

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066559.D
 Acq On : 04 Sep 2020 13:27
 Operator : VA/SY
 Sample : L3877-06
 Misc : 8.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Sep 05 03:46:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	464903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	813680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	715339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	280920	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.91	113	268006	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.34	98	988942	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.63	95	327542	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

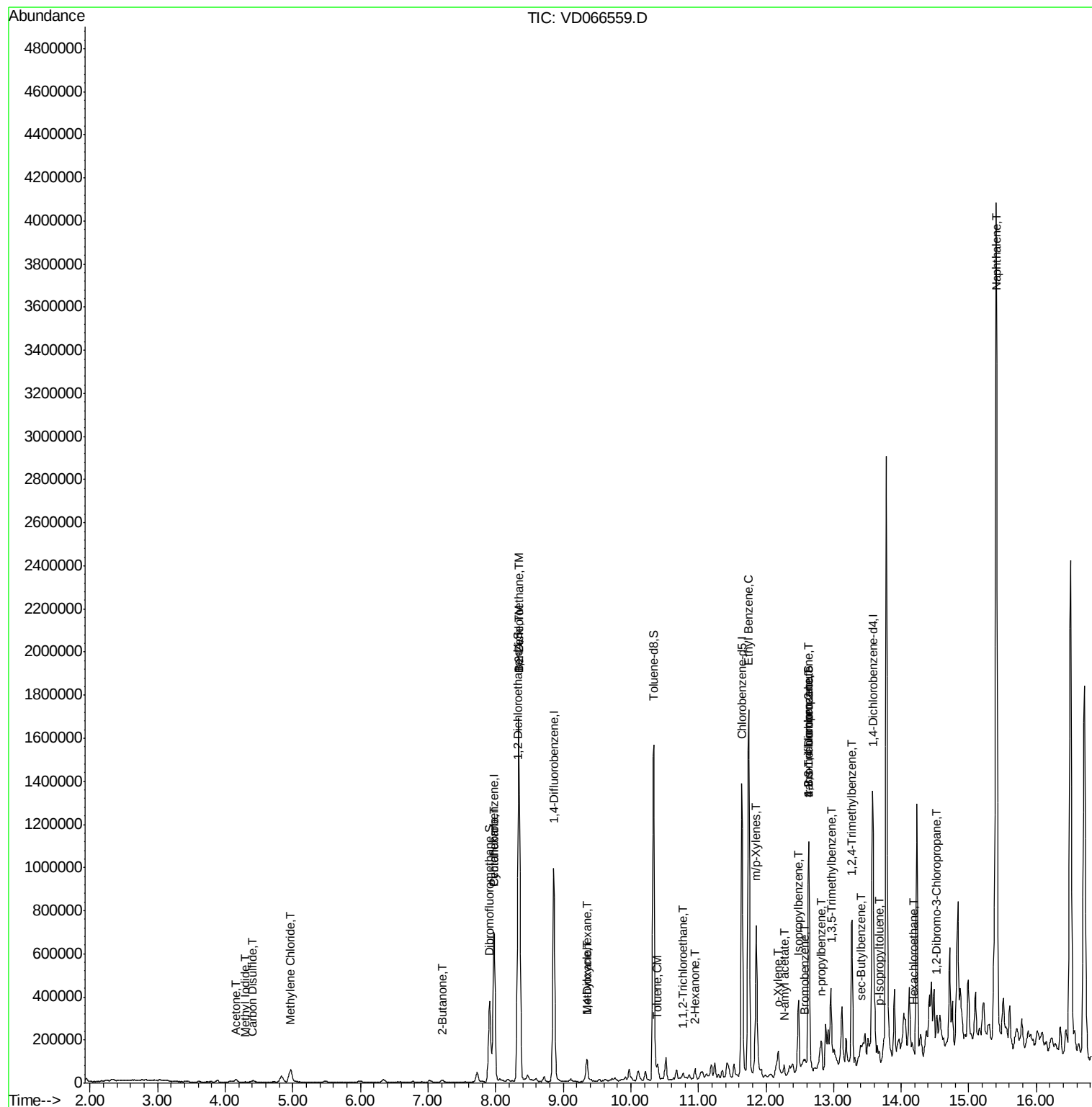
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	1411	Below Cal		96
5) Bromomethane	2.78	94	1714	Below Cal	#	53
10) Methyl Iodide	4.29	142	1484	4.310	ug/l #	53
16) Acetone	4.16	43	21390	20.667	ug/l	100
17) Carbon Disulfide	4.41	76	16224	1.054	ug/l	96
20) Methylene Chloride	4.97	84	43785	1.319	ug/l	96
25) 2-Butanone	7.21	43	6557	4.720	ug/l #	80
31) Cyclohexane	7.98	56	21095	2.299	ug/l #	40
39) Methylcyclohexane	9.35	83	38333	4.054	ug/l	97
40) Benzene	8.34	78	1538262	66.328	ug/l	100
42) 1,2-Dichloroethane	8.34	62	15808	2.104	ug/l	82
49) 1,4-Dioxane	9.36	88	56	1.586	ug/l #	1
52) Toluene	10.40	92	27971	1.905	ug/l	92
55) 1,1,2-Trichloroethane	10.77	97	9719	2.349	ug/l #	27
59) 2-Hexanone	10.95	43	18245	8.325	ug/l #	29
67) Ethyl Benzene	11.74	91	1184728	43.702	ug/l	99
68) m/p-Xylenes	11.86	106	184504	18.330	ug/l	97
69) o-Xylene	12.18	106	28654	3.176	ug/l	100
73) Isopropylbenzene	12.48	105	211794	9.212	ug/l	99
74) N-amyl acetate	12.27	43	10408	1.999	ug/l #	68
76) 1,2,3-Trichloropropane	12.63	75	187216	62.687	ug/l #	100
77) Bromobenzene	12.58	156	17595	3.433	ug/l #	1
78) n-propylbenzene	12.82	91	91212	3.273	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	132235	6.833	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.63	75	187216	146.352	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.27	105	377691	19.603	ug/l	98
85) sec-Butylbenzene	13.41	105	23746	1.043	ug/l	79
86) p-Isopropyltoluene	13.67	119	31911	1.557	ug/l	85
90) Hexachloroethane	14.18	117	24498	5.548	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2288	3.316	ug/l #	9
95) Naphthalene	15.41	128	3544434	379.976	ug/l	99

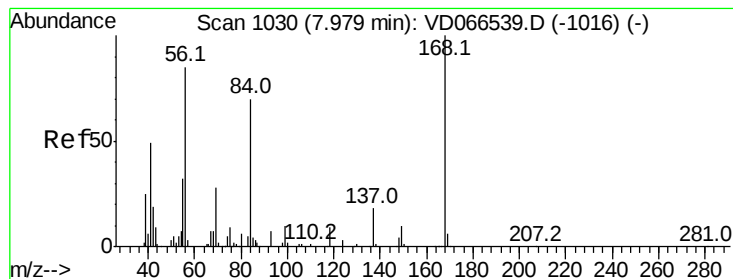
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

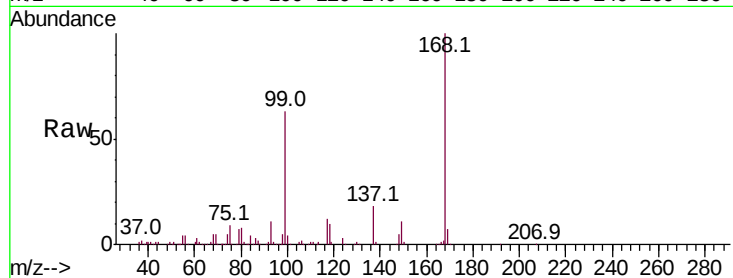
TP-2

Tot Ion:168 Resp: 464903

Ion Ratio Lower Upper

168 100

99 62.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

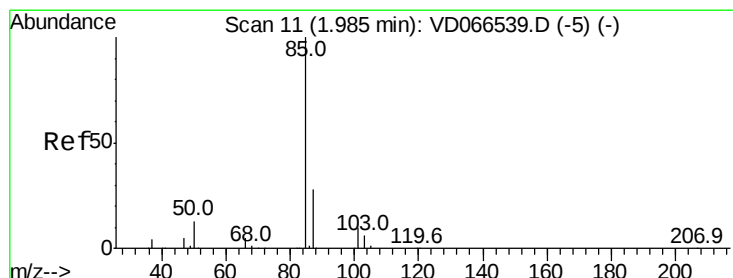
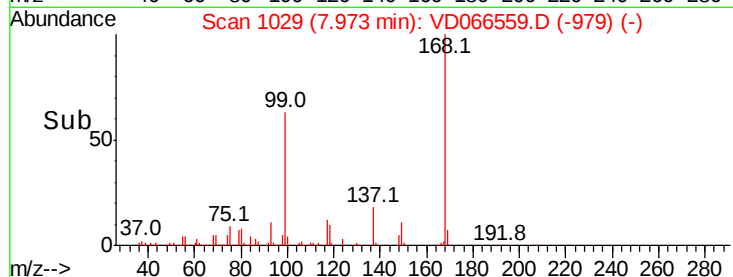
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066559.D

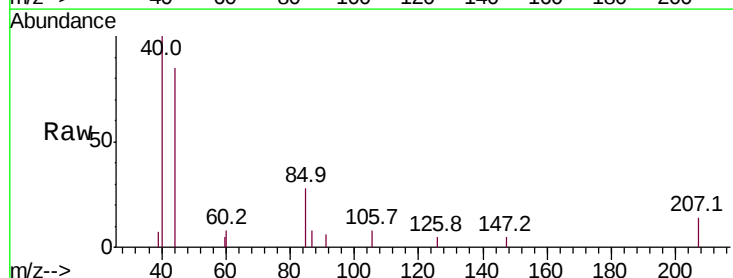
Acq: 04 Sep 2020 13:27

Tgt Ion: 85 Resp: 1411

Ion Ratio Lower Upper

85 100

87 30.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

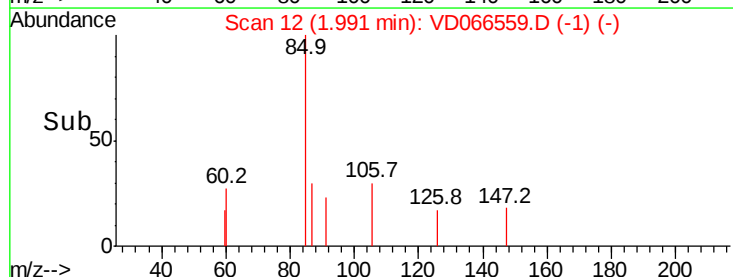
600

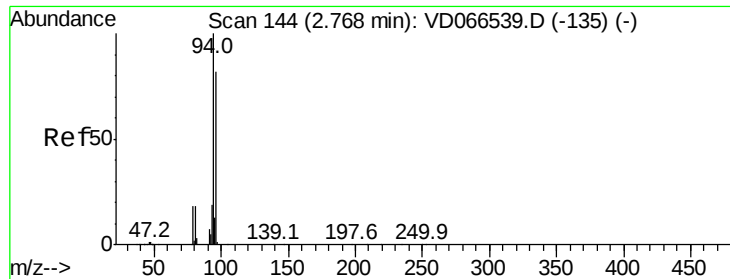
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

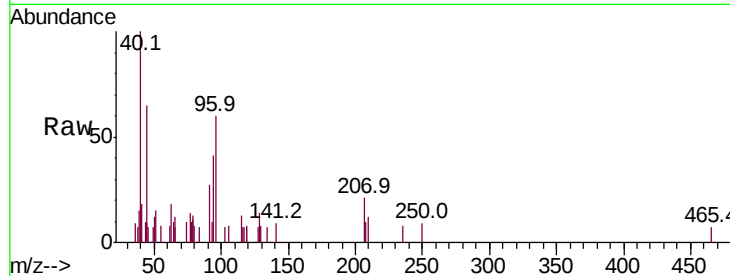
TP-2

Tot Ion: 94 Resp: 1714

Ion Ratio Lower Upper

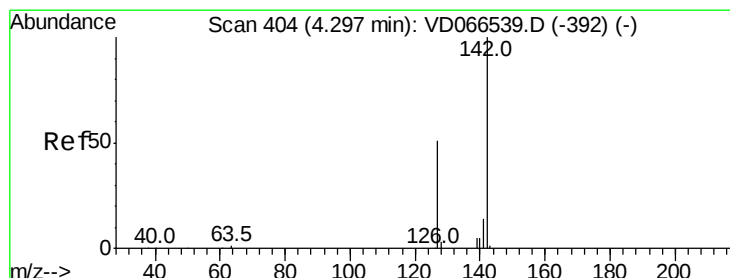
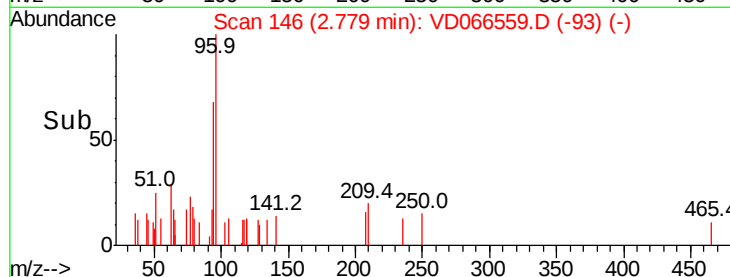
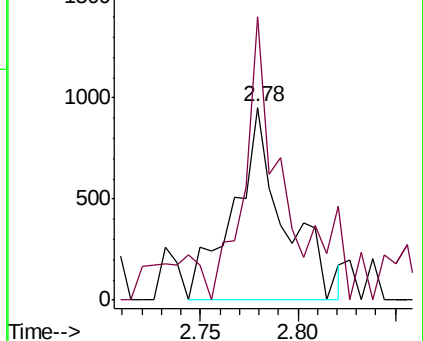
94 100

96 123.7 65.2 97.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 4.310 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

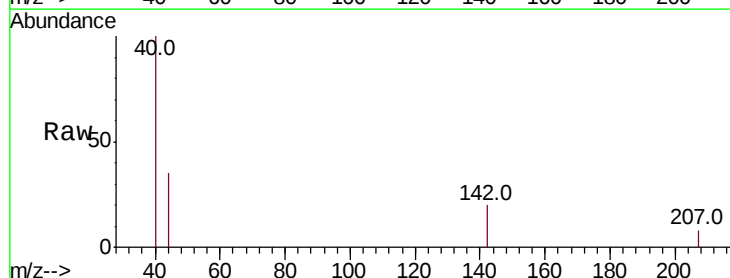
Tgt Ion:142 Resp: 1484

Ion Ratio Lower Upper

142 100

127 15.8 40.6 61.0#

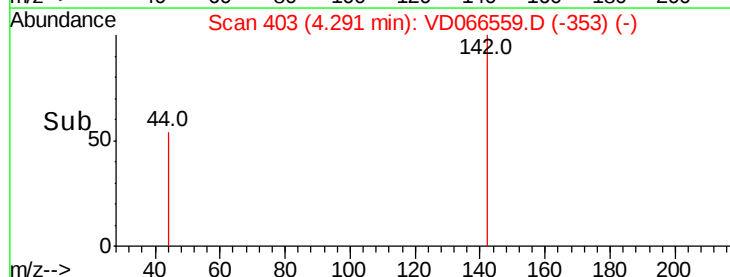
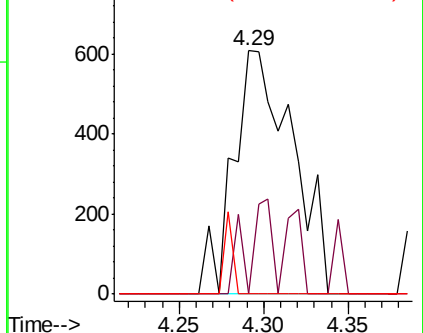
141 0.0 12.2 18.4#

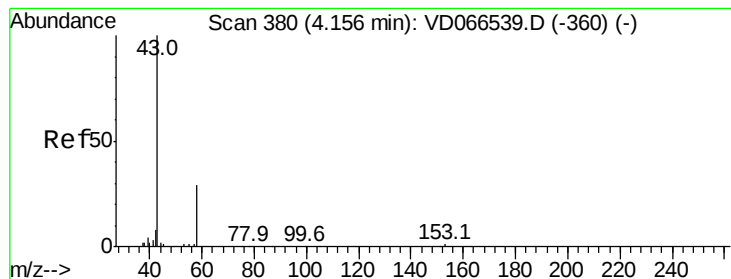


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 20.667 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampled :

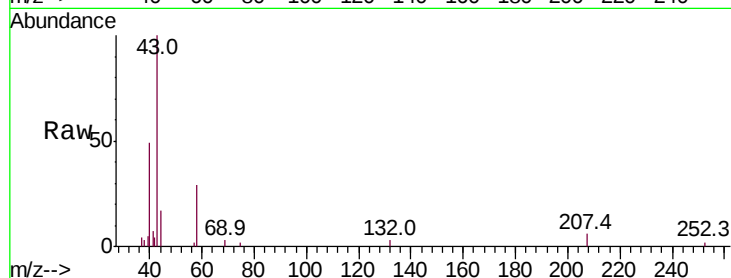
TP-2

Tot Ion: 43 Resp: 21390

Ion Ratio Lower Upper

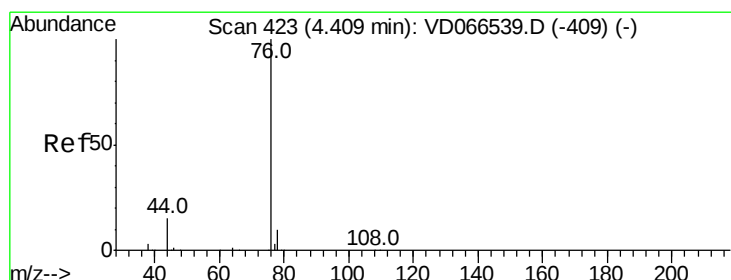
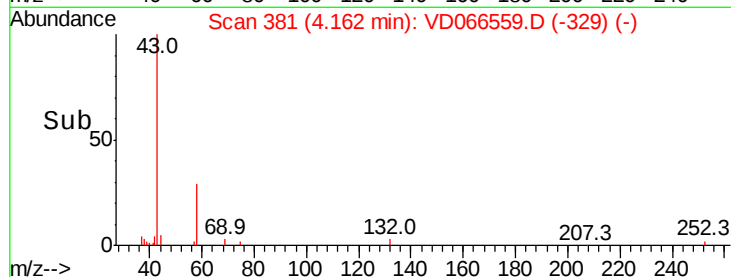
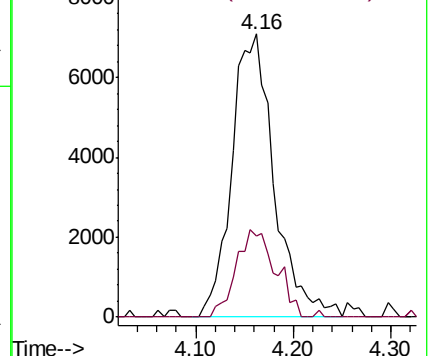
43 100

58 28.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 1.054 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066559.D

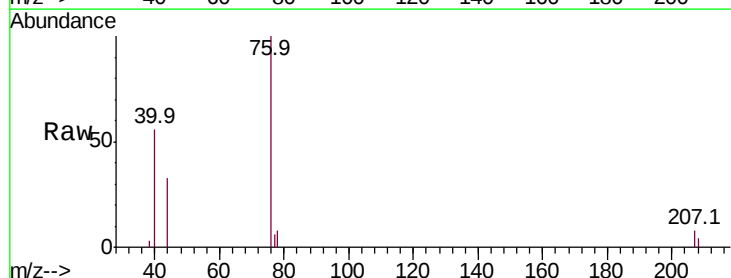
Acq: 04 Sep 2020 13:27

Tgt Ion: 76 Resp: 16224

Ion Ratio Lower Upper

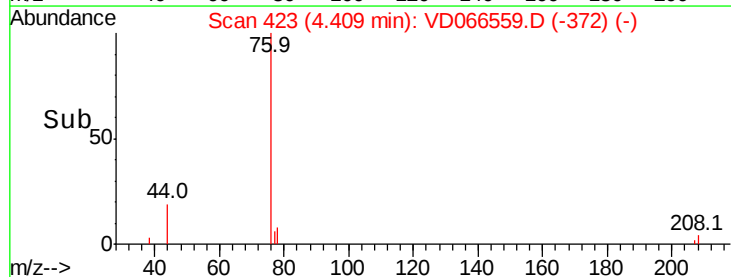
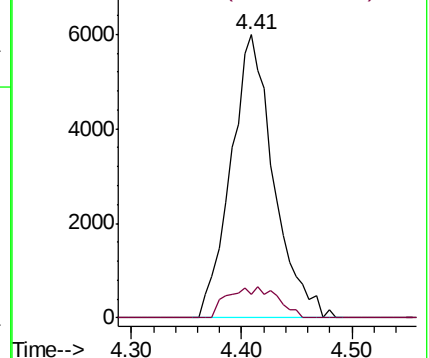
76 100

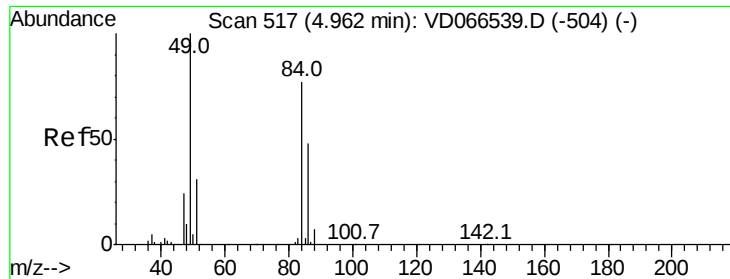
78 8.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

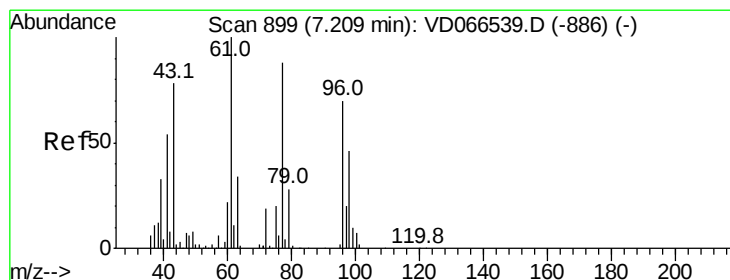
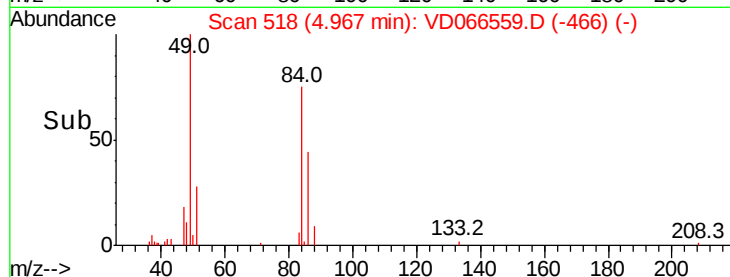
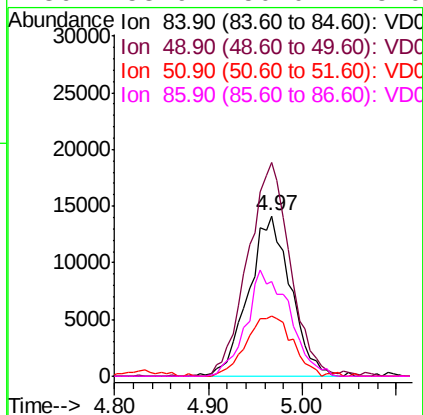
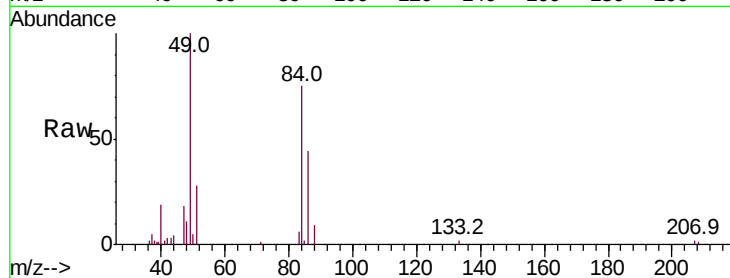




#20
Methvlene Chloride
Concen: 1.319 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

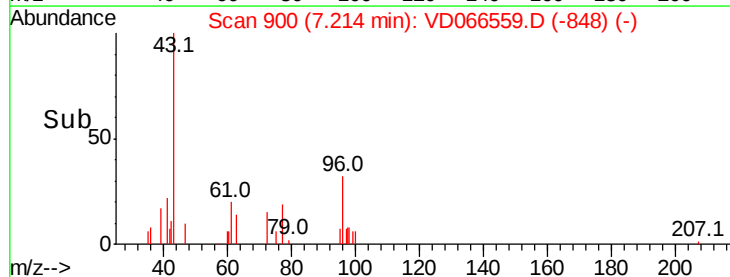
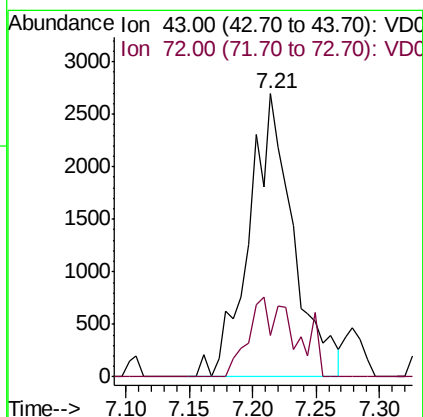
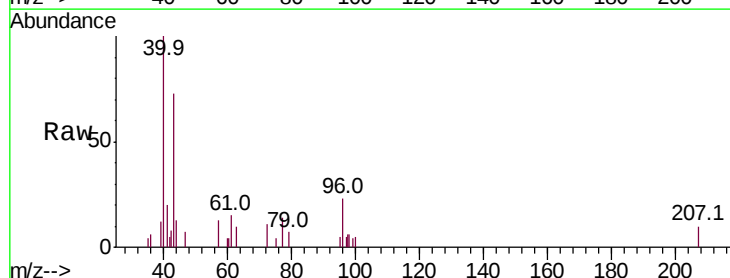
Instrument :
MSVOA_D
ClientSampled :
TP-2

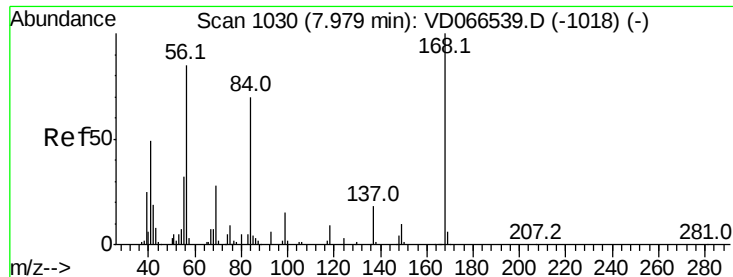
Tot Ion: 84 Resp: 43785
Ion Ratio Lower Upper
84 100
49 133.2 104.3 156.5
51 35.6 32.2 48.4
86 58.9 50.0 75.0



#25
2-Butanone
Concen: 4.720 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

Tgt Ion: 43 Resp: 6557
Ion Ratio Lower Upper
43 100
72 14.5 19.8 29.6#

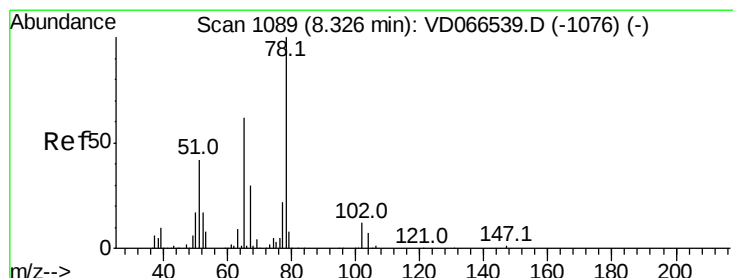
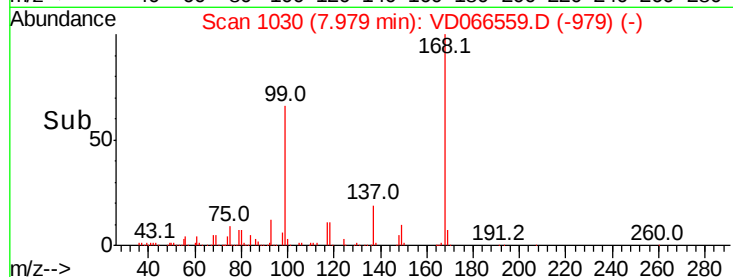
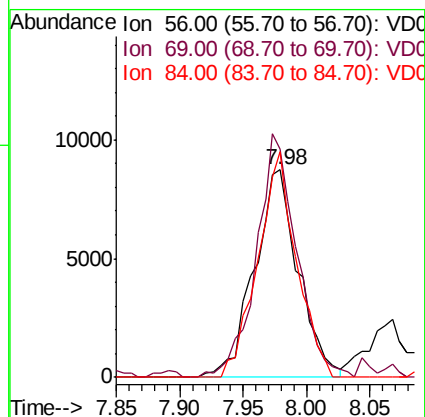
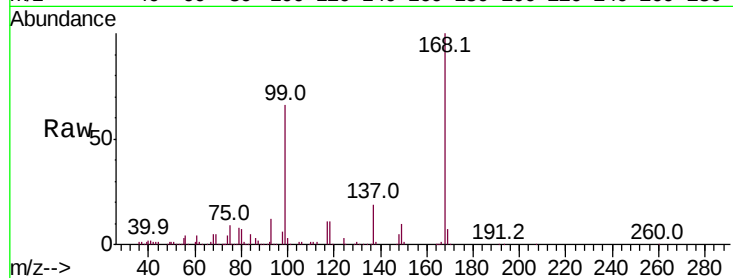




#31
Cyclohexane
Concen: 2.299 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

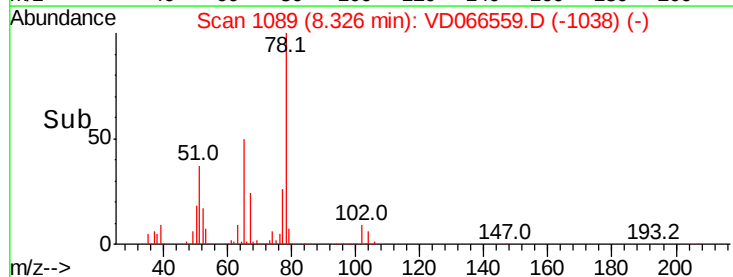
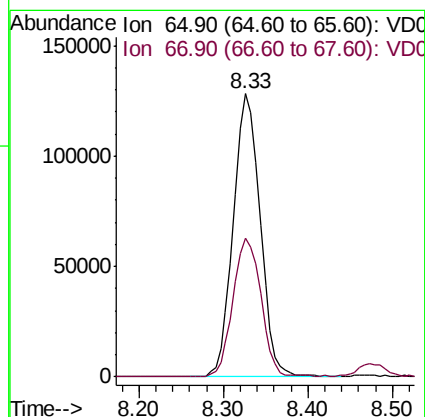
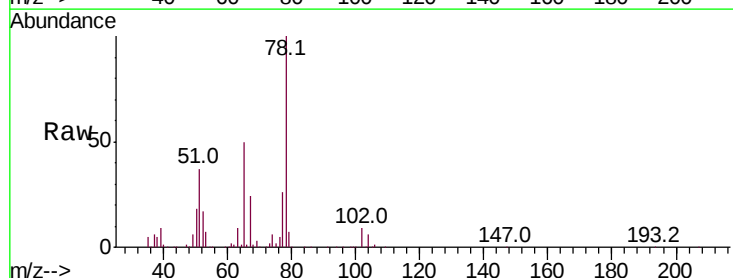
Instrument :
MSVOA_D
ClientSampled :
TP-2

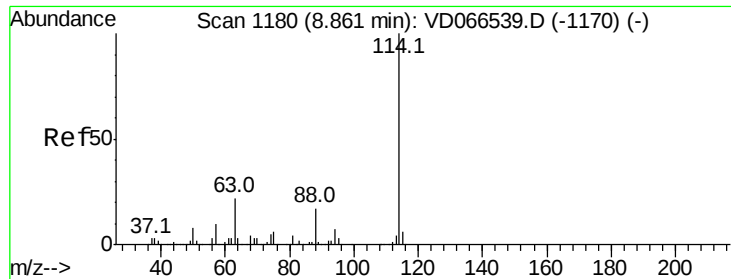
Tot Ion: 56 Resp: 21095
Ion Ratio Lower Upper
56 100
69 110.2 26.3 39.5#
84 108.8 66.1 99.1#



#33
1,2-Dichloroethane-d4
Concen: 49.942 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

Tgt Ion: 65 Resp: 280920
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8

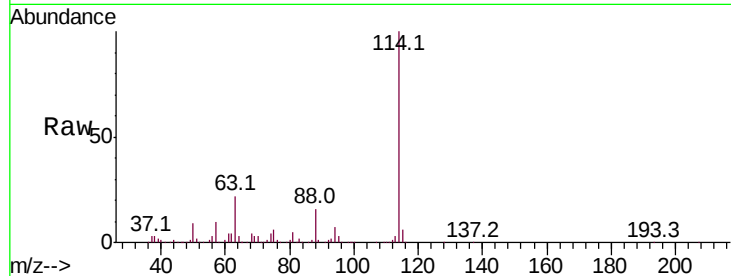




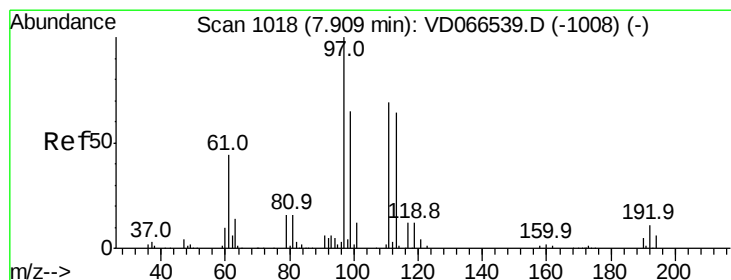
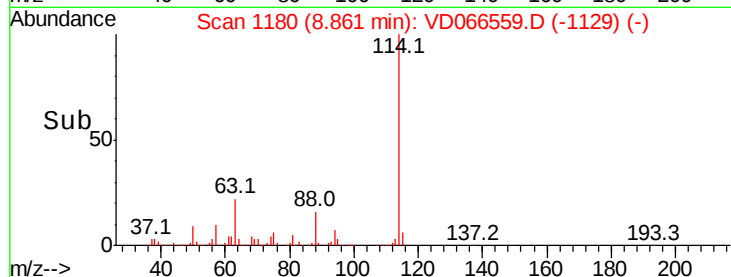
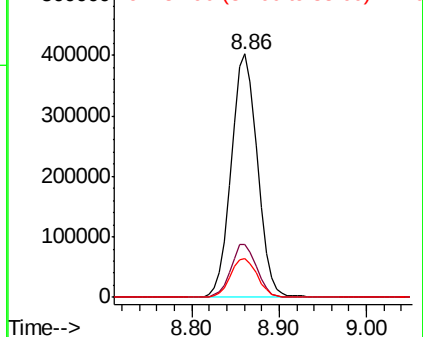
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066559.D
 Acq: 04 Sep 2020 13:27

Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

Tot Ion:114 Resp: 813680
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.9 0.0 33.2

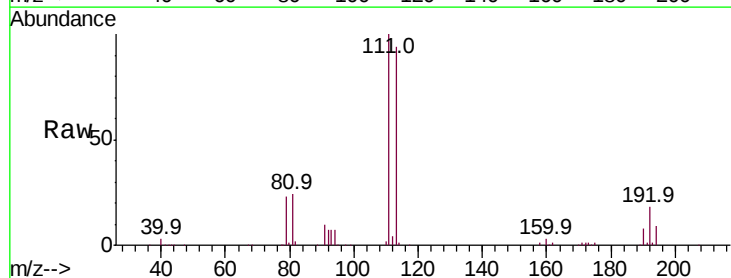


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

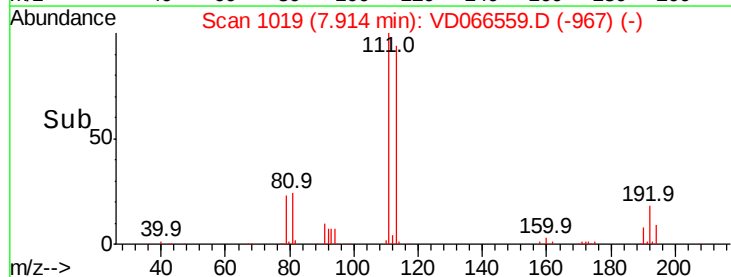
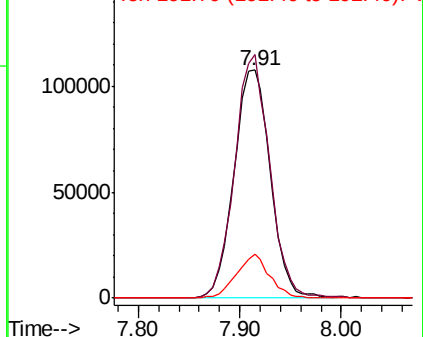


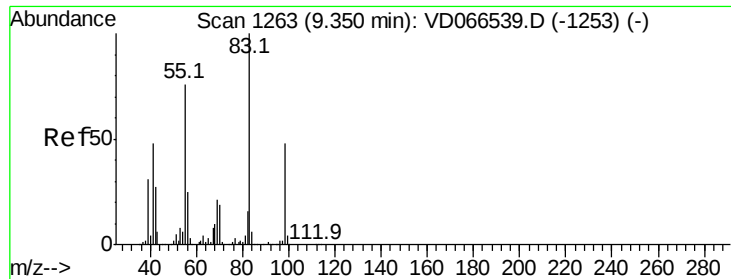
#35
 Dibromofluoromethane
 Concen: 48.825 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066559.D
 Acq: 04 Sep 2020 13:27

Tgt Ion:113 Resp: 268006
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.2 124.8
 192 17.4 13.7 20.5



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

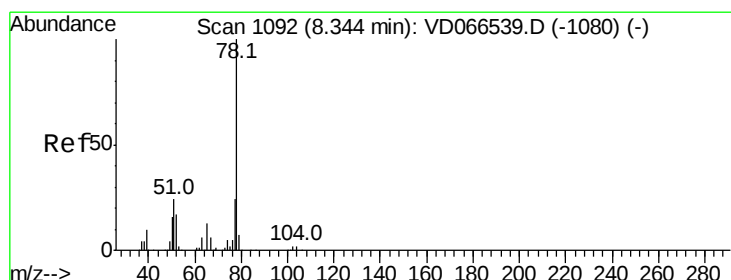
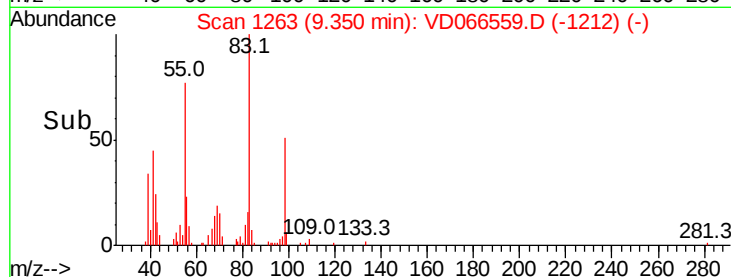
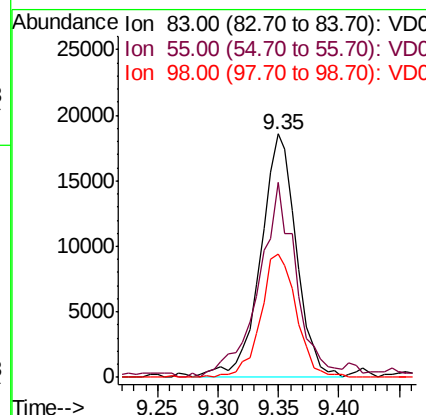
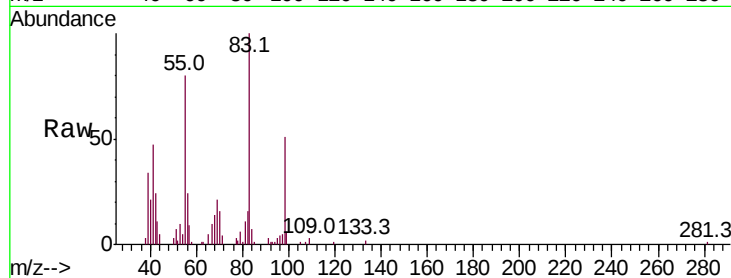




#39
Methvlcvclohexane
Concen: 4.054 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

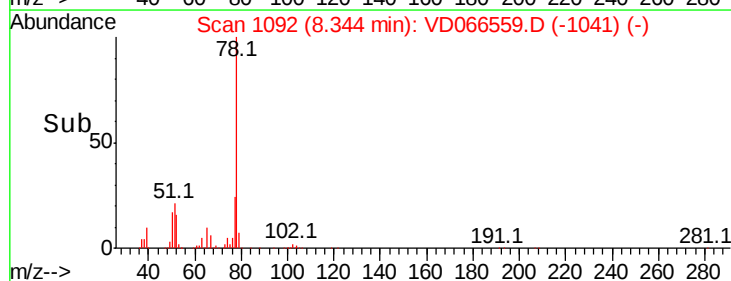
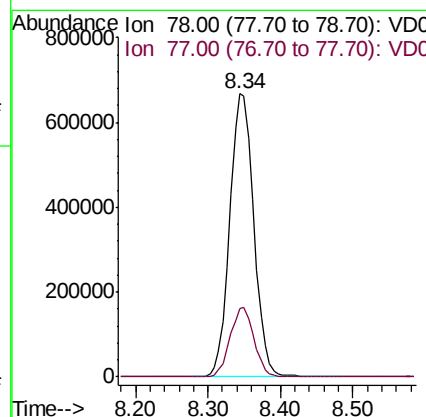
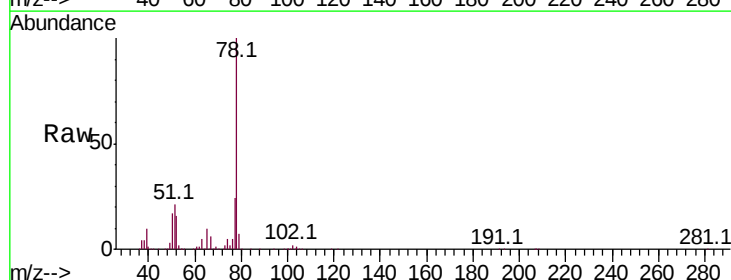
Instrument :
MSVOA_D
ClientSampled :
TP-2

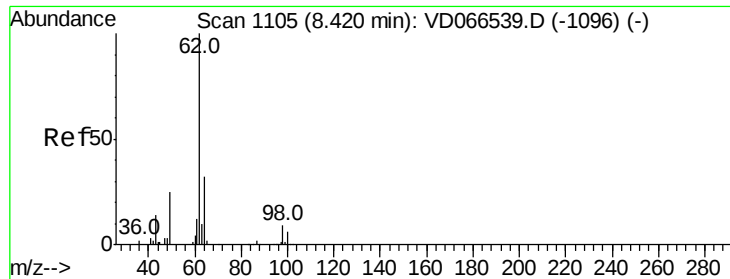
Tot Ion: 83 Resp: 38333
Ion Ratio Lower Upper
83 100
55 78.3 60.8 91.2
98 50.6 38.6 58.0



#40
Benzene
Concen: 66.328 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

Tgt Ion: 78 Resp: 1538262
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#42

1,2-Dichloroethane

Concen: 2.104 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.08 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

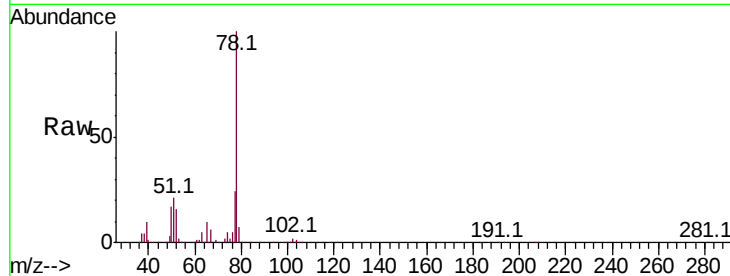
TP-2

Tot Ion: 62 Resp: 15808

Ion Ratio Lower Upper

62 100

98 2.2 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

8.34

8000

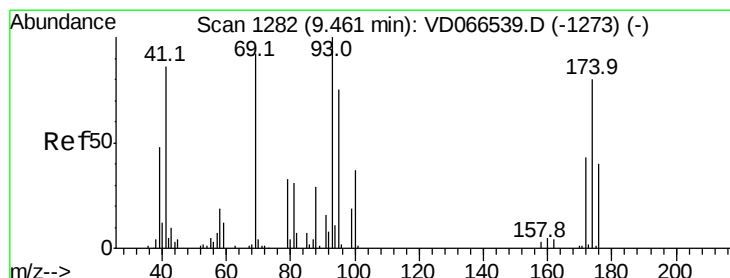
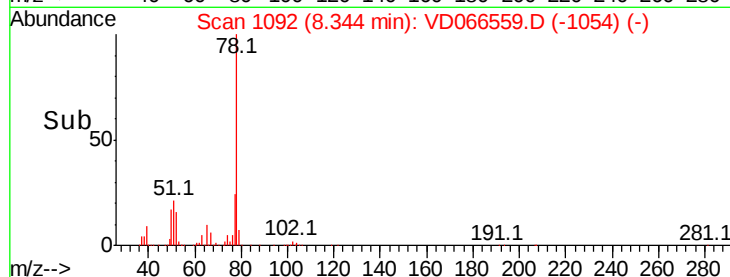
6000

4000

2000

0

Time--> 8.25 8.30 8.35 8.40



#49

1,4-Dioxane

Concen: 1.586 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.11 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

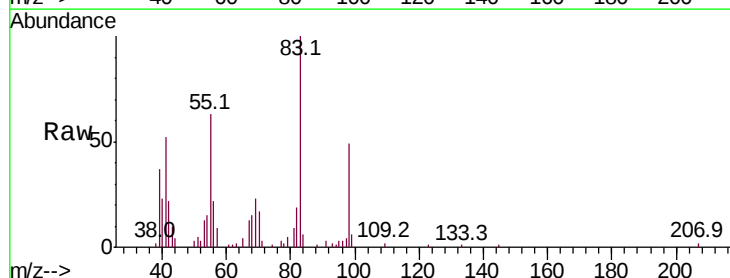
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 7835.7 28.3 42.5#

58 123.2 56.1 84.1#



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

2500

2000

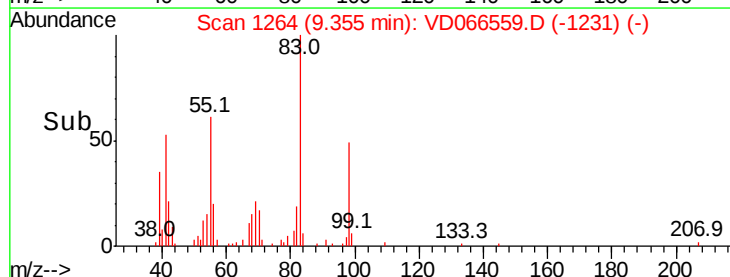
1500

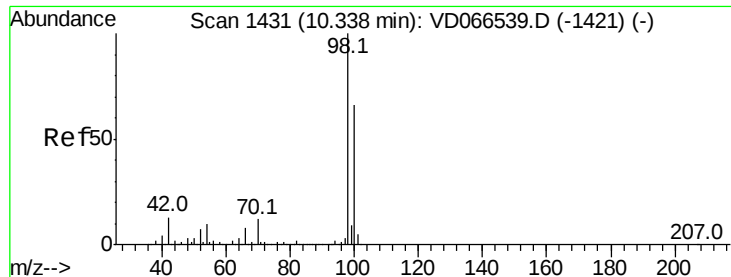
1000

500

0

Time--> 9.34 9.35 9.36 9.37





#50

Toluene-d8

Concen: 50.407 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

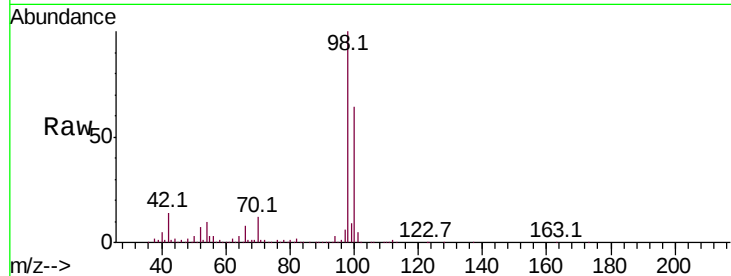
TP-2

Tot Ion: 98 Resp: 988942

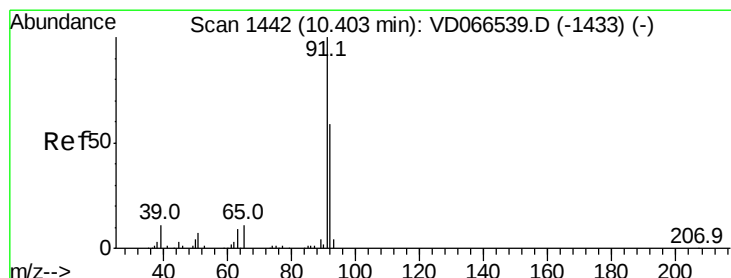
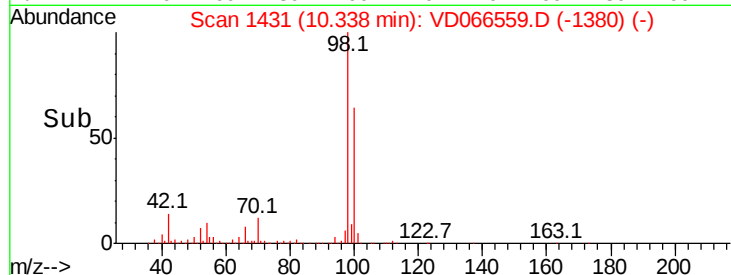
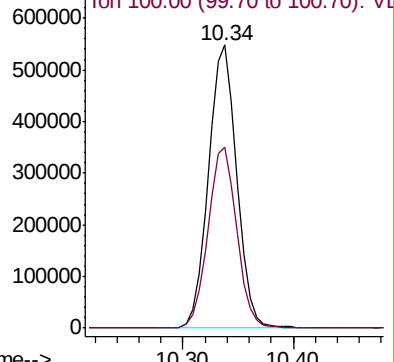
Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC



#52

Toluene

Concen: 1.905 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066559.D

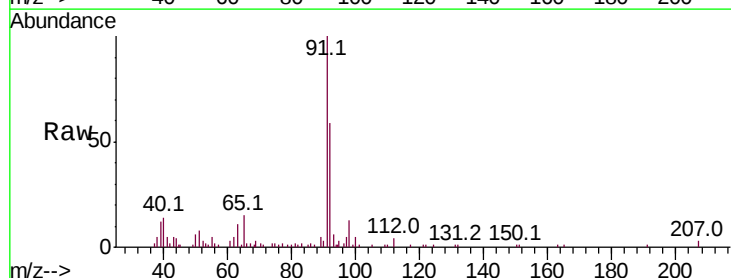
Acq: 04 Sep 2020 13:27

Tgt Ion: 92 Resp: 27971

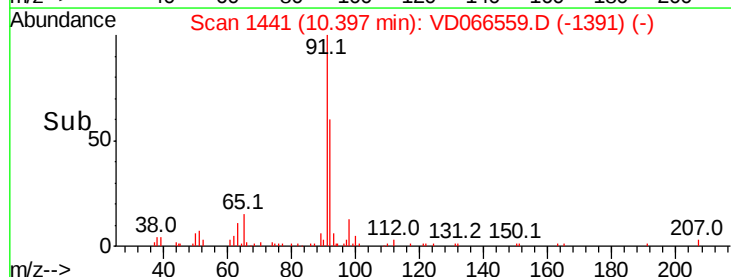
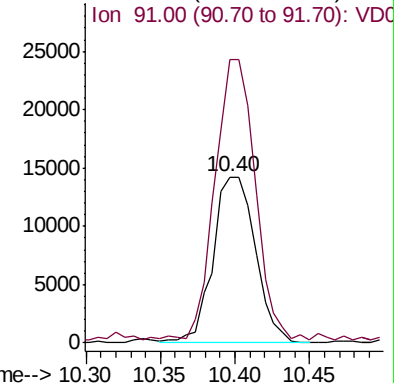
Ion Ratio Lower Upper

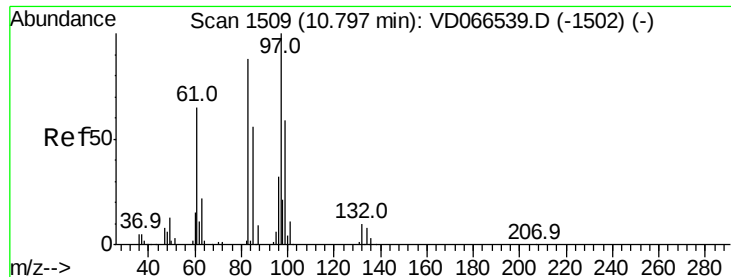
92 100

91 160.5 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC





#55

1,1,2-Trichloroethane

Concen: 2.349 ug/l

RT: 10.77 min Scan# 1504

Delta R.T. -0.03 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleID :

TP-2

Tot Ion: 97 Resp: 9719

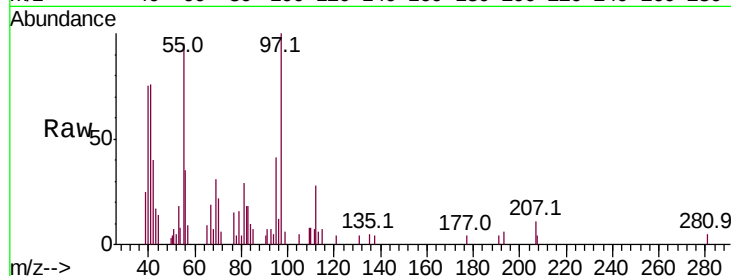
Ion Ratio Lower Upper

97 100

83 14.6 70.1 105.1#

85 7.7 44.5 66.7#

99 6.3 47.1 70.7#

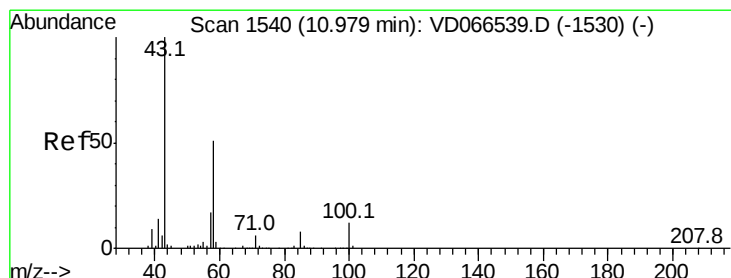
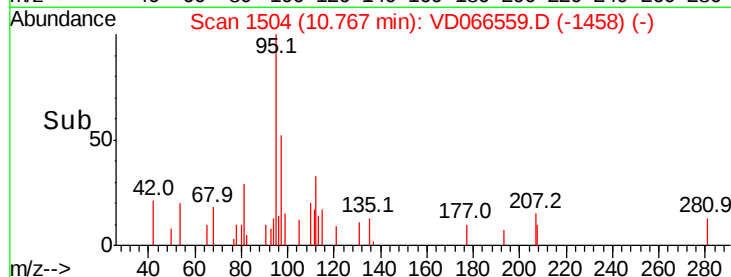
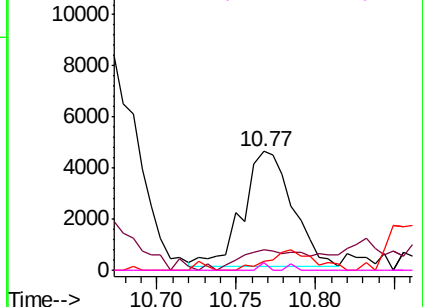


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#59

2-Hexanone

Concen: 8.325 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.03 min

Lab File: VD066559.D

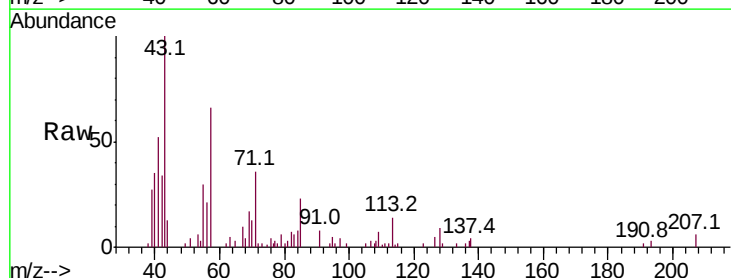
Acq: 04 Sep 2020 13:27

Tgt Ion: 43 Resp: 18245

Ion Ratio Lower Upper

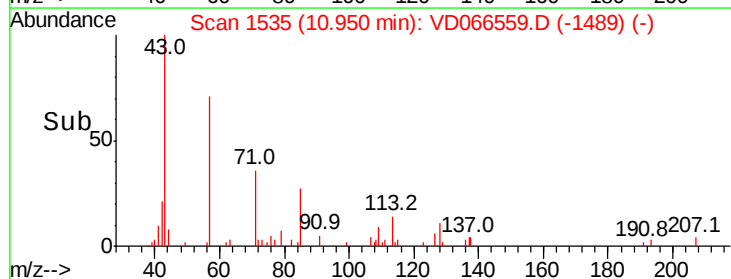
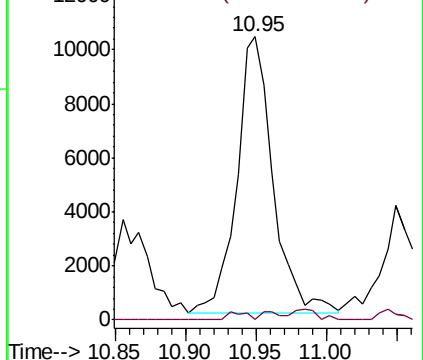
43 100

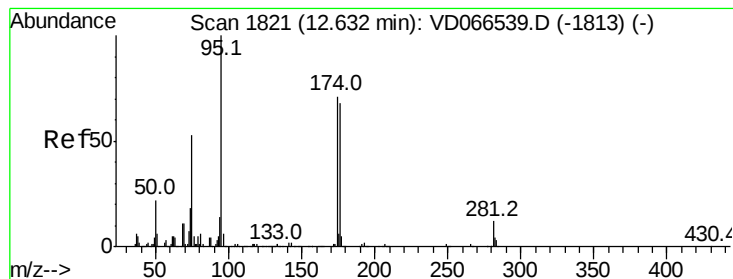
58 1.5 25.6 76.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#62

4-Bromofluorobenzene

Concen: 50.349 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

TP-2

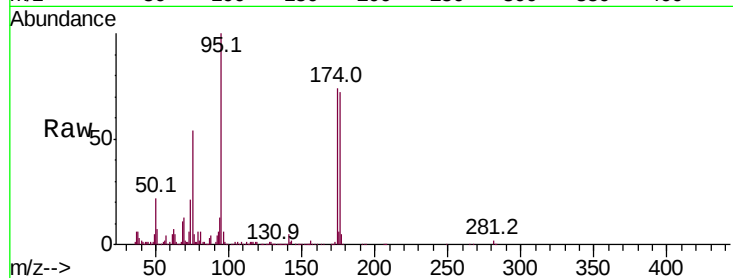
Tot Ion: 95 Resp: 327542

Ion Ratio Lower Upper

95 100

174 76.1 0.0 155.8

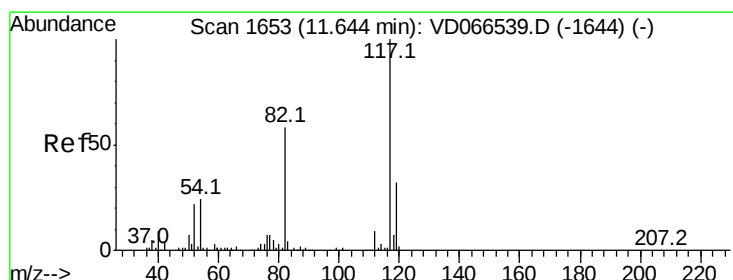
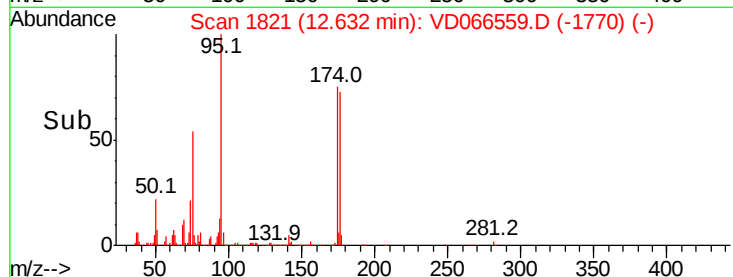
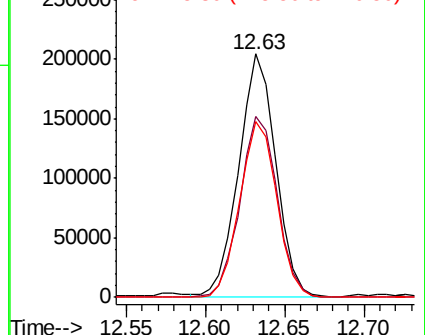
176 73.3 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

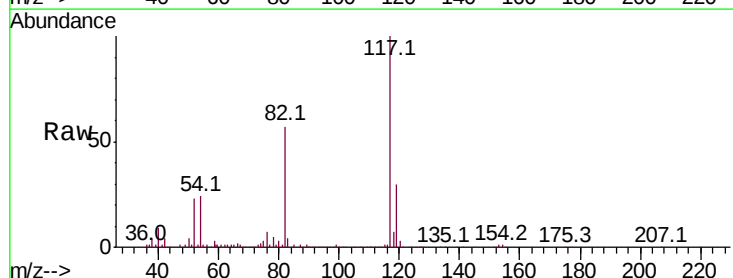
Tgt Ion: 117 Resp: 715339

Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.2

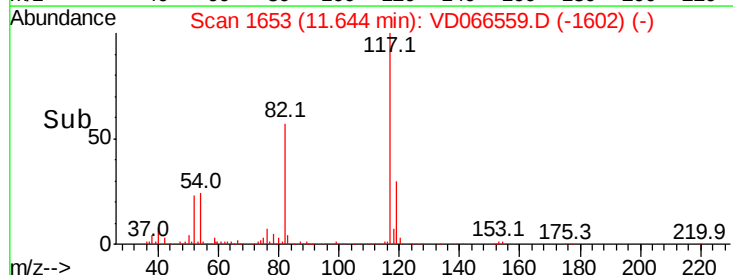
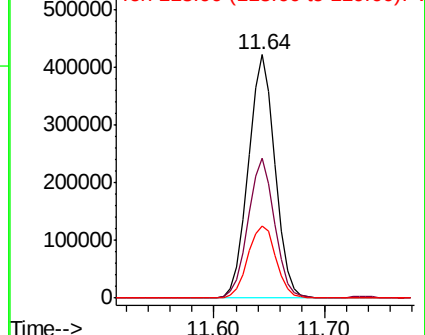
119 29.7 25.8 38.8

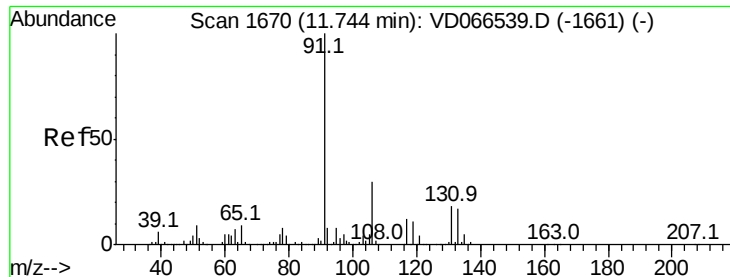


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 43.702 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

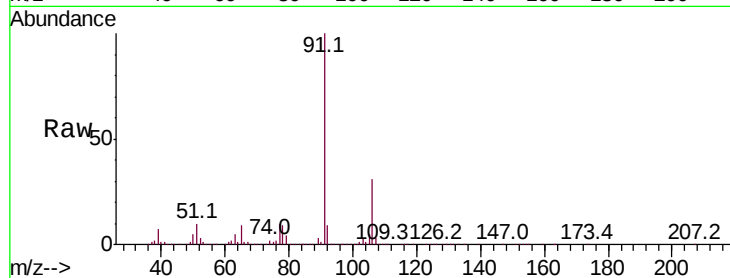
TP-2

Tot Ion: 91 Resp: 1184728

Ion Ratio Lower Upper

91 100

106 30.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

11.74

800000

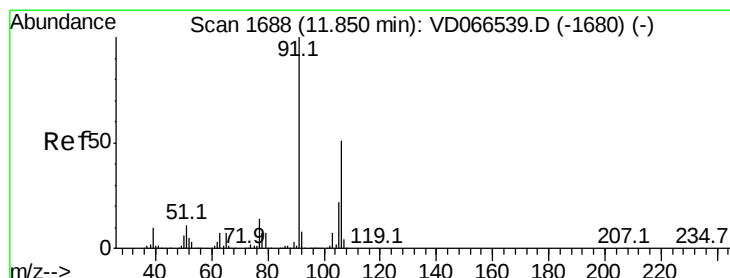
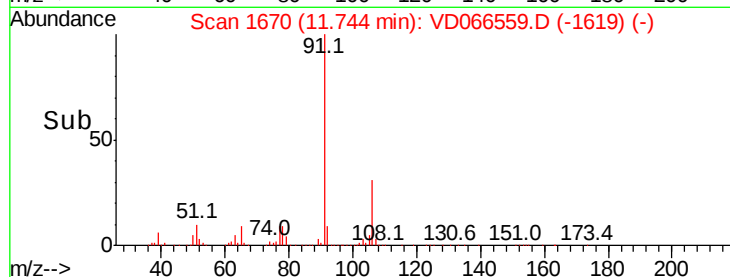
600000

400000

200000

0

Time-->



#68

m/p-Xylenes

Concen: 18.330 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066559.D

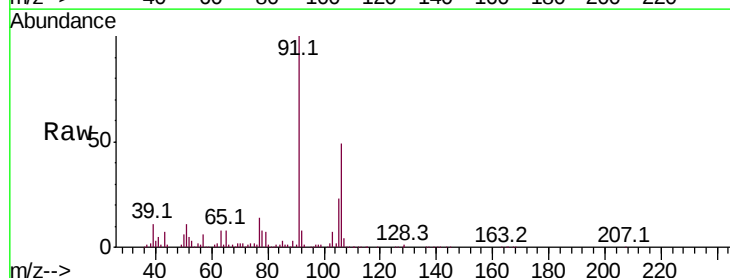
Acq: 04 Sep 2020 13:27

Tgt Ion:106 Resp: 184504

Ion Ratio Lower Upper

106 100

91 207.7 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

11.86

800000

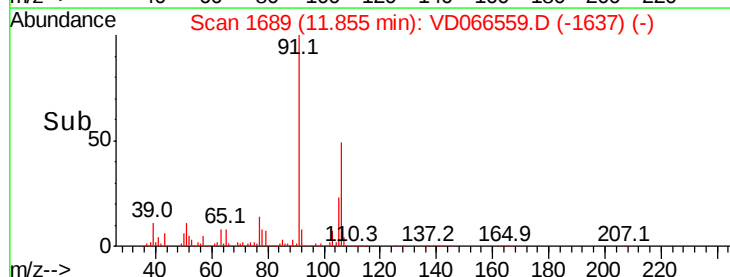
600000

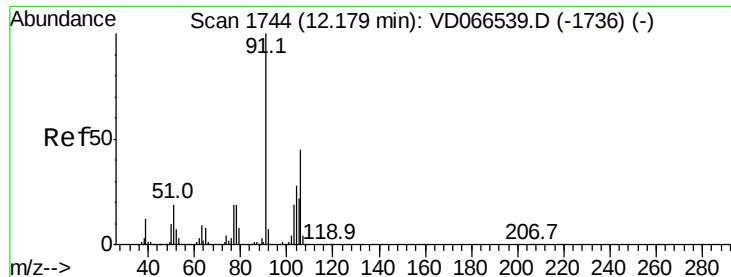
400000

200000

0

Time-->

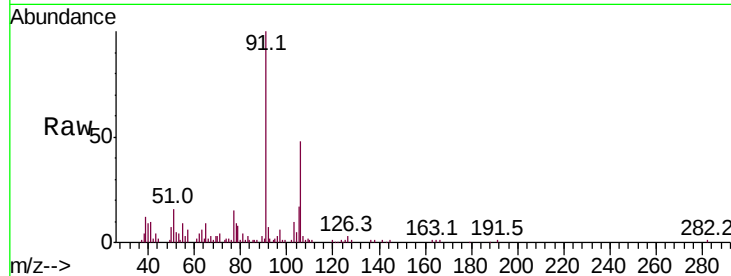




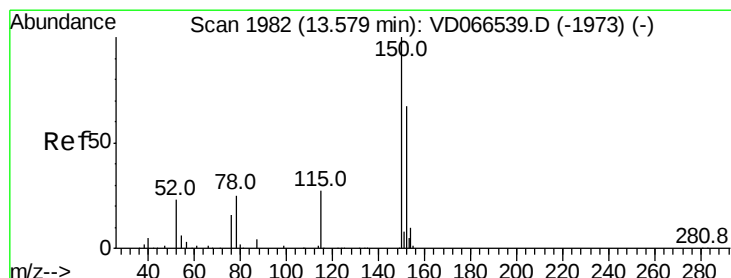
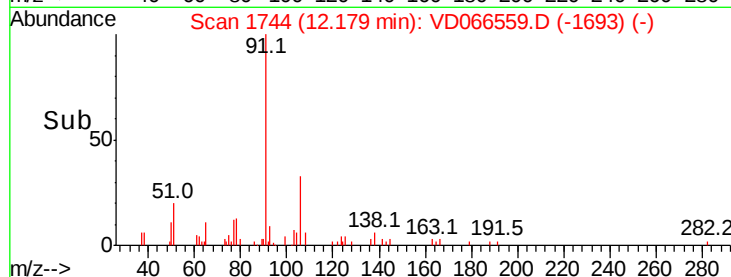
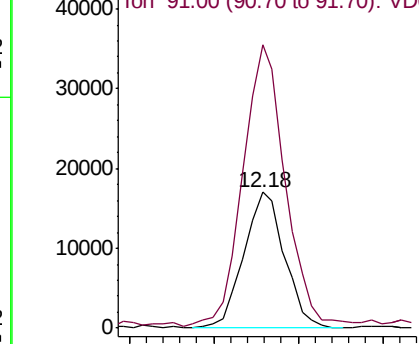
#69
o-Xylene
Concen: 3.176 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:106 Resp: 28654
Ion Ratio Lower Upper
106 100
91 215.2 107.9 323.8

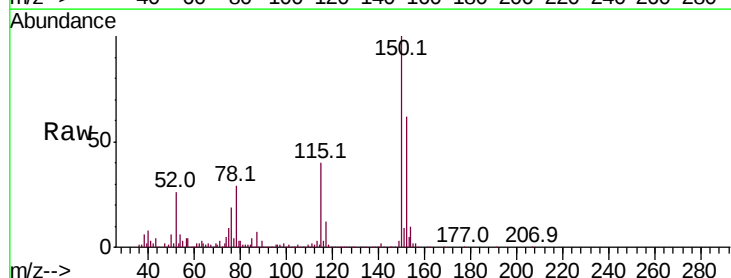


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

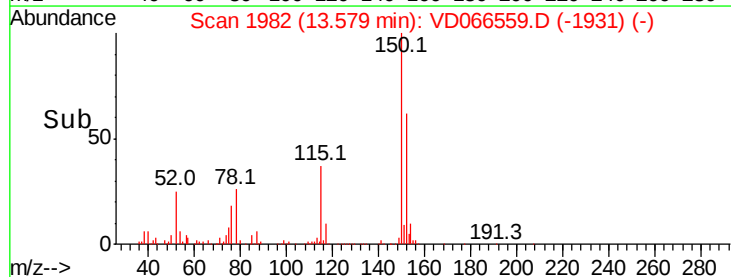
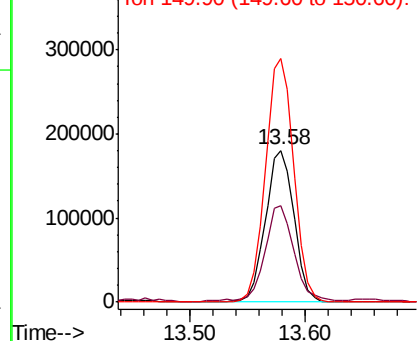


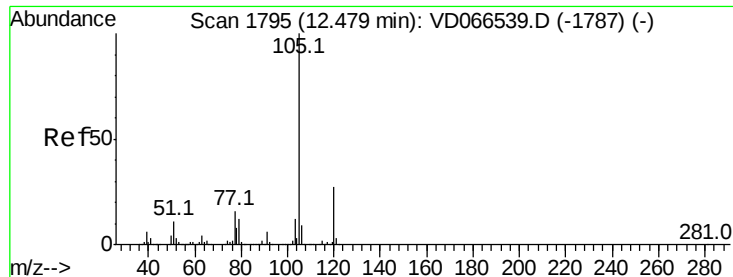
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066559.D
Acq: 04 Sep 2020 13:27

Tgt Ion:152 Resp: 310536
Ion Ratio Lower Upper
152 100
115 64.4 30.4 91.2
150 158.7 0.0 345.8



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: 9.212 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

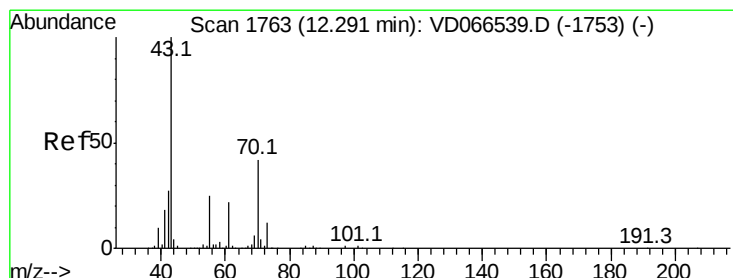
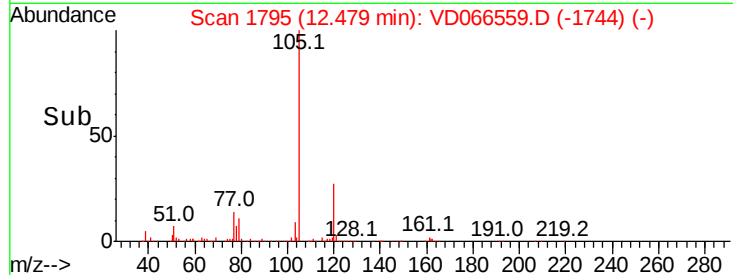
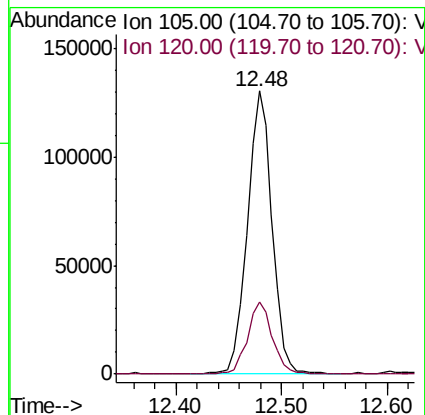
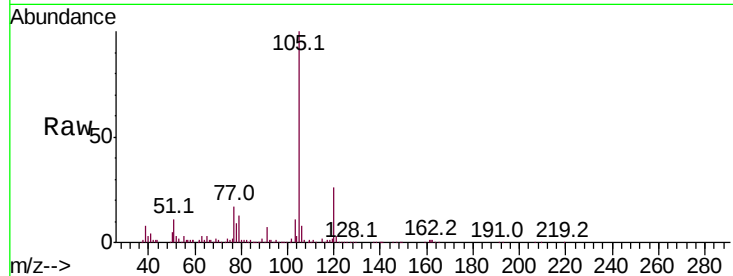
TP-2

Tot Ion:105 Resp: 211794

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



#74

N-ethyl acetate

Concen: 1.999 ug/l

RT: 12.27 min Scan# 1759

Delta R.T. -0.02 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Tgt Ion: 43 Resp: 10408

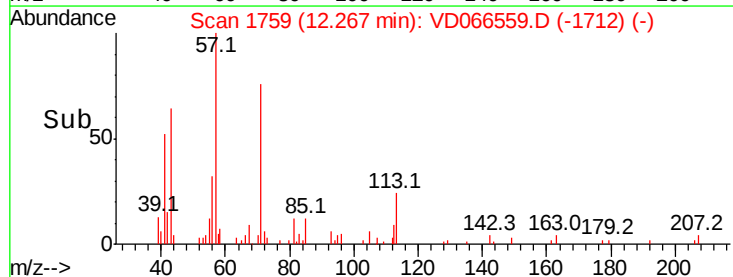
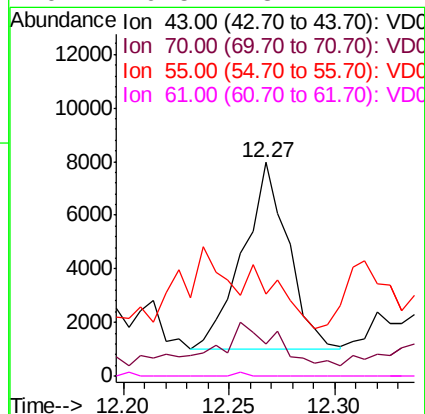
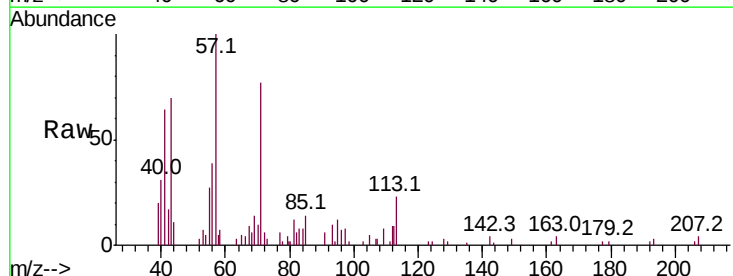
Ion Ratio Lower Upper

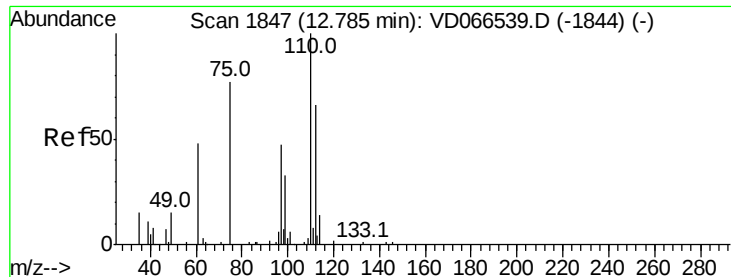
43 100

70 32.6 33.4 50.2#

55 0.0 20.1 30.1#

61 0.5 18.2 27.2#





#76

1,2,3-Trichloropropane

Concen: 62.687 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

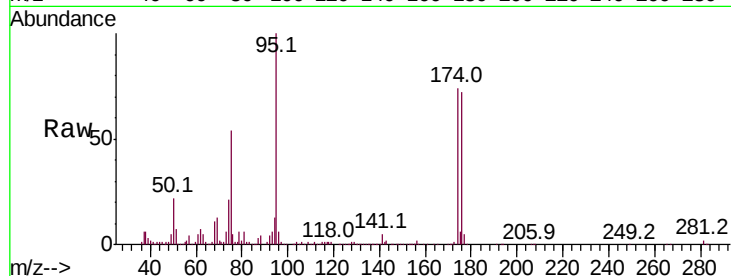
TP-2

Tot Ion: 75 Resp: 187216

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

120000

100000

80000

60000

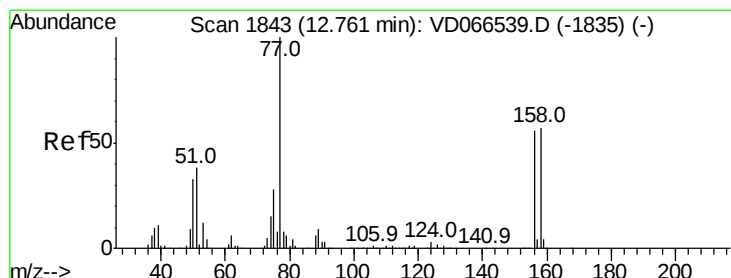
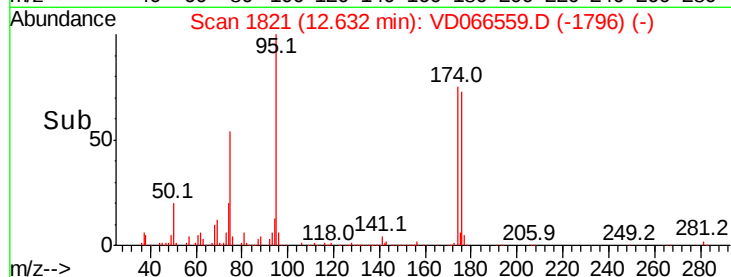
40000

20000

0

12.60 12.70

Time-->



#77

Bromobenzene

Concen: 3.433 ug/l

RT: 12.58 min Scan# 1812

Delta R.T. -0.18 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

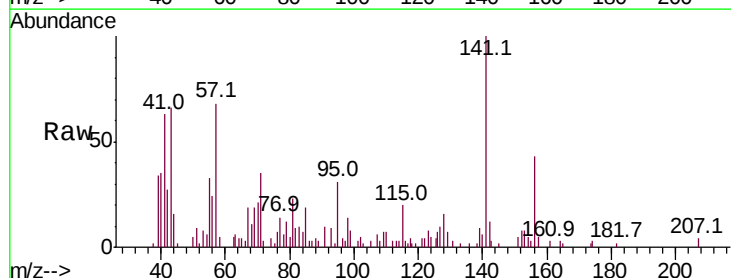
Tgt Ion: 156 Resp: 17595

Ion Ratio Lower Upper

156 100

77 7.0 98.0 294.1#

158 0.3 48.1 144.3#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V

30000

25000

20000

15000

10000

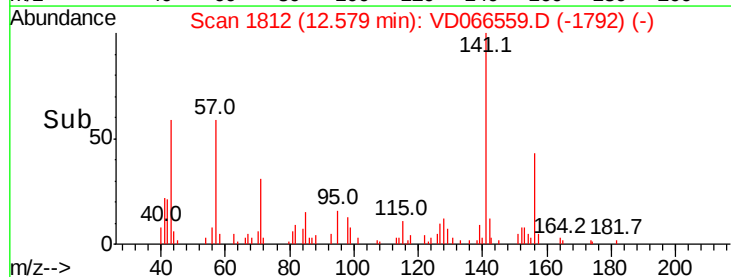
5000

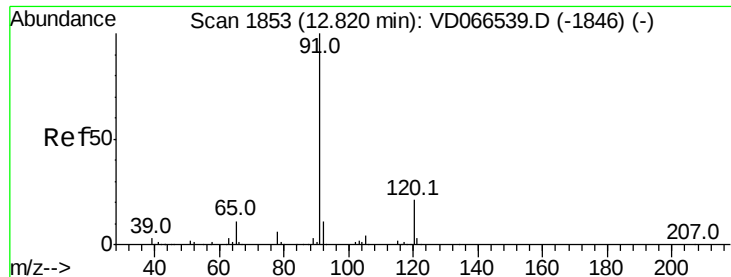
0

12.58

12.50 12.60

Time-->





#78

n-propylbenzene

Concen: 3.273 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

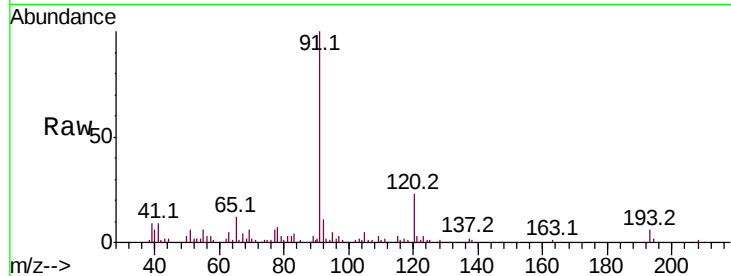
TP-2

Tot Ion: 91 Resp: 91212

Ion Ratio Lower Upper

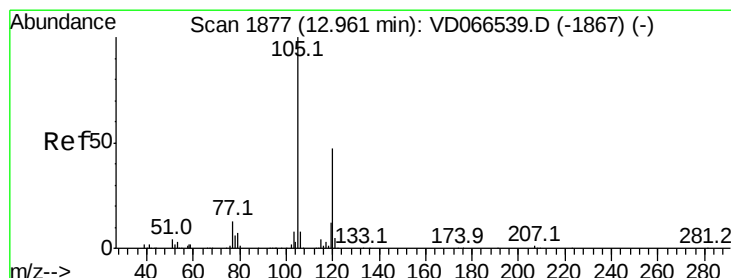
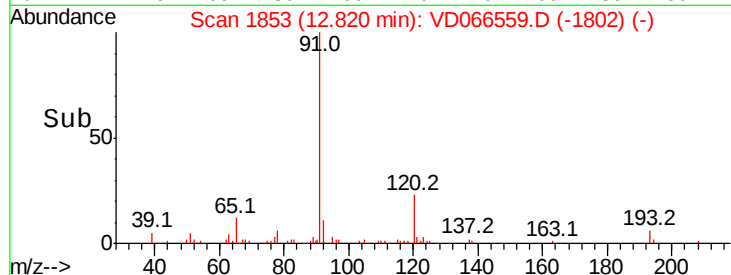
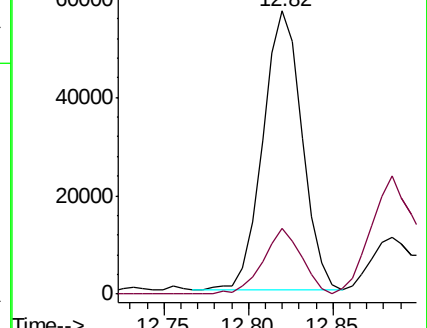
91 100

120 23.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 6.833 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066559.D

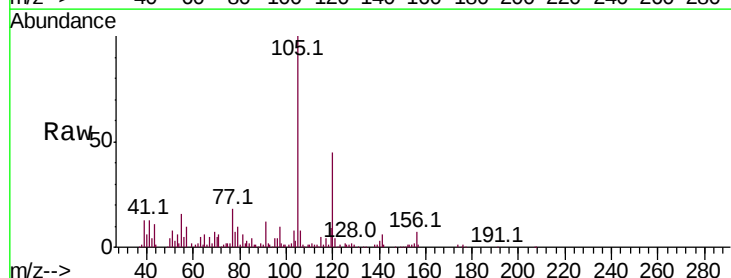
Acq: 04 Sep 2020 13:27

Tgt Ion: 105 Resp: 132235

Ion Ratio Lower Upper

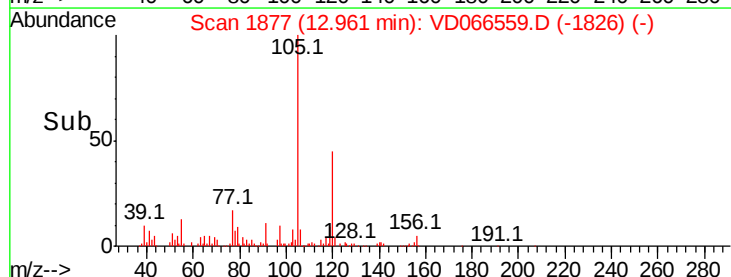
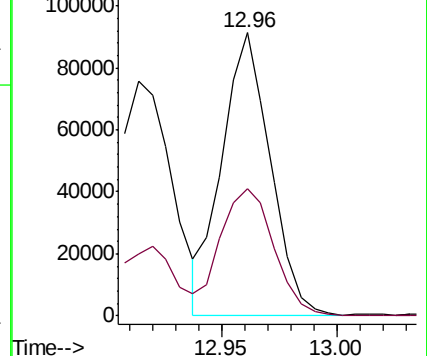
105 100

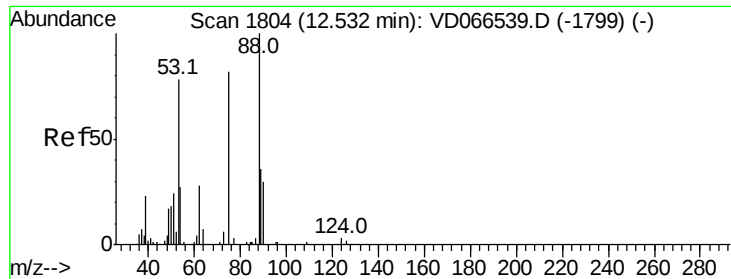
120 50.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 146.352 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampled :

TP-2

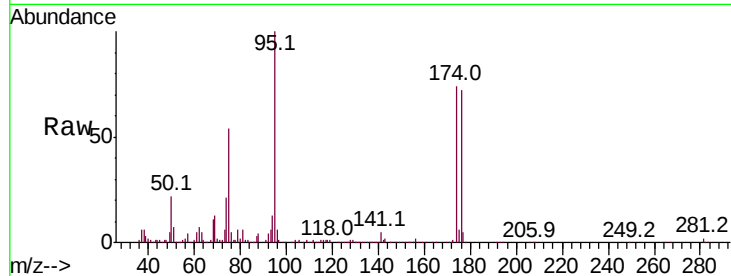
Tot Ion: 75 Resp: 187216

Ion Ratio Lower Upper

75 100

53 0.8 87.0 130.4#

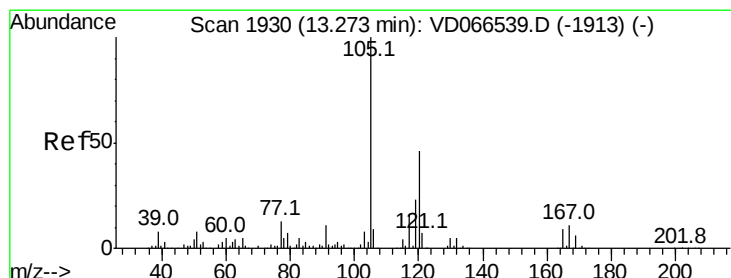
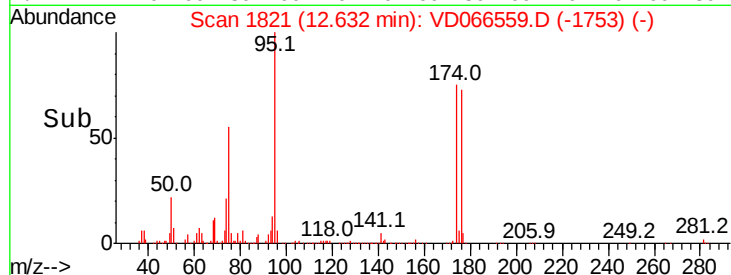
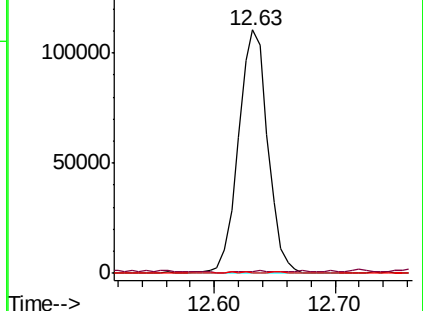
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#84

1,2,4-Trimethylbenzene

Concen: 19.603 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066559.D

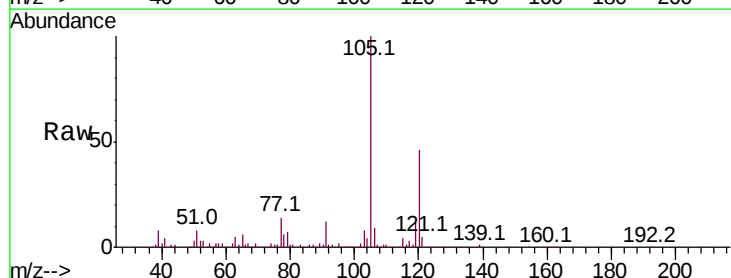
Acq: 04 Sep 2020 13:27

Tgt Ion:105 Resp: 377691

Ion Ratio Lower Upper

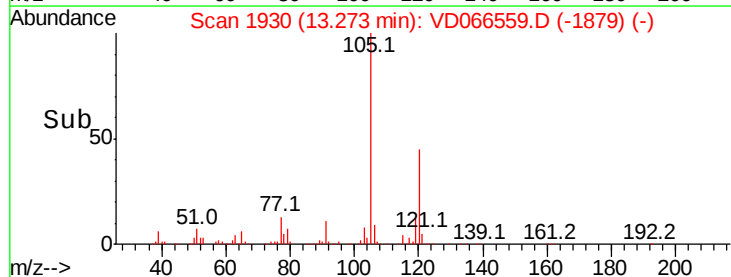
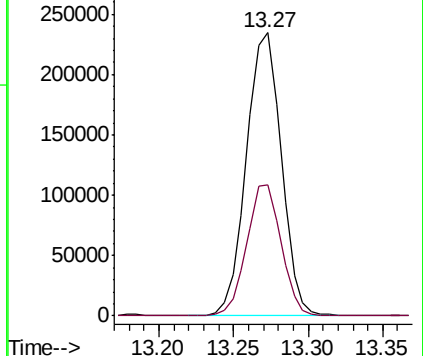
105 100

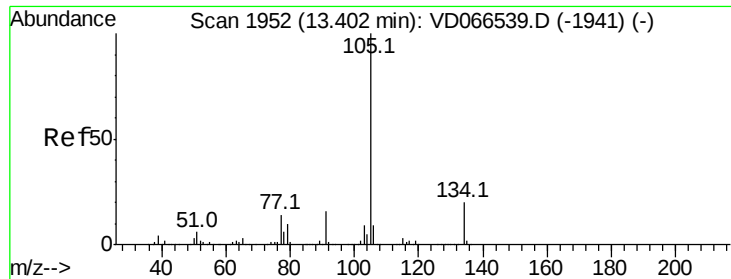
120 46.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

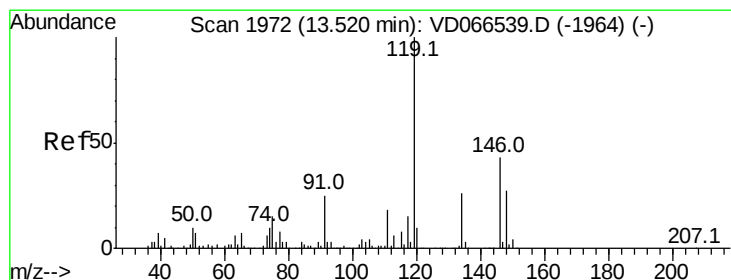
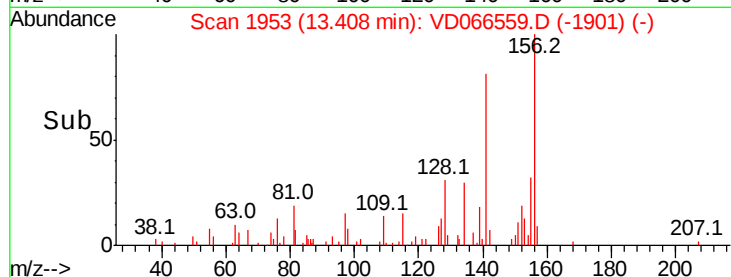
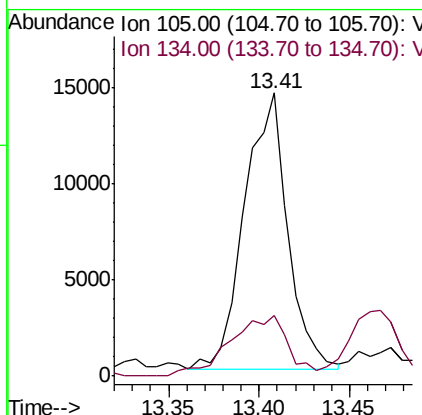
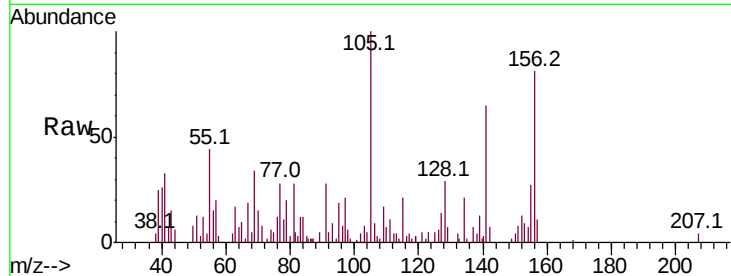




#85
 sec-Butylbenzene
 Concen: 1.043 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: VD066559.D
 Acq: 04 Sep 2020 13:27

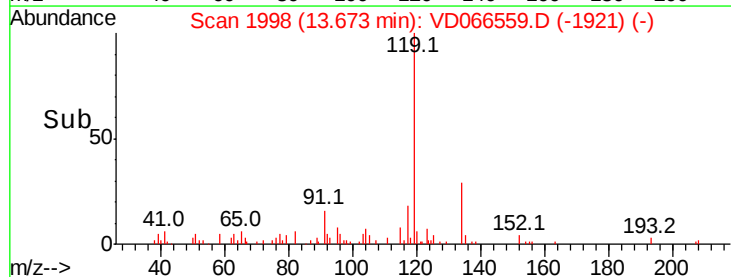
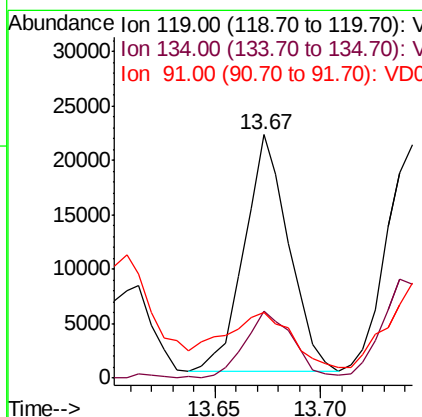
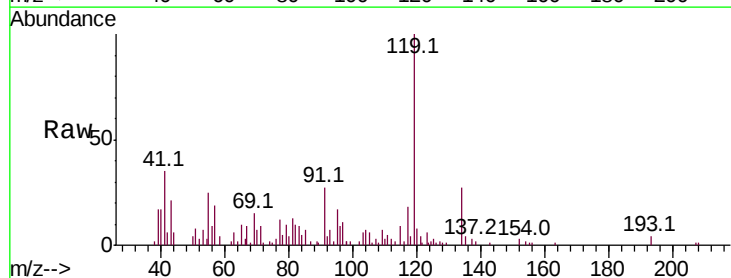
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

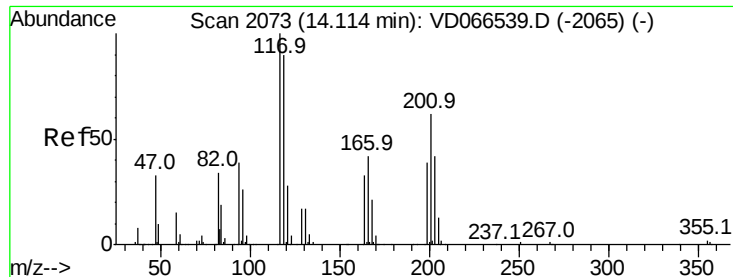
Tot Ion:105 Resp: 23746
 Ion Ratio Lower Upper
 105 100
 134 29.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 1.557 ug/l
 RT: 13.67 min Scan# 1998
 Delta R.T. 0.15 min
 Lab File: VD066559.D
 Acq: 04 Sep 2020 13:27

Tgt Ion:119 Resp: 31911
 Ion Ratio Lower Upper
 119 100
 134 30.6 12.7 38.0
 91 35.1 12.5 37.5





#90

Hexachloroethane

Concen: 5.548 ug/l

RT: 14.18 min Scan# 2085

Delta R.T. 0.07 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

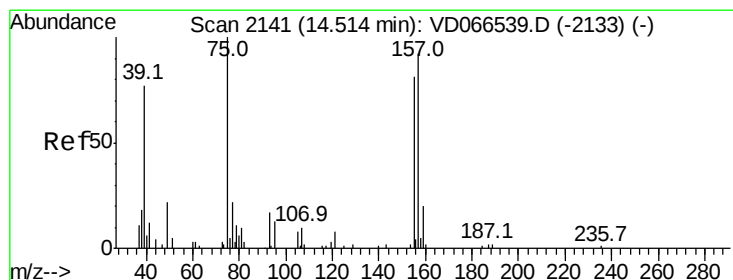
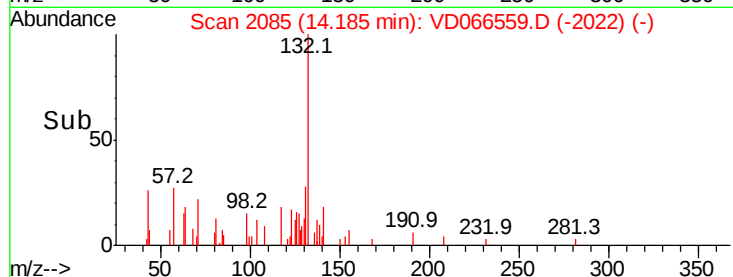
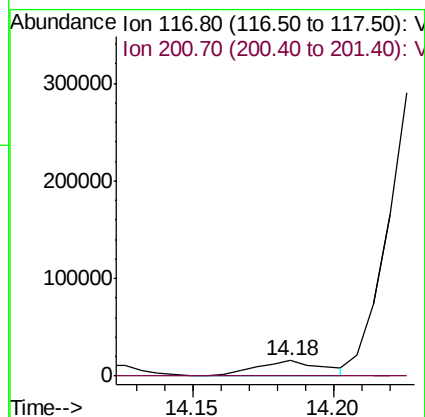
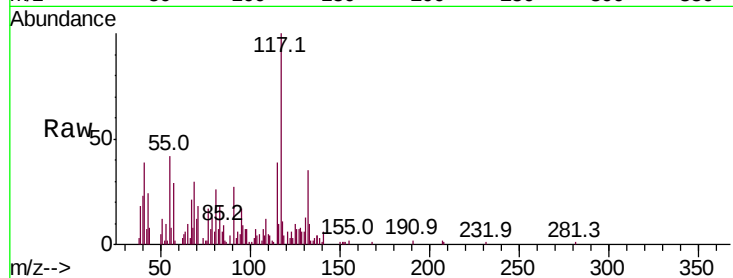
TP-2

Tot Ion:117 Resp: 24498

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.316 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

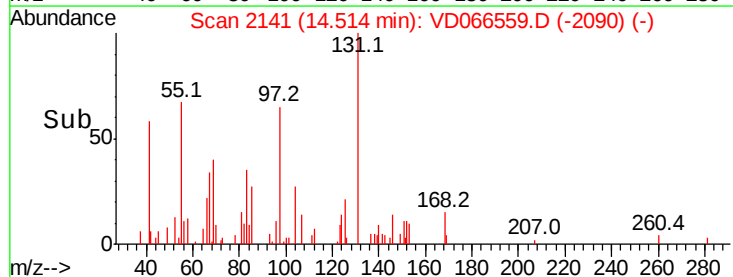
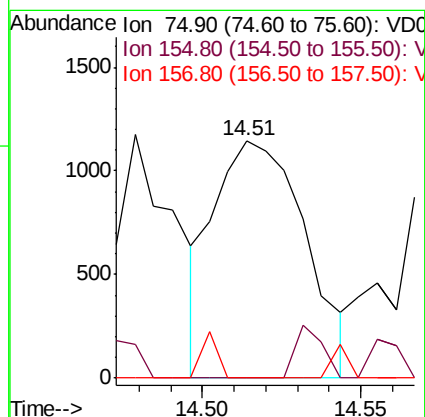
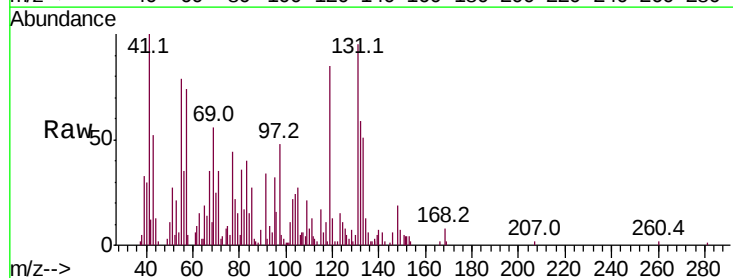
Tgt Ion: 75 Resp: 2288

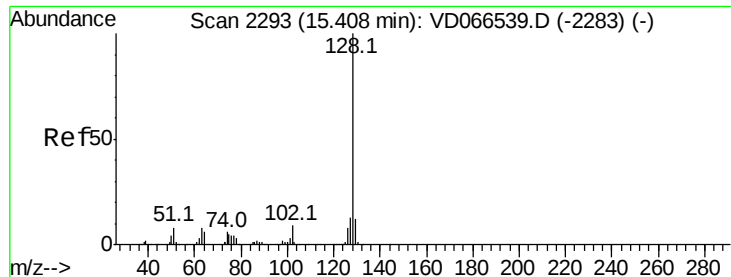
Ion Ratio Lower Upper

75 100

155 0.0 39.3 117.8#

157 3.5 46.0 137.8#





#95

Naphthalene

Concen: 379.976 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066559.D

Acq: 04 Sep 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

TP-2

Tot Ion:128 Resp: 3544434

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 9.1 13.7

