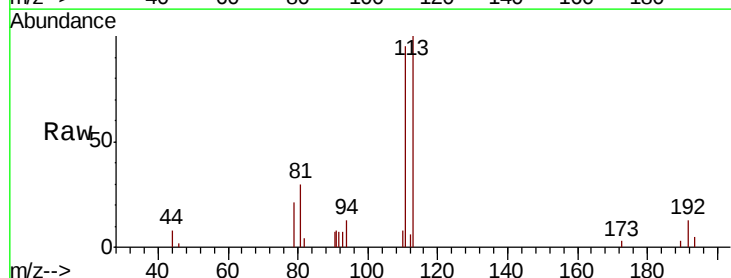
Tgt Ion:113 Resp: 37452

Ion Ratio Lower Upper

113 100

111 94.7 83.1 124.7

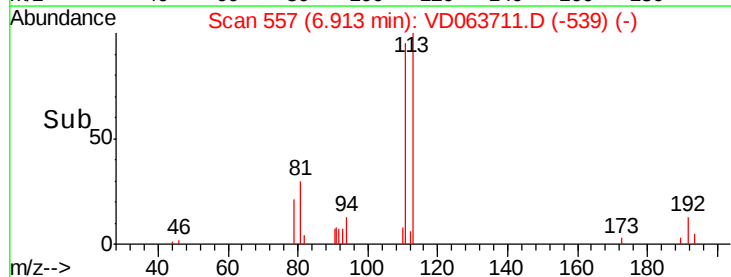
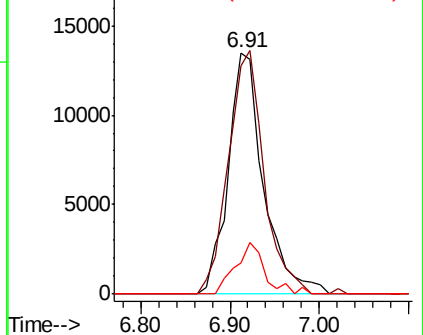
192 13.1 13.1 19.7#

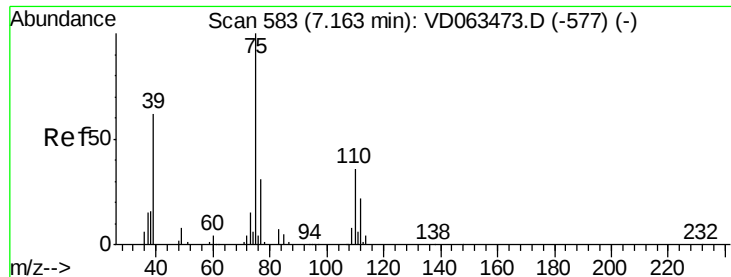


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 1.371 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.09 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

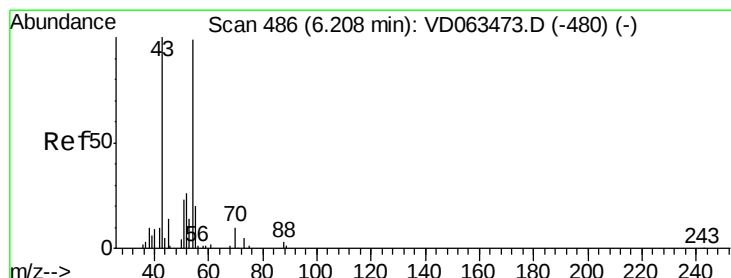
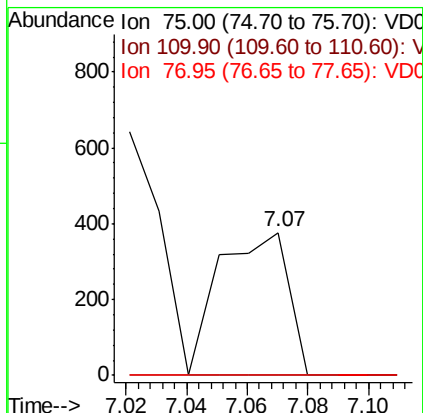
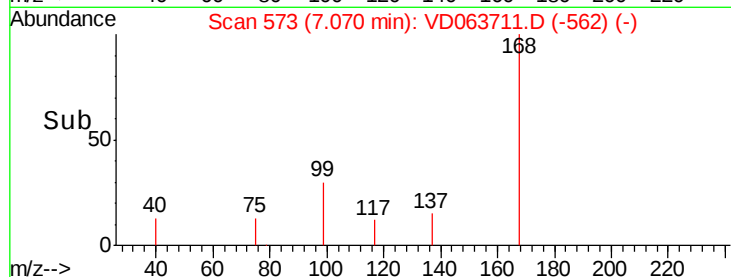
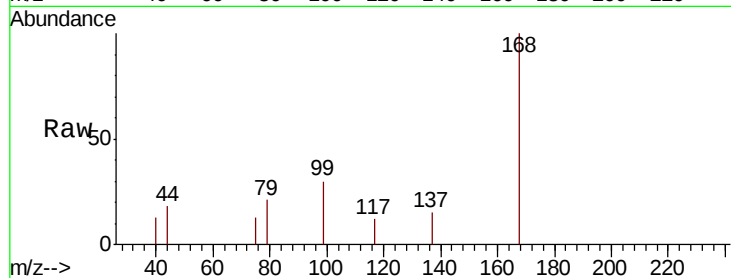
Tgt Ion: 75 Resp: 599

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 2.670 ug/l

RT: 6.17 min Scan# 482

Delta R.T. -0.03 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

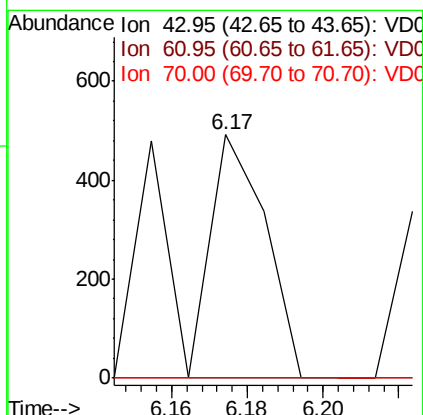
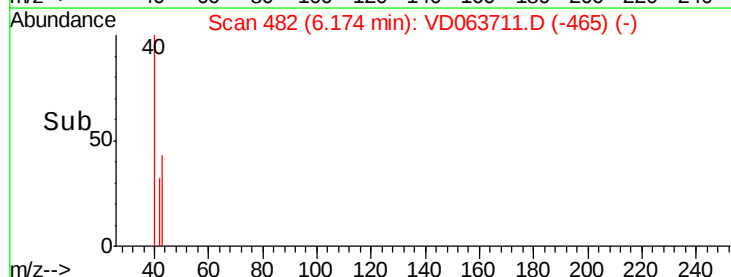
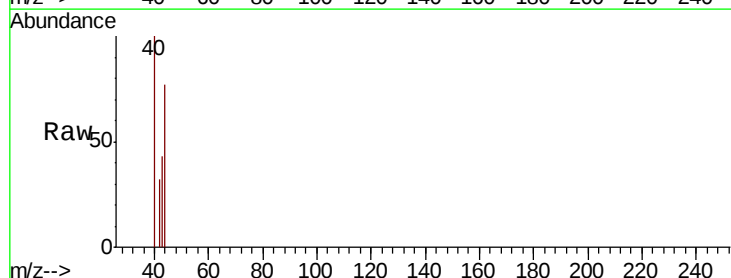
Tgt Ion: 43 Resp: 489

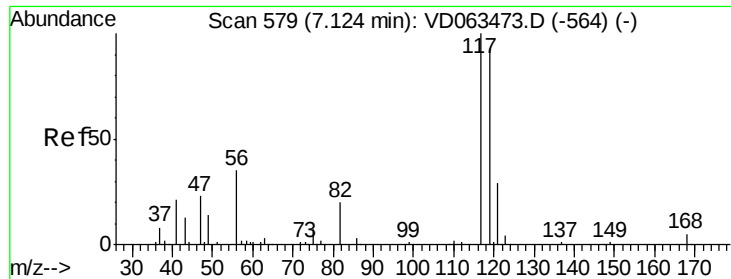
Ion Ratio Lower Upper

43 100

61 0.0 9.0 13.6#

70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 3.398 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

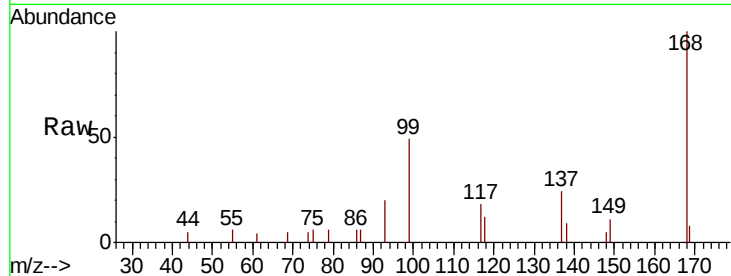
Tgt Ion:117 Resp: 2238

Ion Ratio Lower Upper

117 100

119 0.0 74.2 111.2#

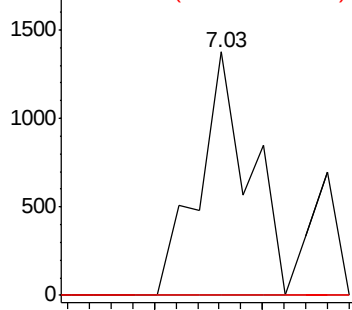
121 0.0 23.1 34.7#



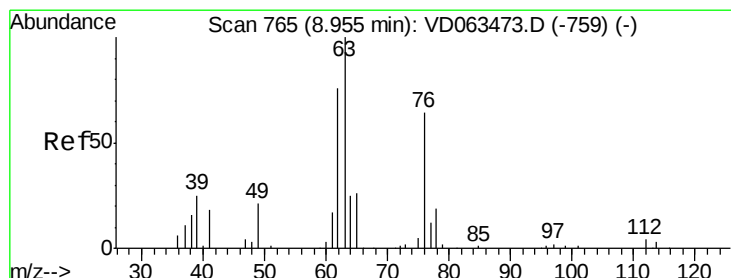
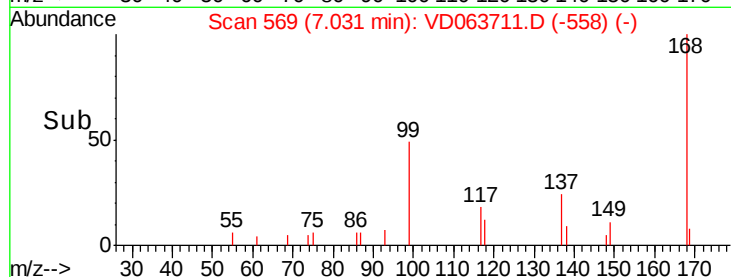
Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



Time-->



#45

1,2-Dichloropropane

Concen: 1.719 ug/l

RT: 9.01 min Scan# 770

Delta R.T. 0.05 min

Lab File: VD063711.D

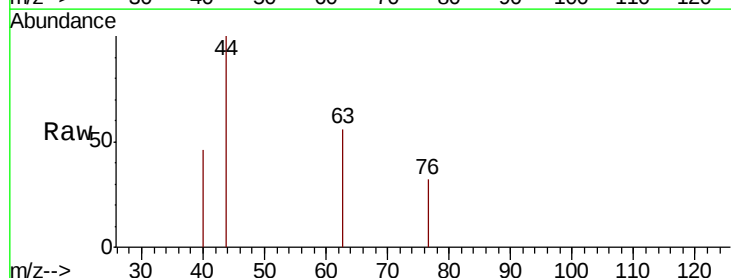
Acq: 21 Aug 2019 14:25

Tgt Ion: 63 Resp: 385

Ion Ratio Lower Upper

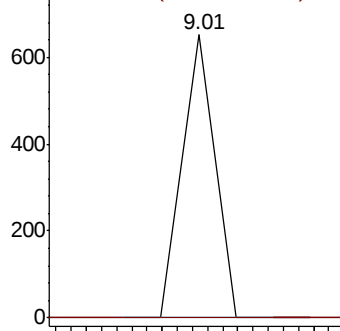
63 100

65 0.0 22.5 33.7#

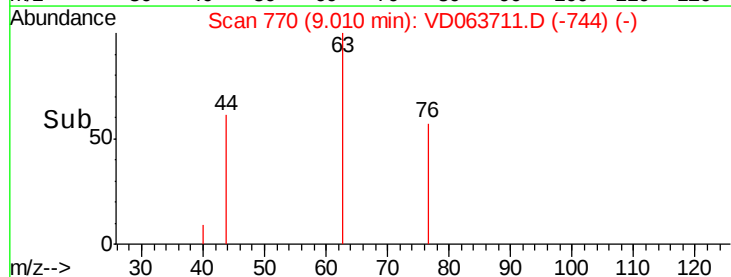


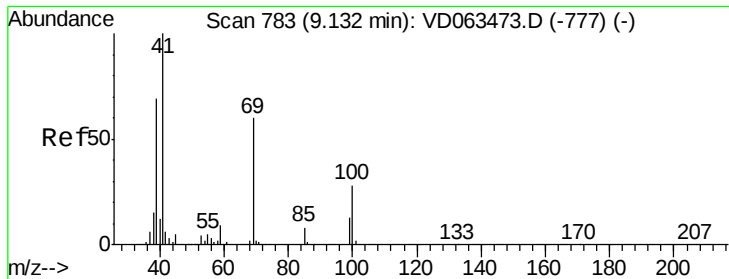
Abundance Ion 62.95 (62.65 to 63.65): V

Ion 64.95 (64.65 to 65.65): V



Time-->





#48

Methyl methacrylate

Concen: 1.287 ug/l

RT: 9.00 min Scan# 769

Delta R.T. -0.13 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

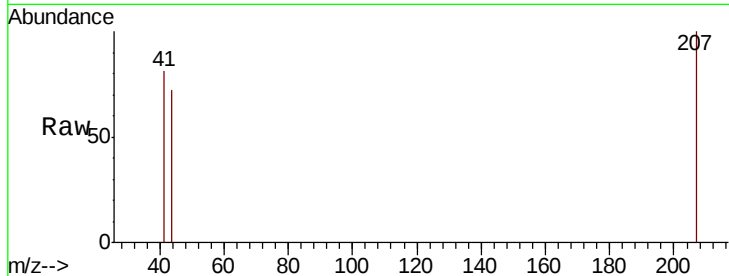
MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

Tgt Ion: 41 Resp: 214

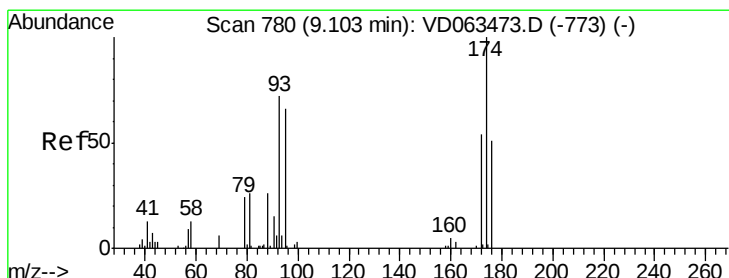
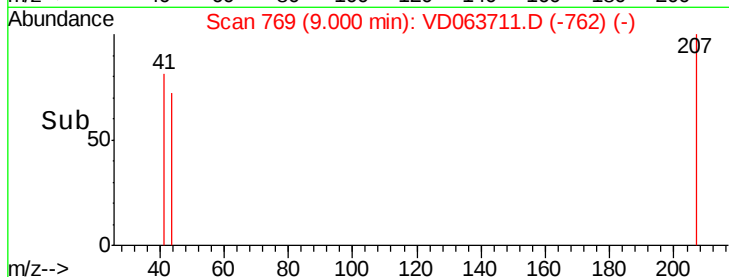
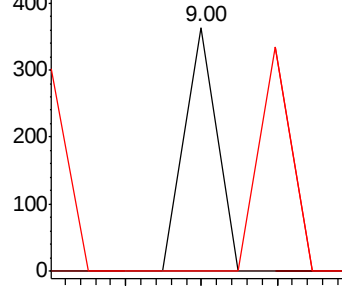
Ion	Ratio	Lower	Upper
41	100		
69	0.0	47.6	71.4#
39	0.0	55.7	83.5#



Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC



#49

1,4-Dioxane

Concen: 144.896 ug/l

RT: 9.04 min Scan# 773

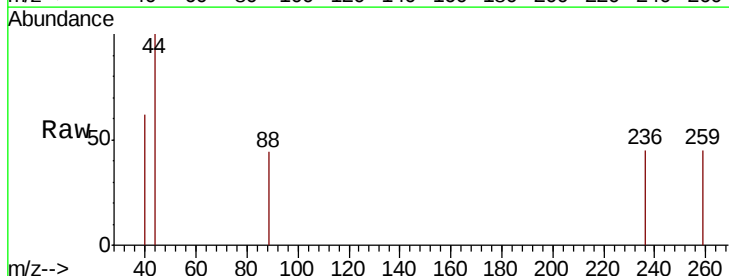
Delta R.T. -0.06 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Tgt Ion: 88 Resp: 183

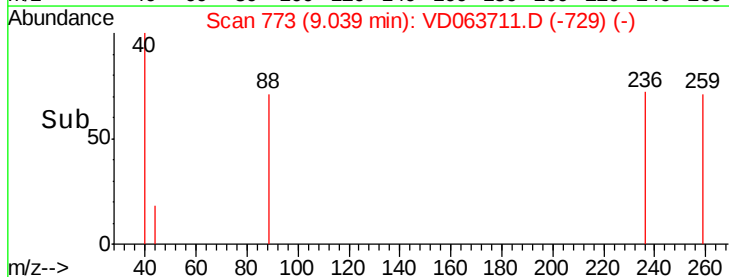
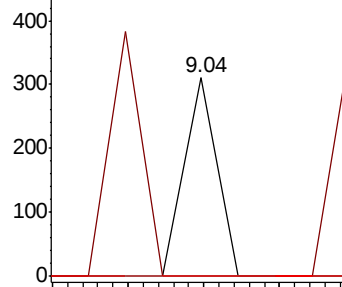
Ion	Ratio	Lower	Upper
88	100		
43	226.1	22.9	34.3#
58	0.0	40.1	60.1#

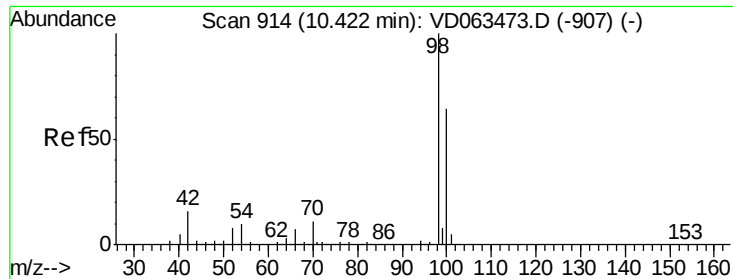


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

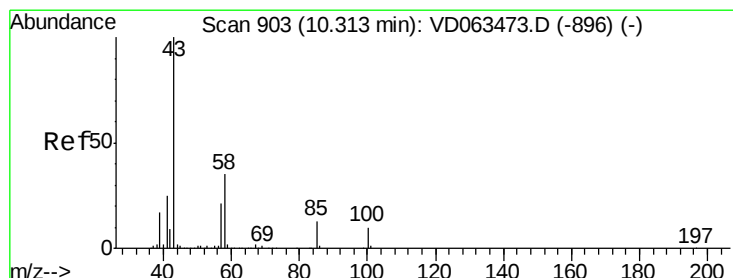
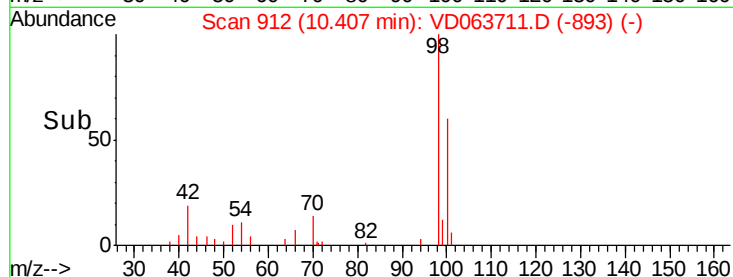
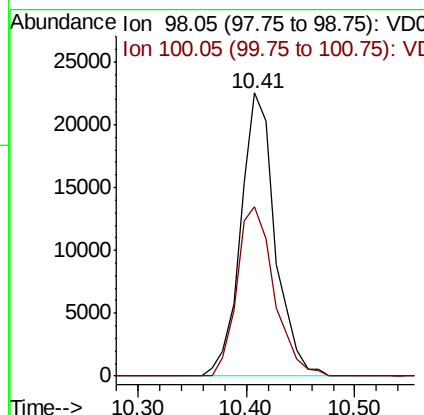
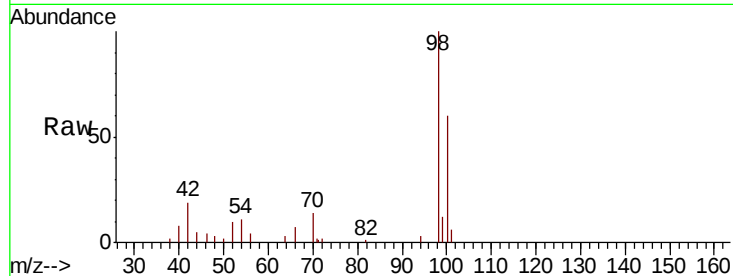




#50
Toluene-d8
Concen: 54.277 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

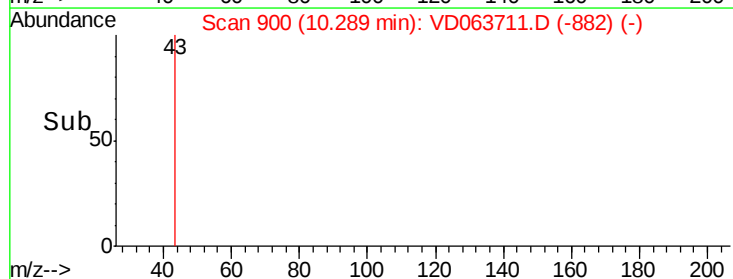
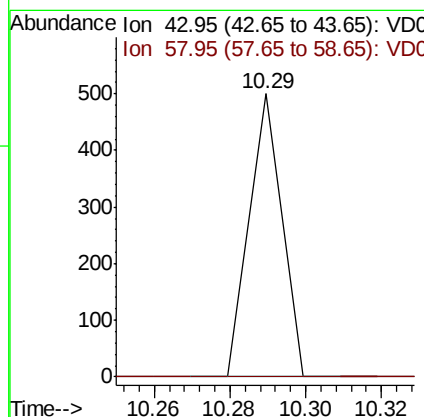
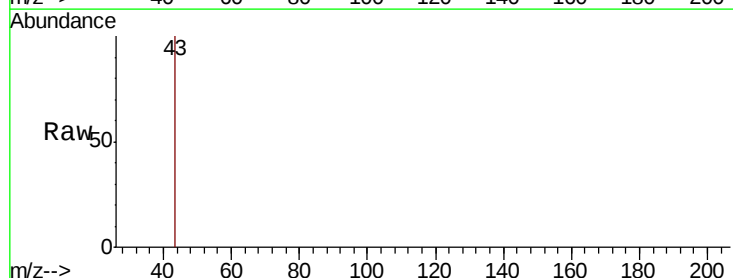
Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-5-9.2-9.7

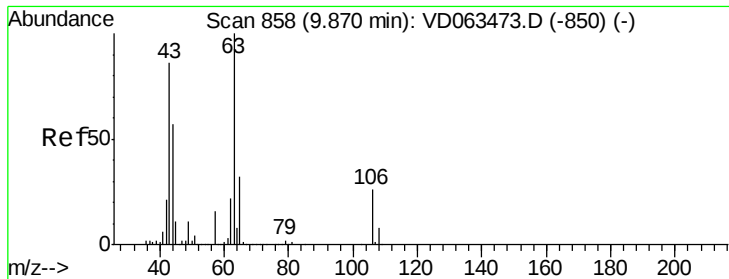
Tgt Ion: 98 Resp: 49684
Ion Ratio Lower Upper
98 100
100 59.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.758 ug/l
RT: 10.29 min Scan# 900
Delta R.T. -0.02 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#58

2-Chloroethyl Vinyl ether

Concen: 2.819 ug/l

RT: 9.87 min Scan# 857

Delta R.T. -0.00 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

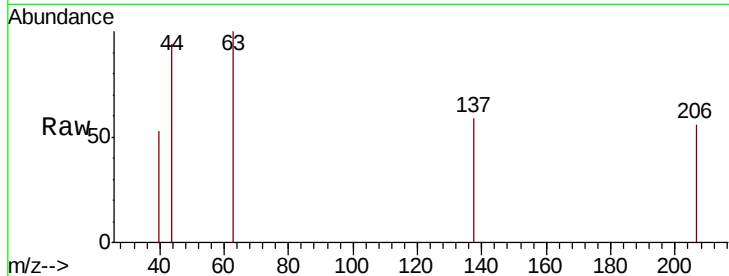
SUNSET-PARK-SB-5-9.2-9.7

Tgt Ion: 63 Resp: 338

Ion Ratio Lower Upper

63 100

106 0.0 20.8 31.2#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

9.87

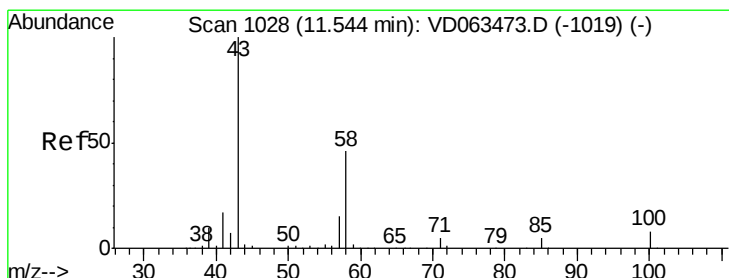
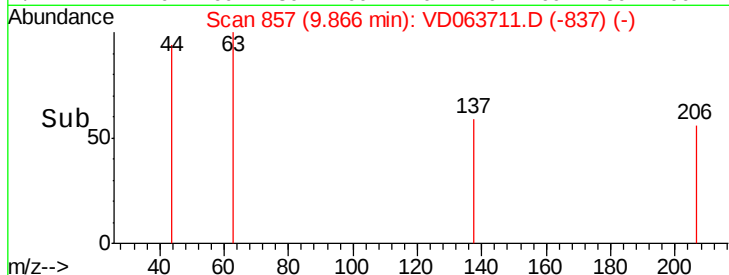
600

400

200

0

Time-->



#59

2-Hexanone

Concen: 1.490 ug/l

RT: 11.49 min Scan# 1022

Delta R.T. -0.05 min

Lab File: VD063711.D

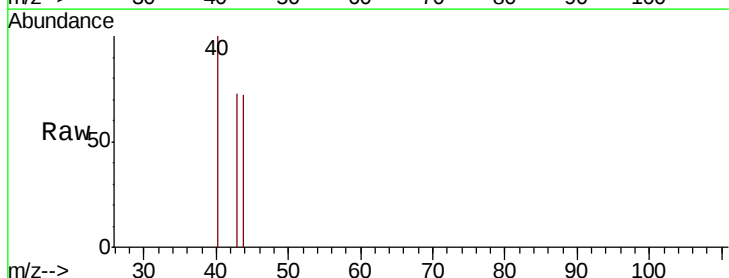
Acq: 21 Aug 2019 14:25

Tgt Ion: 43 Resp: 182

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

11.49

400

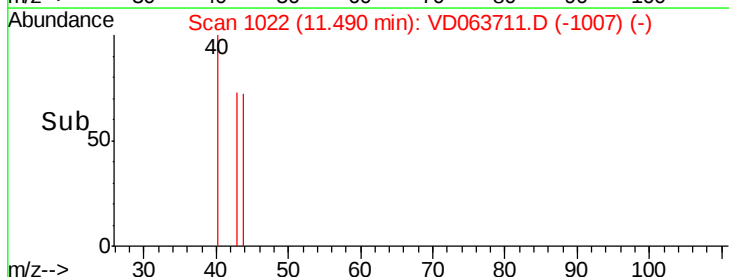
300

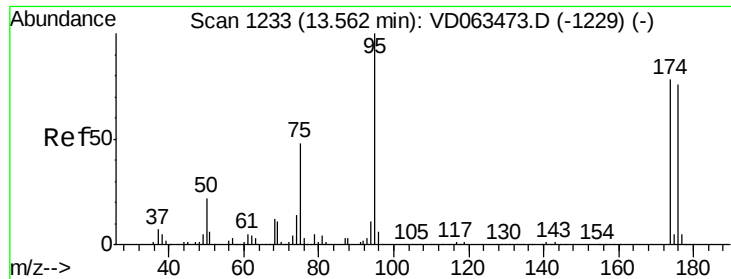
200

100

0

Time-->





#62

4-Bromofluorobenzene

Concen: 66.042 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

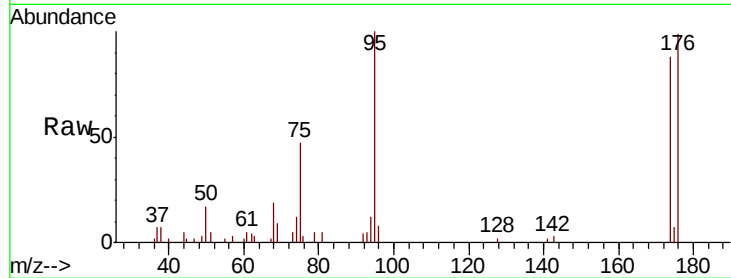
Tgt Ion: 95 Resp: 27400

Ion Ratio Lower Upper

95 100

174 87.9 0.0 155.4

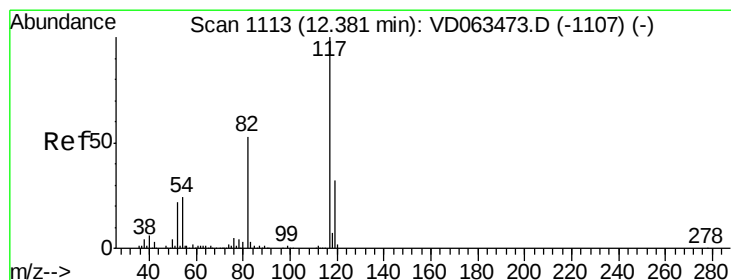
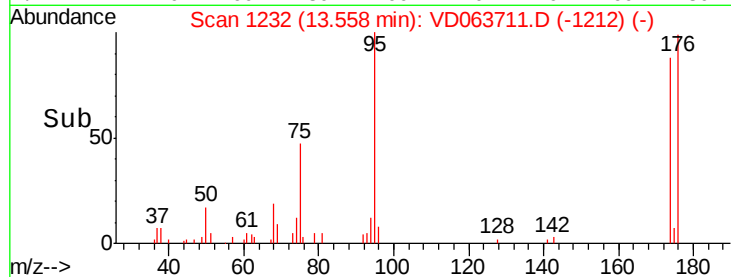
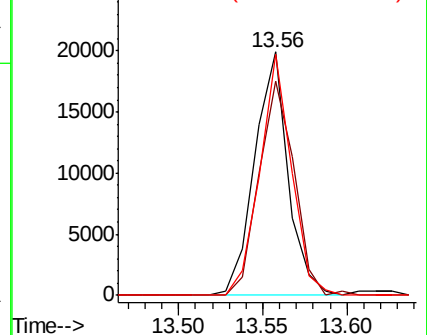
176 99.2 0.0 152.4



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: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

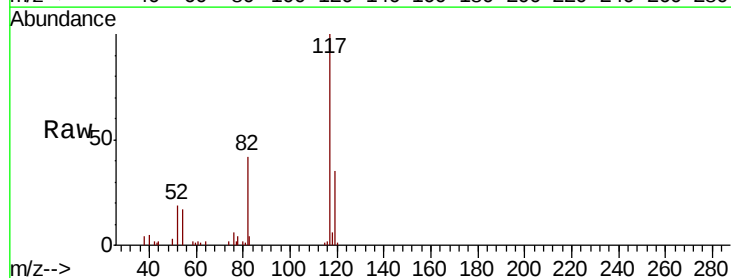
Tgt Ion: 117 Resp: 51111

Ion Ratio Lower Upper

117 100

82 42.4 42.0 63.0

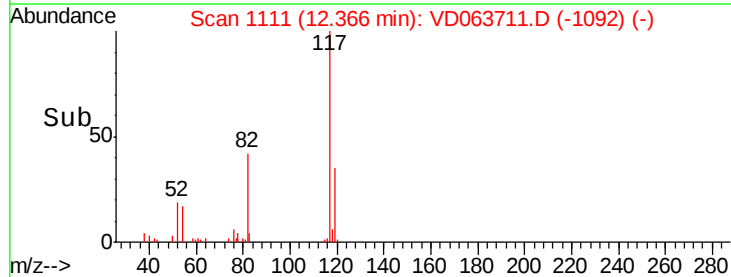
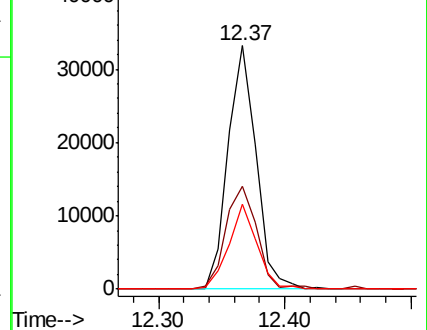
119 34.8 25.4 38.0

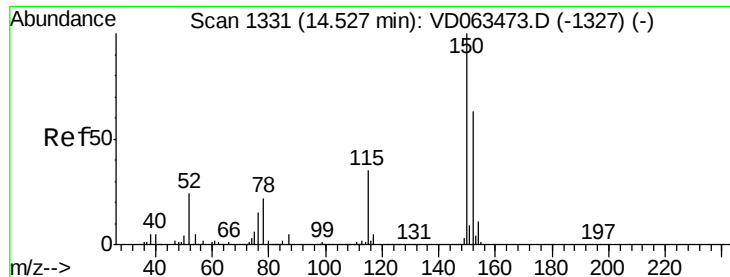


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.00 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

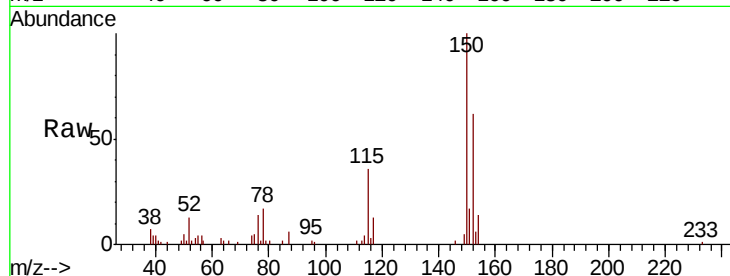
Tgt Ion: 152 Resp: 24119

Ion Ratio Lower Upper

152 100

115 58.5 30.9 92.7

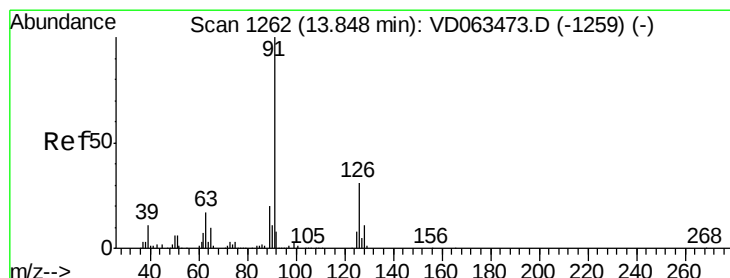
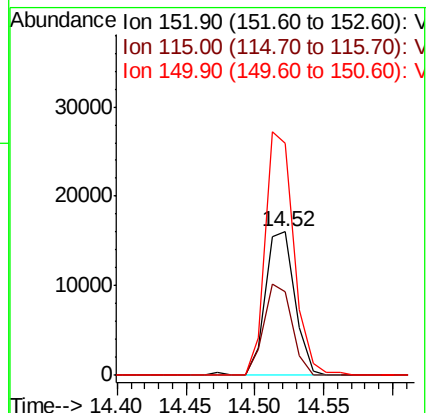
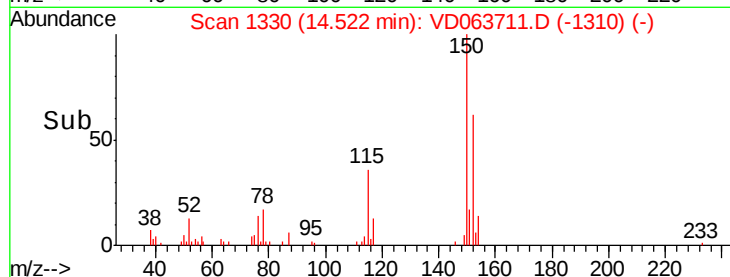
150 161.5 0.0 318.6



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



#79

2-Chlorotoluene

Concen: 1.550 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.10 min

Lab File: VD063711.D

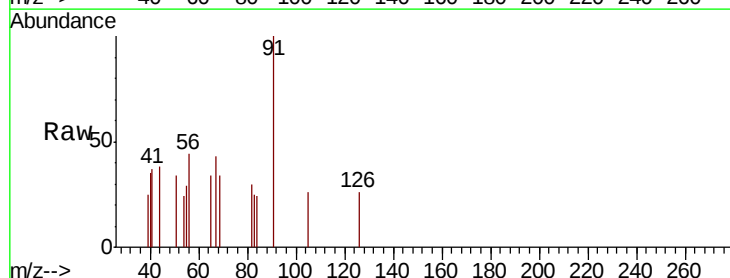
Acq: 21 Aug 2019 14:25

Tgt Ion: 91 Resp: 1604

Ion Ratio Lower Upper

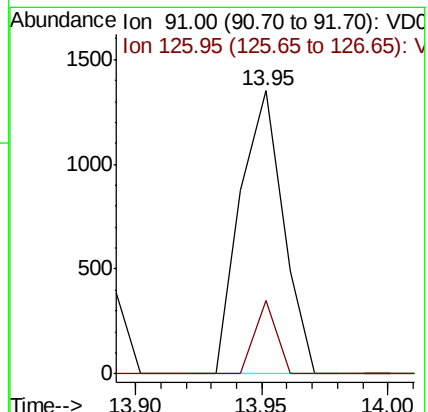
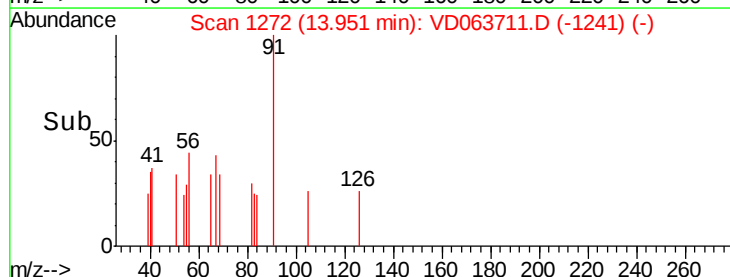
91 100

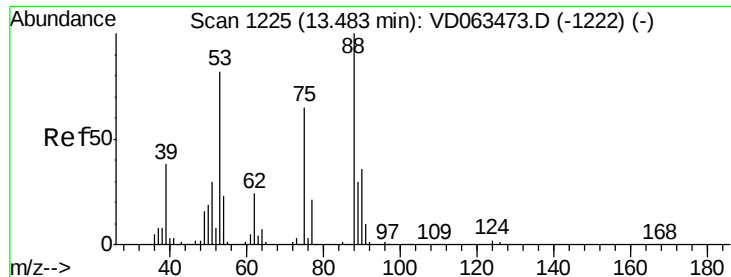
126 26.1 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 183.593 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

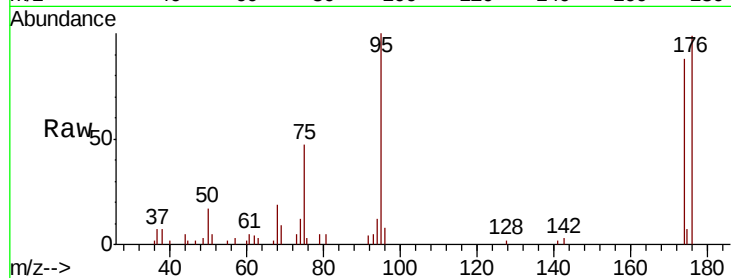
Tgt Ion: 75 Resp: 13659

Ion Ratio Lower Upper

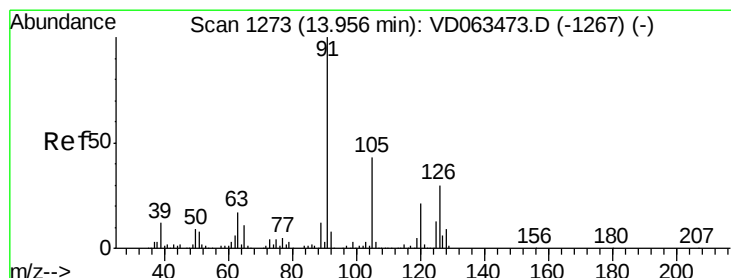
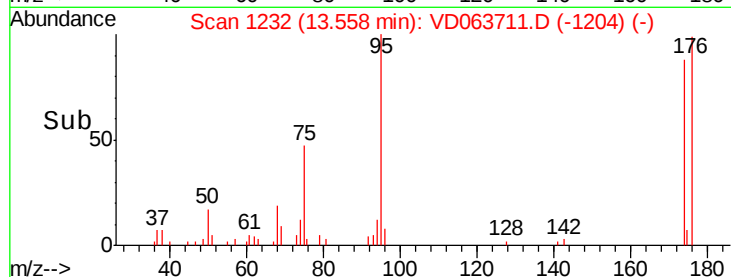
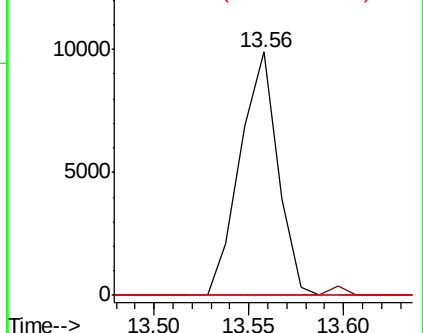
75 100

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



#82

4-Chlorotoluene

Concen: 1.289 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD063711.D

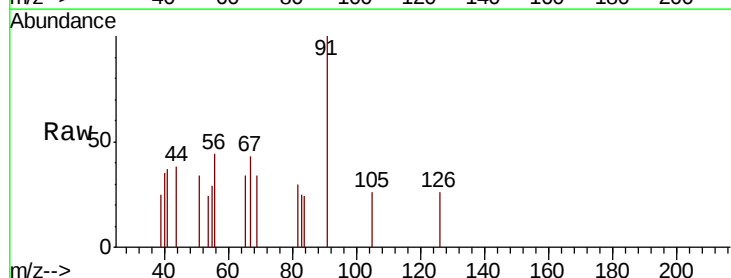
Acq: 21 Aug 2019 14:25

Tgt Ion: 91 Resp: 1604

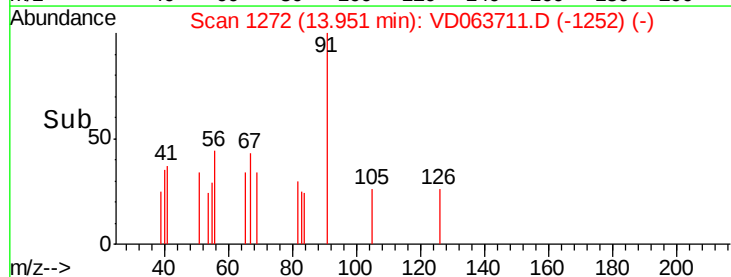
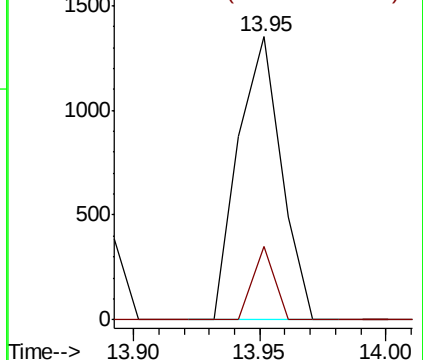
Ion Ratio Lower Upper

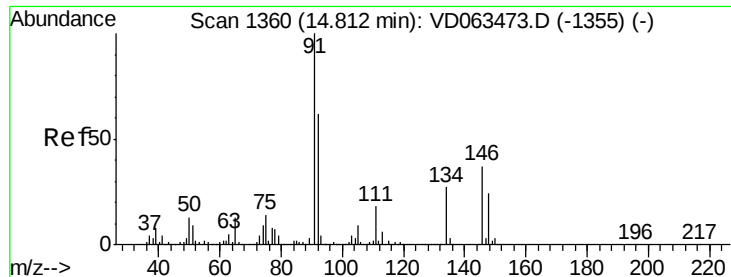
91 100

126 26.1 15.2 45.6



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





#89

n-Butylbenzene

Concen: 1.034 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD063711.D

Acq: 21 Aug 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

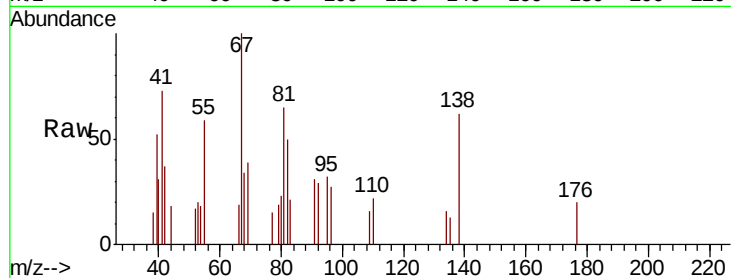
Tgt Ion: 91 Resp: 1353

Ion Ratio Lower Upper

91 100

92 93.8 30.8 92.3#

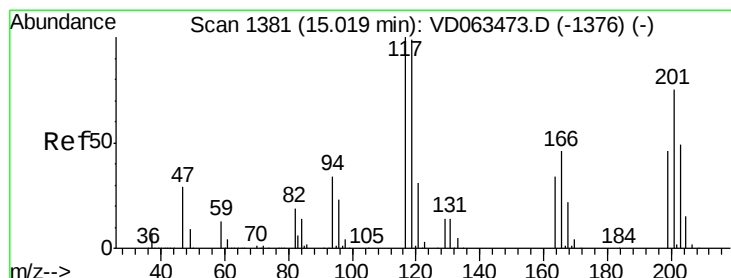
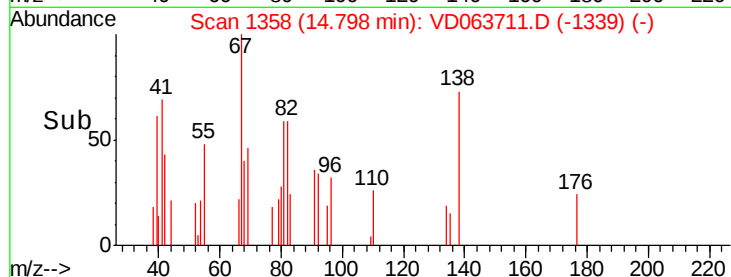
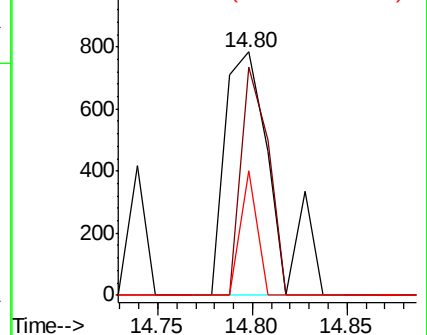
134 51.3 13.4 40.2#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 1.163 ug/l

RT: 15.04 min Scan# 1383

Delta R.T. 0.03 min

Lab File: VD063711.D

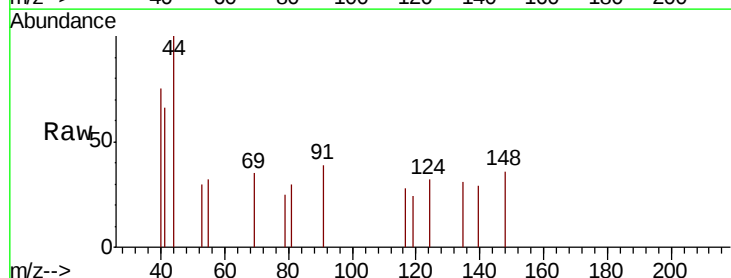
Acq: 21 Aug 2019 14:25

Tgt Ion: 117 Resp: 419

Ion Ratio Lower Upper

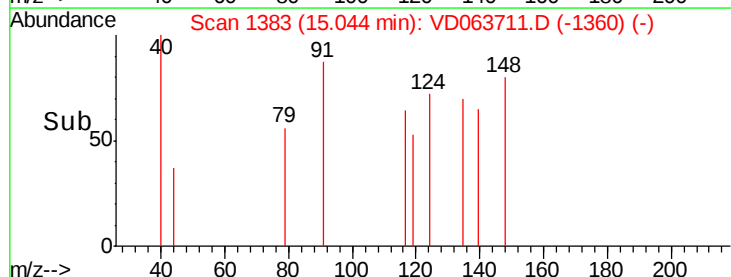
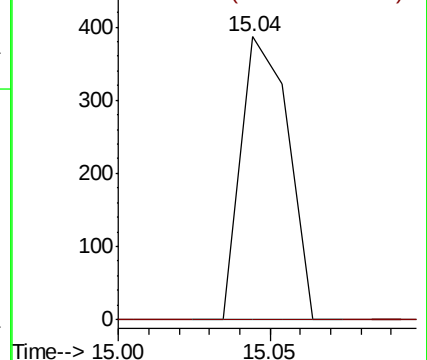
117 100

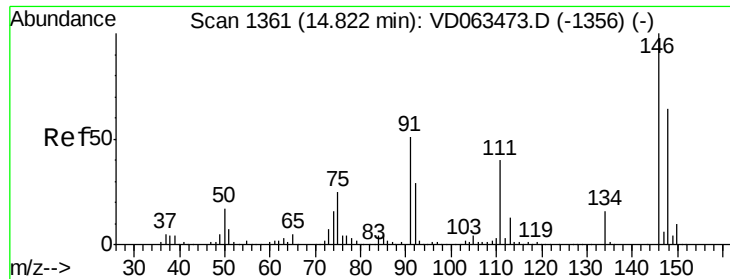
201 0.0 37.5 112.5#



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

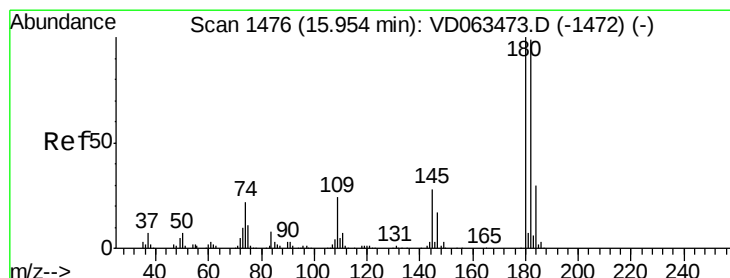
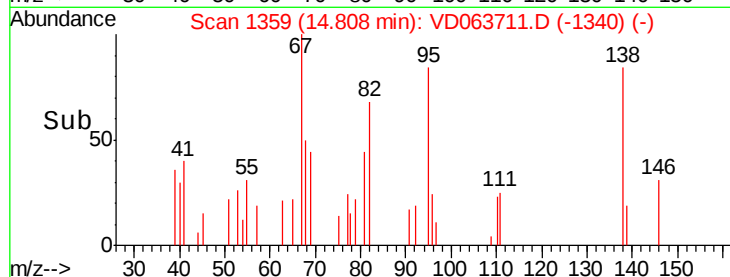
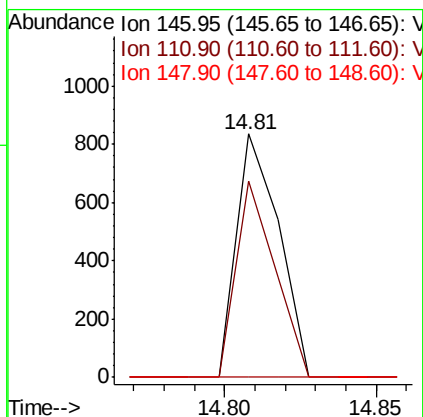
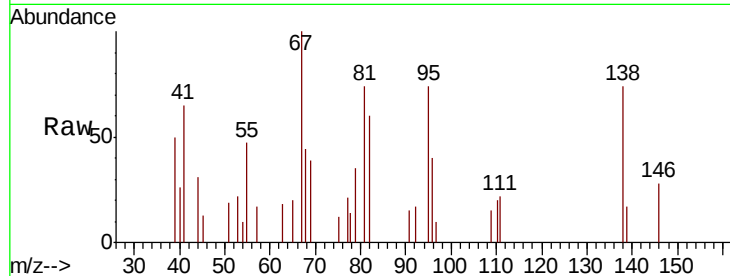




#91
 1,2-Dichlorobenzene
 Concen: 1.267 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD063711.D
 Acq: 21 Aug 2019 14:25

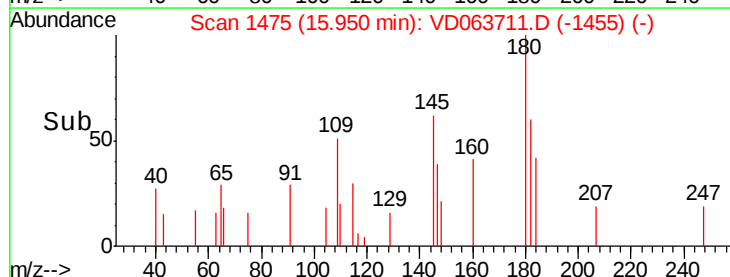
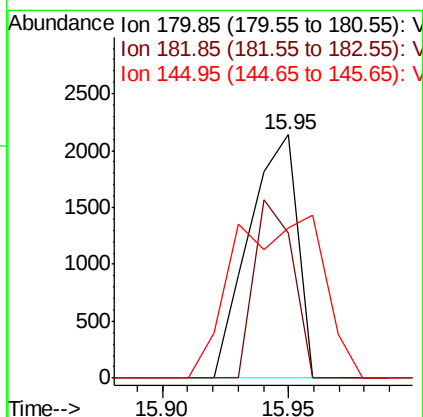
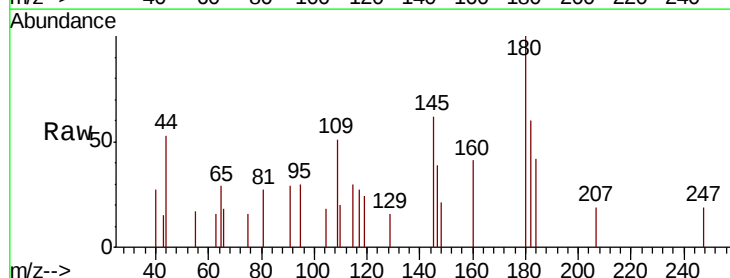
Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-5-9.2-9.7

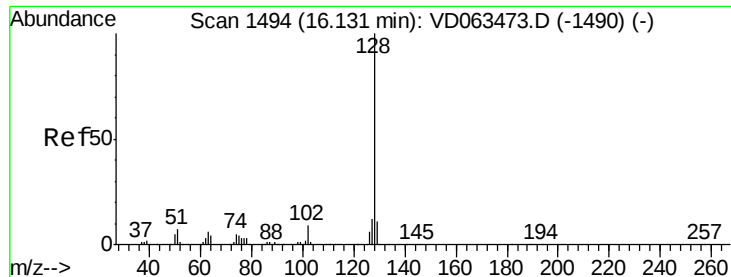
Tgt Ion:146 Resp: 815
 Ion Ratio Lower Upper
 146 100
 111 80.6 20.2 60.6#
 148 0.0 32.1 96.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 6.072 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD063711.D
 Acq: 21 Aug 2019 14:25

Tgt Ion:180 Resp: 2875
 Ion Ratio Lower Upper
 180 100
 182 59.6 49.7 149.1
 145 61.7 14.1 42.2#

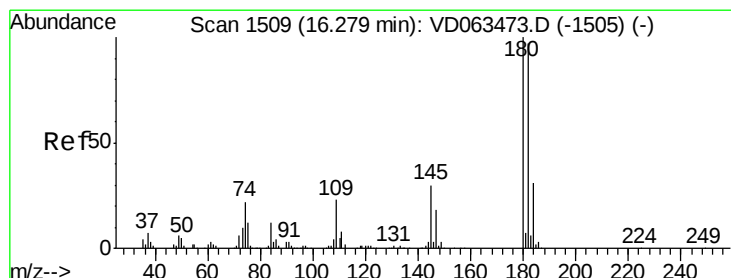
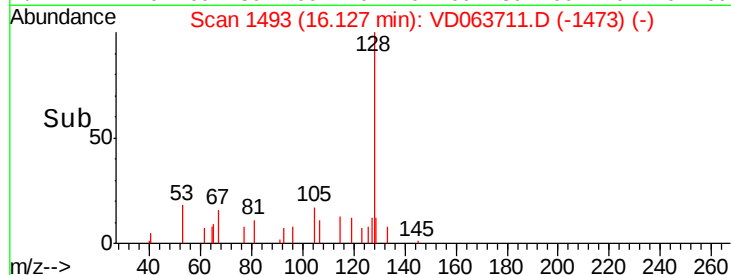
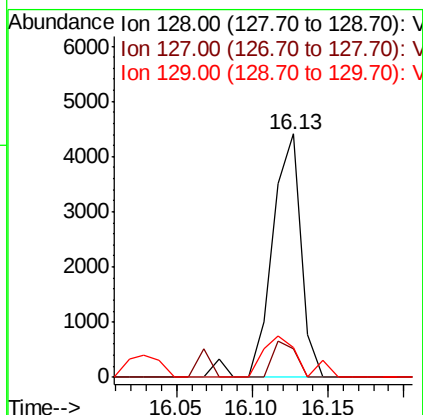
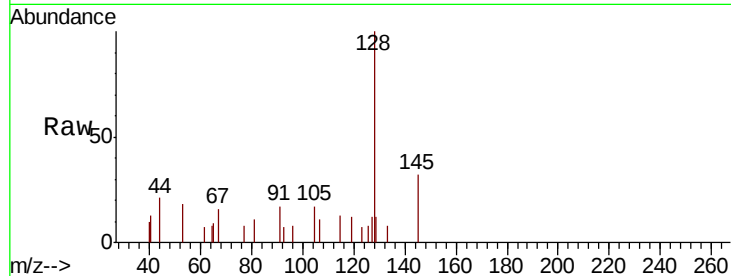




#95
Naphthalene
Concen: 8.270 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-5-9.2-9.7

Tgt Ion:128 Resp: 5934
Ion Ratio Lower Upper
128 100
127 10.6 9.4 14.0
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 4.344 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD063711.D
Acq: 21 Aug 2019 14:25

Tgt Ion:180 Resp: 1661
Ion Ratio Lower Upper
180 100
182 148.8 48.4 145.2#
145 164.9 14.9 44.9#

