

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065827.D
 Acq On : 19 Jun 2020 14:38
 Operator : VA/SY
 Sample : L2818-01
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-061720

Quant Time: Jun 20 01:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	11609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	20321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	20067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7838	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	13132	114.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.96%	
35) Dibromofluoromethane	7.91	113	9536	74.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.58%	
50) Toluene-d8	10.34	98	23527	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.63	95	7921	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds				Qvalue	
3) Chloromethane	2.20	50	371	Below Cal	# 43
4) Vinyl Chloride	2.36	62	212	1.238	ug/l # 43
5) Bromomethane	2.78	94	379	3.164	ug/l # 25
15) Acrylonitrile	5.41	53	71	3.064	ug/l # 17
16) Acetone	4.17	43	671	31.010	ug/l # 74
20) Methylene Chloride	4.96	84	1588	10.285	ug/l # 65
25) 2-Butanone	7.34	43	62	2.075	ug/l # 52
31) Cyclohexane	7.98	56	675	3.281	ug/l # 74
40) Benzene	8.34	78	534	1.003	ug/l # 51
41) Methacrylonitrile	7.51	41	79	1.730	ug/l # 28
48) Methyl methacrylate	9.39	41	139	1.883	ug/l # 15
49) 1,4-Dioxane	9.46	88	64	82.913	ug/l # 23
51) 4-Methyl-2-Pentanone	10.23	43	276	3.694	ug/l # 37
52) Toluene	10.40	92	417	1.206	ug/l # 60
58) 2-Chloroethyl Vinyl ether	9.96	63	72	1.359	ug/l # 46
59) 2-Hexanone	10.99	43	126	2.502	ug/l 96
65) Chlorobenzene	11.66	112	574	1.465	ug/l # 44
67) Ethyl Benzene	11.74	91	850	1.215	ug/l 97
68) m/p-Xylenes	11.87	106	466	1.729	ug/l # 39
70) Styrene	12.20	104	463	1.100	ug/l # 46
73) Isopropylbenzene	12.48	105	804	1.530	ug/l # 73
76) 1,2,3-Trichloropropane	12.77	75	149	2.444	ug/l # 100
78) n-propylbenzene	12.83	91	966	1.527	ug/l # 73
79) 2-Chlorotoluene	12.92	91	413	1.190	ug/l 91
80) 1,3,5-Trimethylbenzene	12.96	105	461	1.054	ug/l # 50
81) trans-1,4-Dichloro-2-buten	12.64	75	4622	163.826	ug/l # 9
82) 4-Chlorotoluene	12.92	91	413	1.109	ug/l 91
84) 1,2,4-Trimethylbenzene	13.27	105	689	1.574	ug/l 66
85) sec-Butylbenzene	13.41	105	667	1.263	ug/l # 55
87) 1,3-Dichlorobenzene	13.53	146	351	1.432	ug/l # 72
88) 1,4-Dichlorobenzene	13.61	146	646	2.649	ug/l # 79
89) n-Butylbenzene	13.84	91	890	1.928	ug/l # 60
91) 1,2-Dichlorobenzene	13.90	146	412	1.953	ug/l # 45
93) 1,2,4-Trichlorobenzene	15.17	180	393	2.740	ug/l # 81

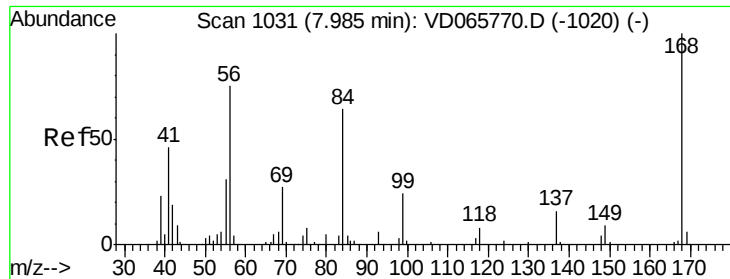
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
Data File : VD065827.D
Acq On : 19 Jun 2020 14:38
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.41	128	1058	4.354	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

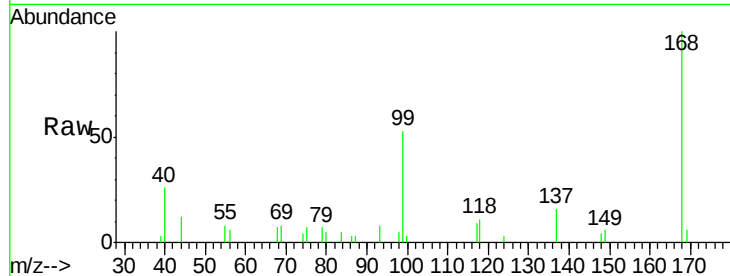
TR-05-061720

Tgt Ion:168 Resp: 11609

Ion Ratio Lower Upper

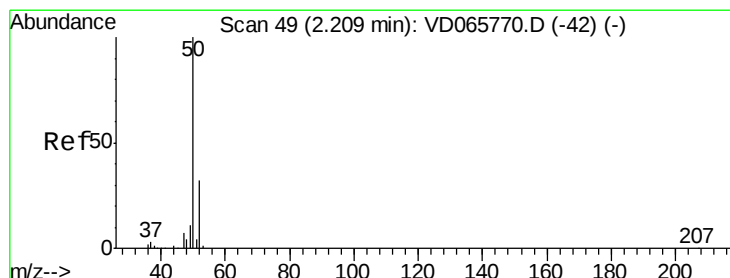
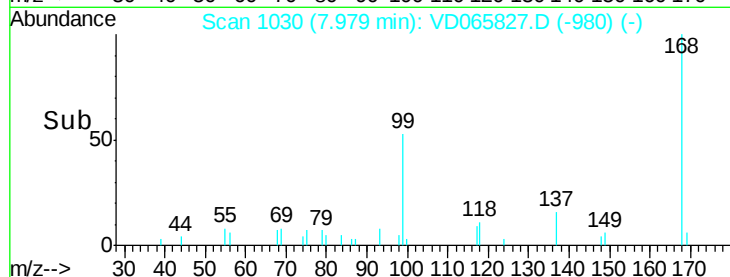
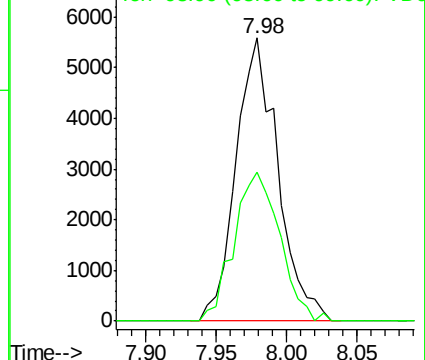
168 100

99 52.8 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065827.D

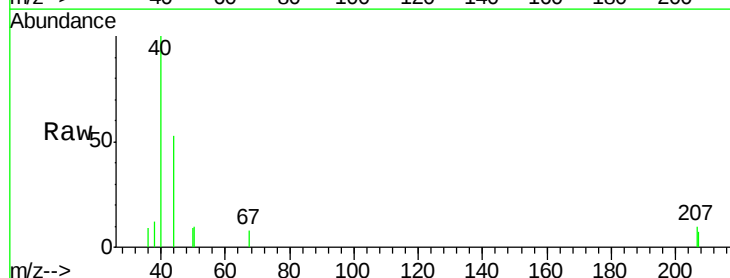
Acq: 19 Jun 2020 14:38

Tgt Ion: 50 Resp: 371

Ion Ratio Lower Upper

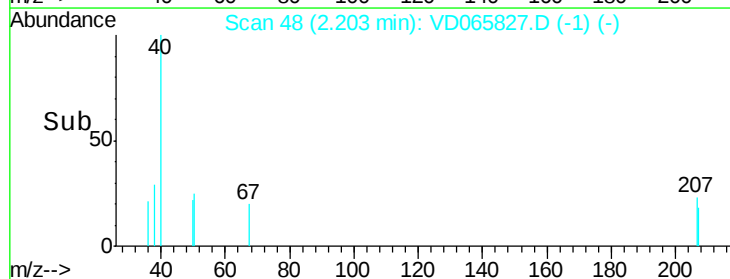
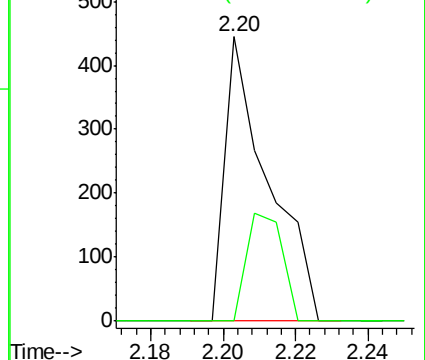
50 100

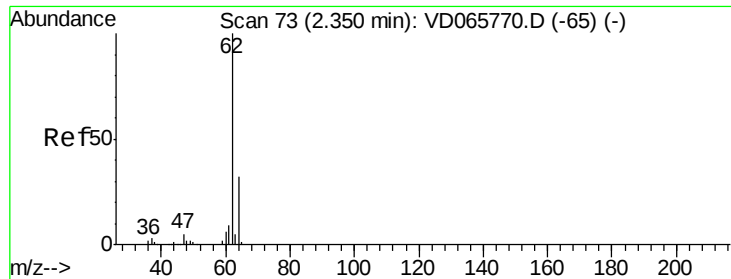
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 1.238 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

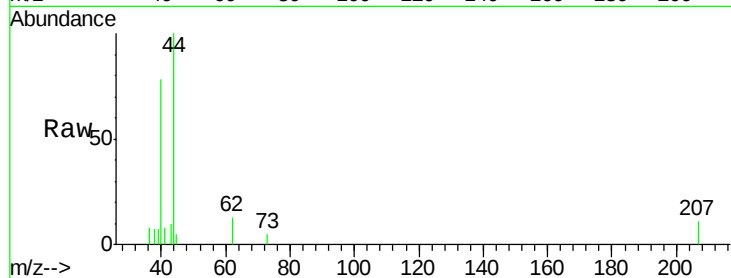
TR-05-061720

Tgt Ion: 62 Resp: 212

Ion Ratio Lower Upper

62 100

64 0.0 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

400

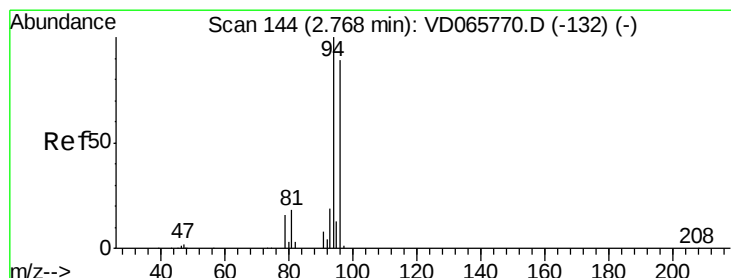
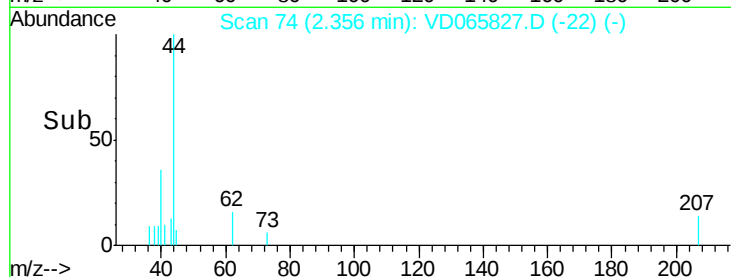
300

200

100

0

Time--> 2.32 2.34 2.36 2.38



#5

Bromomethane

Concen: 3.164 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065827.D

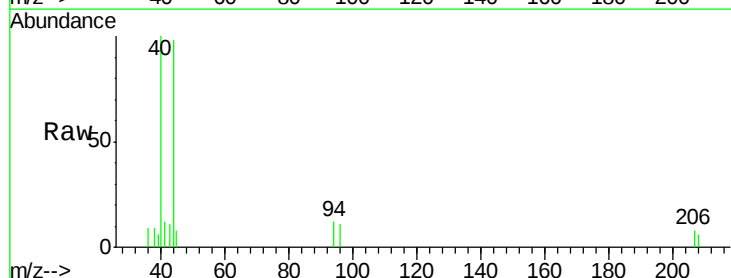
Acq: 19 Jun 2020 14:38

Tgt Ion: 94 Resp: 379

Ion Ratio Lower Upper

94 100

96 19.2 71.4 107.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

400

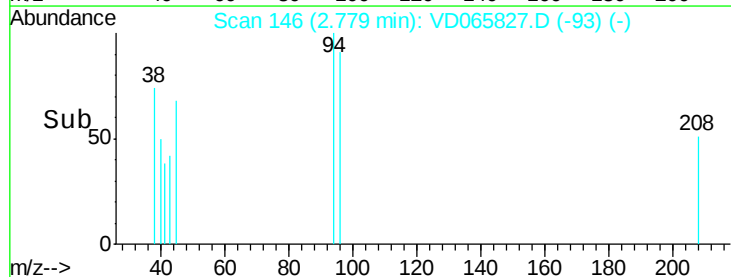
300

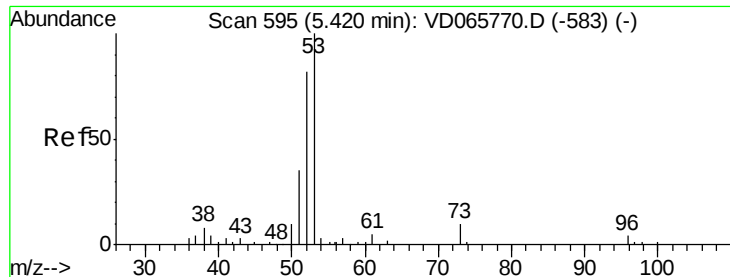
200

100

0

Time--> 2.74 2.76 2.78 2.80





#15

Acrylonitrile

Concen: 3.064 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

TR-05-061720

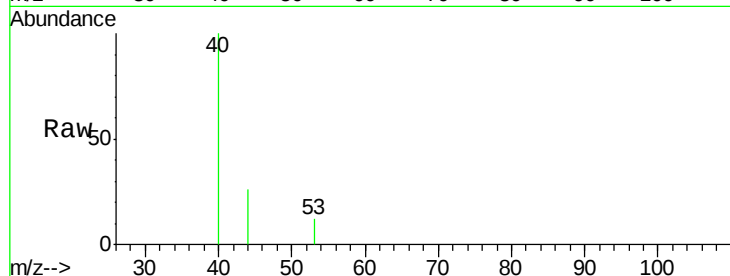
Tgt Ion: 53 Resp: 71

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

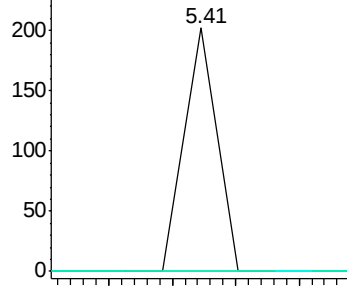
51 0.0 30.7 46.1#



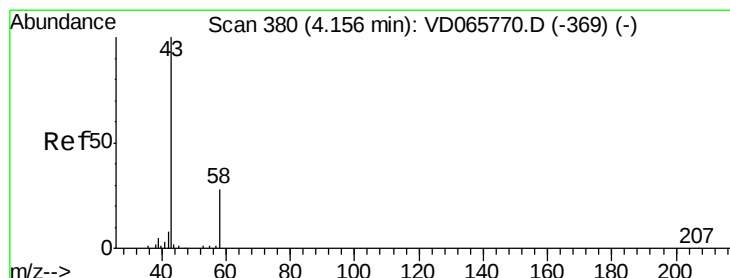
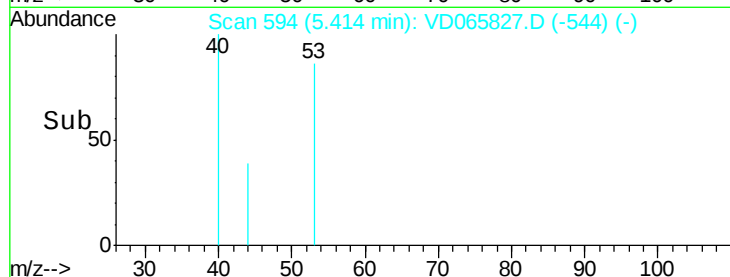
Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



Time-->



#16

Acetone

Concen: 31.010 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065827.D

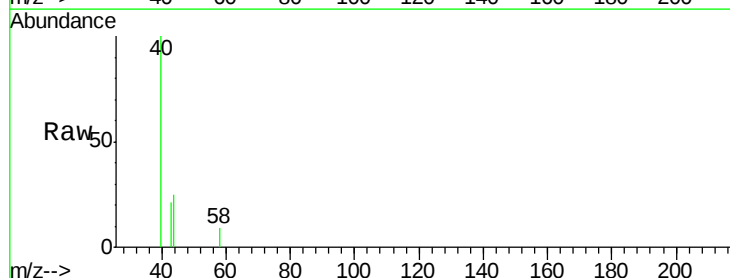
Acq: 19 Jun 2020 14:38

Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

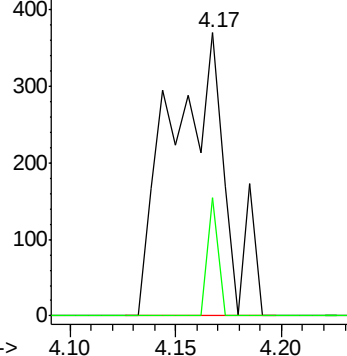
43 100

58 41.6 22.3 33.5#

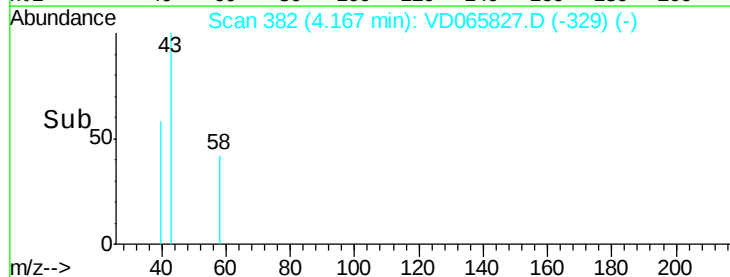


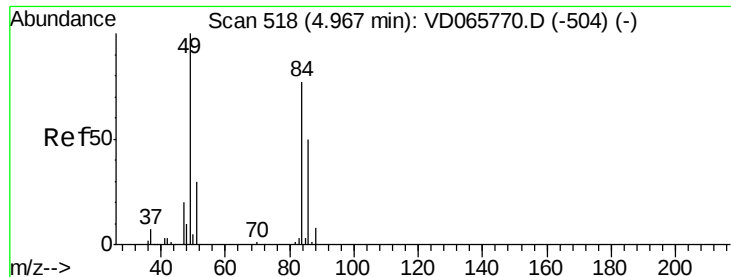
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->

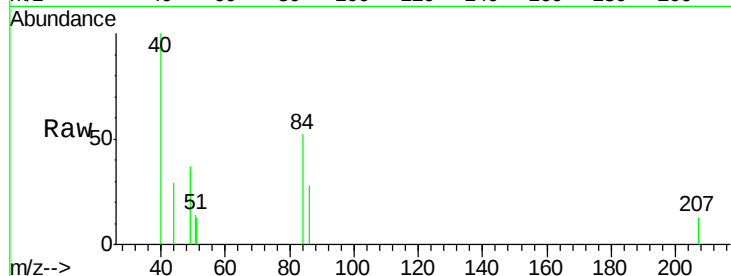




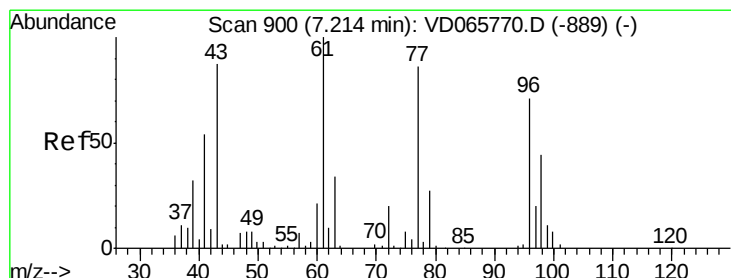
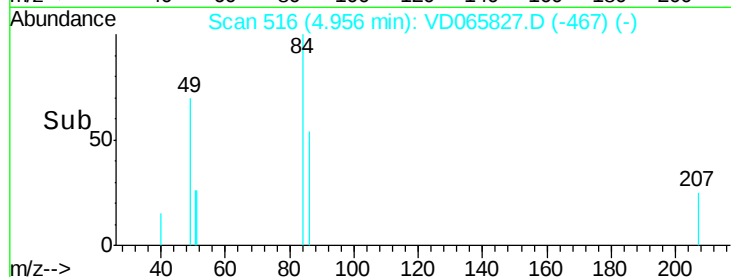
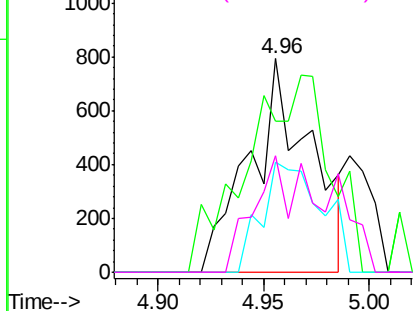
#20
Methylene Chloride
Concen: 10.285 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

Tgt Ion: 84 Resp: 1588
Ion Ratio Lower Upper
84 100
49 70.4 103.4 155.0#
51 51.5 31.4 47.2#
86 54.4 51.7 77.5

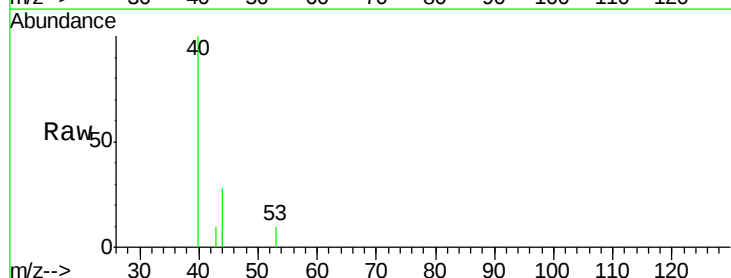


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

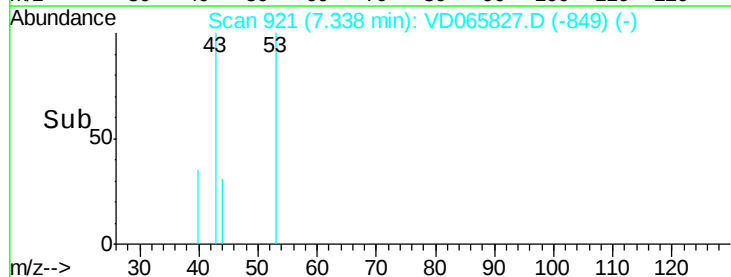
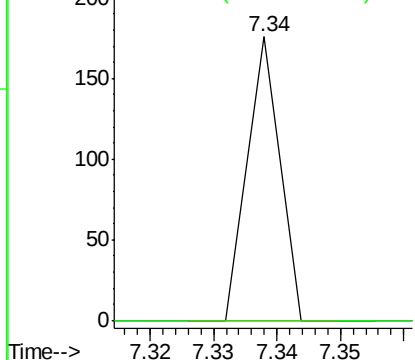


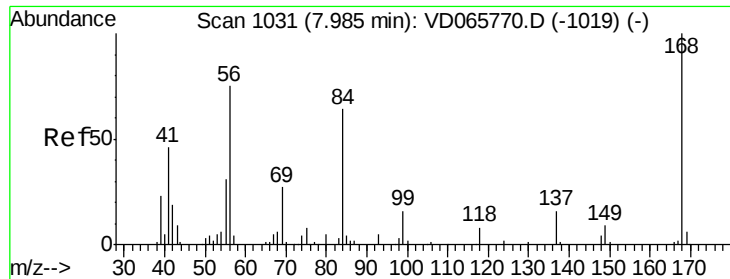
#25
2-Butanone
Concen: 2.075 ug/l
RT: 7.34 min Scan# 921
Delta R.T. 0.12 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

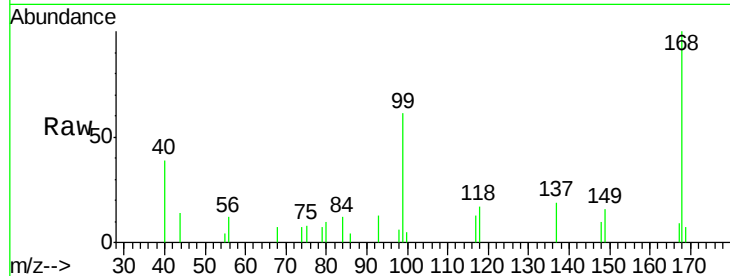




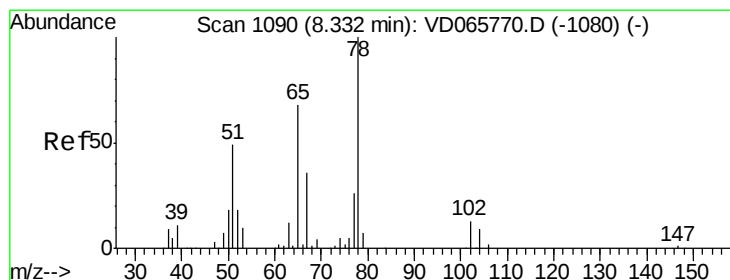
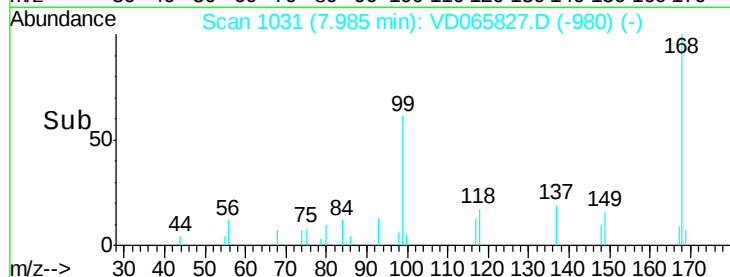
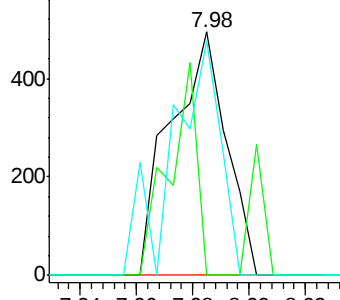
#31
Cyclohexane
Concen: 3.281 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

Tgt Ion: 56 Resp: 675
Ion Ratio Lower Upper
56 100
69 0.0 28.5 42.7#
84 96.6 68.4 102.6

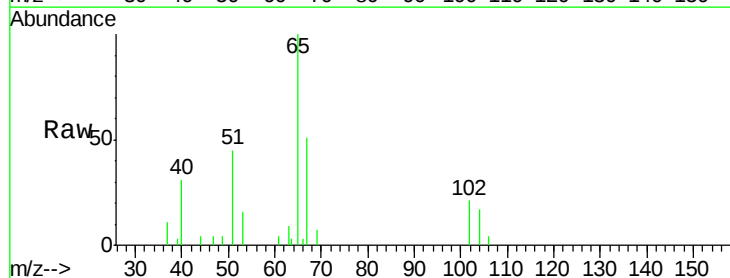


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

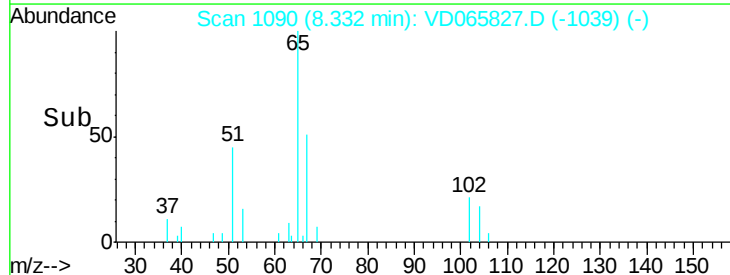
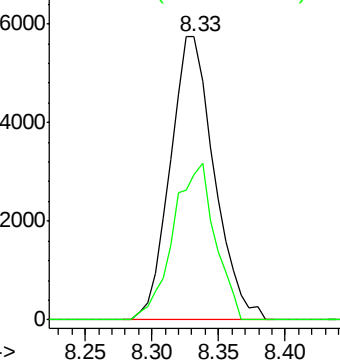


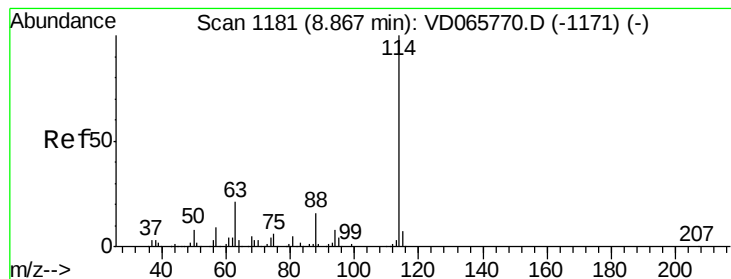
#33
1,2-Dichloroethane-d4
Concen: 114.478 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion: 65 Resp: 13132
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

TR-05-061720

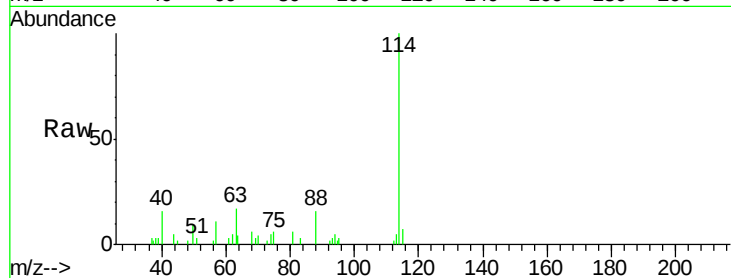
Tgt Ion:114 Resp: 20321

Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.8

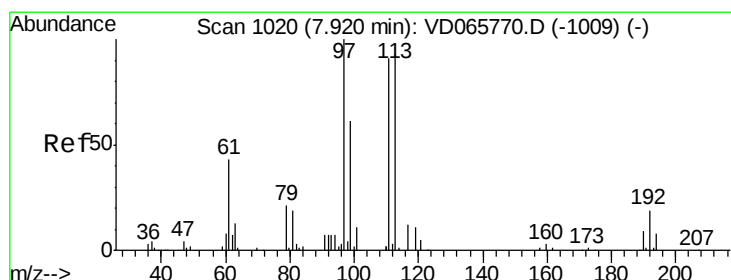
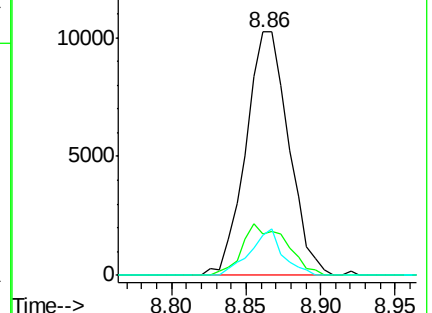
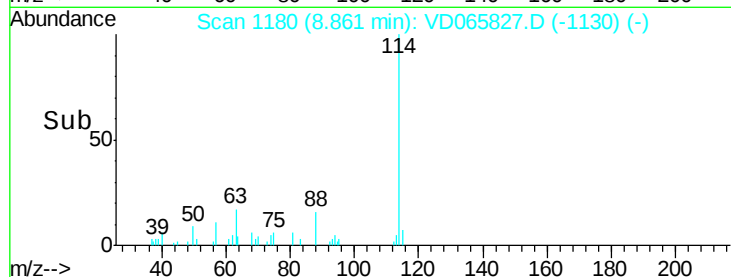
88 16.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 74.291 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

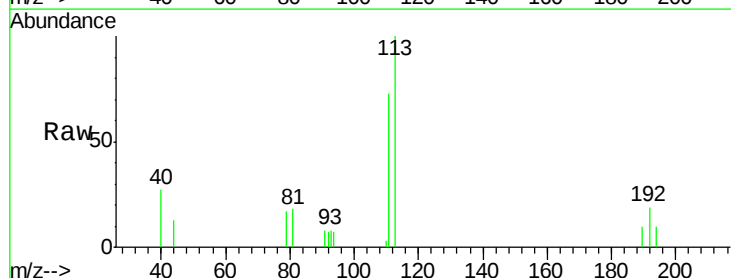
Tgt Ion:113 Resp: 9536

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.0

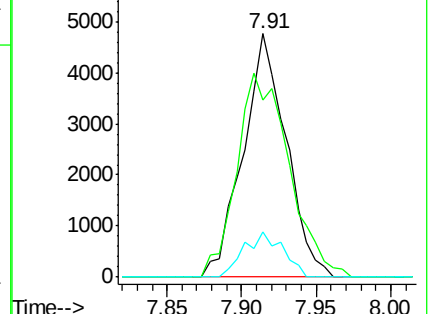
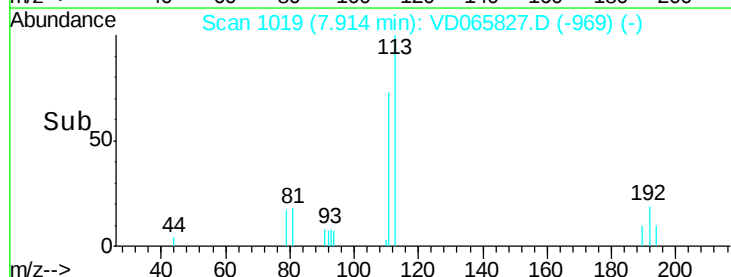
192 16.6 15.7 23.5

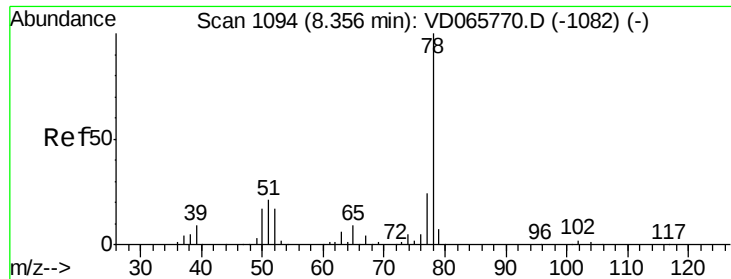


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.003 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

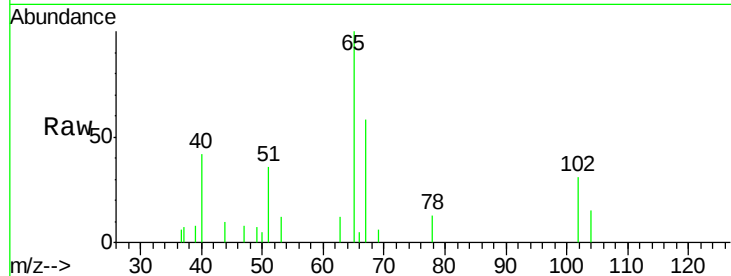
TR-05-061720

Tgt Ion: 78 Resp: 534

Ion Ratio Lower Upper

78 100

77 0.0 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

8.34

400

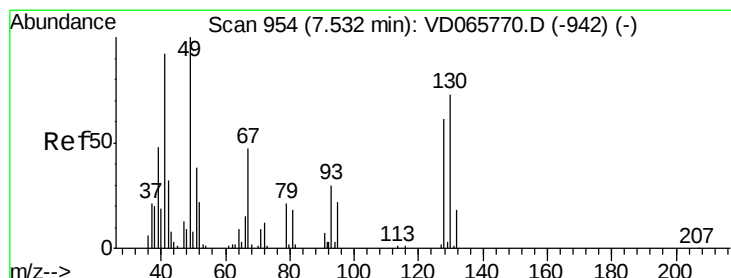
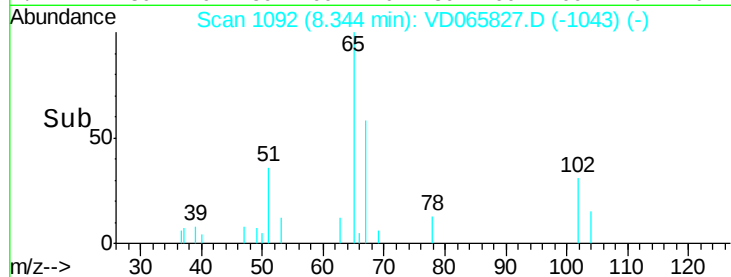
300

200

100

0

Time-->



#41

Methacrylonitrile

Concen: 1.730 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.02 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Tgt Ion: 41 Resp: 79

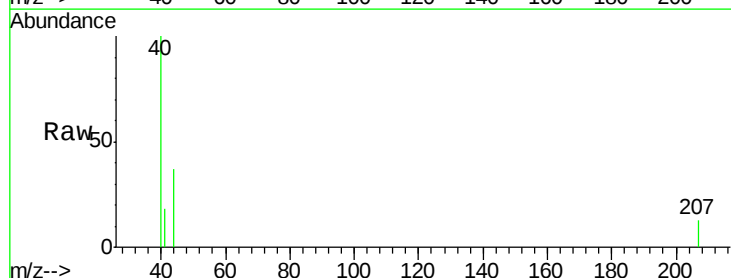
Ion Ratio Lower Upper

41 100

39 0.0 38.3 57.5#

67 0.0 49.8 74.6#

52 0.0 21.7 32.5#



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

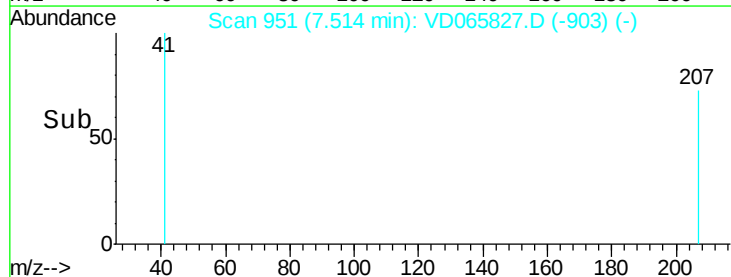
7.51

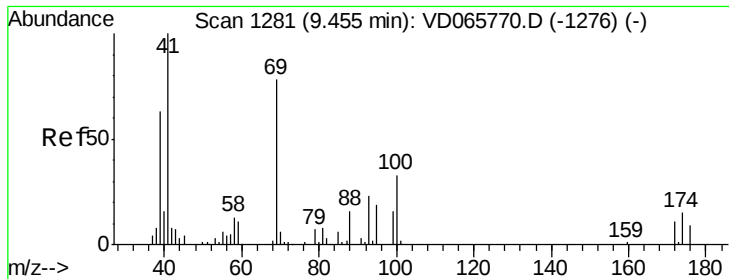
200

100

0

Time-->

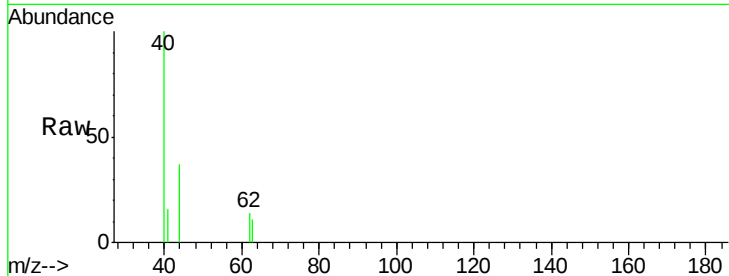




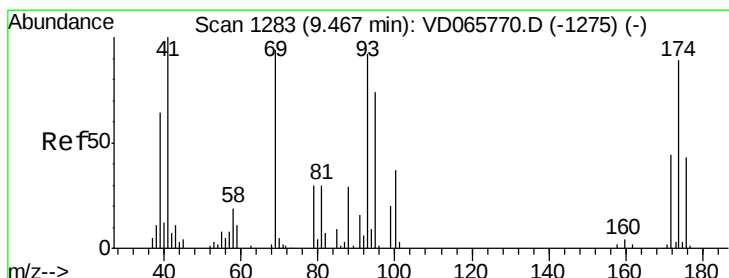
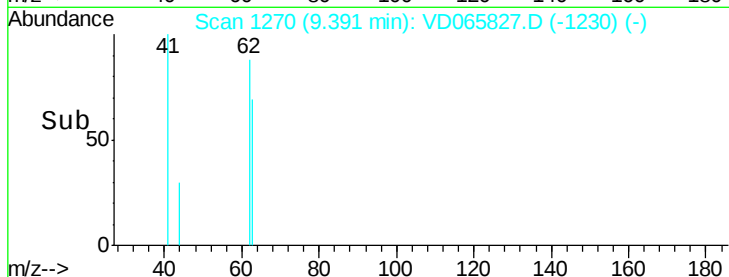
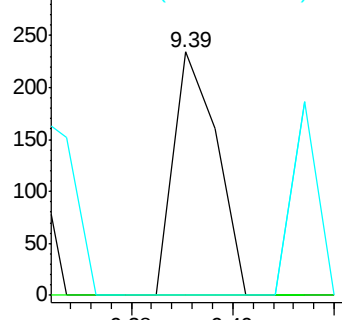
#48
Methyl methacrylate
Concen: 1.883 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.06 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

Tgt Ion: 41 Resp: 139
Ion Ratio Lower Upper
41 100
69 0.0 60.9 91.3#
39 0.0 48.1 72.1#

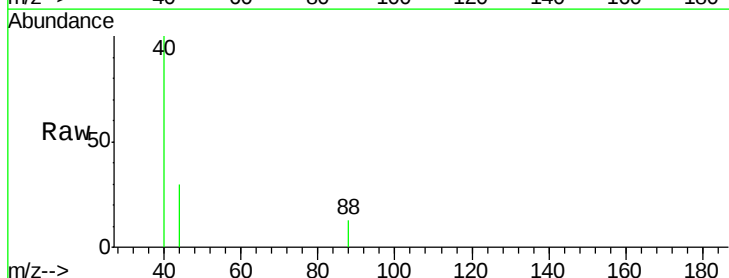


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

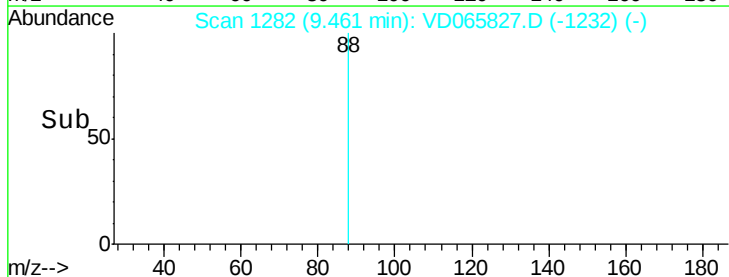
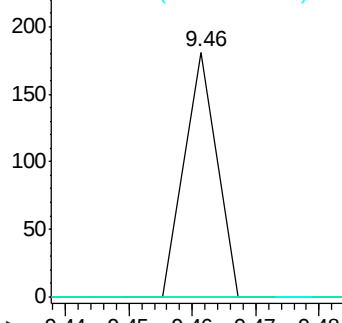


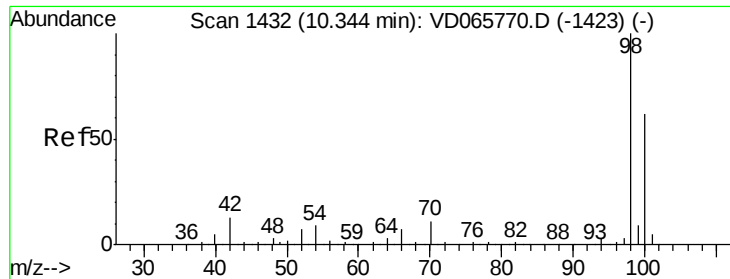
#49
1,4-Dioxane
Concen: 82.913 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 32.2 48.4#
58 0.0 54.9 82.3#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

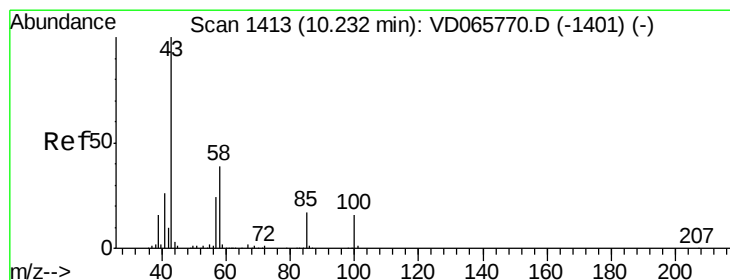
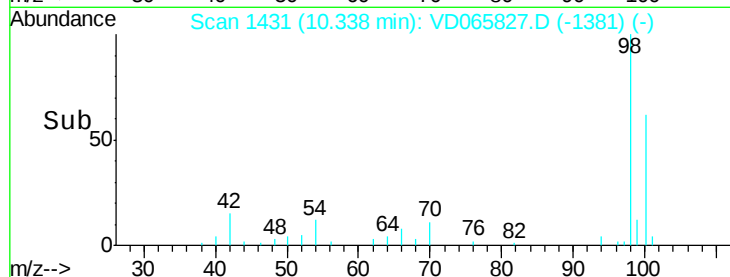
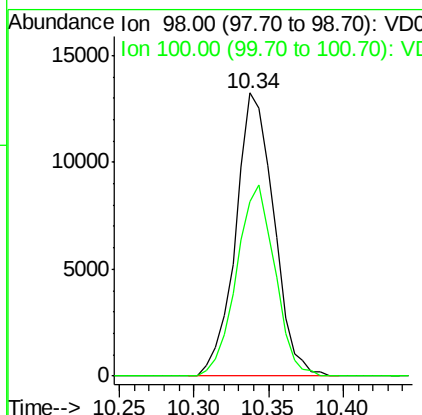
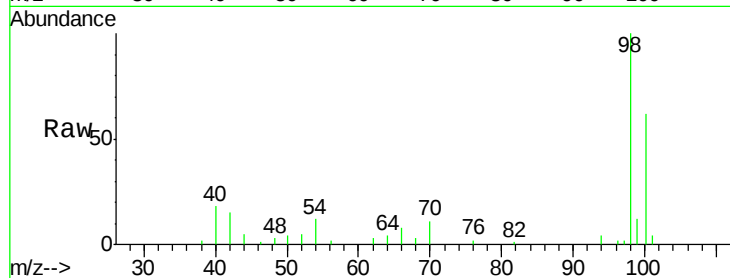




#50
Toluene-d8
Concen: 49.154 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

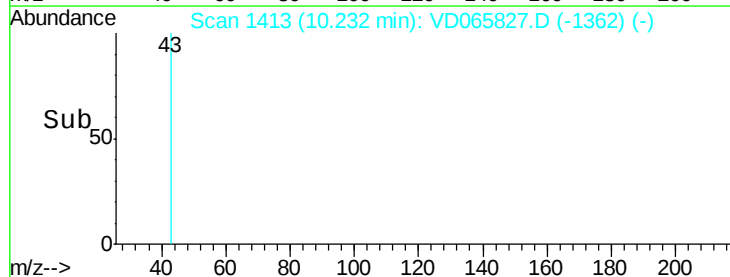
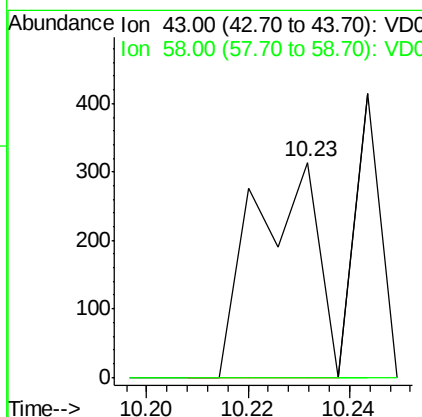
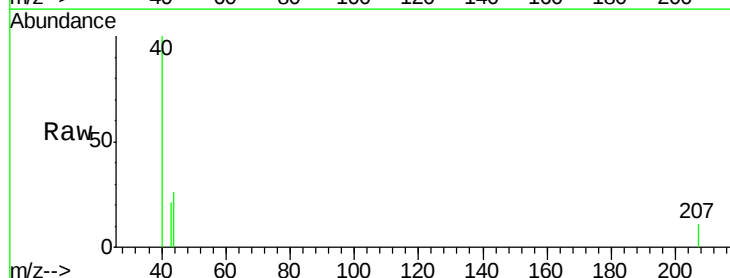
Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

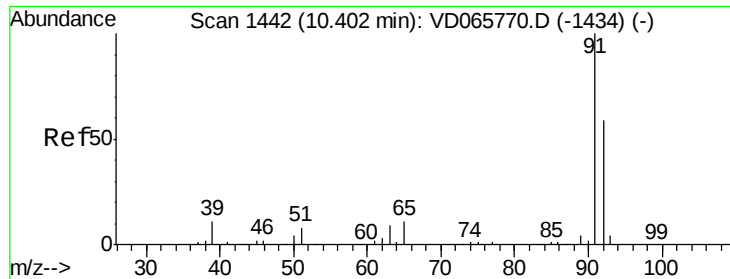
Tgt Ion: 98 Resp: 23527
Ion Ratio Lower Upper
98 100
100 67.7 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 3.694 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 0.0 30.7 46.1#





#52

Toluene

Concen: 1.206 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

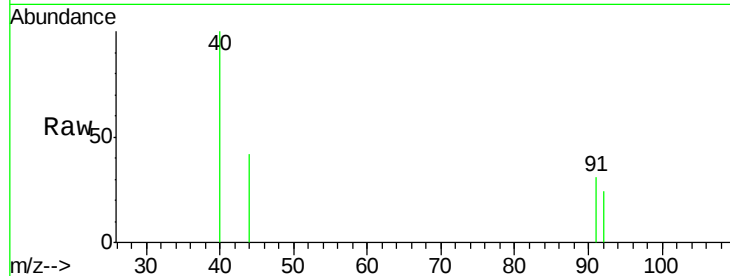
TR-05-061720

Tgt Ion: 92 Resp: 417

Ion Ratio Lower Upper

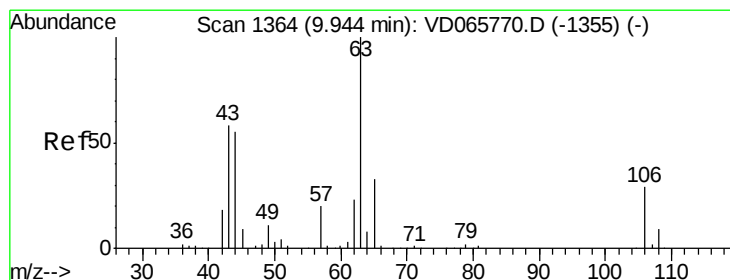
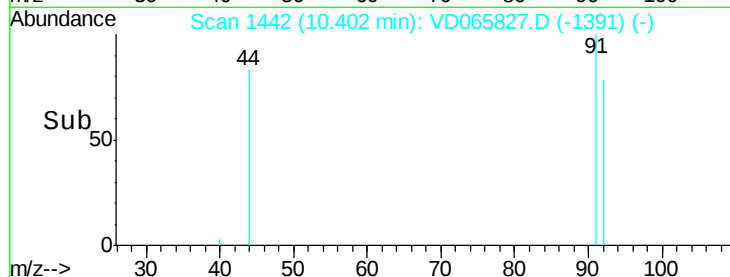
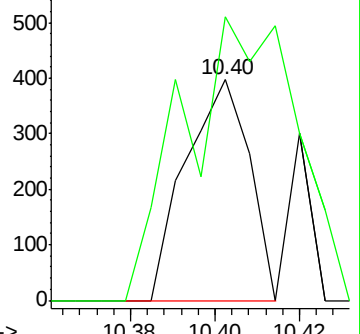
92 100

91 227.3 137.8 206.8#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 1.359 ug/l

RT: 9.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD065827.D

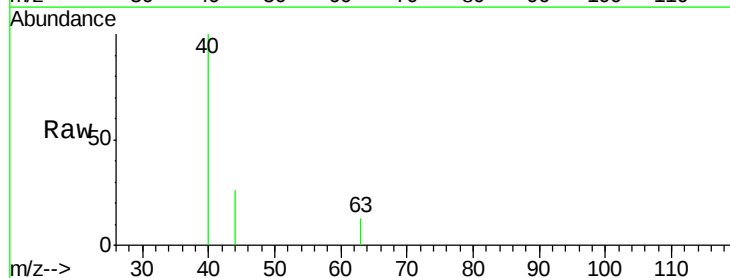
Acq: 19 Jun 2020 14:38

Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

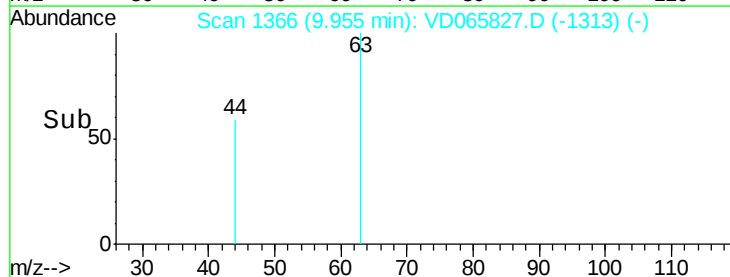
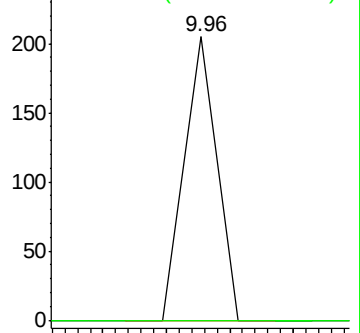
63 100

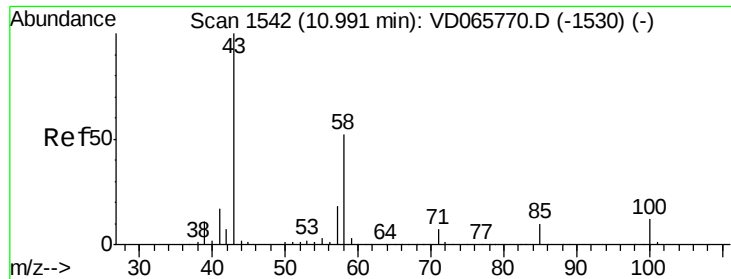
106 0.0 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

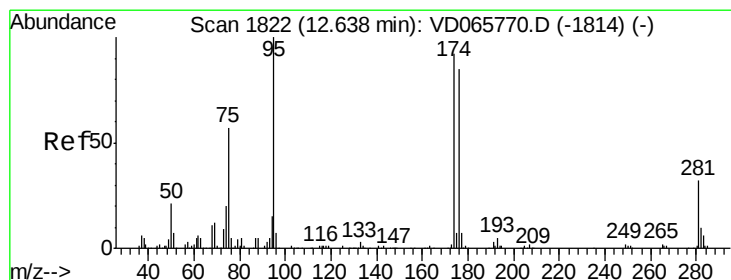
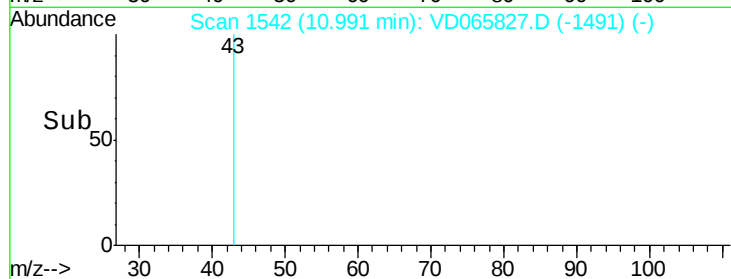
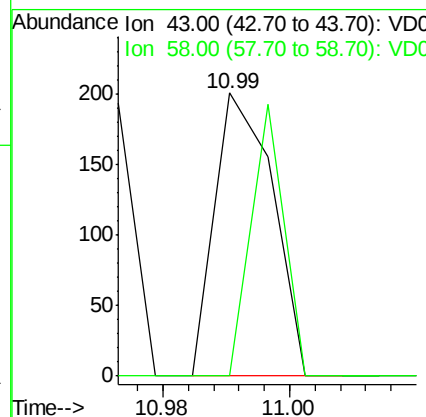
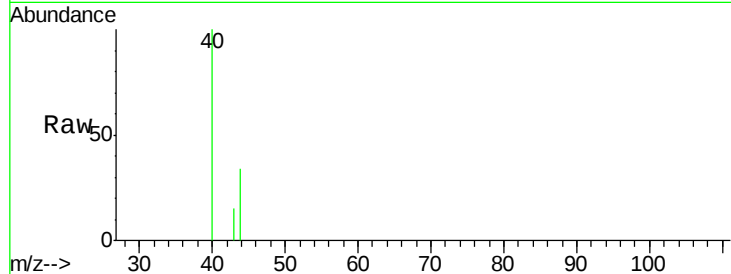




#59
2-Hexanone
Concen: 2.502 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

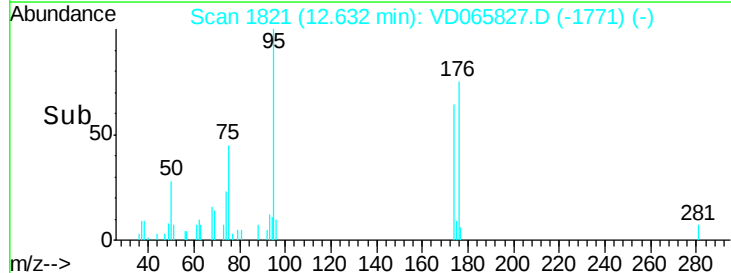
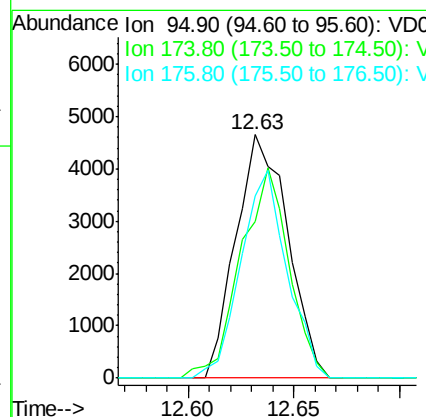
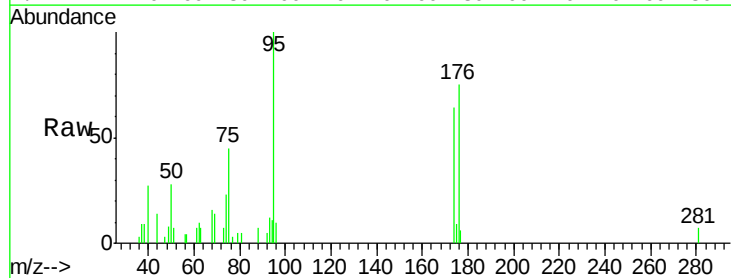
Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

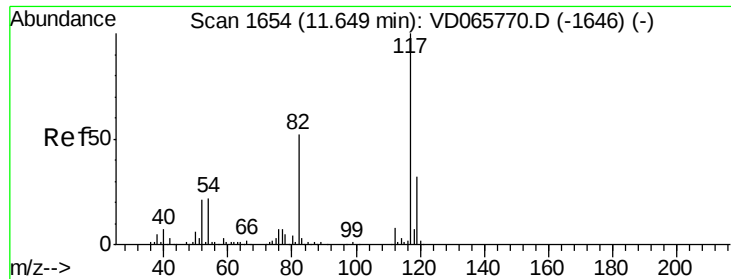
Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.0



#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion: 95 Resp: 7921
Ion Ratio Lower Upper
95 100
174 80.2 0.0 175.2
176 75.9 0.0 163.0

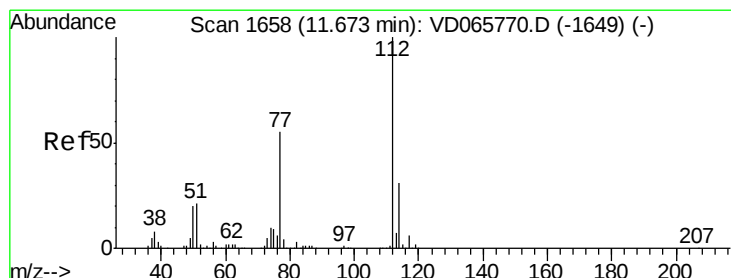
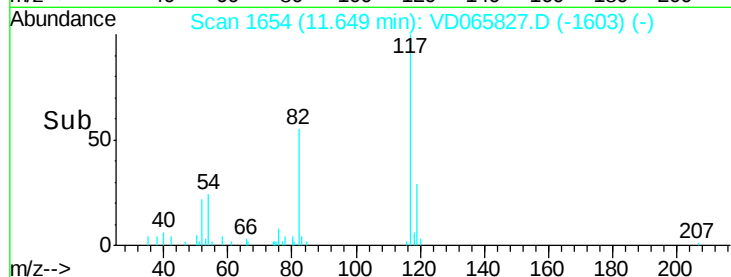
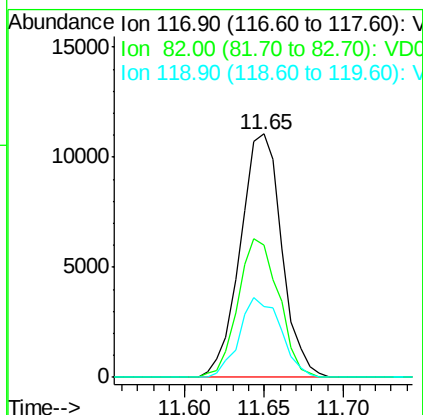
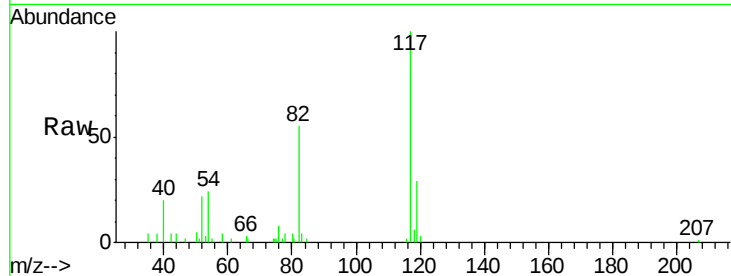




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

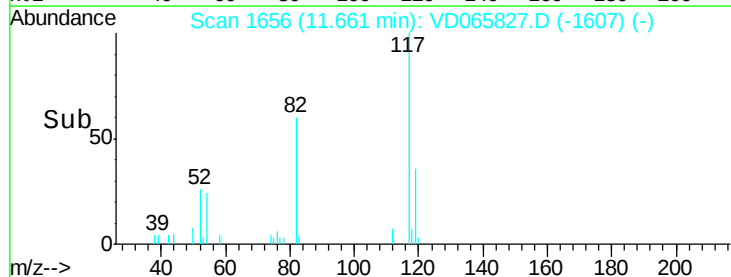
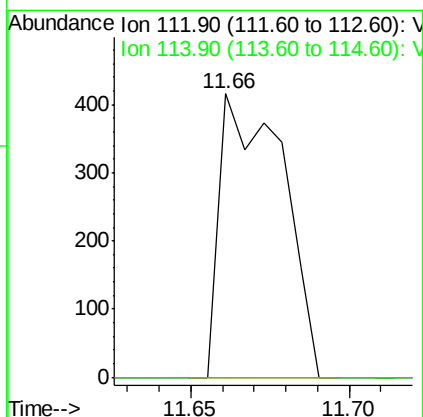
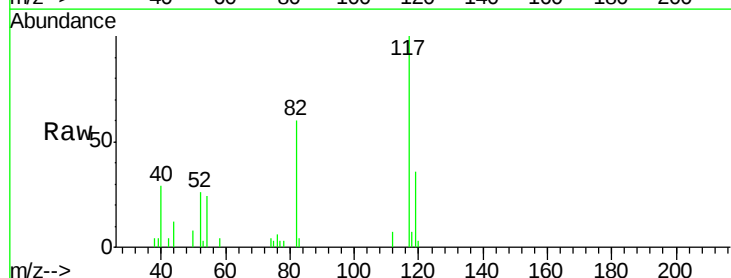
Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

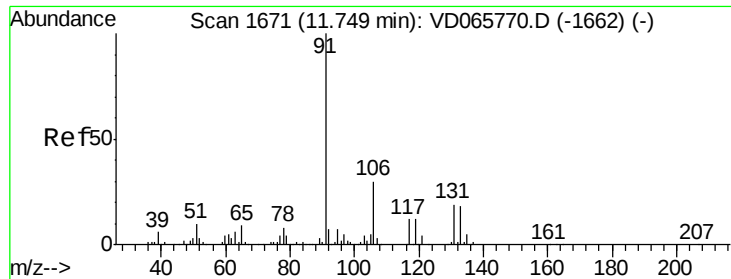
Tgt Ion:117 Resp: 20067
Ion Ratio Lower Upper
117 100
82 54.5 41.9 62.9
119 29.0 25.3 37.9



#65
Chlorobenzene
Concen: 1.465 ug/l
RT: 11.66 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion:112 Resp: 574
Ion Ratio Lower Upper
112 100
114 0.0 24.7 37.1#

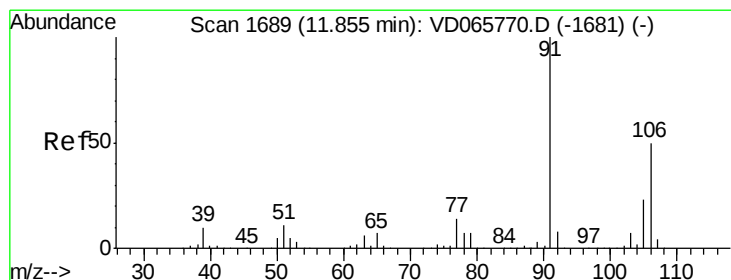
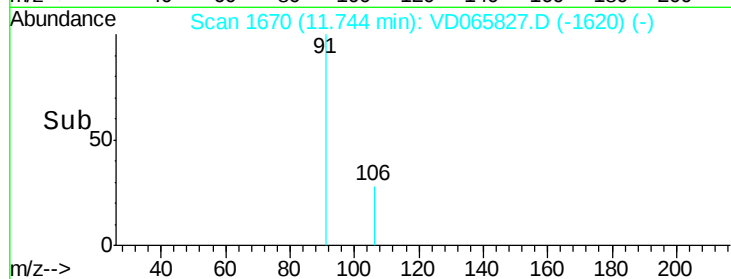
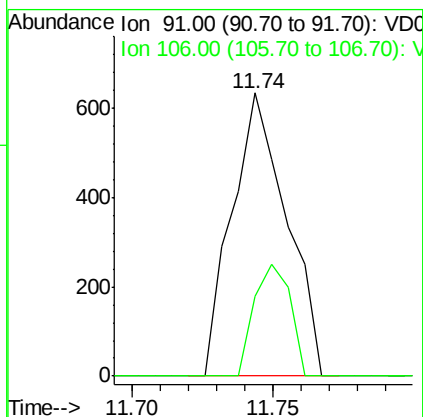
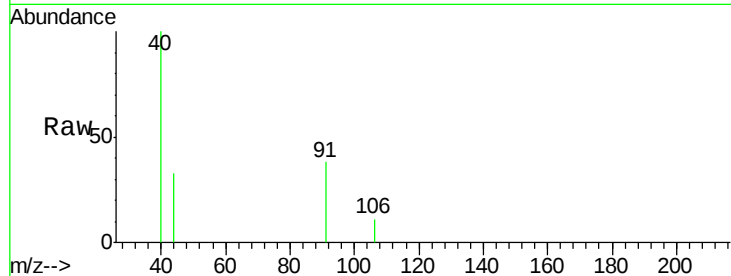




#67
Ethyl Benzene
Concen: 1.215 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

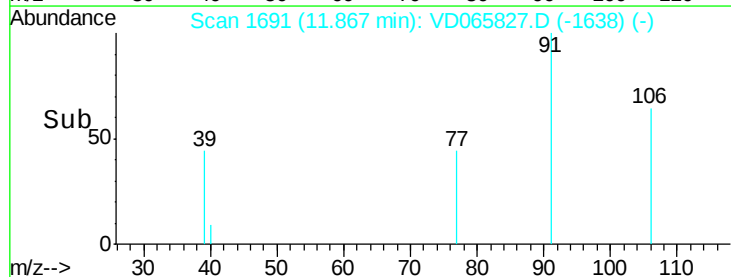
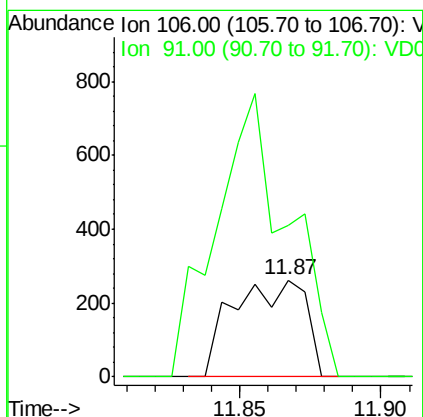
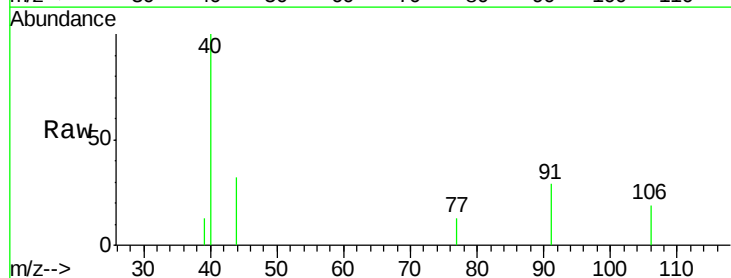
Instrument :
MSVOA_D
ClientSampleId :
TR-05-061720

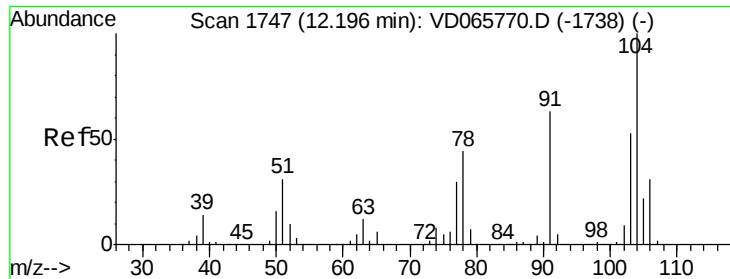
Tgt Ion: 91 Resp: 850
Ion Ratio Lower Upper
91 100
106 28.4 24.1 36.1



#68
m/p-Xylenes
Concen: 1.729 ug/l
RT: 11.87 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VD065827.D
Acq: 19 Jun 2020 14:38

Tgt Ion: 106 Resp: 466
Ion Ratio Lower Upper
106 100
91 291.6 159.4 239.2#





#70

Styrene

Concen: 1.100 ug/l

RT: 12.20 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

TR-05-061720

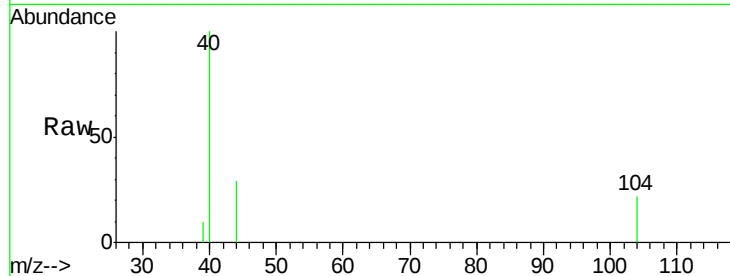
Tgt Ion:104 Resp: 463

Ion Ratio Lower Upper

104 100

78 15.8 38.6 58.0#

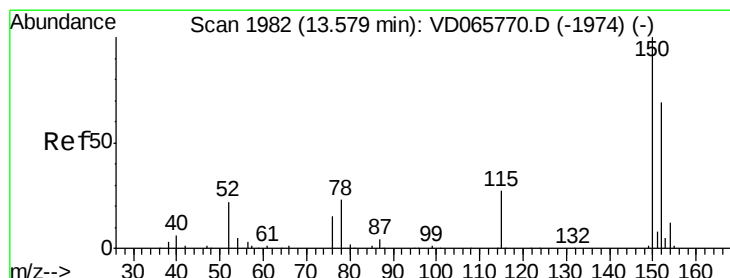
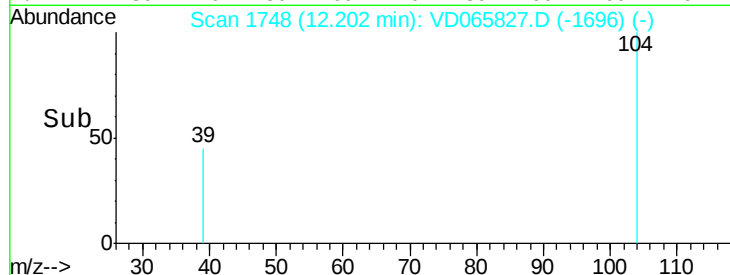
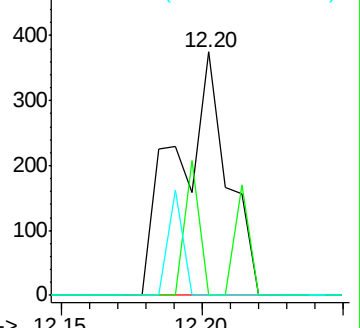
103 12.3 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

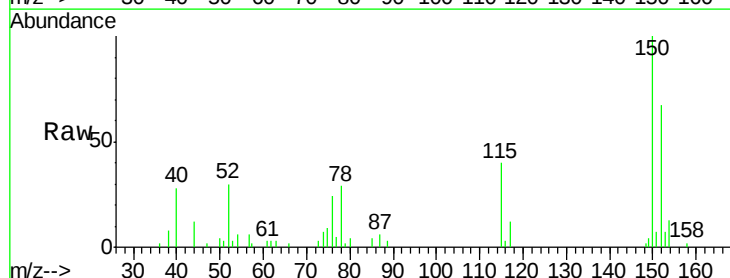
Tgt Ion:152 Resp: 7838

Ion Ratio Lower Upper

152 100

115 60.4 28.7 86.1

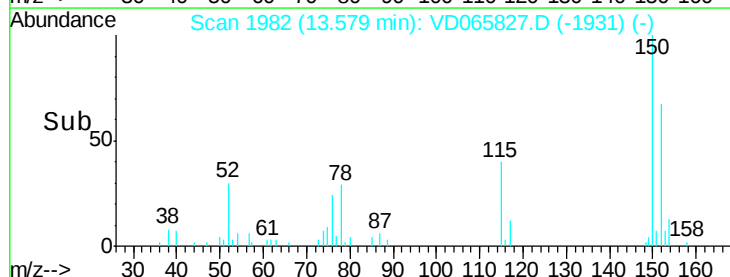
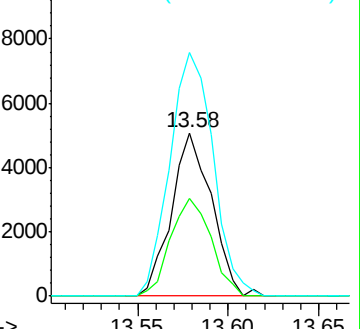
150 161.2 0.0 348.0

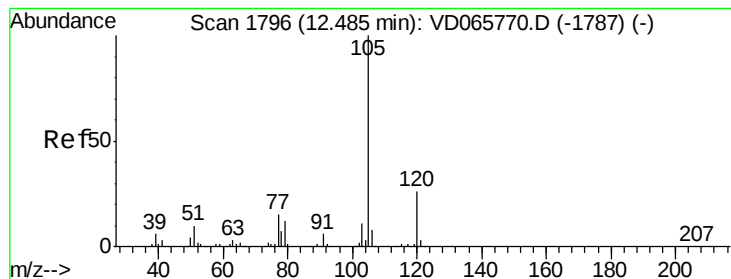


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.530 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

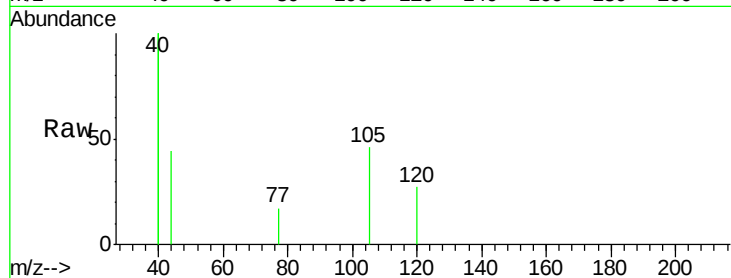
TR-05-061720

Tgt Ion: 105 Resp: 804

Ion Ratio Lower Upper

105 100

120 13.2 13.5 40.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600

500

400

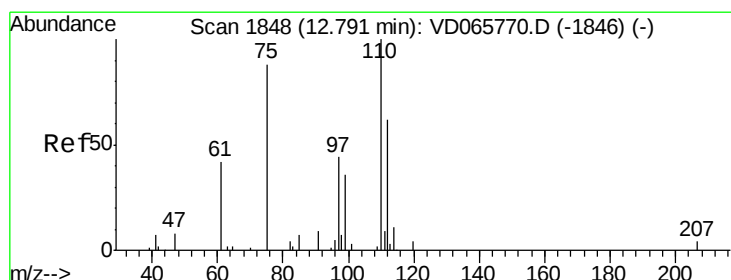
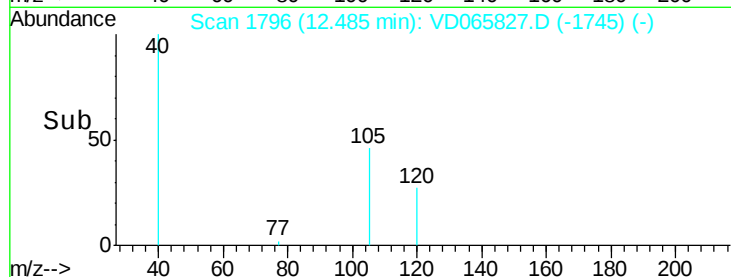
300

200

100

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 2.444 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. -0.02 min

Lab File: VD065827.D

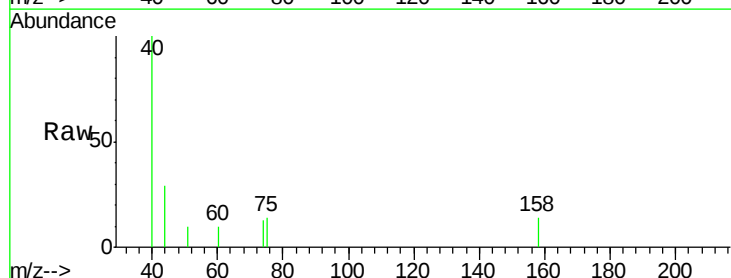
Acq: 19 Jun 2020 14:38

Tgt Ion: 75 Resp: 149

Ion Ratio Lower Upper

75 100

77 103.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

300

250

200

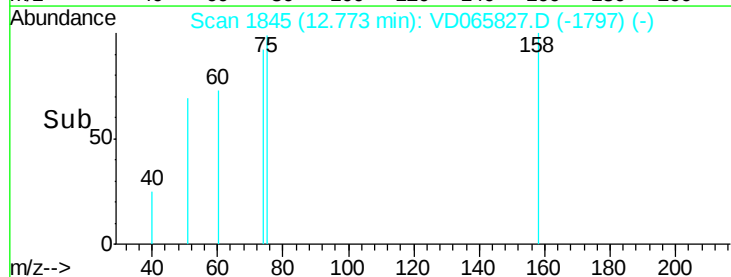
150

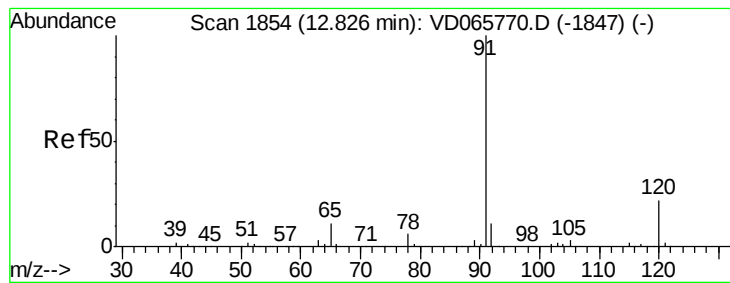
100

50

0

Time-->





#78

n-propylbenzene

Concen: 1.527 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

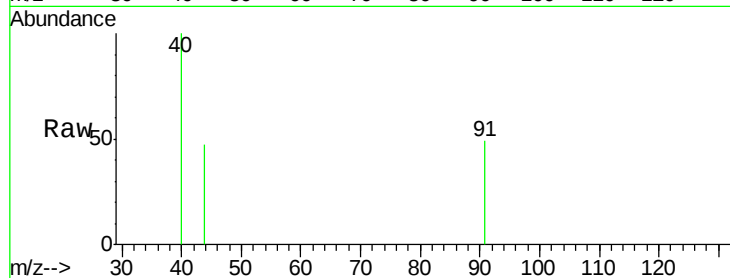
TR-05-061720

Tgt Ion: 91 Resp: 966

Ion Ratio Lower Upper

91 100

120 9.7 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC

12.83

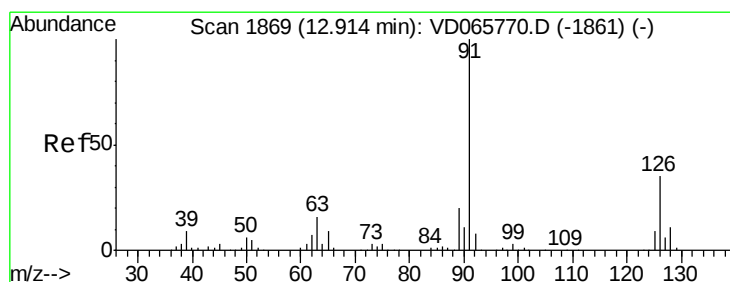
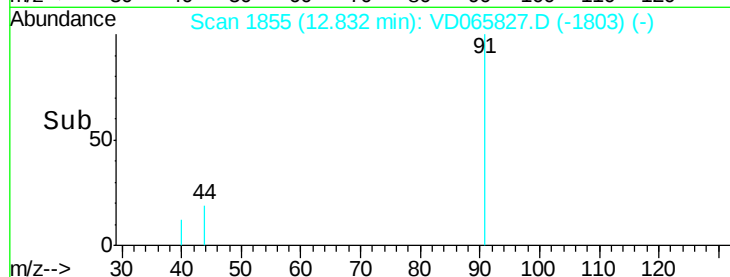
600

400

200

0

Time-->



#79

2-Chlorotoluene

Concen: 1.190 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD065827.D

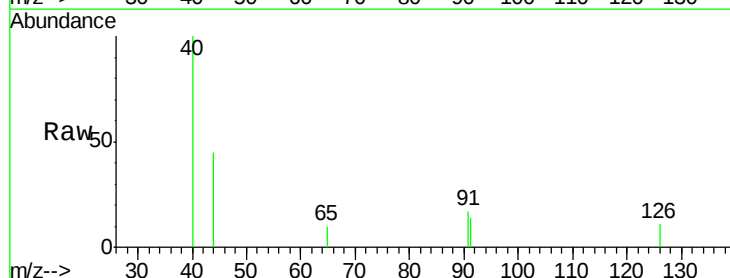
Acq: 19 Jun 2020 14:38

Tgt Ion: 91 Resp: 413

Ion Ratio Lower Upper

91 100

126 29.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

12.92

500

400

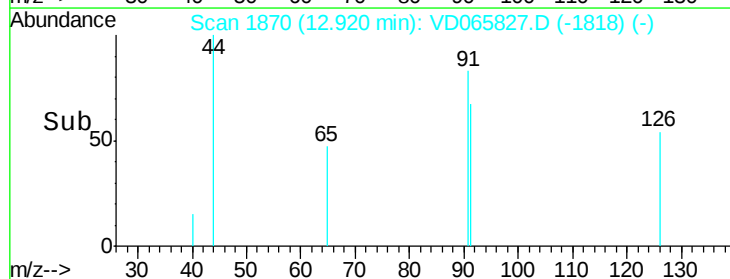
300

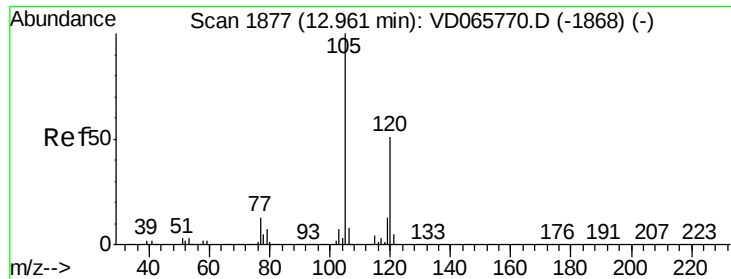
200

100

0

Time-->

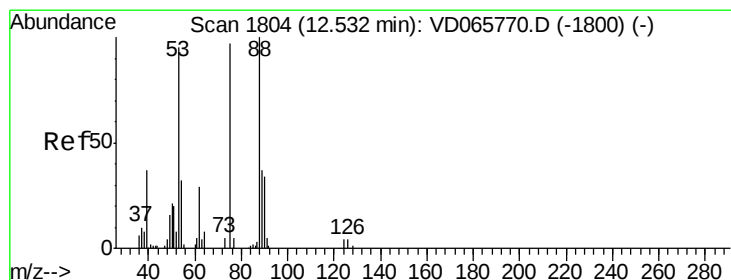
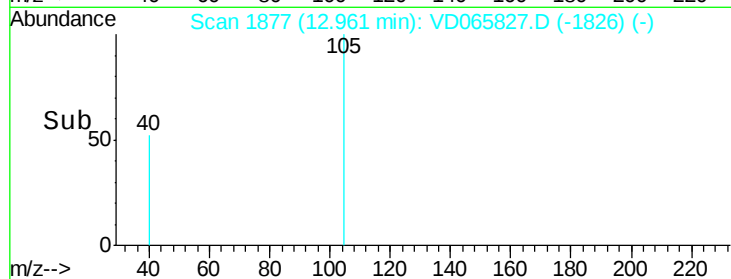
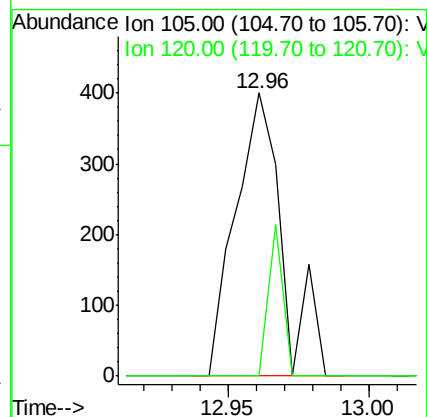
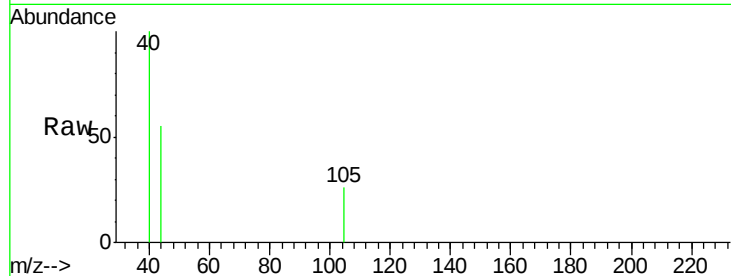




#80
 1,3,5-Trimethylbenzene
 Concen: 1.054 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065827.D
 Acq: 19 Jun 2020 14:38

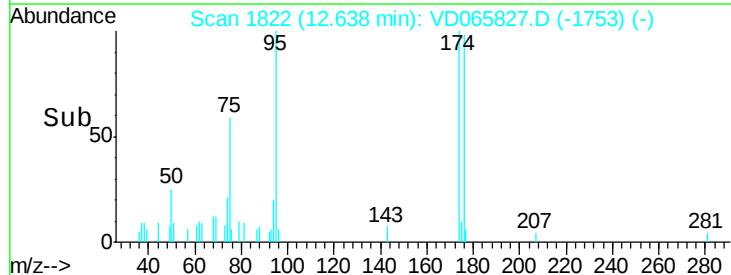
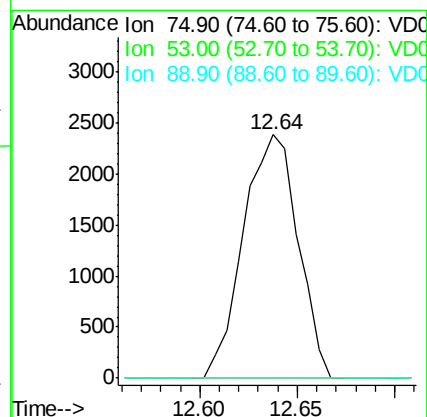
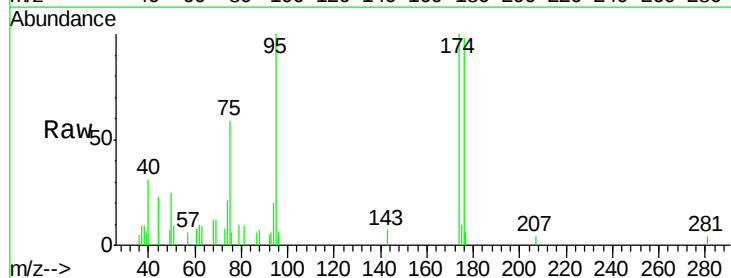
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-061720

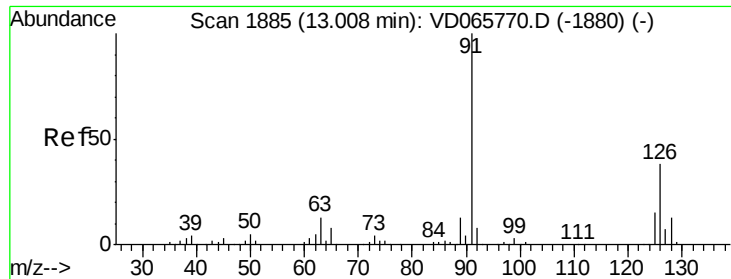
Tgt Ion: 105 Resp: 461
 Ion Ratio Lower Upper
 105 100
 120 16.3 25.4 76.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 163.826 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD065827.D
 Acq: 19 Jun 2020 14:38

Tgt Ion: 75 Resp: 4622
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 123.8#
 89 0.0 35.9 53.9#





#82

4-Chlorotoluene

Concen: 1.109 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. -0.09 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

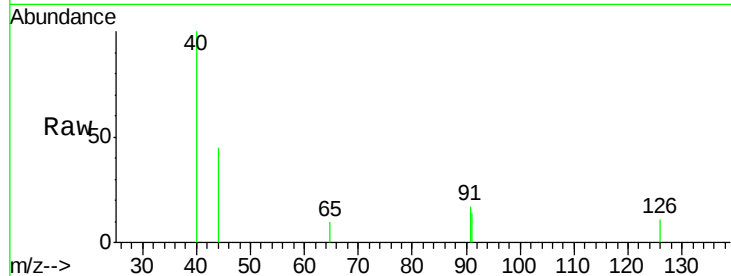
TR-05-061720

Tgt Ion: 91 Resp: 413

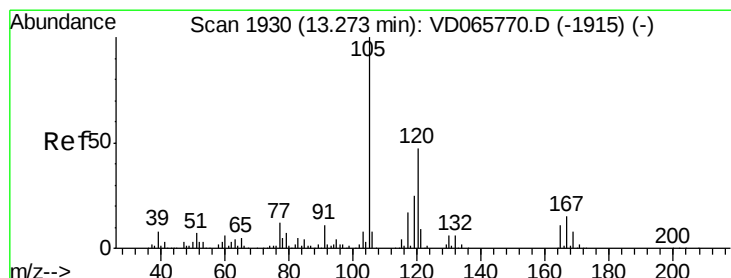
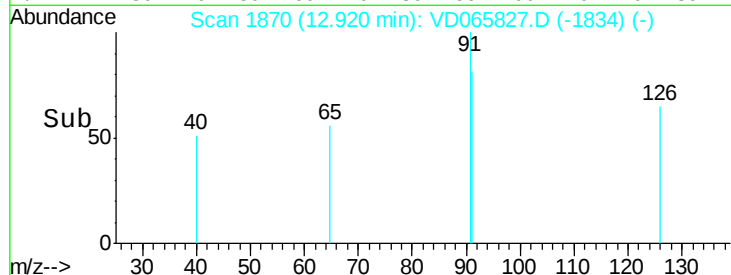
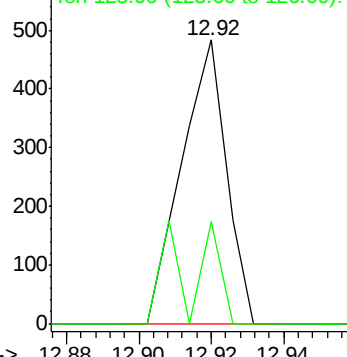
Ion Ratio Lower Upper

91 100

126 29.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.574 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD065827.D

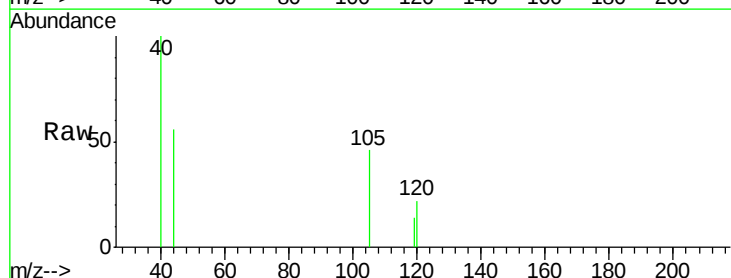
Acq: 19 Jun 2020 14:38

Tgt Ion: 105 Resp: 689

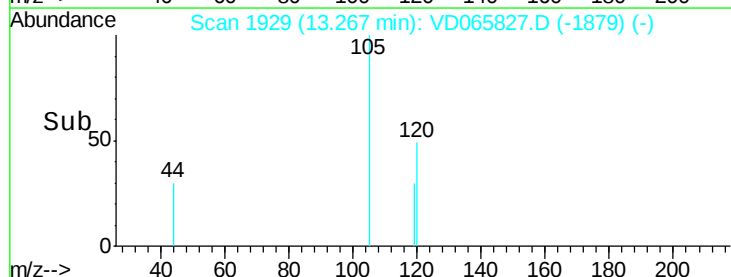
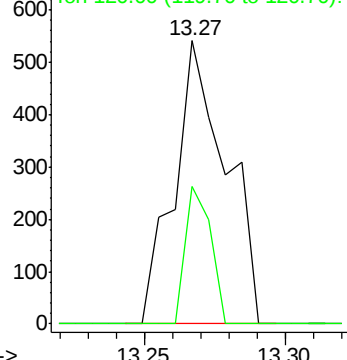
Ion Ratio Lower Upper

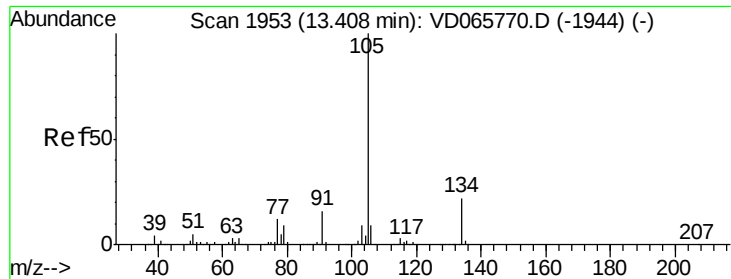
105 100

120 23.7 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V





#85

sec-Butylbenzene

Concen: 1.263 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

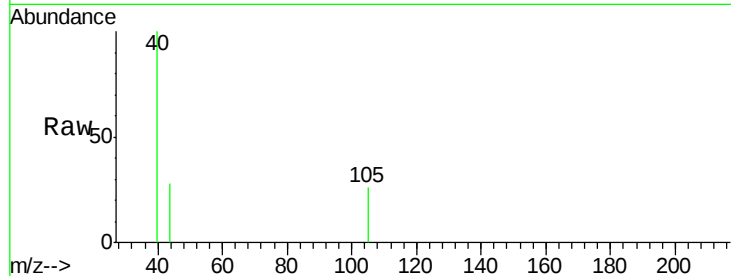
TR-05-061720

Tgt Ion:105 Resp: 667

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

400

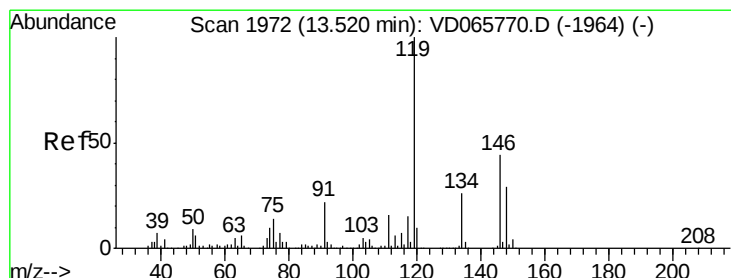
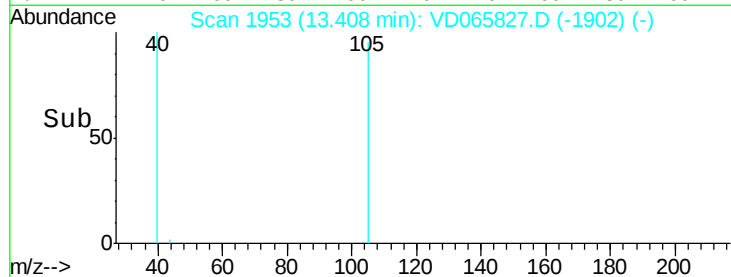
300

200

100

0

Time-->



#87

1,3-Dichlorobenzene

Concen: 1.432 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

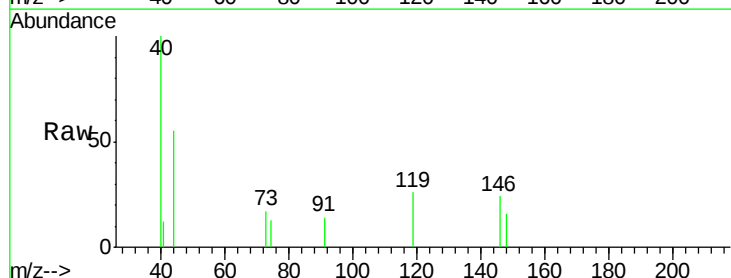
Tgt Ion:146 Resp: 351

Ion Ratio Lower Upper

146 100

111 17.4 19.2 57.6#

148 83.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.53

400

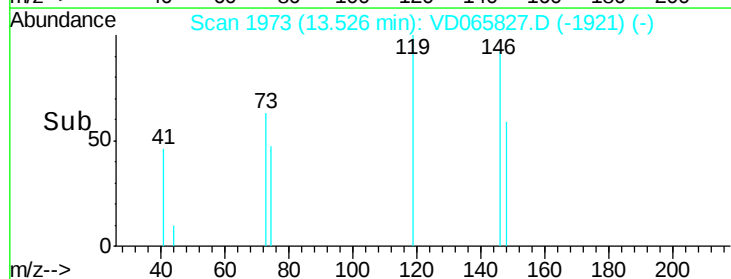
300

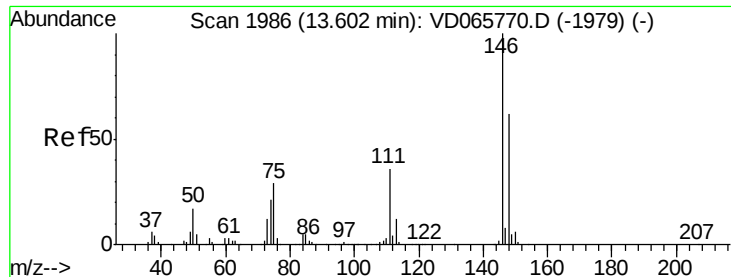
200

100

0

Time-->





#88

1,4-Dichlorobenzene

Concen: 2.649 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

TR-05-061720

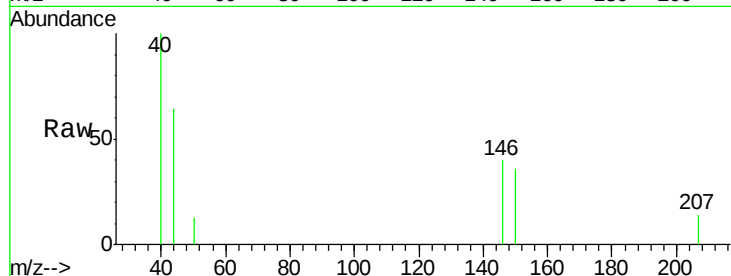
Tgt Ion:146 Resp: 646

Ion Ratio Lower Upper

146 100

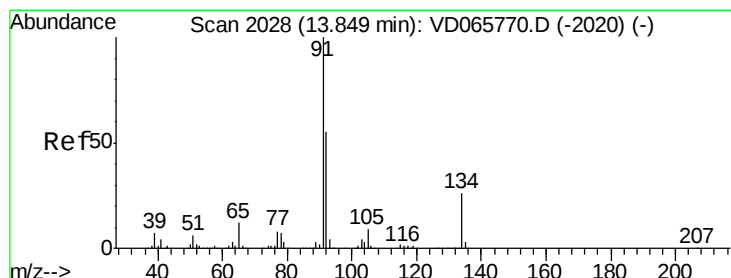
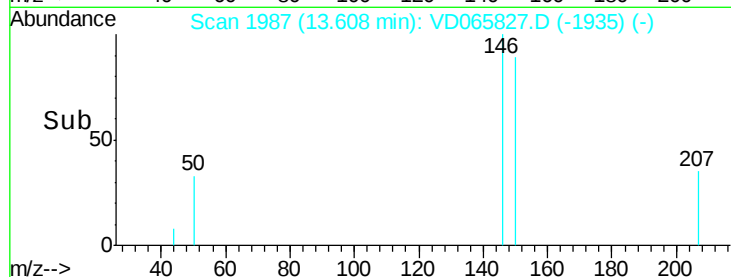
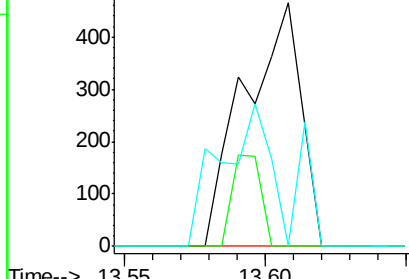
111 18.9 18.9 56.7#

148 51.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

13.61



#89

n-Butylbenzene

Concen: 1.928 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.01 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

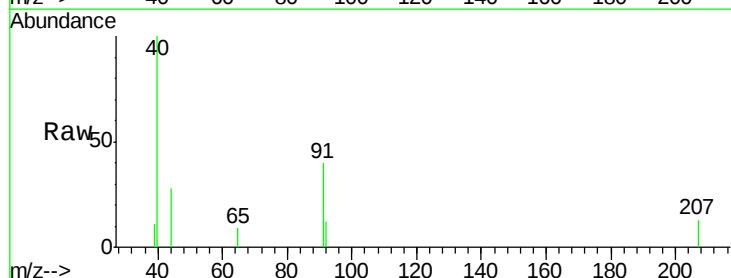
Tgt Ion: 91 Resp: 890

Ion Ratio Lower Upper

91 100

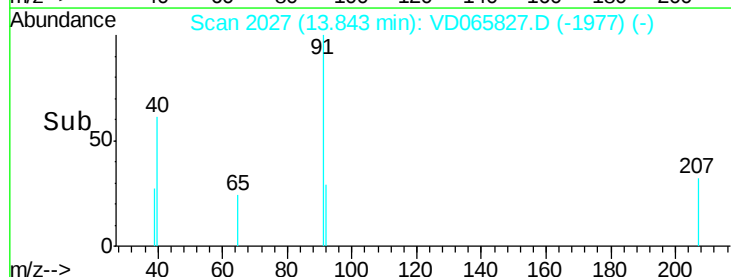
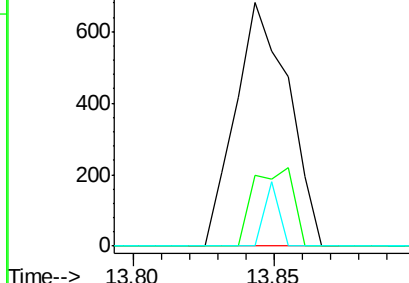
92 24.2 27.0 81.0#

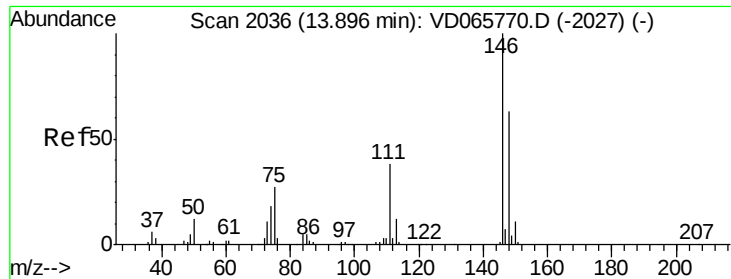
134 7.2 13.0 39.0#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

13.84





#91

1,2-Dichlorobenzene

Concen: 1.953 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

TR-05-061720

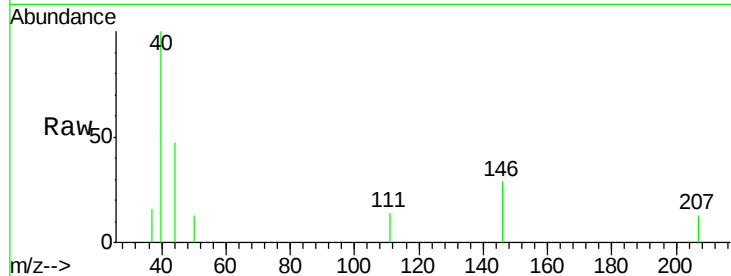
Tgt Ion:146 Resp: 412

Ion Ratio Lower Upper

146 100

111 31.6 19.8 59.4

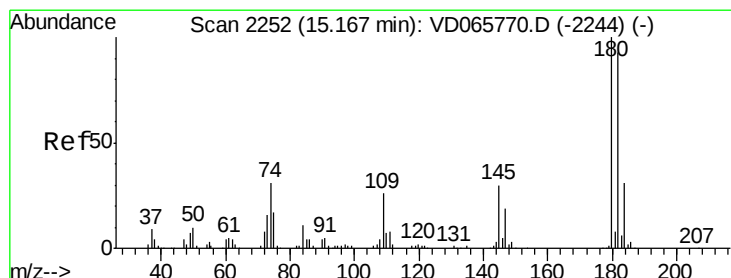
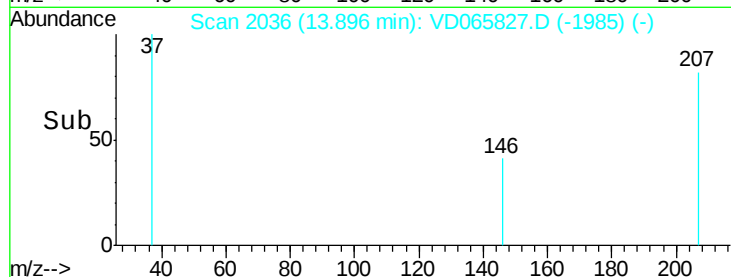
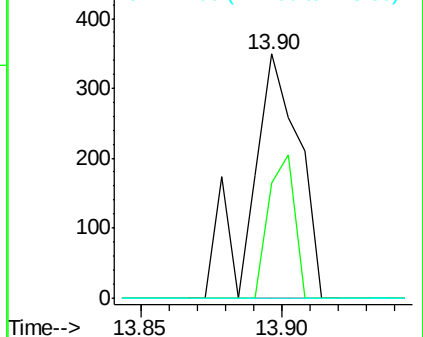
148 0.0 31.9 95.7#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 2.740 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VD065827.D

Acq: 19 Jun 2020 14:38

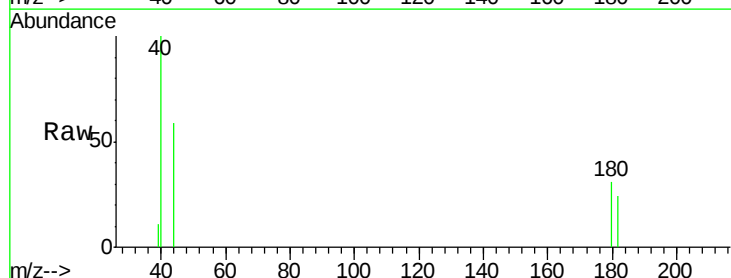
Tgt Ion:180 Resp: 393

Ion Ratio Lower Upper

180 100

182 104.1 48.0 144.2

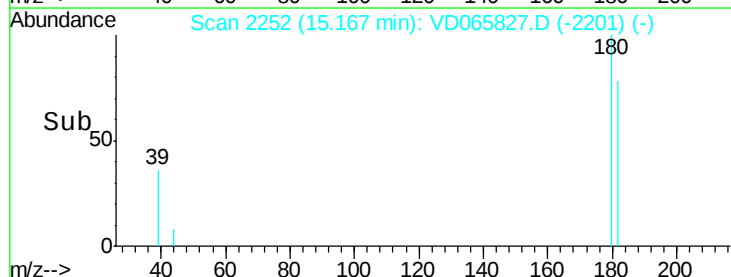
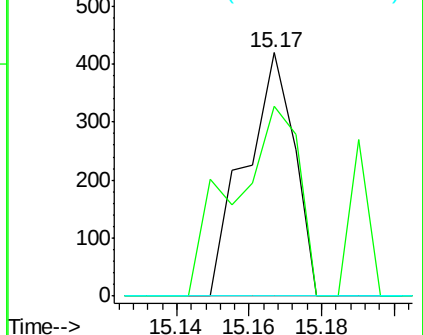
145 0.0 14.9 44.9#

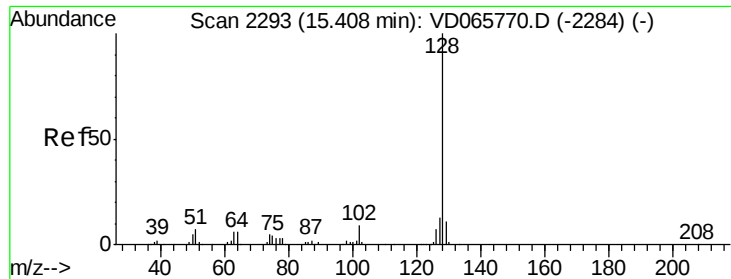


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.354 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065827.D

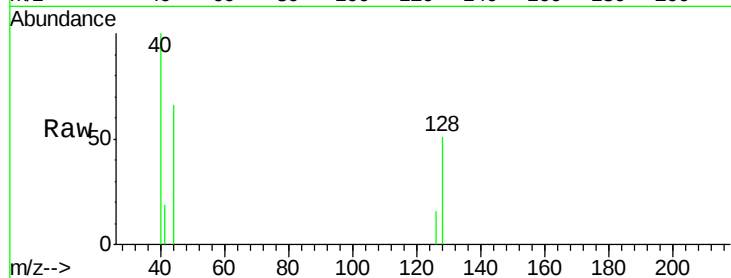
Acq: 19 Jun 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

TR-05-061720



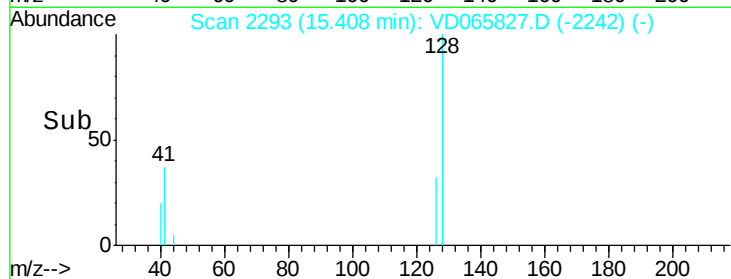
Tgt Ion:128 Resp: 1058

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.6 12.8#



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

800

600

400

200

0

15.35

15.40

15.45

15.41

Time-->