

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
 Data File : VD063709.D
 Acq On : 21 Aug 2019 13:29
 Operator : JC/SY
 Sample : K4421-02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

Quant Time: Aug 22 01:25:18 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	40666	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	62532	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	63967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	32879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	62359	143.46	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	286.92%	
35) Dibromofluoromethane	6.92	113	55116	104.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	209.30%	
50) Toluene-d8	10.41	98	73951	63.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.74%	
62) 4-Bromofluorobenzene	13.55	95	37017	70.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.08%	

Target Compounds						Qvalue
3) Chloromethane	1.74	50	1306	3.398	ug/l #	41
5) Bromomethane	2.14	94	1005	5.582	ug/l #	11
6) Chloroethane	2.27	64	276	1.582	ug/l #	3
8) Diethyl Ether	2.82	74	332	3.142	ug/l	62
10) Methyl Iodide	3.31	142	1241	1.984	ug/l #	40
12) 1,1-Dichloroethene	3.10	96	380	1.156	ug/l #	1
13) Acrolein	2.99	56	298	15.999	ug/l	94
15) Acrylonitrile	4.20	53	461	9.198	ug/l #	13
16) Acetone	3.23	43	2733	30.929	ug/l #	65
18) Methyl Acetate	3.65	43	640	3.824	ug/l #	57
20) Methylene Chloride	3.81	84	1697	4.441	ug/l #	84
23) Vinyl Acetate	5.08	43	776	1.309	ug/l #	82
25) 2-Butanone	6.06	43	230	2.635	ug/l #	58
29) Tetrahydrofuran	6.48	42	576	14.164	ug/l #	35
30) Chloroform	6.65	83	1108	1.410	ug/l #	16
31) Cyclohexane	7.06	56	586	1.493	ug/l #	16
36) 1,1-Dichloropropene	7.05	75	2409	4.358	ug/l #	42
37) Ethyl Acetate	6.27	43	549	2.370	ug/l #	73
38) Carbon Tetrachloride	7.05	117	3159	3.792	ug/l #	13
51) 4-Methyl-2-Pentanone	10.31	43	332	1.564	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.85	63	1223	8.064	ug/l #	49
59) 2-Hexanone	11.55	43	179	1.159	ug/l #	30
67) Ethyl Benzene	12.66	91	2178	1.045	ug/l	96
68) m/p-Xylenes	12.67	106	909	1.241	ug/l #	65
71) Bromoform	13.21	173	416	1.150	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.55	75	14192	139.934	ug/l #	1
87) 1,3-Dichlorobenzene	14.54	146	1899	1.837	ug/l	74
88) 1,4-Dichlorobenzene	14.54	146	1899	1.915	ug/l	76
91) 1,2-Dichlorobenzene	14.80	146	1028	1.172	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	3105	4.811	ug/l	66
94) Hexachlorobutadiene	16.04	225	780	1.586	ug/l #	67
95) Naphthalene	16.12	128	4934	5.044	ug/l #	85
96) 1,2,3-Trichlorobenzene	16.27	180	2291	4.395	ug/l #	83

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SUNSET-PARK-SB-7-9-10

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

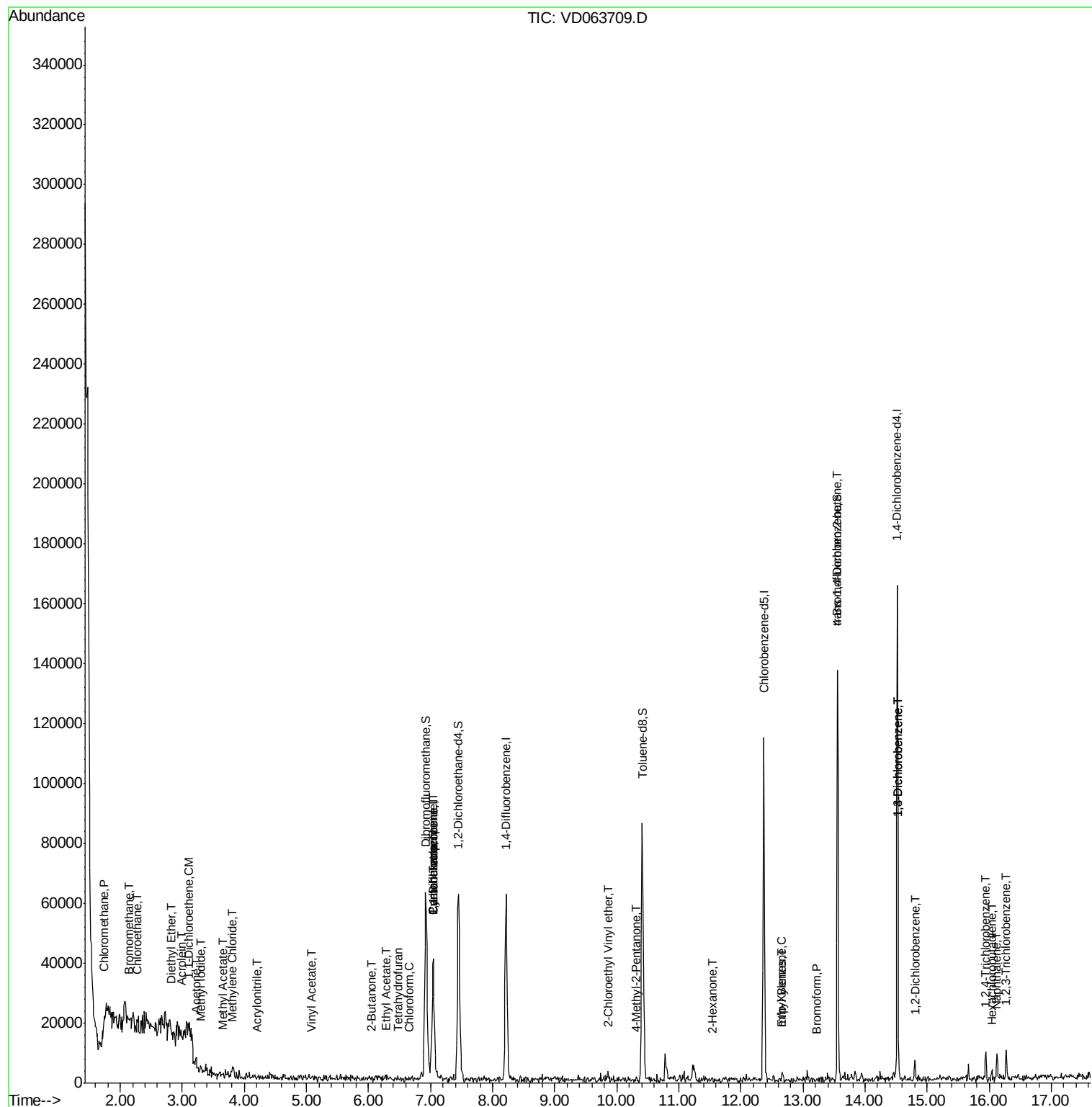
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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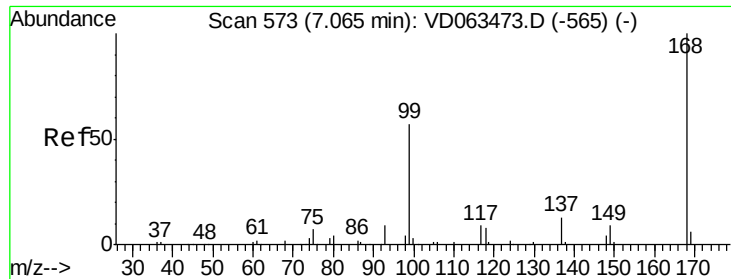
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
Data File : VD063709.D
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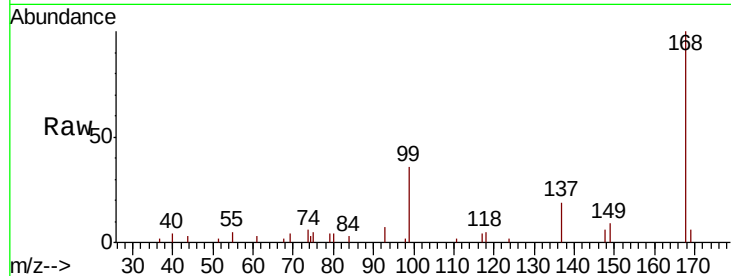




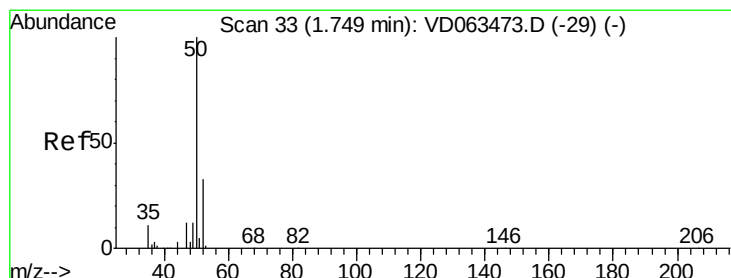
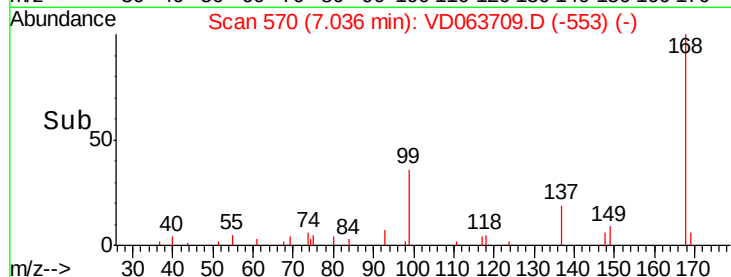
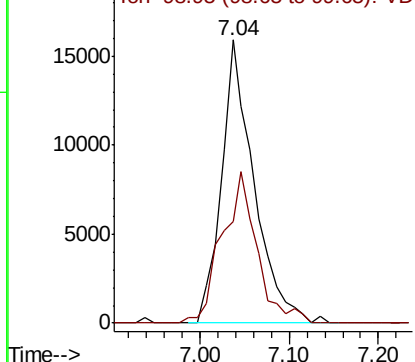
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-7-9-10

Tgt Ion: 168 Resp: 40666
Ion Ratio Lower Upper
168 100
99 35.8 46.7 70.1#

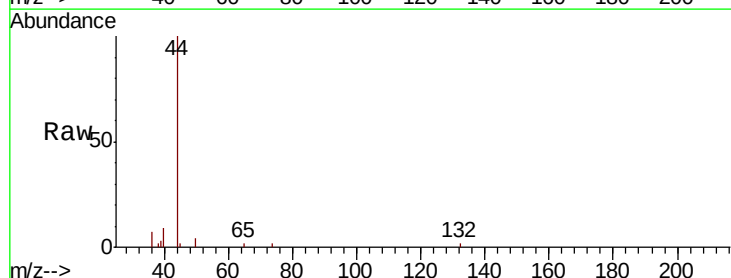


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

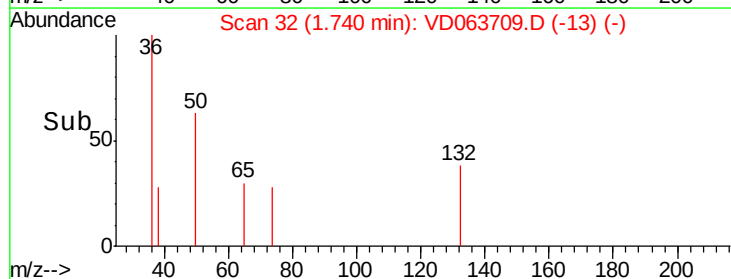
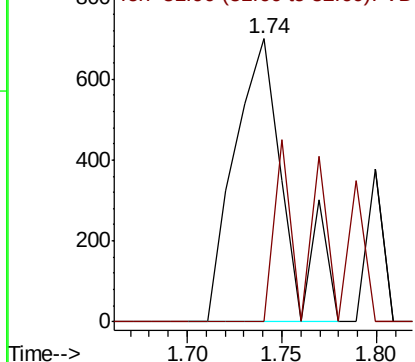


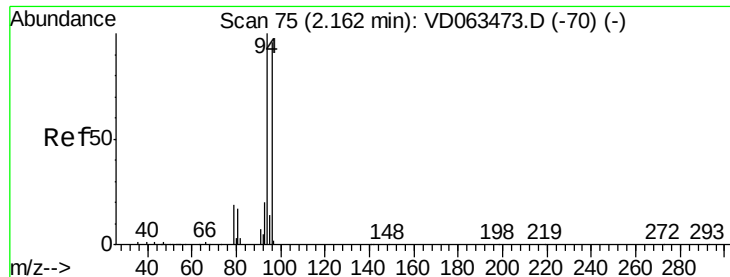
#3
Chloromethane
Concen: 3.398 ug/l
RT: 1.74 min Scan# 32
Delta R.T. -0.01 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

Tgt Ion: 50 Resp: 1306
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: 5.582 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

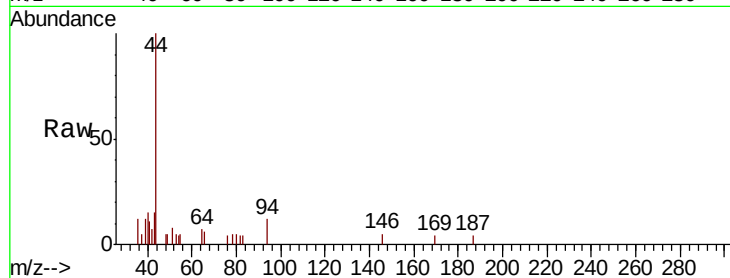
Tgt Ion: 94 Resp: 1005

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

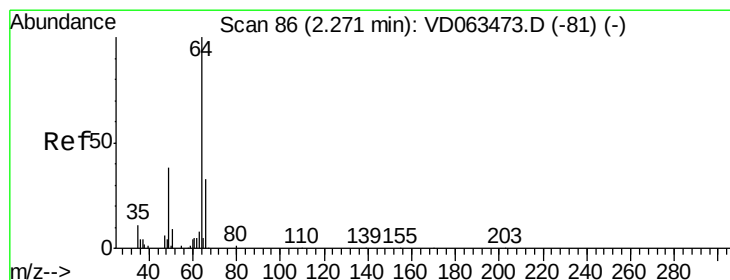
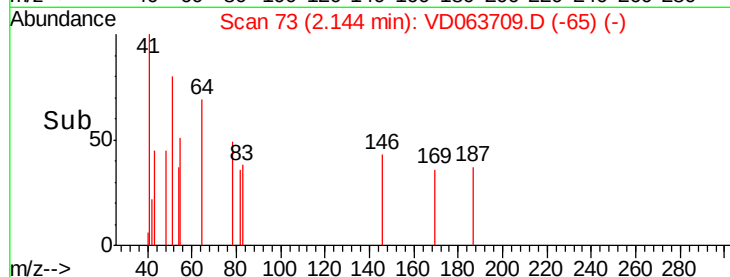
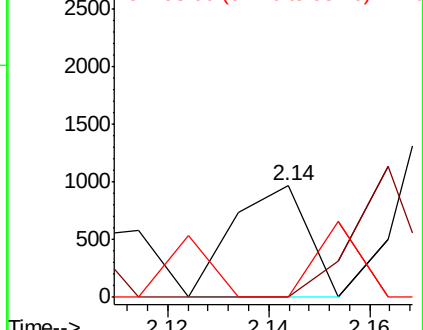
93 0.0 15.8 23.8#



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: 1.582 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.00 min

Lab File: VD063709.D

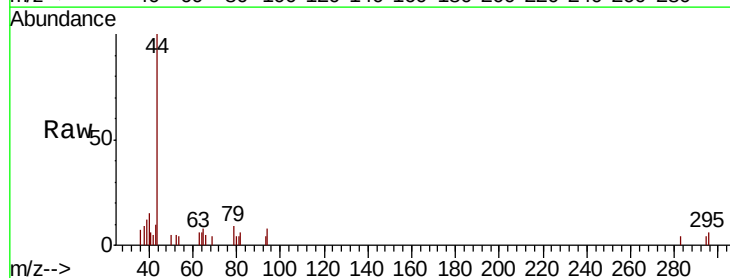
Acq: 21 Aug 2019 13:29

Tgt Ion: 64 Resp: 276

Ion Ratio Lower Upper

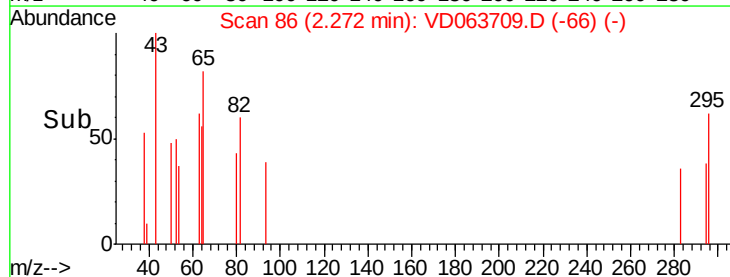
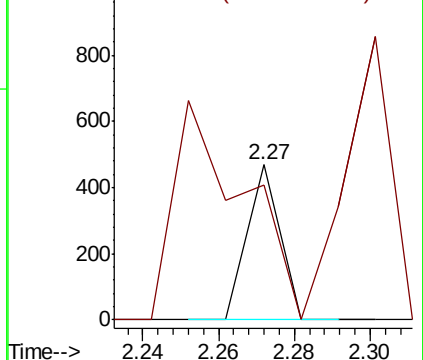
64 100

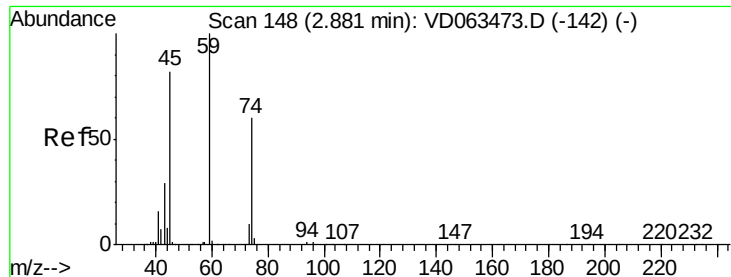
66 87.4 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#8

Diethyl Ether

Concen: 3.142 ug/l

RT: 2.82 min Scan# 142

Delta R.T. -0.06 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

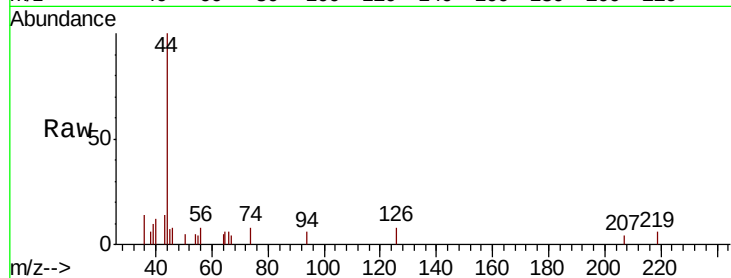
SUNSET-PARK-SB-7-9-10

Tgt Ion: 74 Resp: 332

Ion Ratio Lower Upper

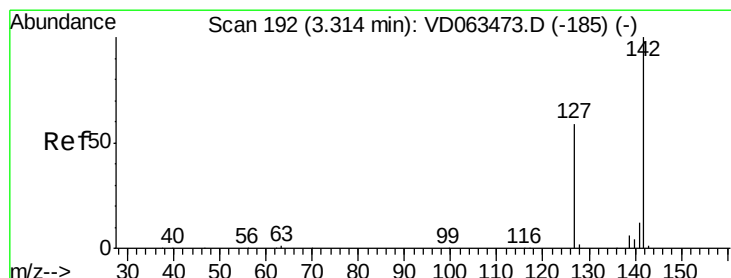
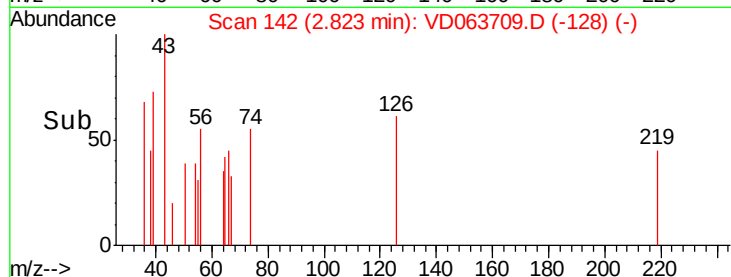
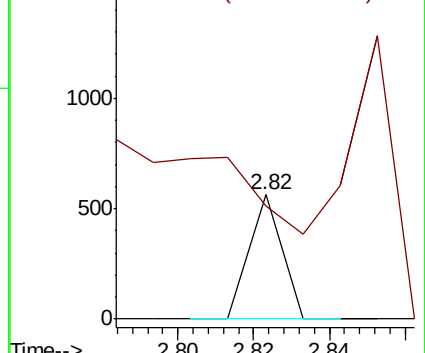
74 100

45 90.7 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: 1.984 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.01 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

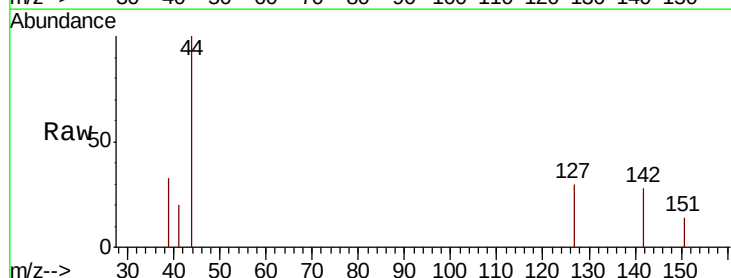
Tgt Ion: 142 Resp: 1241

Ion Ratio Lower Upper

142 100

127 108.0 47.2 70.8#

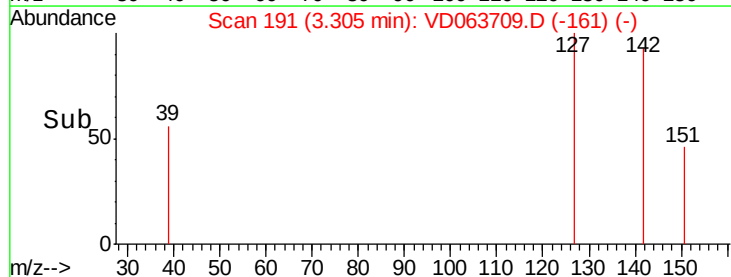
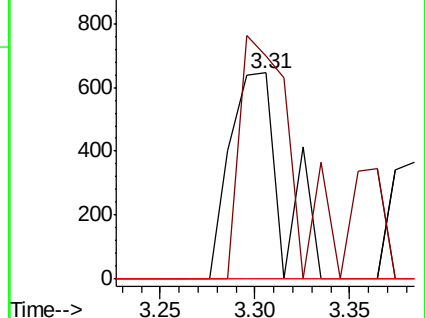
141 0.0 9.8 14.8#

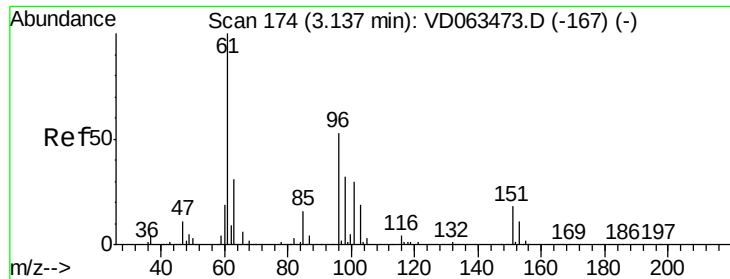


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

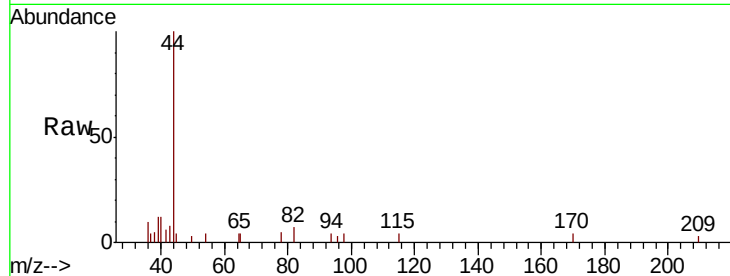




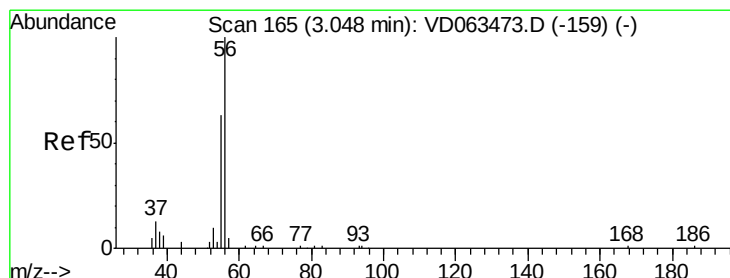
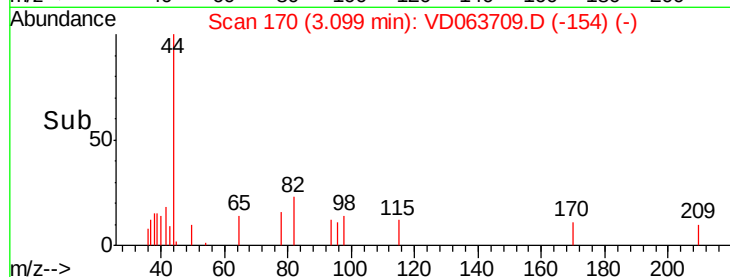
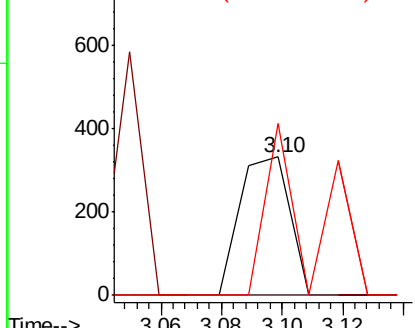
#12
 1,1-Dichloroethene
 Concen: 1.156 ug/l
 RT: 3.10 min Scan# 170
 Delta R.T. -0.04 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

Tgt Ion: 96 Resp: 380
 Ion Ratio Lower Upper
 96 100
 61 0.0 151.7 227.5#
 98 123.8 48.4 72.6#

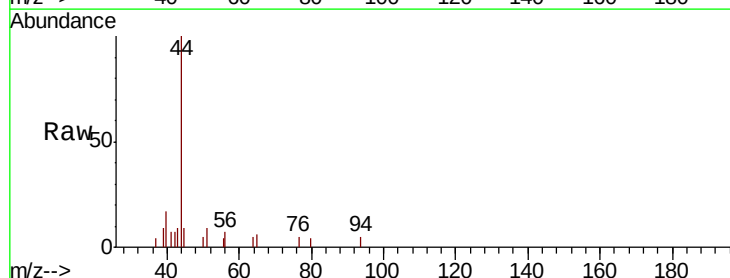


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC

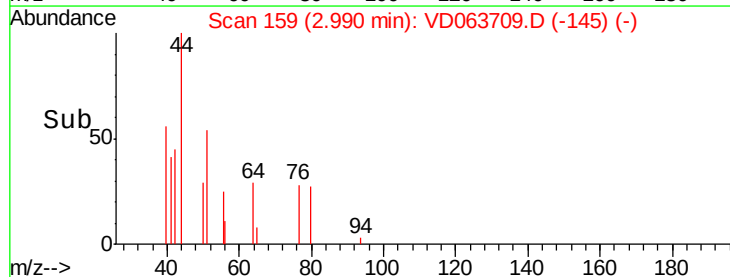
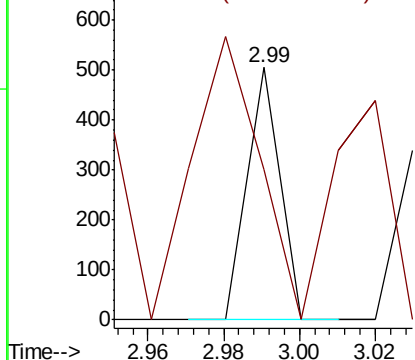


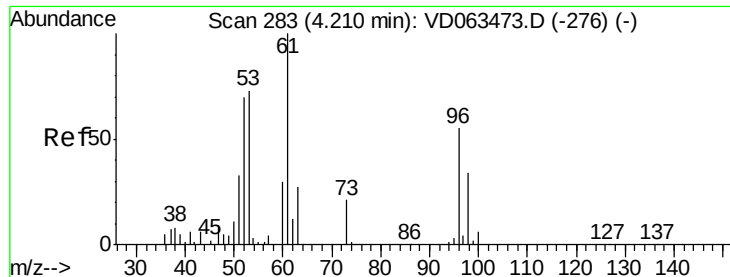
#13
 Acrolein
 Concen: 15.999 ug/l
 RT: 2.99 min Scan# 159
 Delta R.T. -0.06 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

Tgt Ion: 56 Resp: 298
 Ion Ratio Lower Upper
 56 100
 55 59.6 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: 9.198 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

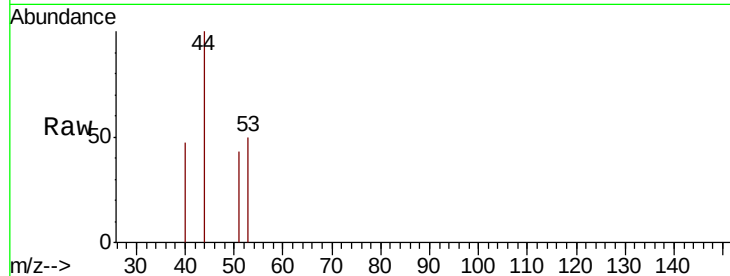
Tgt Ion: 53 Resp: 461

Ion Ratio Lower Upper

53 100

52 0.0 77.4 116.0#

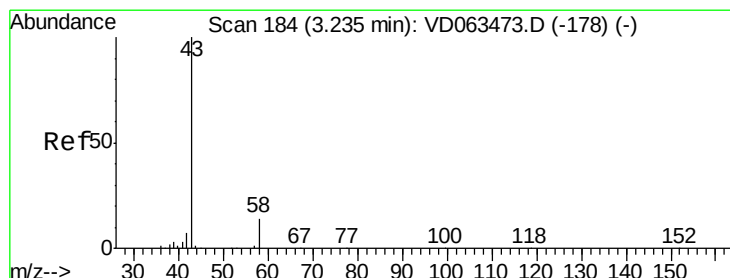
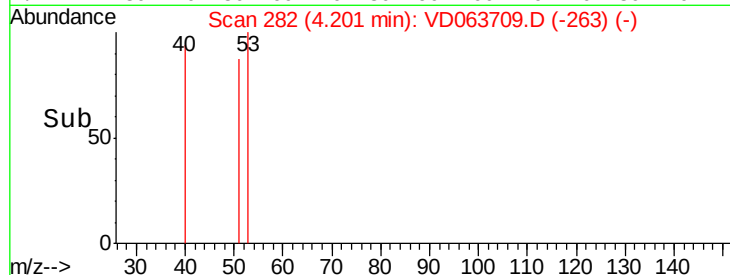
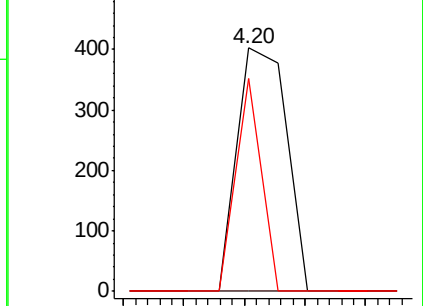
51 87.3 36.7 55.1#



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: 30.929 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063709.D

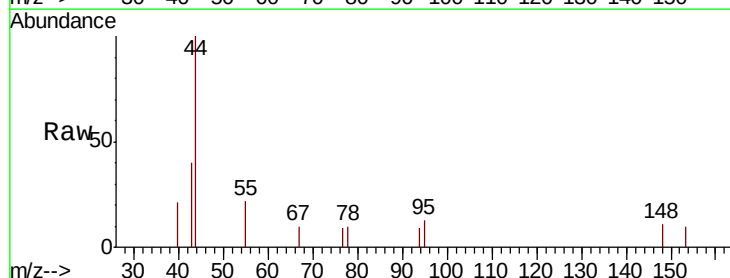
Acq: 21 Aug 2019 13:29

Tgt Ion: 43 Resp: 2733

Ion Ratio Lower Upper

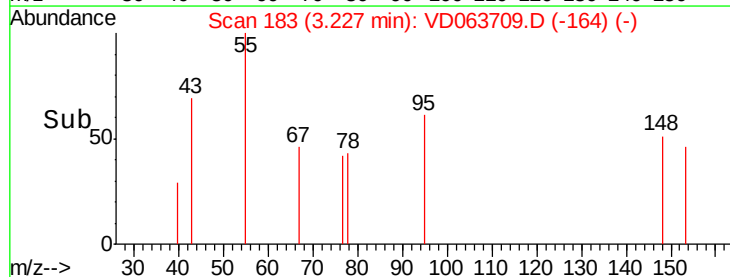
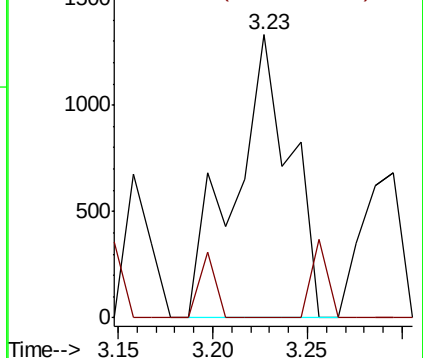
43 100

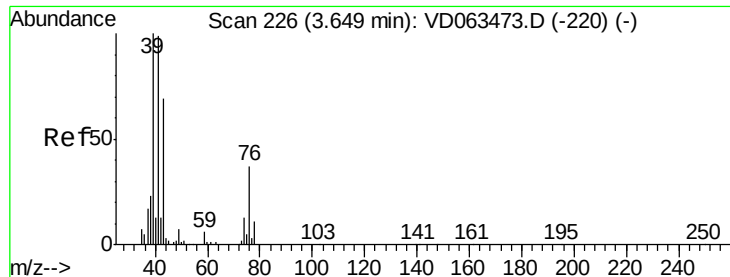
58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

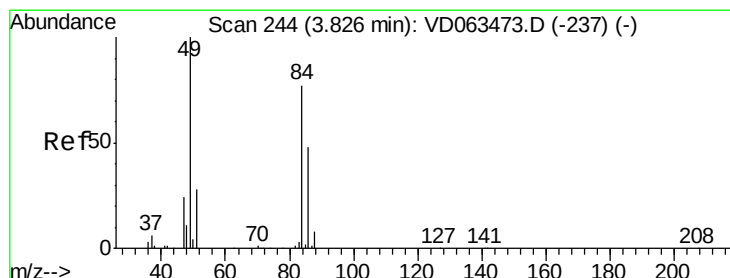
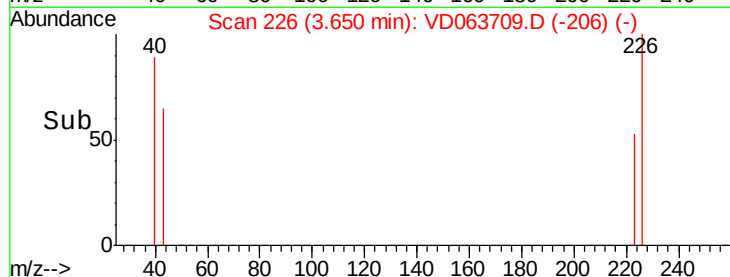
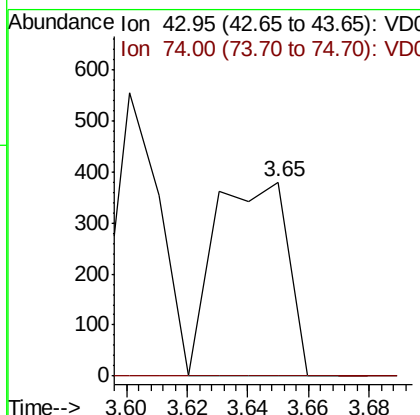
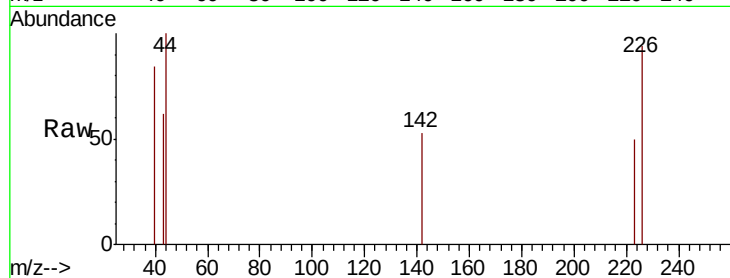




#18
Methyl Acetate
Concen: 3.824 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

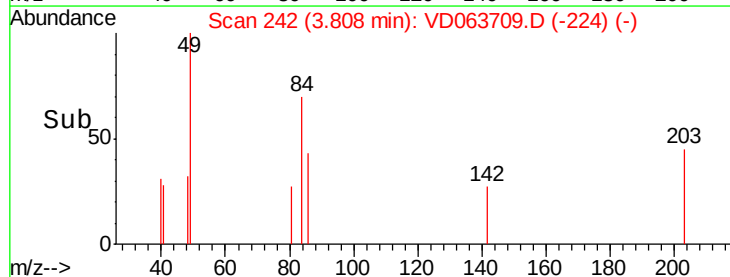
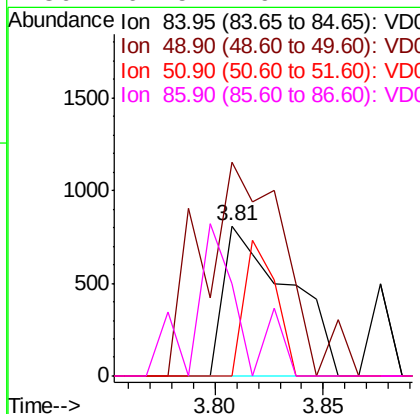
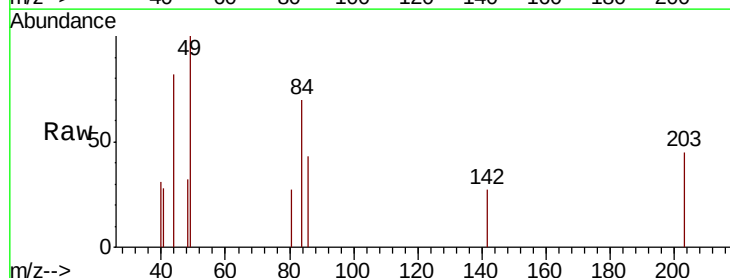
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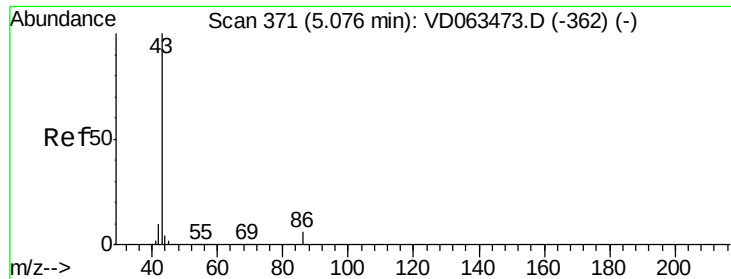
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 4.441 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

Tgt Ion: 84 Resp: 1697
Ion Ratio Lower Upper
84 100
49 142.0 103.4 155.2
51 0.0 28.5 42.7#
86 61.5 49.4 74.2





#23

Vinyl Acetate

Concen: 1.309 ug/l

RT: 5.08 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

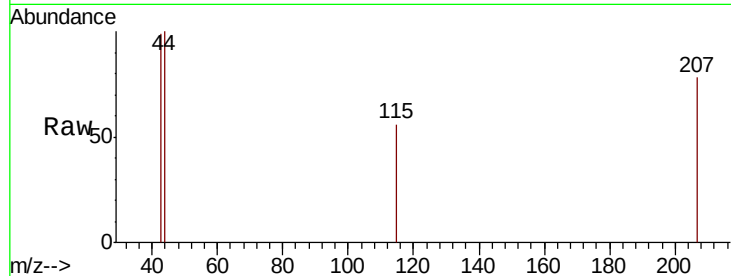
SUNSET-PARK-SB-7-9-10

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

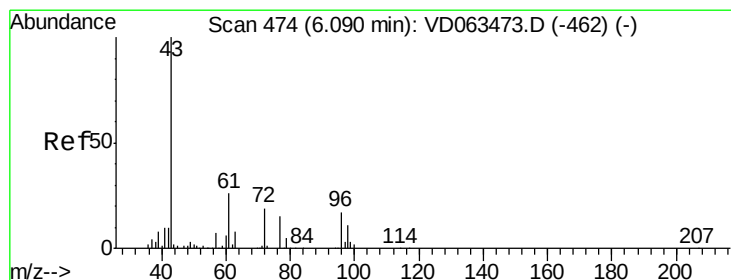
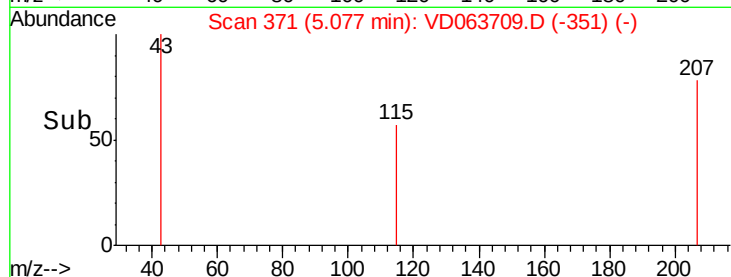
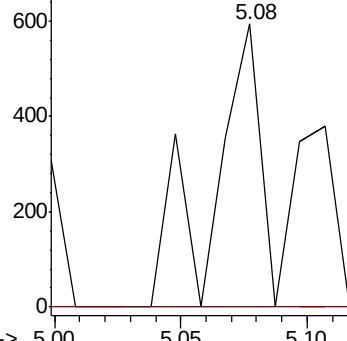
43 100

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: 2.635 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.03 min

Lab File: VD063709.D

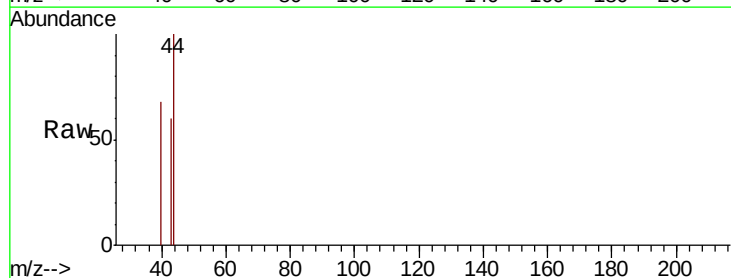
Acq: 21 Aug 2019 13:29

Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

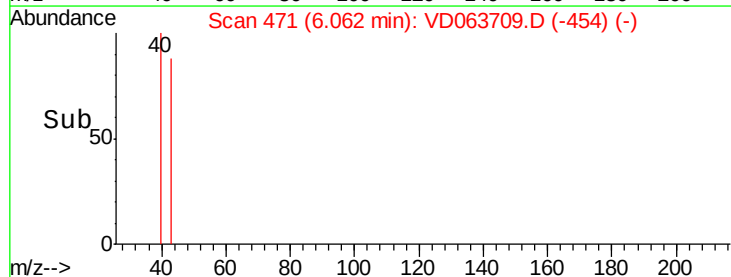
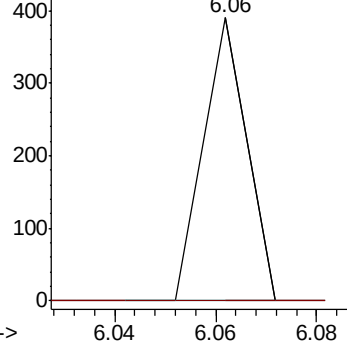
43 100

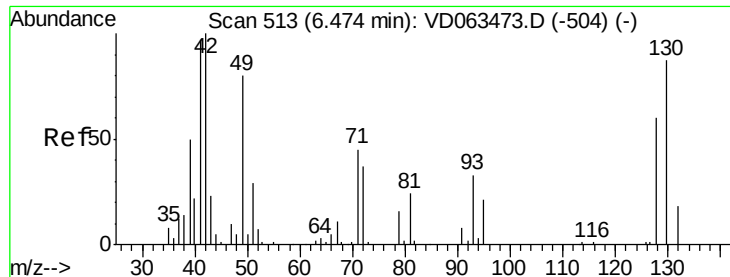
72 0.0 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 14.164 ug/l

RT: 6.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

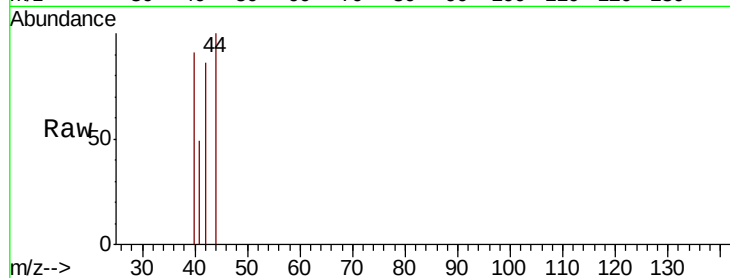
Tgt Ion: 42 Resp: 576

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

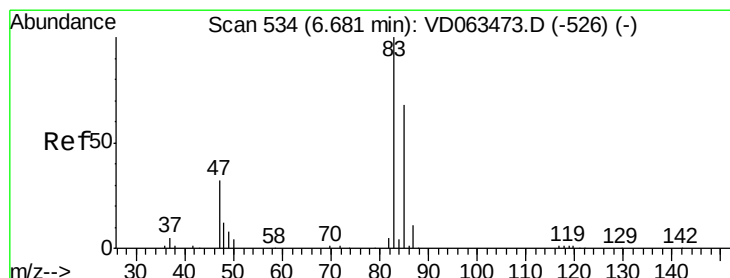
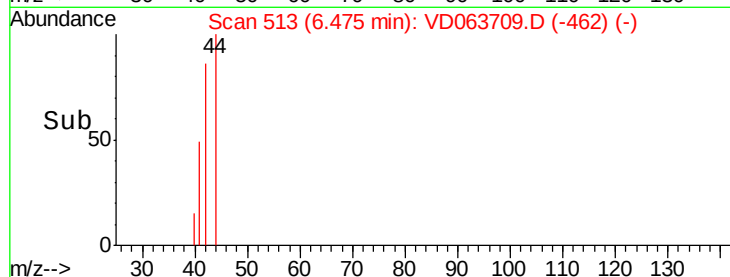
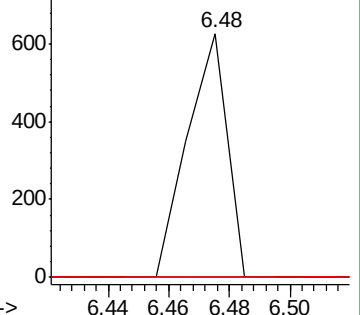
71 0.0 33.8 50.8#



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



#30

Chloroform

Concen: 1.410 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.03 min

Lab File: VD063709.D

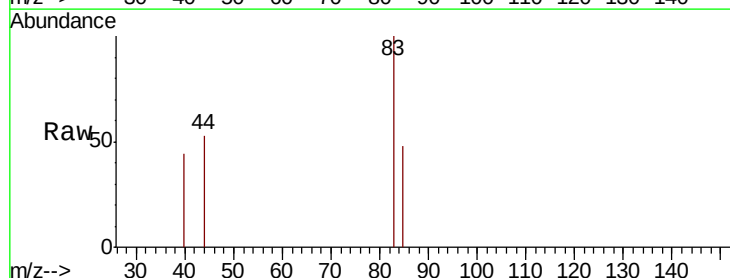
Acq: 21 Aug 2019 13:29

Tgt Ion: 83 Resp: 1108

Ion Ratio Lower Upper

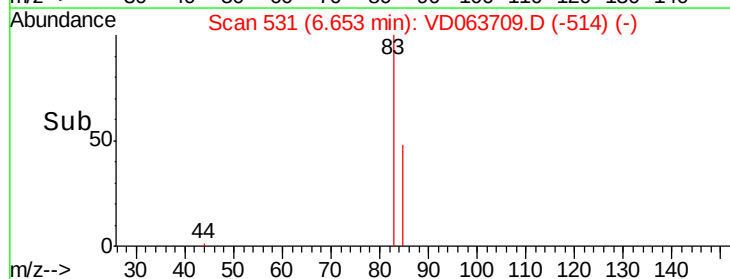
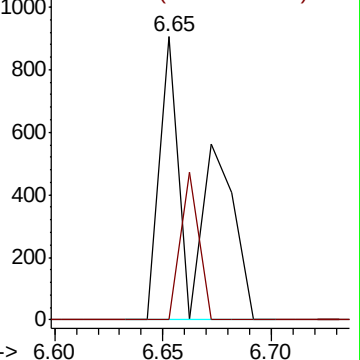
83 100

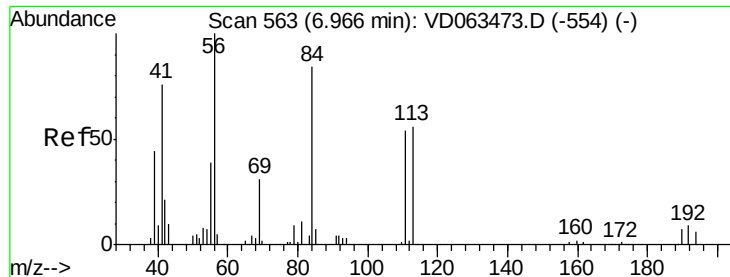
85 0.0 54.8 82.2#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

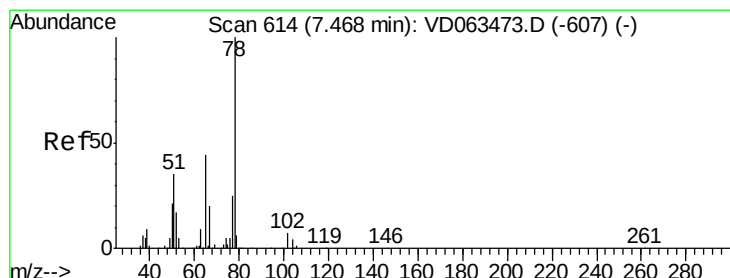
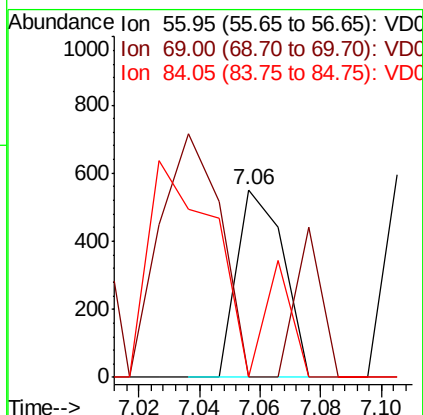
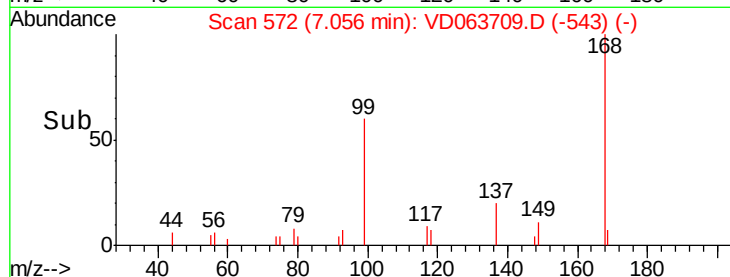
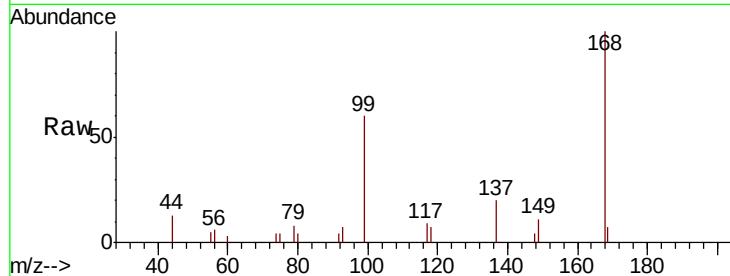




#31
Cyclohexane
Concen: 1.493 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

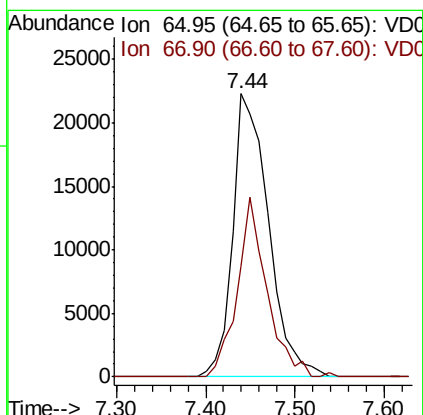
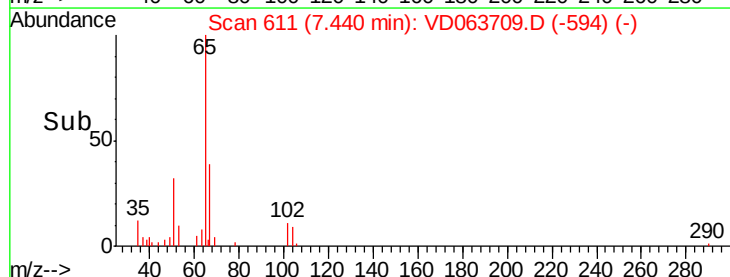
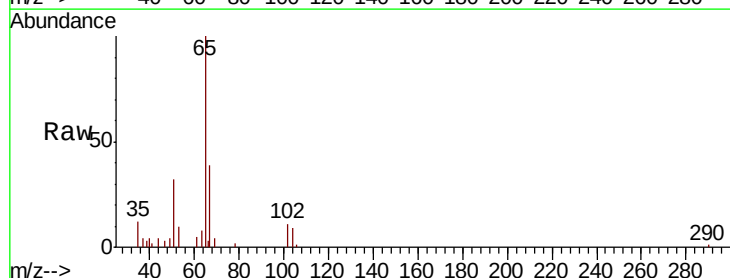
Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-7-9-10

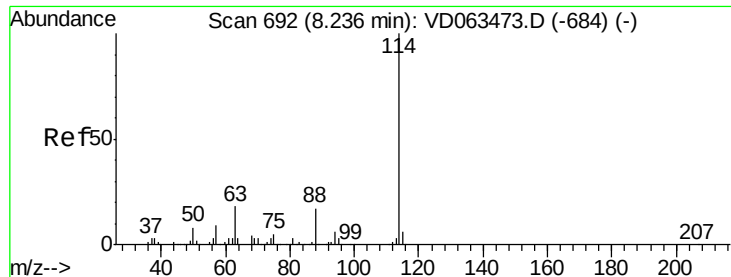
Tgt Ion: 56 Resp: 586
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.6#
84 0.0 69.7 104.5#



#33
1,2-Dichloroethane-d4
Concen: 143.457 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

Tgt Ion: 65 Resp: 62359
Ion Ratio Lower Upper
65 100
67 39.0 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: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

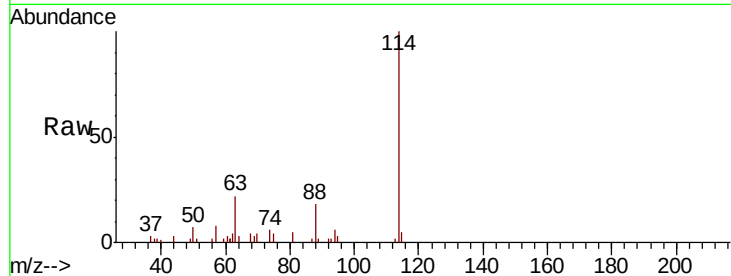
Tgt Ion:114 Resp: 62532

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.2

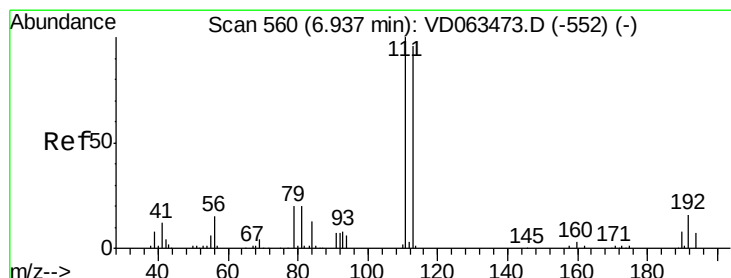
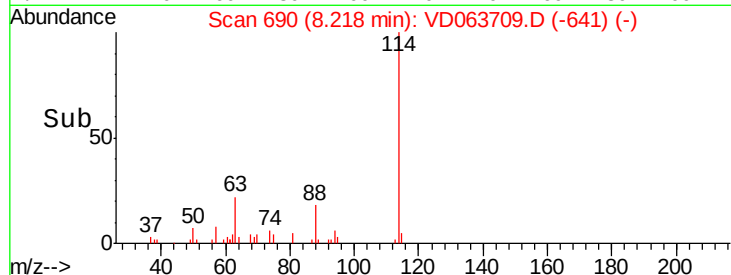
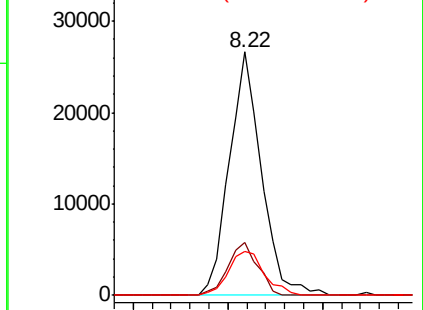
88 18.0 0.0 35.0



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: 104.654 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

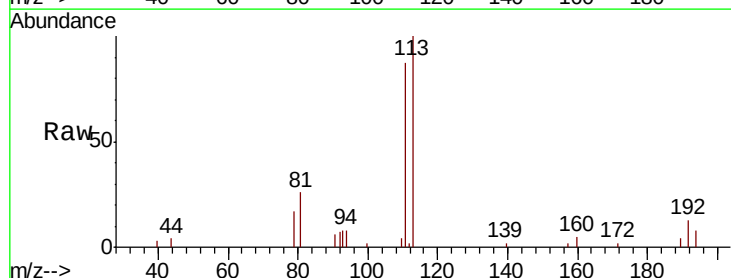
Tgt Ion:113 Resp: 55116

Ion Ratio Lower Upper

113 100

111 87.0 83.1 124.7

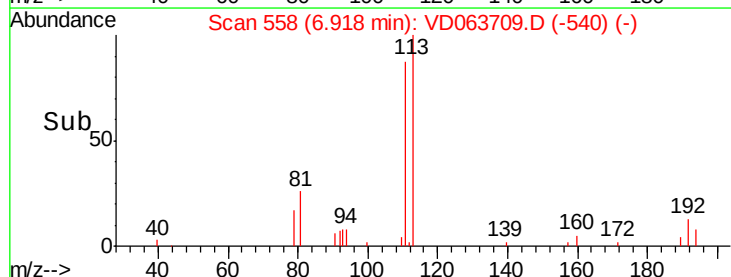
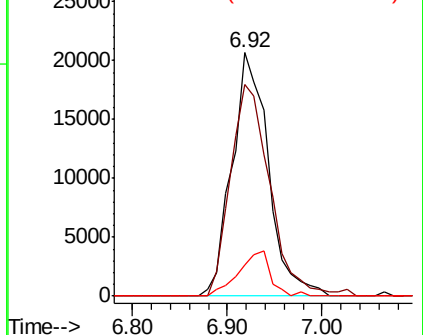
192 12.6 13.1 19.7#

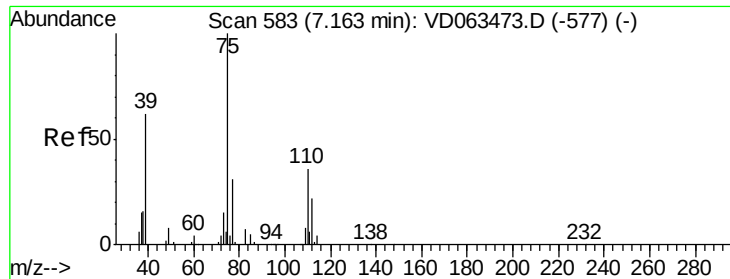


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

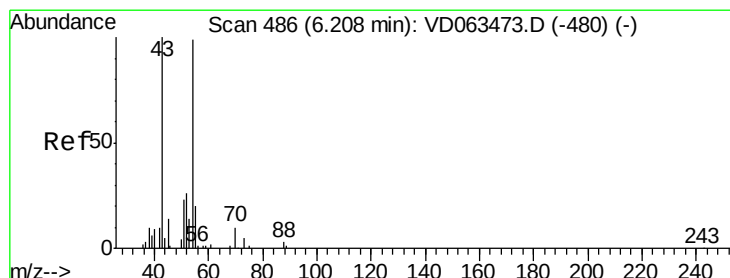
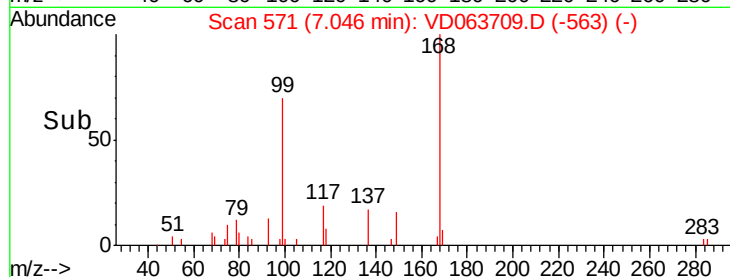
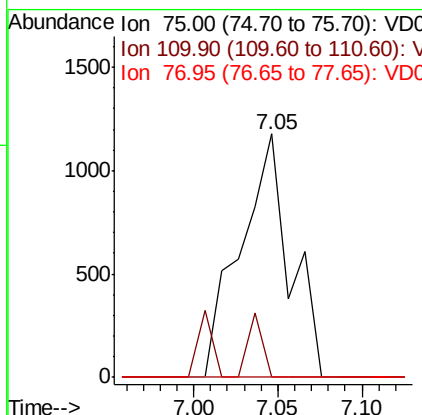
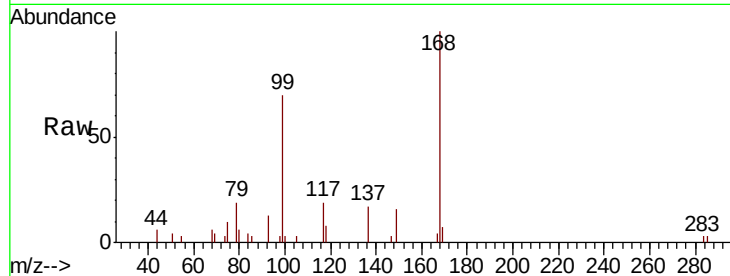




#36
 1,1-Dichloropropene
 Concen: 4.358 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.12 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

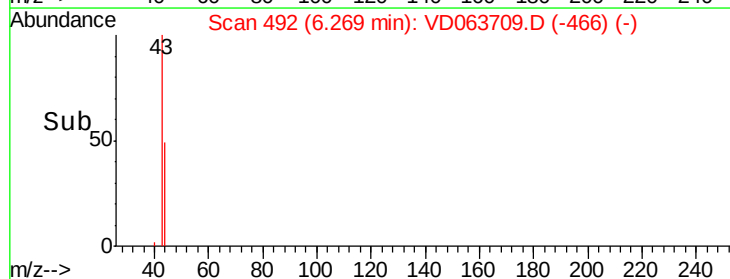
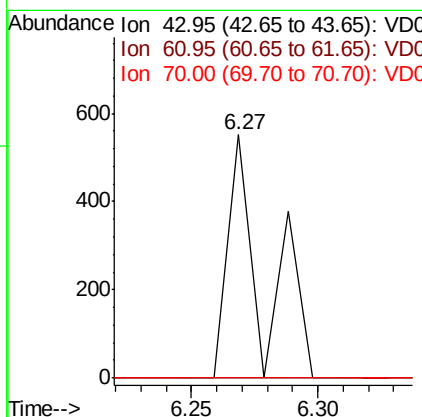
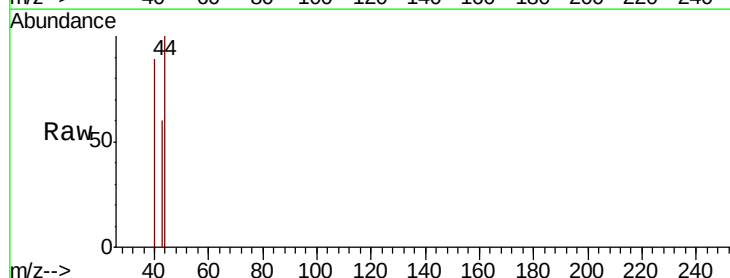
Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

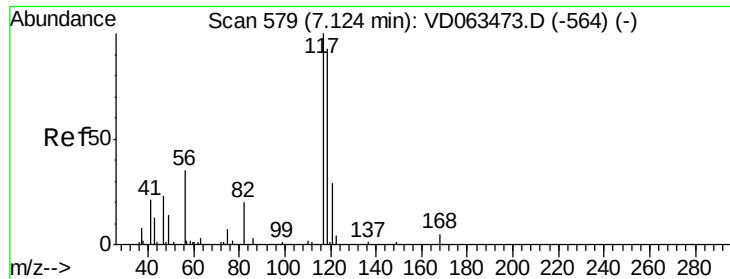
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.6	52.8#
77	0.0	24.3	36.5#



#37
 Ethyl Acetate
 Concen: 2.370 ug/l
 RT: 6.27 min Scan# 492
 Delta R.T. 0.06 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

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





#38

Carbon Tetrachloride

Concen: 3.792 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

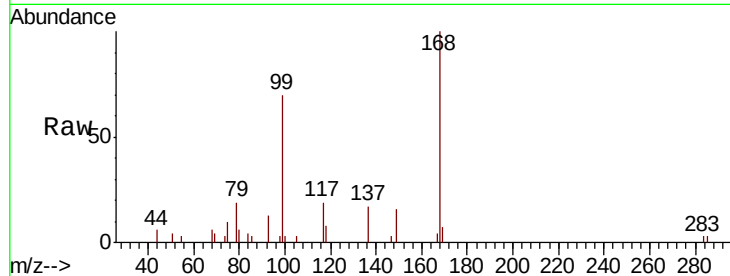
Tgt Ion:117 Resp: 3159

Ion Ratio Lower Upper

117 100

119 0.0 74.2 111.2#

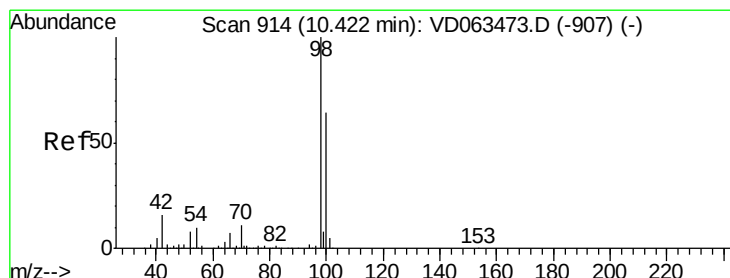
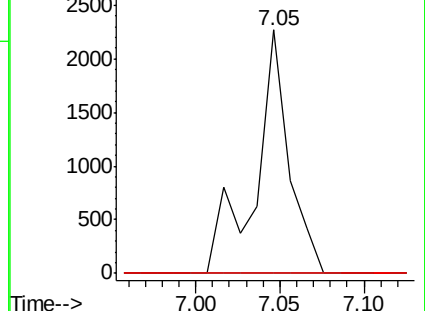
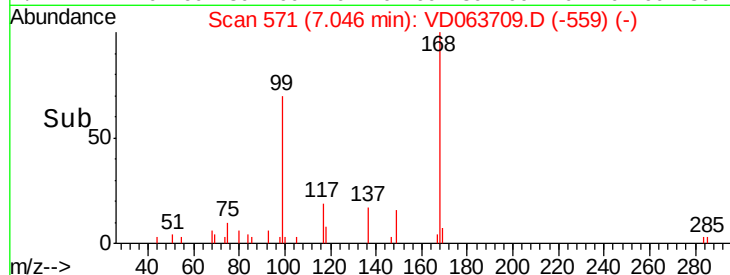
121 0.0 23.1 34.7#



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



#50

Toluene-d8

Concen: 63.869 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063709.D

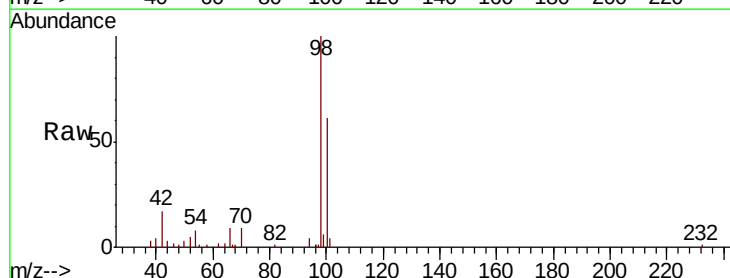
Acq: 21 Aug 2019 13:29

Tgt Ion: 98 Resp: 73951

Ion Ratio Lower Upper

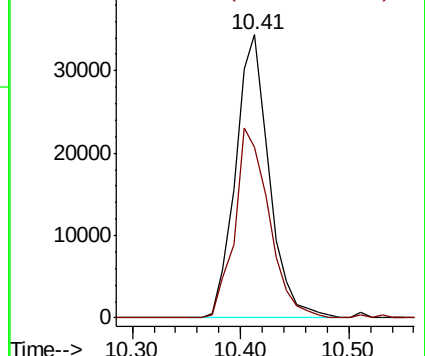
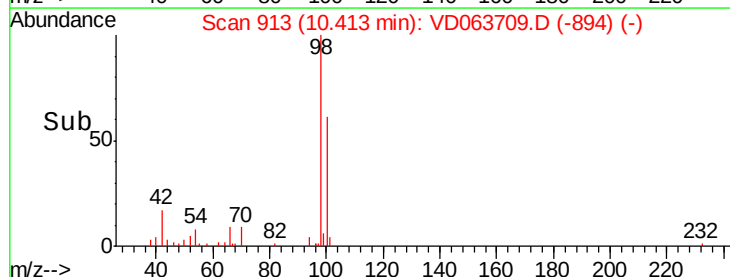
98 100

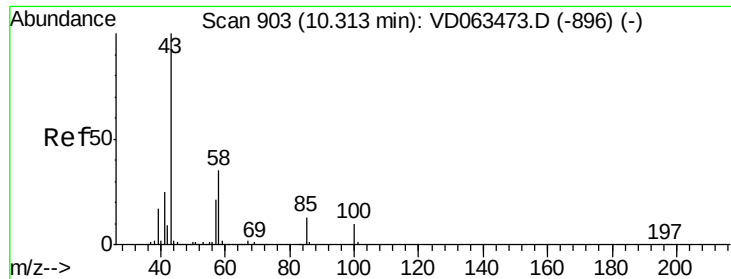
100 60.5 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.564 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.00 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

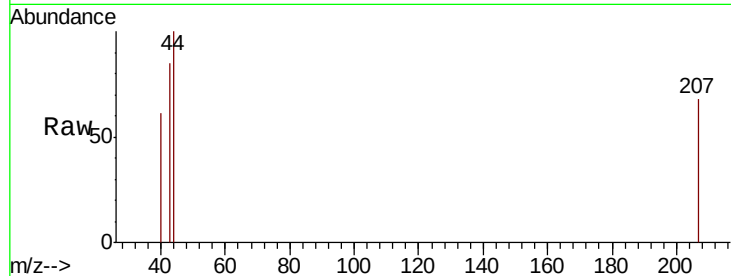
SUNSET-PARK-SB-7-9-10

Tgt Ion: 43 Resp: 332

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

10.31

600

500

400

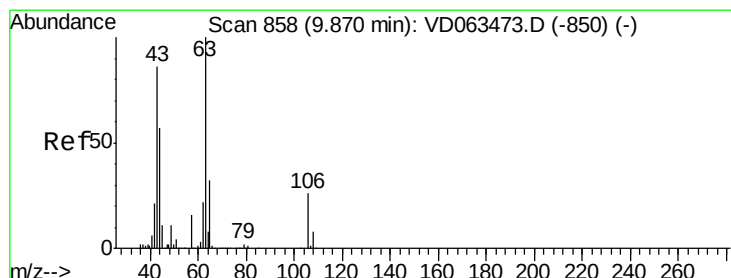
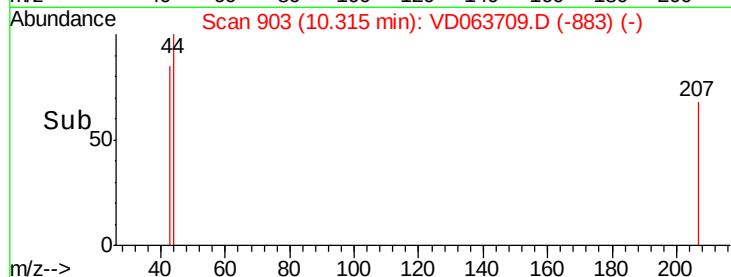
300

200

100

0

Time--> 10.28 10.30 10.32 10.34



#58

2-Chloroethyl Vinyl ether

Concen: 8.064 ug/l

RT: 9.85 min Scan# 856

Delta R.T. -0.02 min

Lab File: VD063709.D

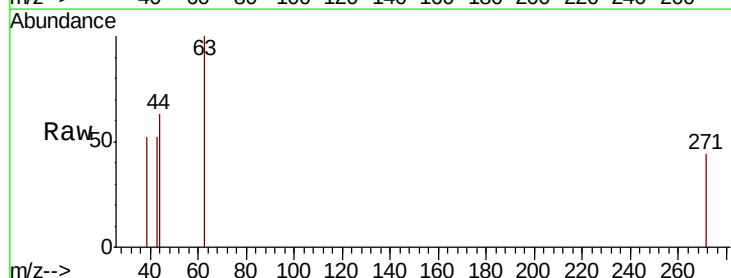
Acq: 21 Aug 2019 13:29

Tgt Ion: 63 Resp: 1223

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): V

9.85

800

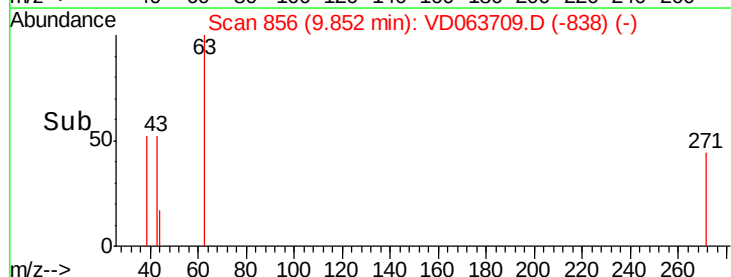
600

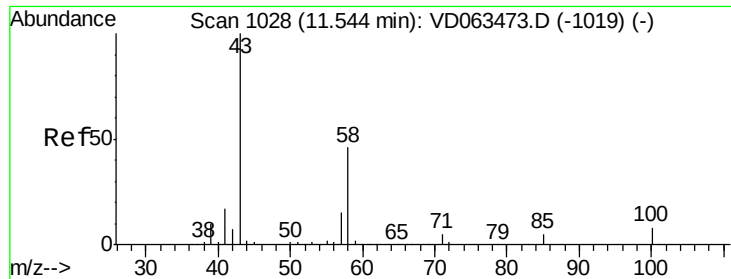
400

200

0

Time--> 9.80 9.85 9.90

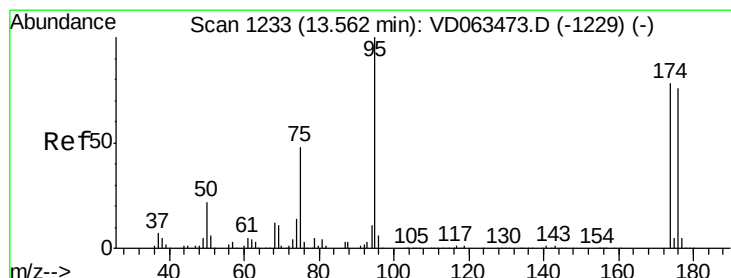
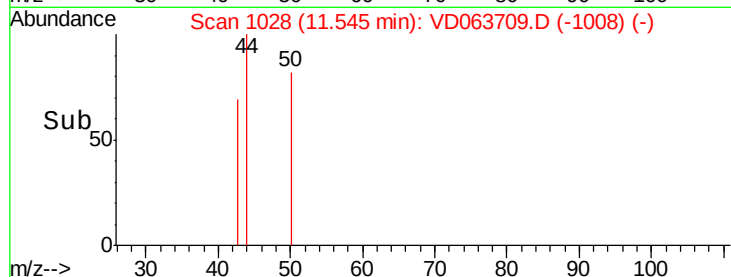
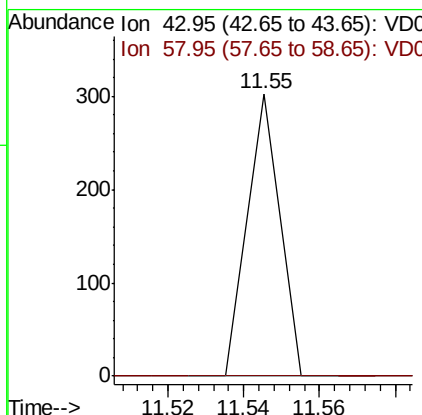
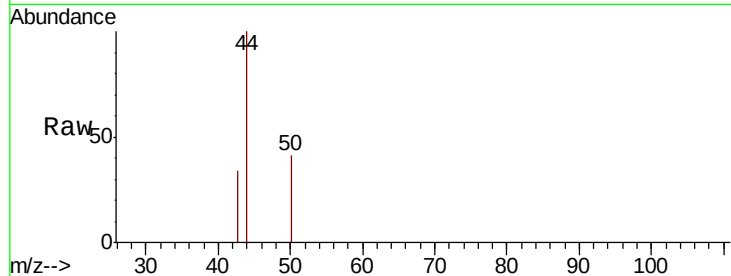




#59
2-Hexanone
Concen: 1.159 ug/l
RT: 11.55 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

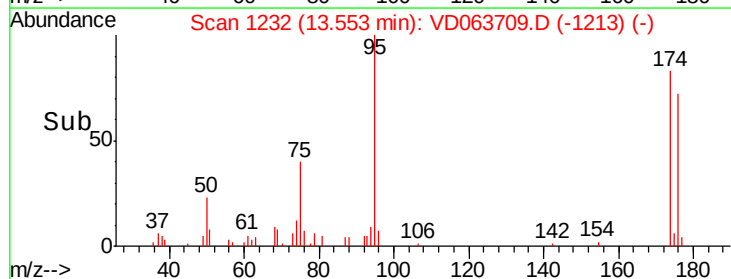
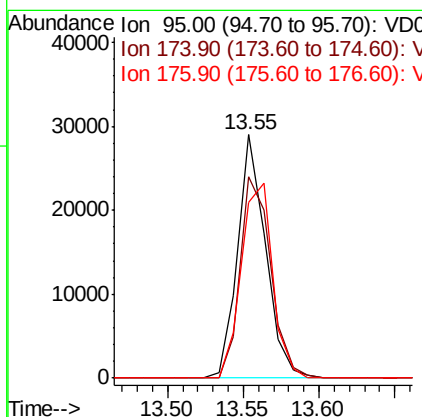
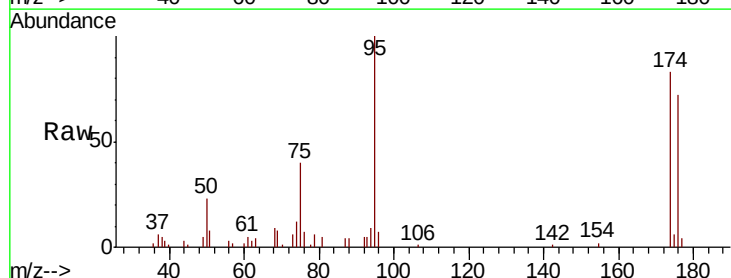
Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-7-9-10

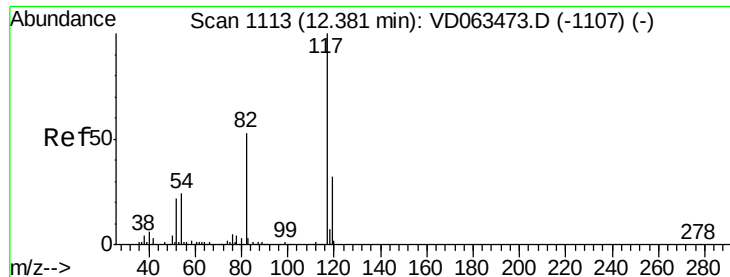
Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 23.1 69.2#



#62
4-Bromofluorobenzene
Concen: 70.537 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

Tgt Ion: 95 Resp: 37017
Ion Ratio Lower Upper
95 100
174 82.7 0.0 155.4
176 72.0 0.0 152.4

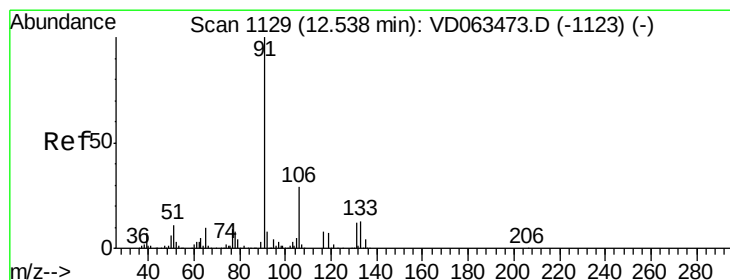
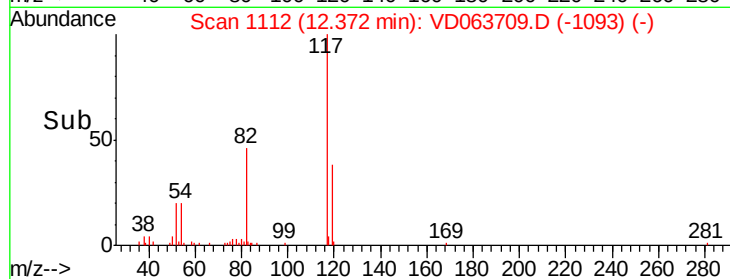
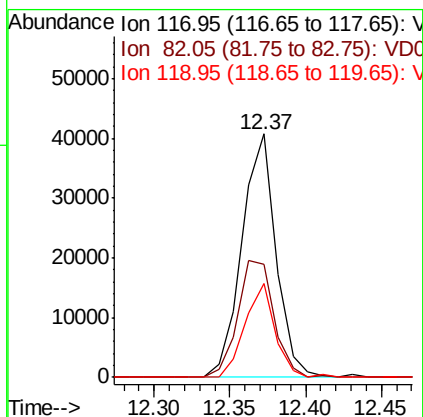
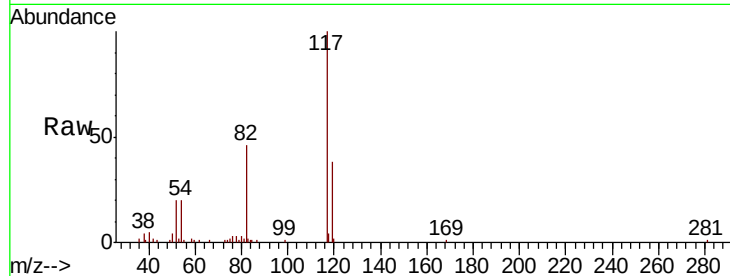




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

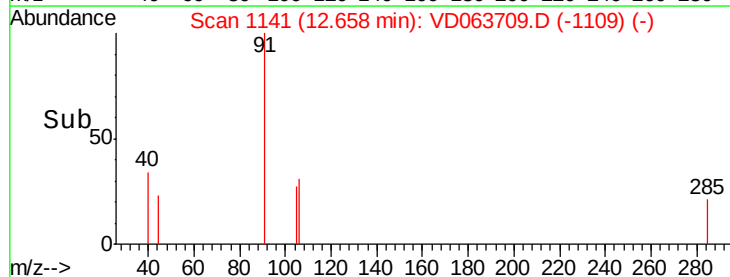
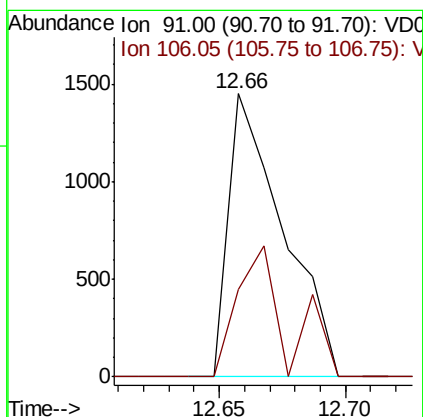
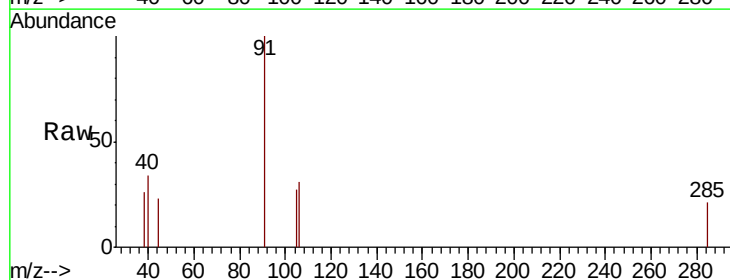
Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-7-9-10

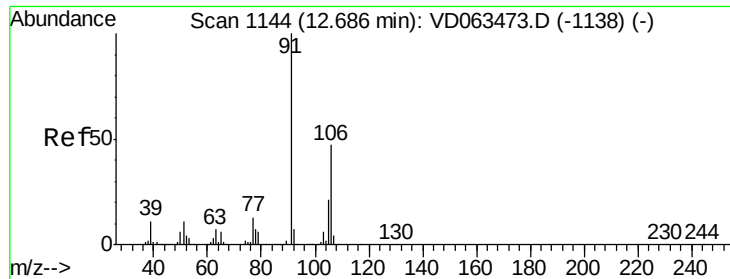
Tgt Ion: 117 Resp: 63967
Ion Ratio Lower Upper
117 100
82 46.3 42.0 63.0
119 38.3 25.4 38.0#



#67
Ethyl Benzene
Concen: 1.045 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. 0.12 min
Lab File: VD063709.D
Acq: 21 Aug 2019 13:29

Tgt Ion: 91 Resp: 2178
Ion Ratio Lower Upper
91 100
106 30.8 23.1 34.7





#68

m/p-Xylenes

Concen: 1.241 ug/l

RT: 12.67 min Scan# 1142

Delta R.T. -0.02 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

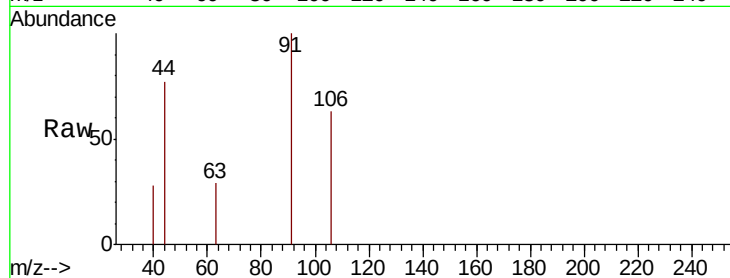
SUNSET-PARK-SB-7-9-10

Tgt Ion:106 Resp: 909

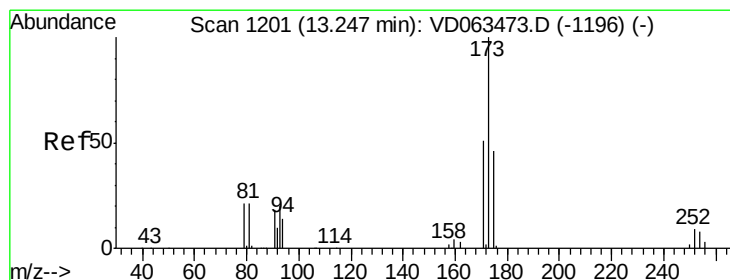
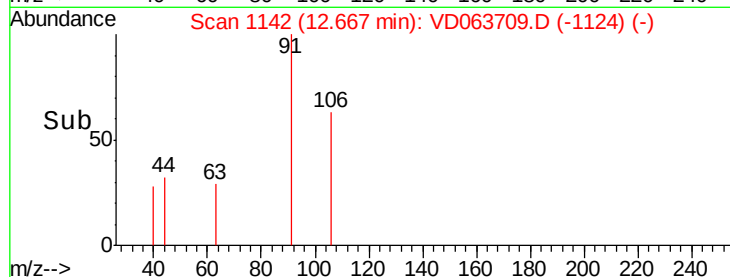
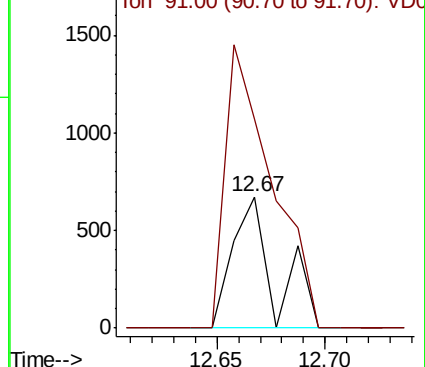
Ion Ratio Lower Upper

106 100

91 159.6 171.8 257.8#



Abundance Ion 106.05 (105.75 to 106.75): V



#71

Bromoform

Concen: 1.150 ug/l

RT: 13.21 min Scan# 1197

Delta R.T. -0.04 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

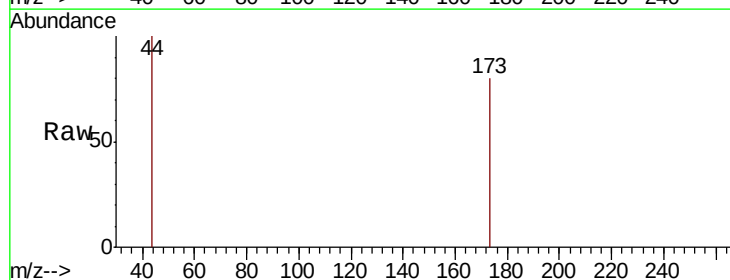
Tgt Ion:173 Resp: 416

Ion Ratio Lower Upper

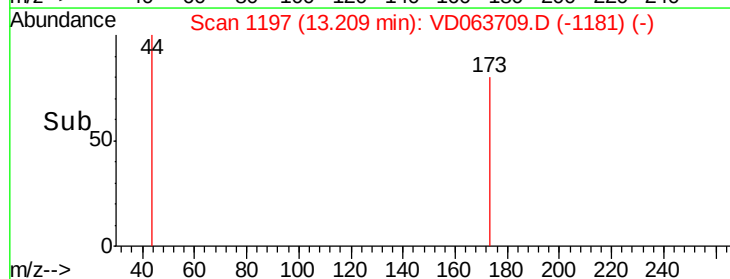
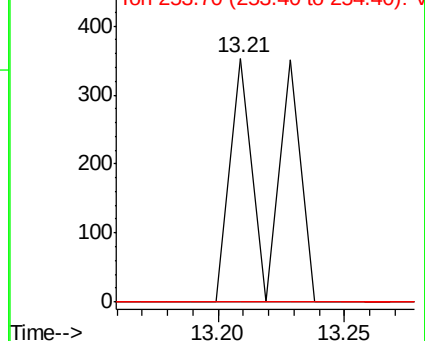
173 100

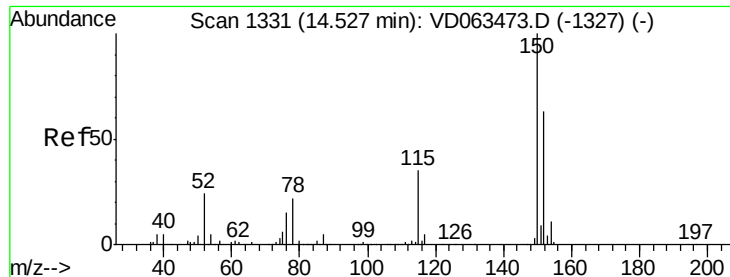
175 0.0 22.8 68.3#

254 0.0 6.6 9.8#



Abundance Ion 172.80 (172.50 to 173.50): 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: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

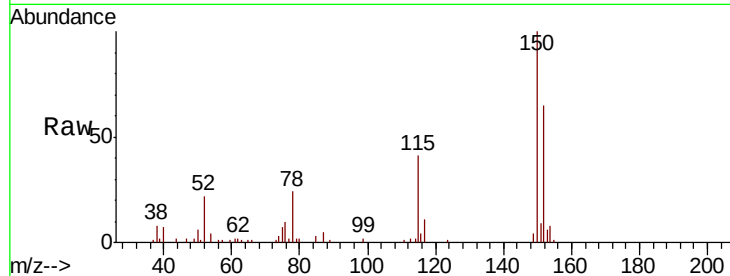
Tgt Ion:152 Resp: 32879

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.7

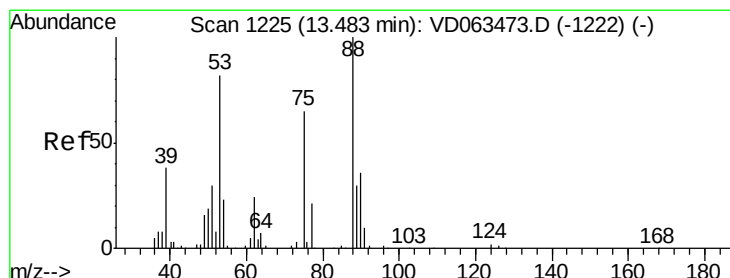
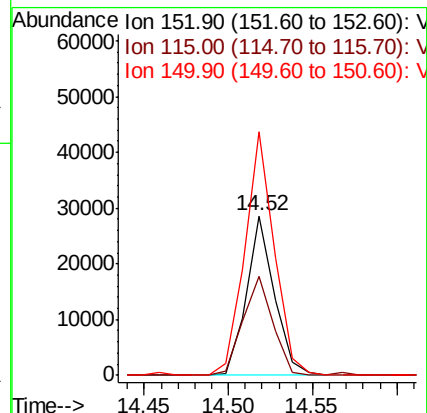
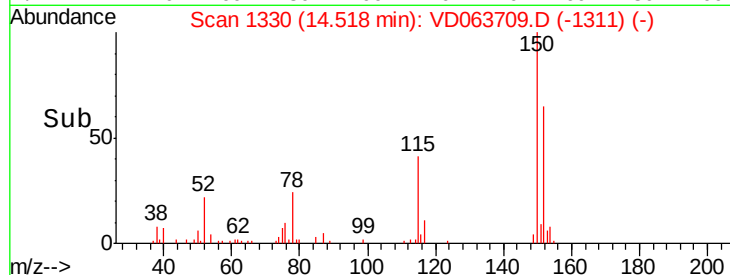
150 152.7 0.0 318.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 139.934 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

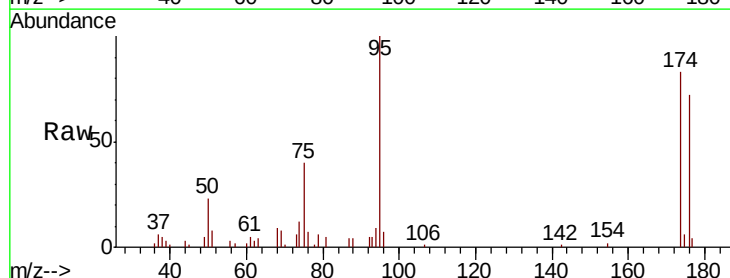
Tgt Ion: 75 Resp: 14192

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

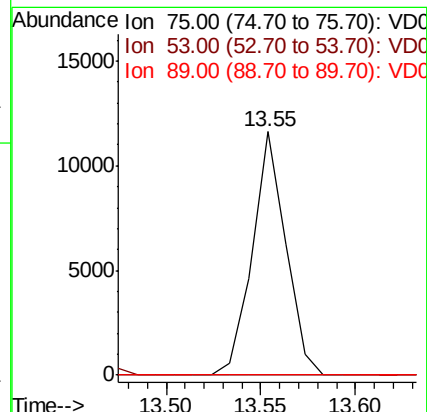
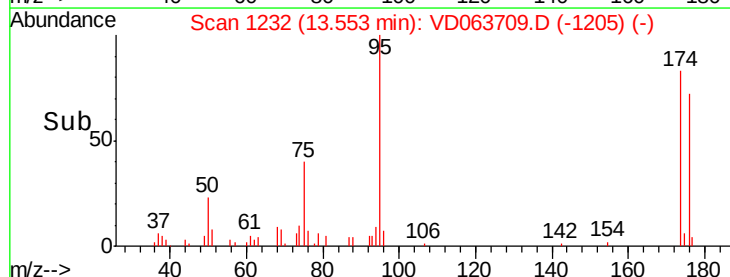
89 0.0 37.0 55.6#

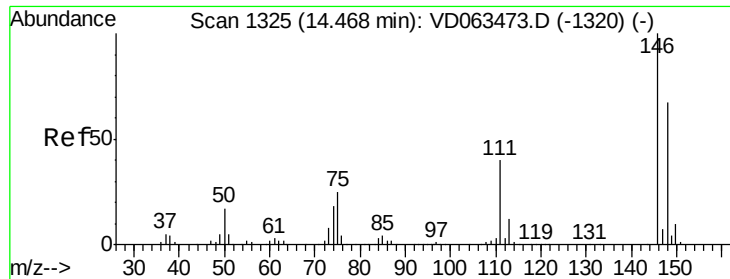


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

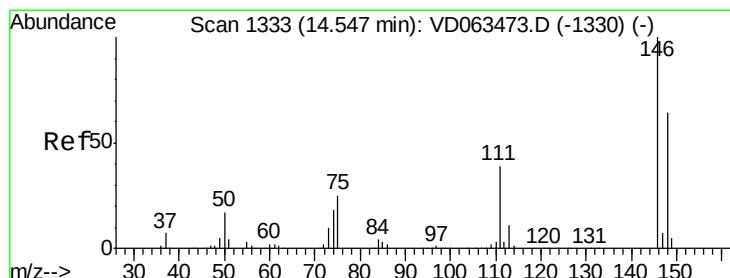
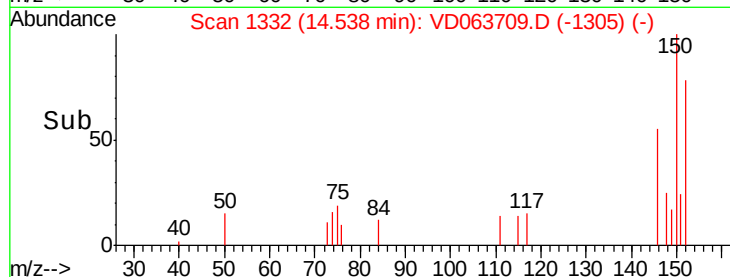
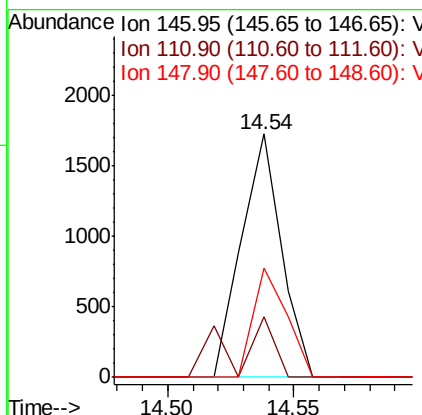
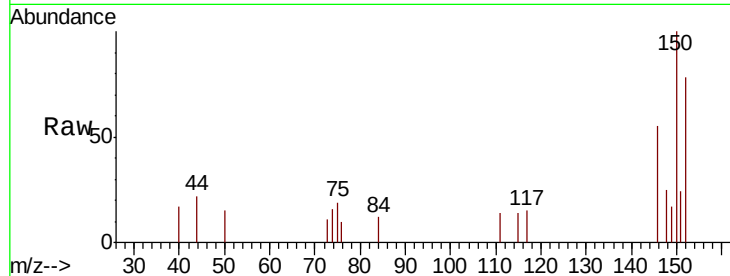




#87
 1,3-Dichlorobenzene
 Concen: 1.837 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.07 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

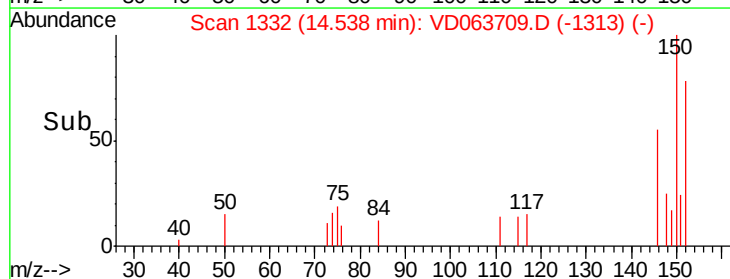
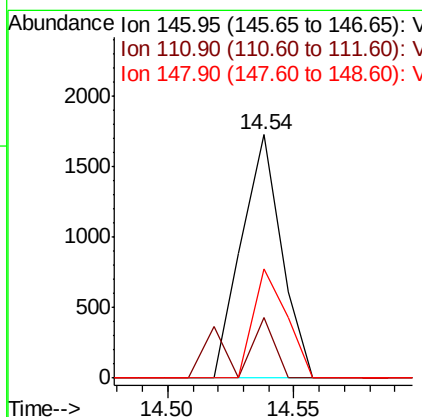
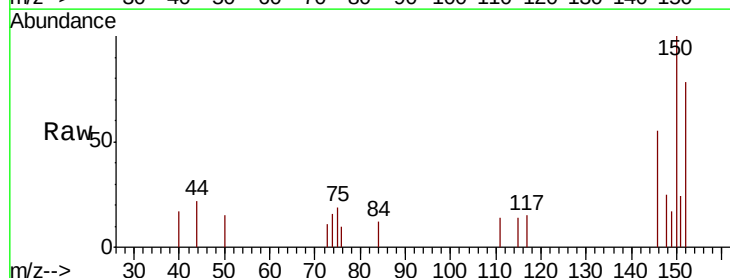
Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

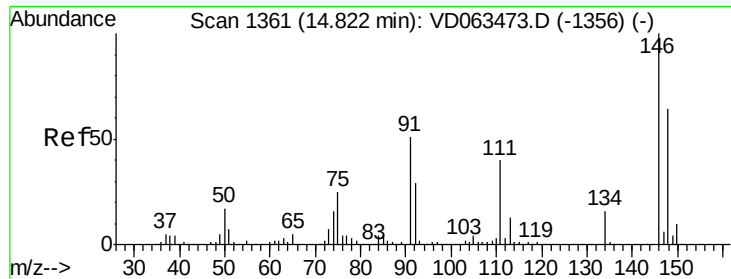
Tgt Ion:146 Resp: 1899
 Ion Ratio Lower Upper
 146 100
 111 24.9 20.0 60.0
 148 44.9 33.6 100.6



#88
 1,4-Dichlorobenzene
 Concen: 1.915 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

Tgt Ion:146 Resp: 1899
 Ion Ratio Lower Upper
 146 100
 111 24.9 19.7 59.0
 148 44.9 32.1 96.3

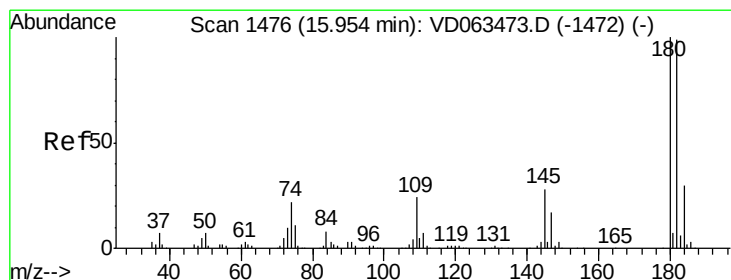
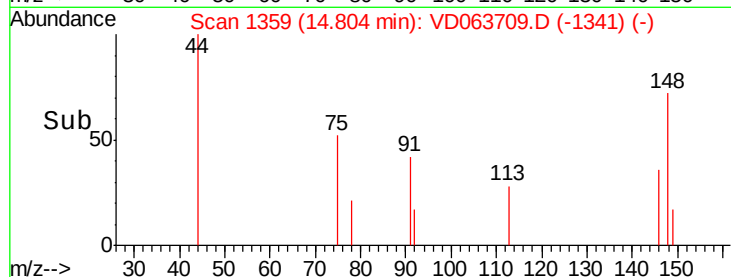
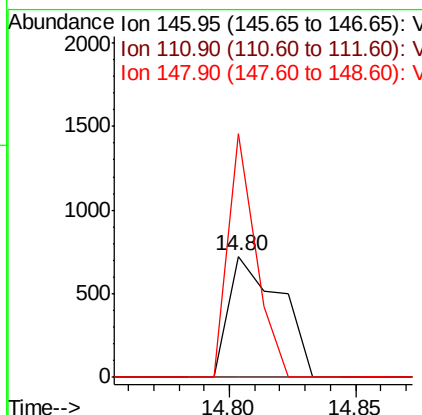
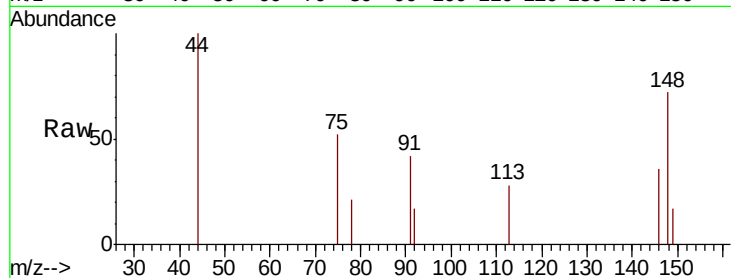




#91
 1,2-Dichlorobenzene
 Concen: 1.172 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

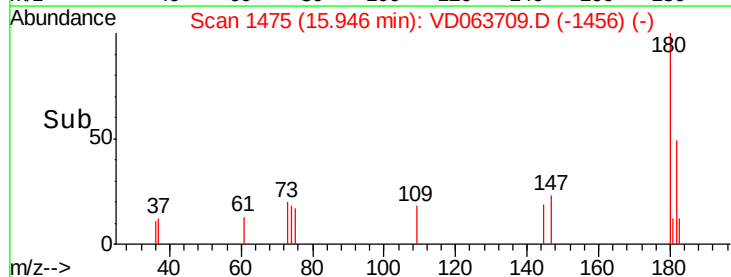
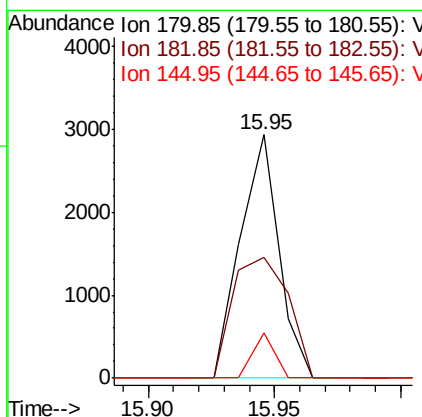
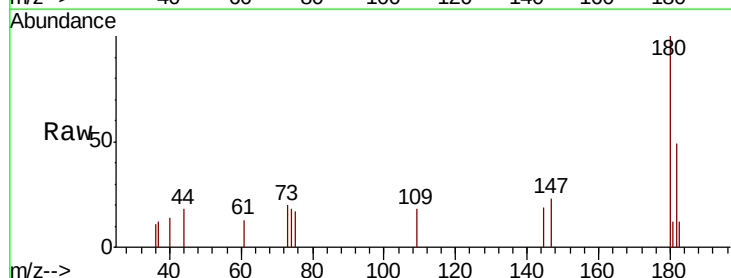
Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

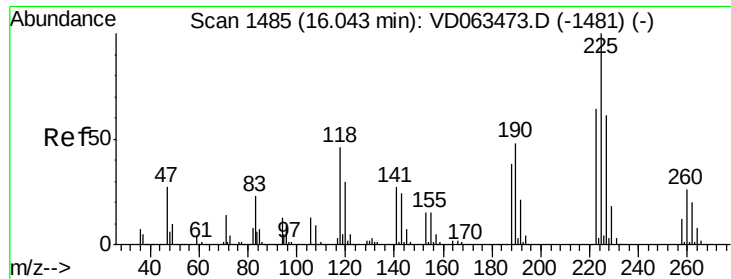
Tgt Ion:146 Resp: 1028
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.6#
 148 201.1 32.1 96.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.811 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

Tgt Ion:180 Resp: 3105
 Ion Ratio Lower Upper
 180 100
 182 61.4 49.7 149.1
 145 18.8 14.1 42.2





#94

Hexachlorobutadiene

Concen: 1.586 ug/l

RT: 16.04 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

SUNSET-PARK-SB-7-9-10

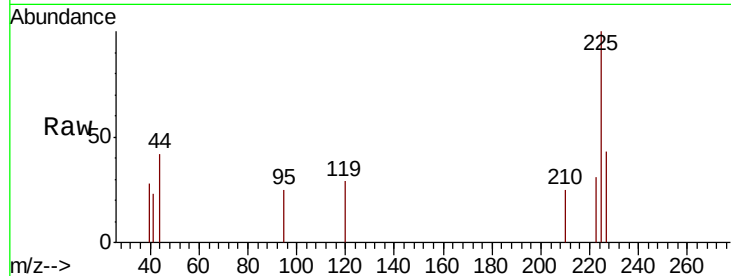
Tgt Ion:225 Resp: 780

Ion Ratio Lower Upper

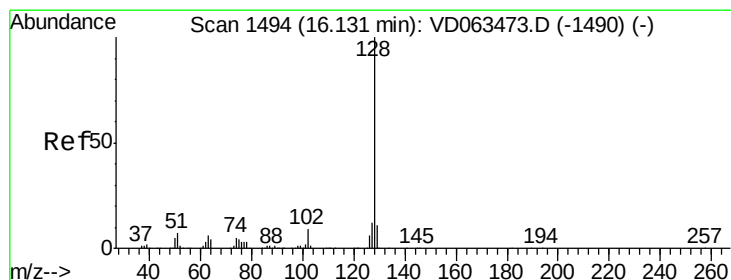
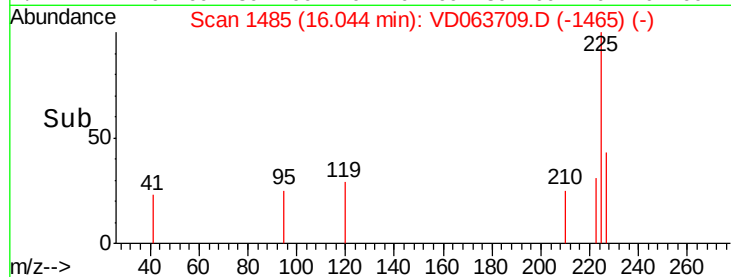
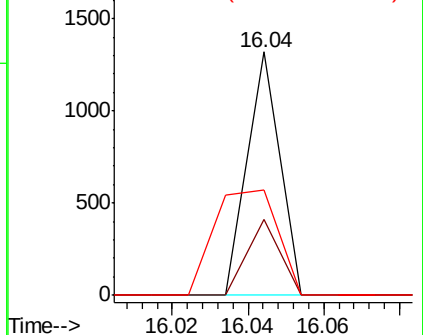
225 100

223 31.1 31.9 95.5#

227 43.3 30.7 92.1



Abundance Ion 224.75 (224.45 to 225.45): V
Ion 222.75 (222.45 to 223.45): V
Ion 226.75 (226.45 to 227.45): V



#95

Naphthalene

Concen: 5.044 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD063709.D

Acq: 21 Aug 2019 13:29

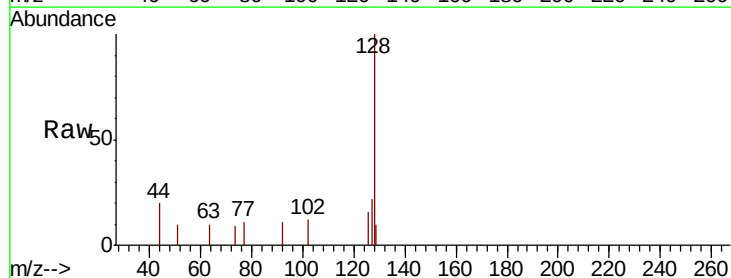
Tgt Ion:128 Resp: 4934

Ion Ratio Lower Upper

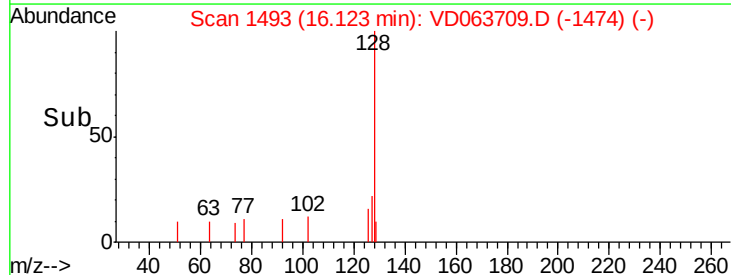
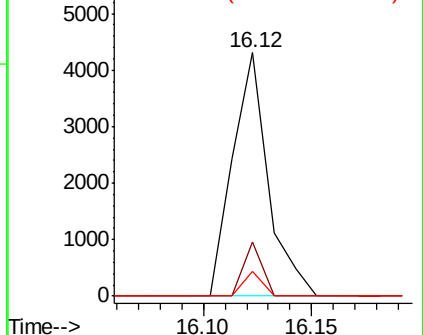
128 100

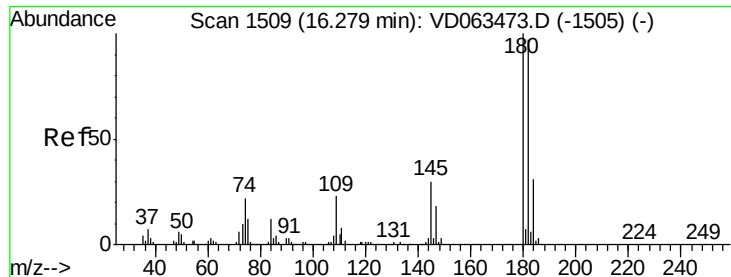
127 22.4 9.4 14.0#

129 10.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.395 ug/l
 RT: 16.27 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: VD063709.D
 Acq: 21 Aug 2019 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

Tgt Ion:180 Resp: 2291
 Ion Ratio Lower Upper
 180 100
 182 104.0 48.4 145.2
 145 55.7 14.9 44.9#

