

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066565.D
 Acq On : 04 Sep 2020 16:12
 Operator : VA/SY
 Sample : L3876-09
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96

Quant Time: Sep 05 03:48:09 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	289547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	545074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	256387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	230630	65.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.66%	
35) Dibromofluoromethane	7.91	113	204154	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	10.34	98	469616	35.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.46%	
62) 4-Bromofluorobenzene	12.63	95	59730	13.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	482	Below Cal	#	46
5) Bromomethane	2.76	94	1172	Below Cal	#	75
10) Methyl Iodide	4.40	142	64	4.043	ug/l #	35
11) Tert butyl alcohol	5.22	59	1538950	8526.945	ug/l	96
15) Acrylonitrile	5.22	53	15720	24.222	ug/l #	21
16) Acetone	4.16	43	23766	36.870	ug/l	89
17) Carbon Disulfide	4.41	76	16058	1.674	ug/l	97
20) Methylene Chloride	4.97	84	33468	3.353	ug/l	93
29) Tetrahydrofuran	7.48	42	8218778	15251.227	ug/l #	35
30) Chloroform	7.49	83	93268	14.259	ug/l #	16
31) Cyclohexane	7.96	56	21448	3.753	ug/l #	63
36) 1,1-Dichloropropene	7.98	75	28211	4.973	ug/l #	51
38) Carbon Tetrachloride	7.98	117	31682	5.284	ug/l #	19
39) Methylcyclohexane	9.36	83	11214	1.770	ug/l #	89
40) Benzene	8.35	78	93148	5.996	ug/l	100
41) Methacrylonitrile	7.47	41	28377071	25953.249	ug/l #	45
43) Isopropyl Acetate	8.44	43	10111	2.336	ug/l #	52
48) Methyl methacrylate	9.34	41	9400	4.294	ug/l #	62
51) 4-Methyl-2-Pentanone	10.23	43	7172	3.285	ug/l	100
52) Toluene	10.40	92	131854	13.408	ug/l	99
59) 2-Hexanone	11.02	43	2931	1.996	ug/l	69
67) Ethyl Benzene	11.74	91	73626	7.577	ug/l	98
68) m/p-Xylenes	11.86	106	19060	5.283	ug/l	100
69) o-Xylene	12.18	106	6134	1.897	ug/l	95
73) Isopropylbenzene	12.48	105	13065	8.039	ug/l	96
74) N-amyl acetate	12.26	43	11250	30.561	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.75	83	1955	6.809	ug/l #	31
76) 1,2,3-Trichloropropane	12.73	75	4708	22.300	ug/l #	100
77) Bromobenzene	12.60	156	3238	8.936	ug/l #	1
78) n-propylbenzene	12.82	91	8587	4.358	ug/l	90
79) 2-Chlorotoluene	12.91	91	4581	4.144	ug/l #	49
80) 1,3,5-Trimethylbenzene	12.96	105	14193	10.375	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.63	75	34961	386.613	ug/l #	8
83) tert-Butylbenzene	13.46	119	3481	3.116	ug/l	73

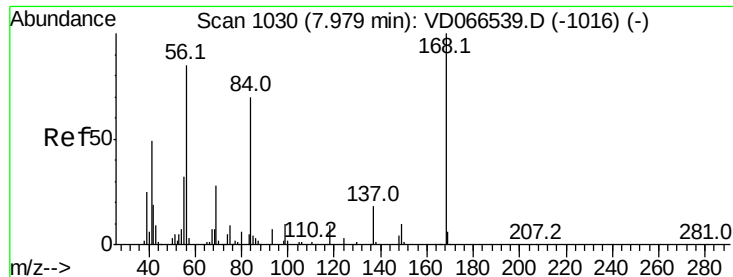
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.27	105	37257	27.355	ug/l	99
85) sec-Butylbenzene	13.40	105	7682	4.773	ug/l #	67
86) p-Isopropyltoluene	13.52	119	10953	7.561	ug/l	93
89) n-Butylbenzene	13.85	91	2038	1.444	ug/l #	7
90) Hexachloroethane	14.13	117	2764	8.855	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.51	75	255	5.228	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.18	180	634	1.680	ug/l #	1
95) Naphthalene	15.41	128	113229	171.714	ug/l	97
96) 1,2,3-Trichlorobenzene	15.61	180	3441	10.696	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

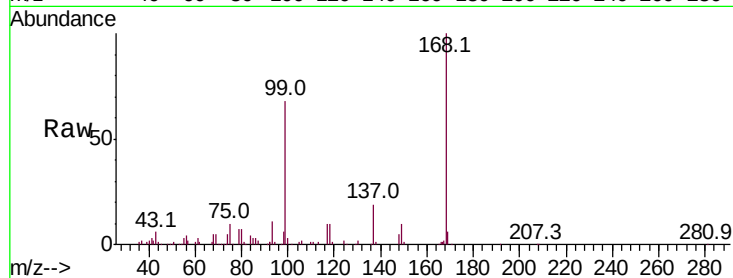
1495-96

Tot Ion:168 Resp: 289547

Ion Ratio Lower Upper

168 100

99 68.2 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

150000

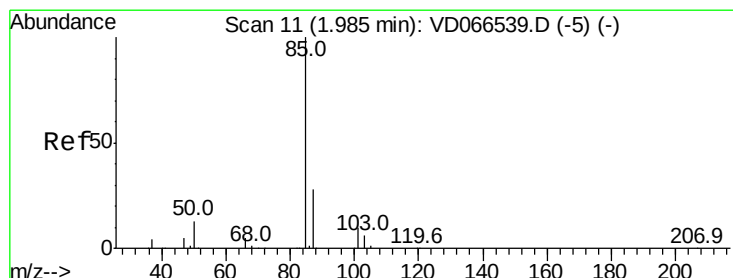
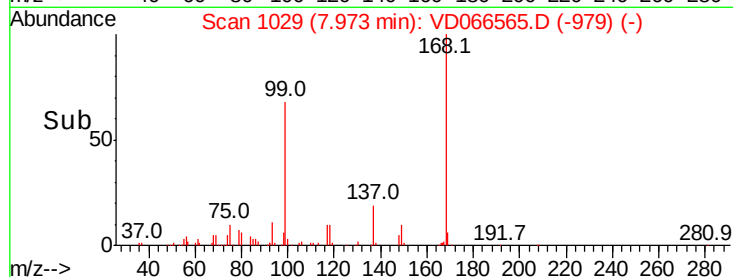
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066565.D

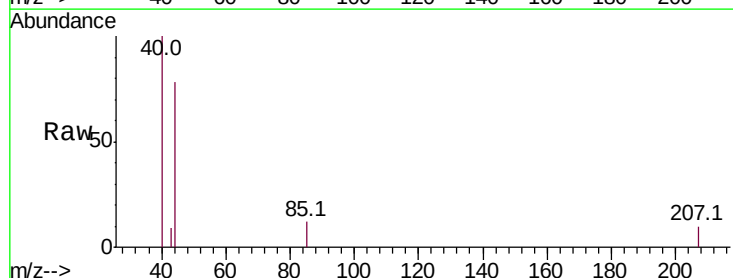
Acq: 04 Sep 2020 16:12

Tgt Ion: 85 Resp: 482

Ion Ratio Lower Upper

85 100

87 0.0 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

500

400

300

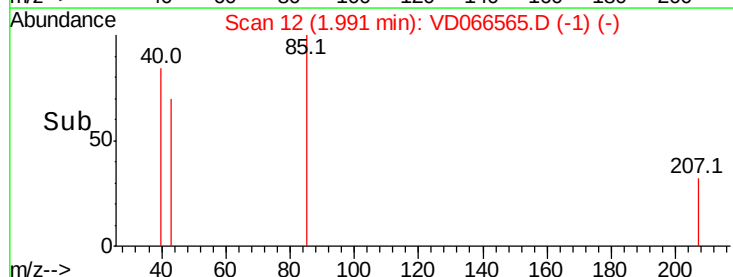
200

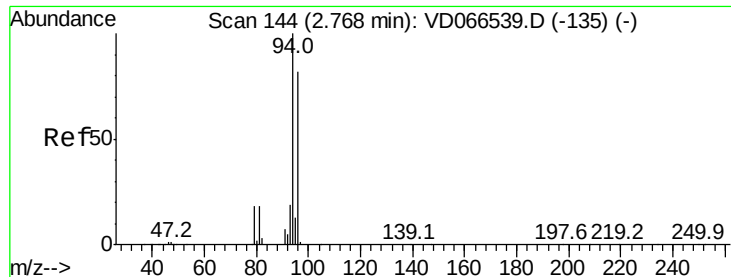
100

0

Time-->

1.96 1.98 2.00 2.02





#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

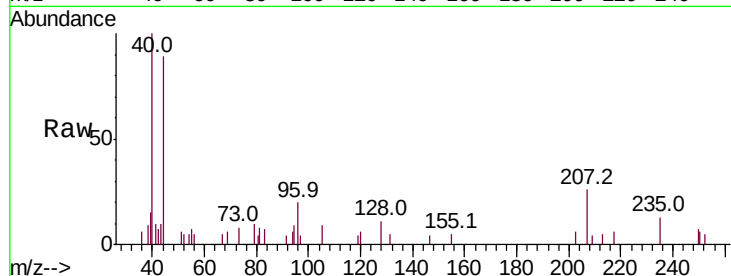
1495-96

Tot Ion: 94 Resp: 1172

Ion Ratio Lower Upper

94 100

96 103.4 65.2 97.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

800

600

400

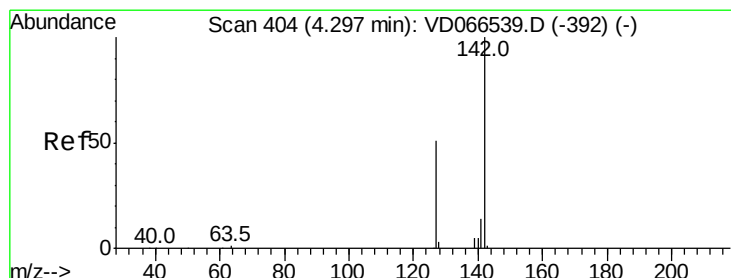
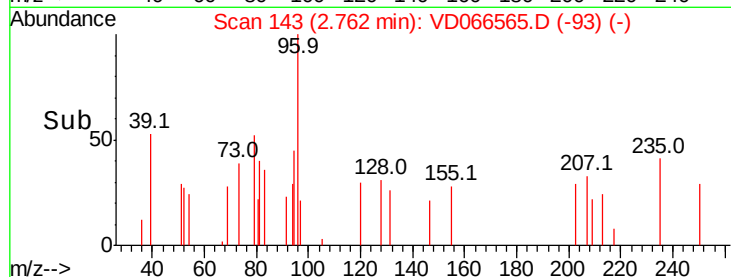
200

0

2.70 2.75 2.80

Time-->

2.76



#10

Methyl Iodide

Concen: 4.043 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.10 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

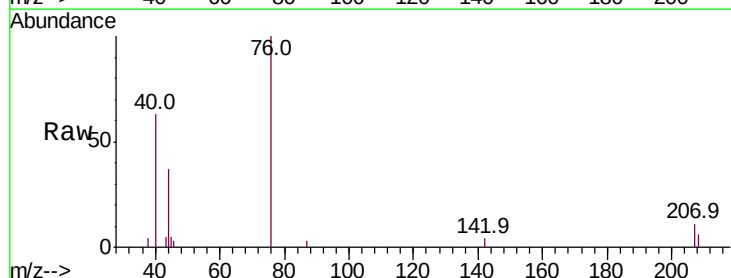
Tgt Ion: 142 Resp: 64

Ion Ratio Lower Upper

142 100

127 0.0 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

250

200

150

100

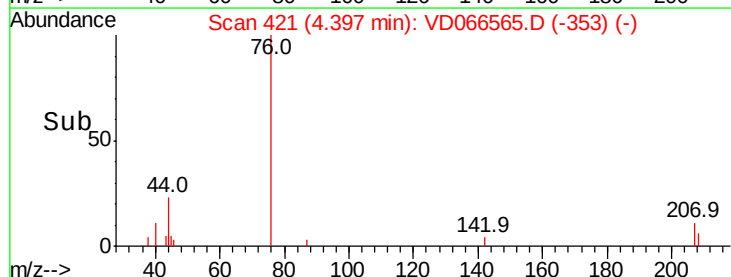
50

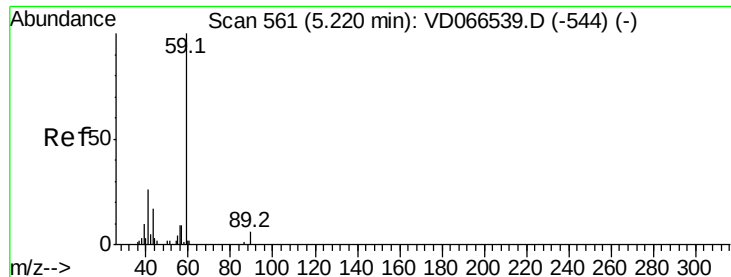
0

4.38 4.39 4.40 4.41

Time-->

4.40

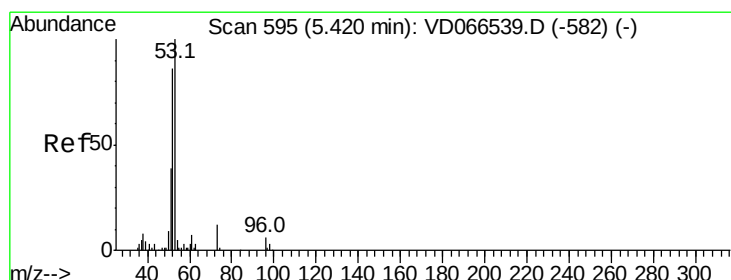
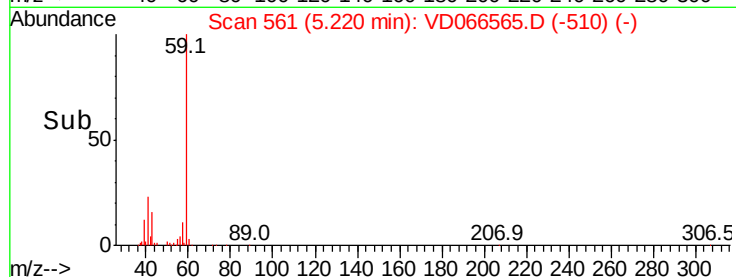
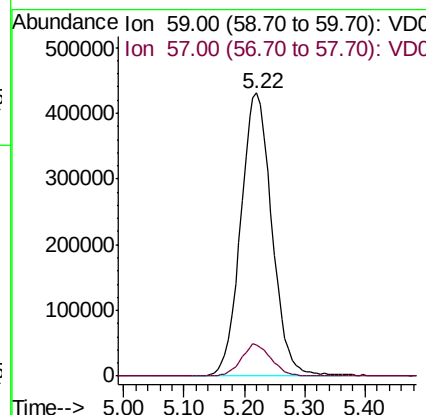
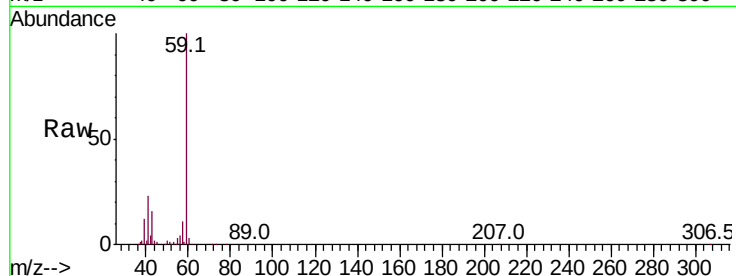




#11
Tert butyl alcohol
Concen: 8526.945 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

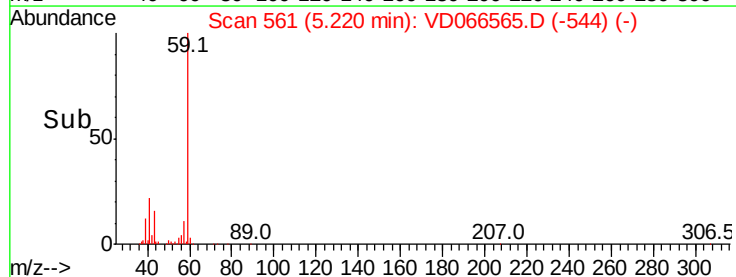
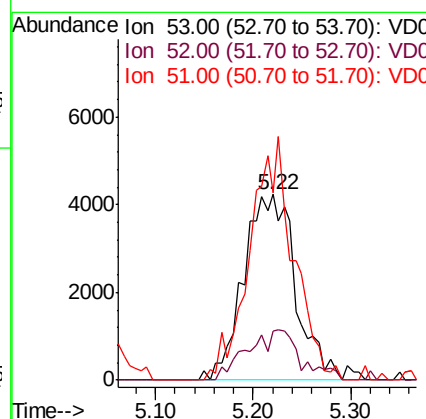
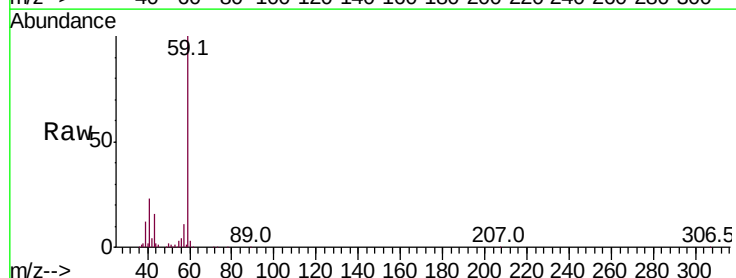
Instrument :
MSVOA_D
ClientSampleId :
1495-96

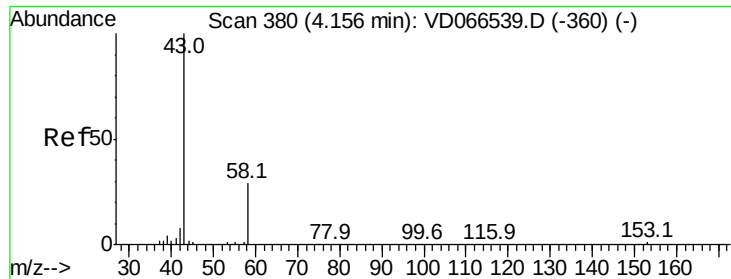
Tot Ion: 59 Resp: 1538950
Ion Ratio Lower Upper
59 100
57 10.8 7.6 11.4



#15
Acrylonitrile
Concen: 24.222 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.20 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 53 Resp: 15720
Ion Ratio Lower Upper
53 100
52 27.8 65.4 98.2#
51 110.3 31.2 46.8#





#16

Acetone

Concen: 36.870 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

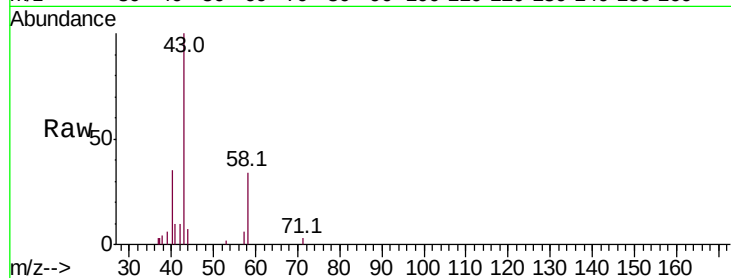
1495-96

Tot Ion: 43 Resp: 23766

Ion Ratio Lower Upper

43 100

58 34.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

8000

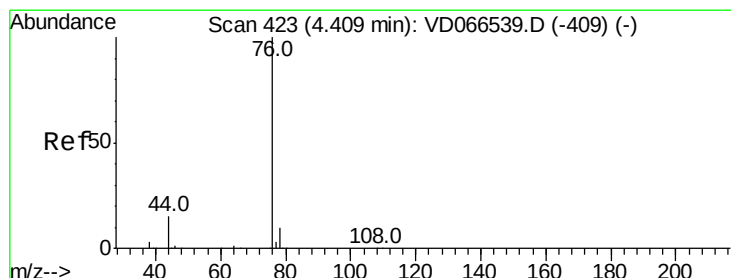
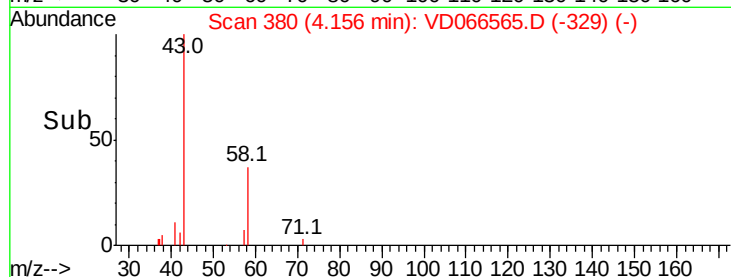
6000

4000

2000

0

Time--> 4.05 4.10 4.15 4.20 4.25



#17

Carbon Disulfide

Concen: 1.674 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066565.D

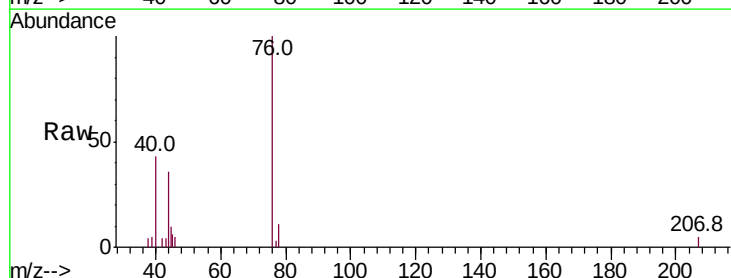
Acq: 04 Sep 2020 16:12

Tgt Ion: 76 Resp: 16058

Ion Ratio Lower Upper

76 100

78 10.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

6000

5000

4000

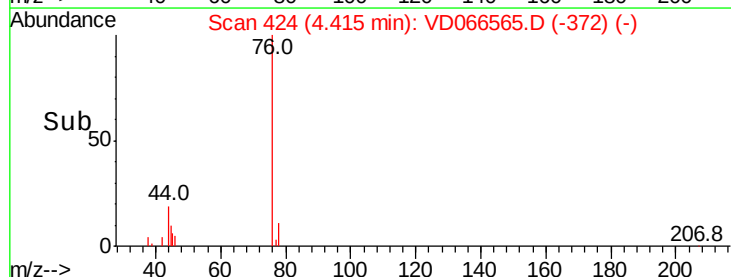
3000

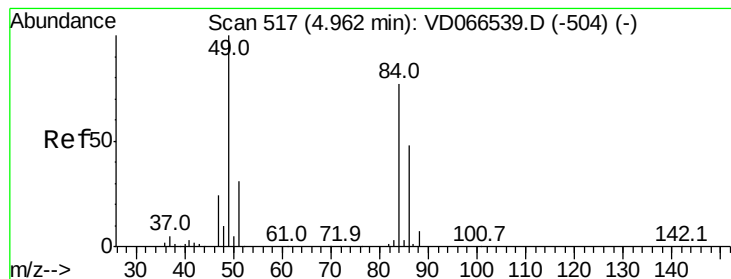
2000

1000

0

Time--> 4.30 4.40 4.50





#20

Methylene Chloride

Concen: 3.353 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

1495-96

Tot Ion: 84 Resp: 33468

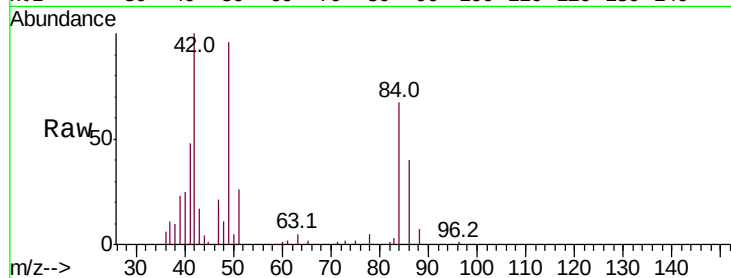
Ion Ratio Lower Upper

84 100

49 143.7 104.3 156.5

51 39.7 32.2 48.4

86 60.3 50.0 75.0

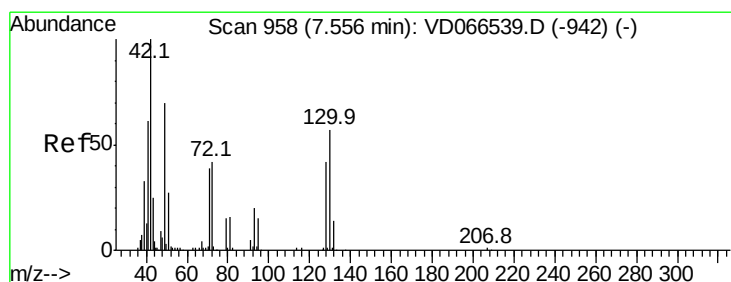
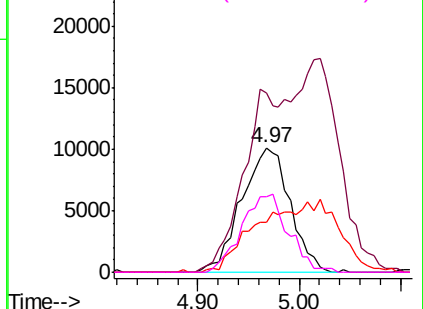
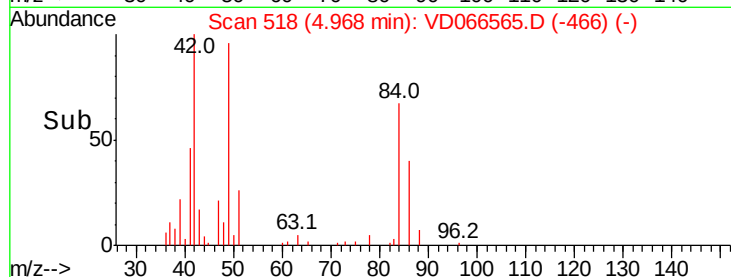


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#29

Tetrahydrofuran

Concen: 15251.227 ug/l

RT: 7.48 min Scan# 945

Delta R.T. -0.08 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

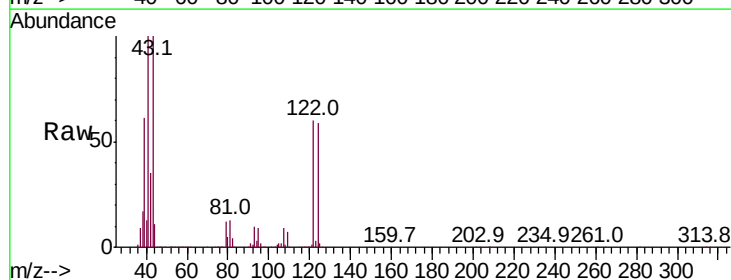
Tgt Ion: 42 Resp: 8218778

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

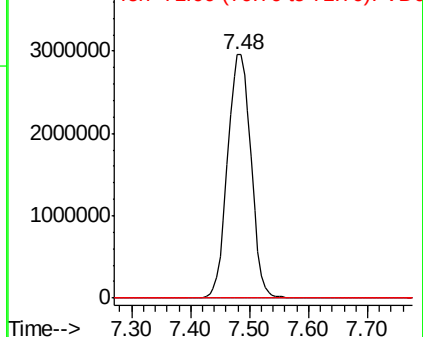
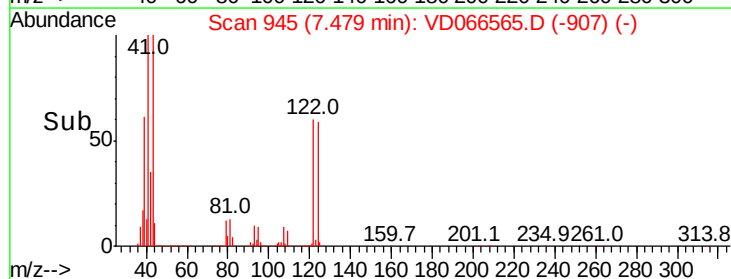
71 0.0 31.9 47.9#

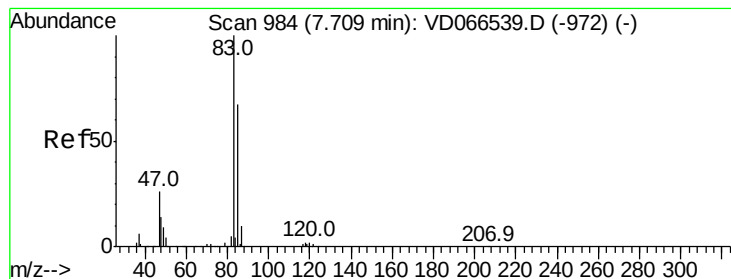


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#30

Chloroform

Concen: 14.259 ug/l

RT: 7.49 min Scan# 946

Delta R.T. -0.22 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

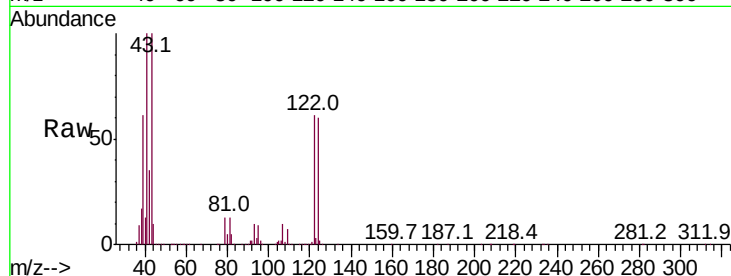
1495-96

Tot Ion: 83 Resp: 93268

Ion Ratio Lower Upper

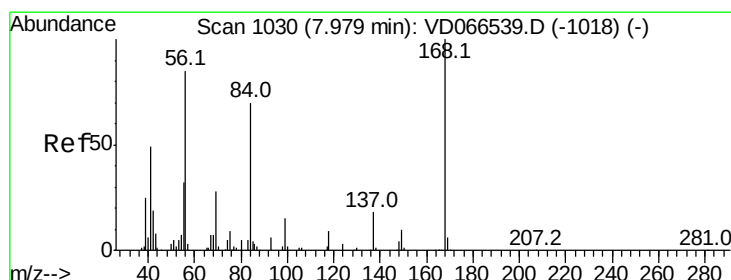
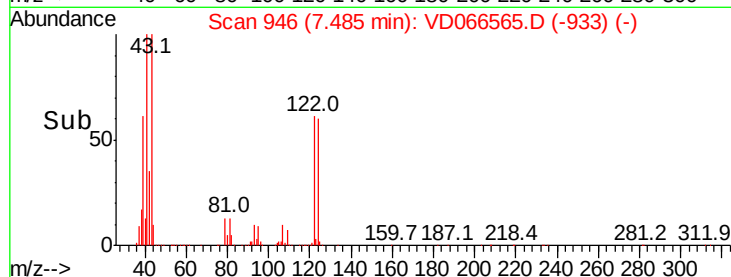
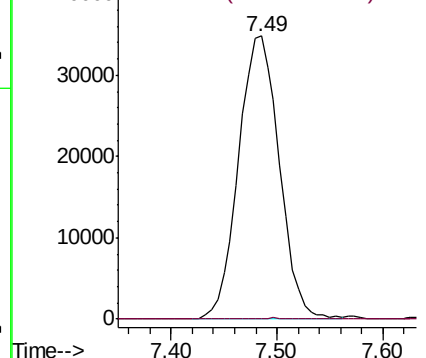
83 100

85 0.0 53.6 80.4#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC



#31

Cyclohexane

Concen: 3.753 ug/l

RT: 7.96 min Scan# 1026

Delta R.T. -0.02 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

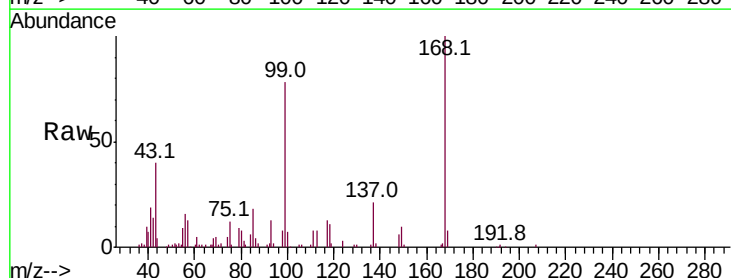
Tgt Ion: 56 Resp: 21448

Ion Ratio Lower Upper

56 100

69 32.2 26.3 39.5

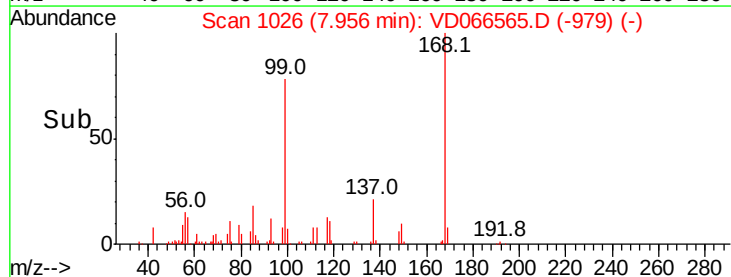
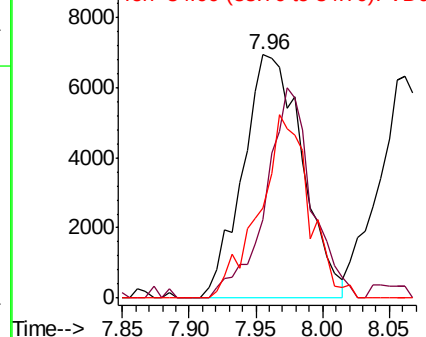
84 36.8 66.1 99.1#

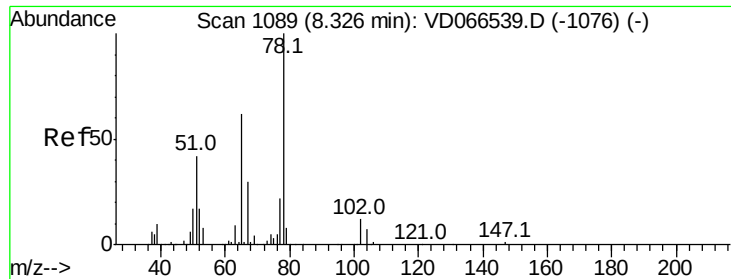


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

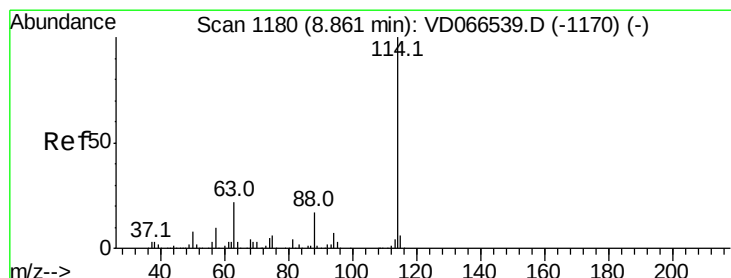
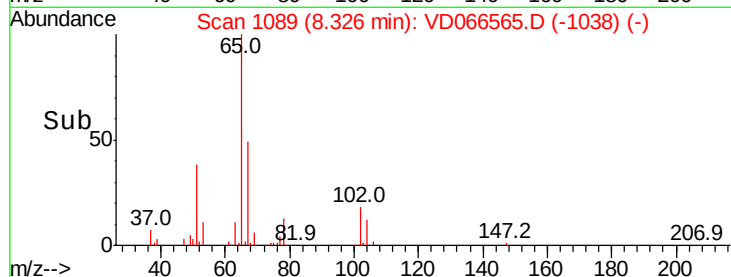
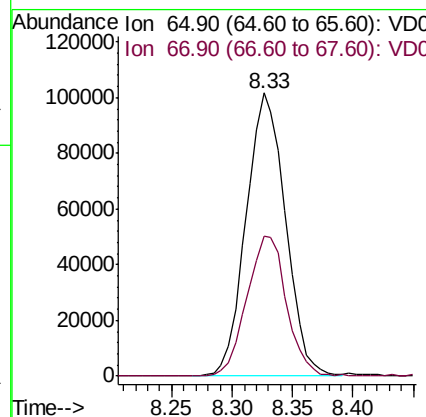
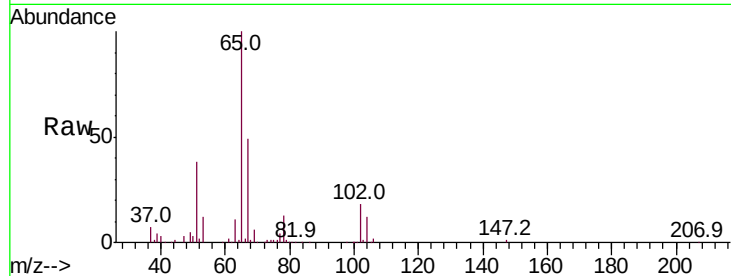




#33
 1,2-Dichloroethane-d4
 Concen: 65.833 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

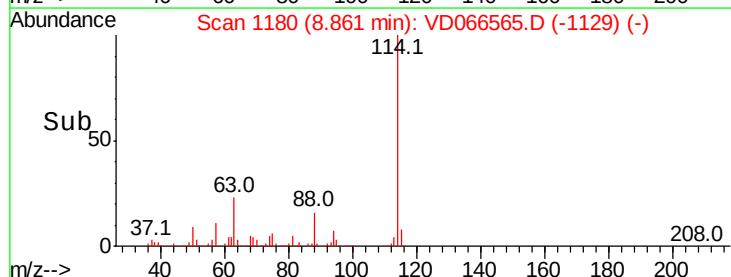
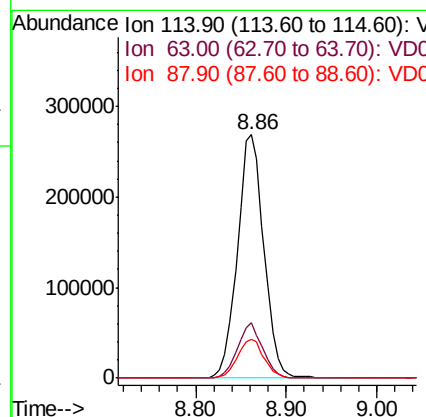
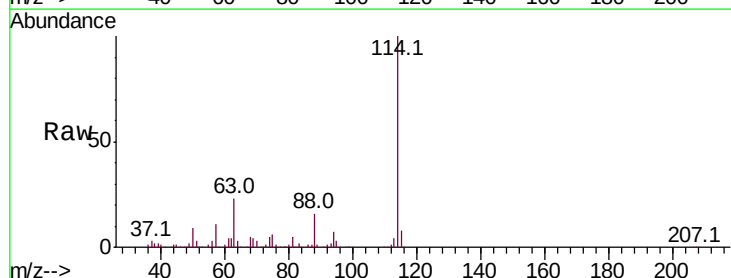
Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96

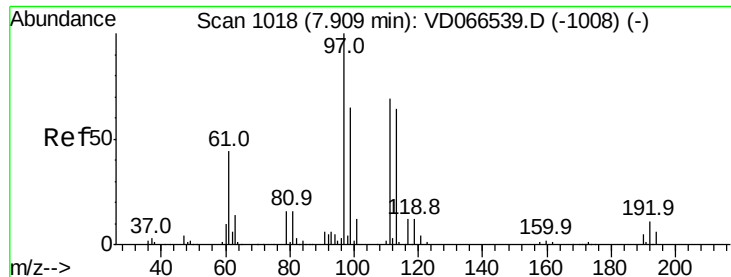
Tot Ion: 65 Resp: 230630
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

Tgt Ion: 114 Resp: 545074
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.2
 88 15.7 0.0 33.2

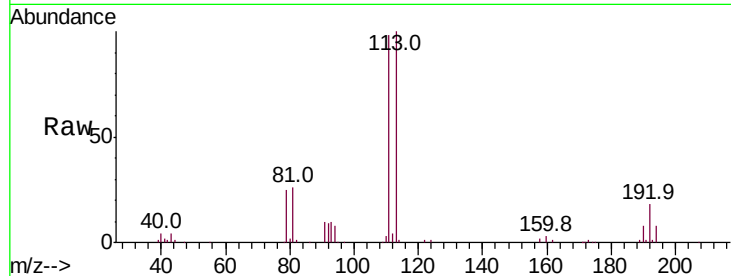




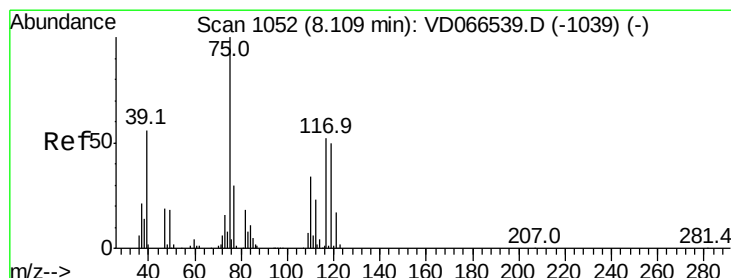
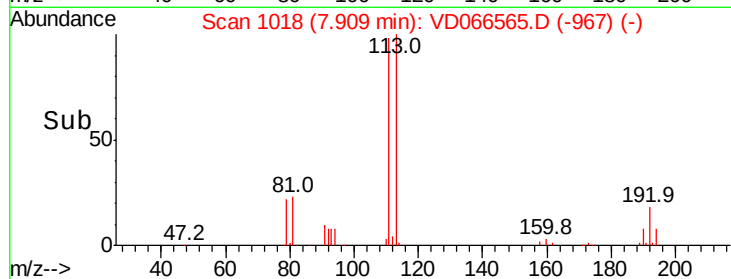
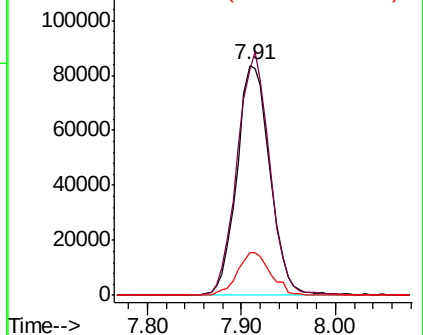
#35
 Dibromofluoromethane
 Concen: 55.520 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	18.6	13.7	20.5

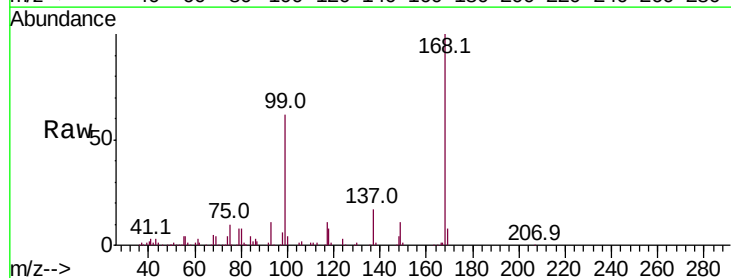


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

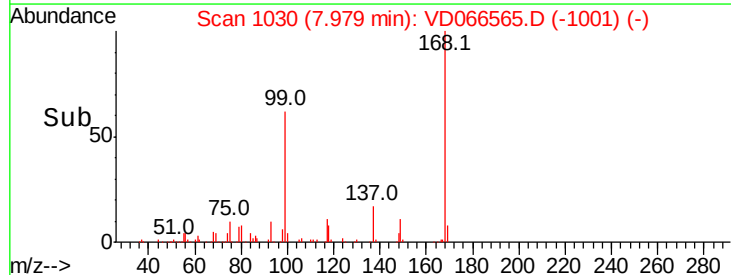
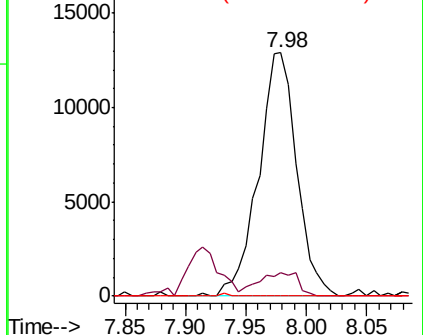


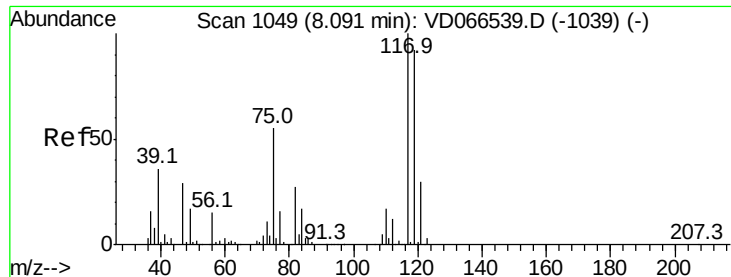
#36
 1,1-Dichloropropene
 Concen: 4.973 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.3	52.0#
77	0.0	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.284 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

1495-96

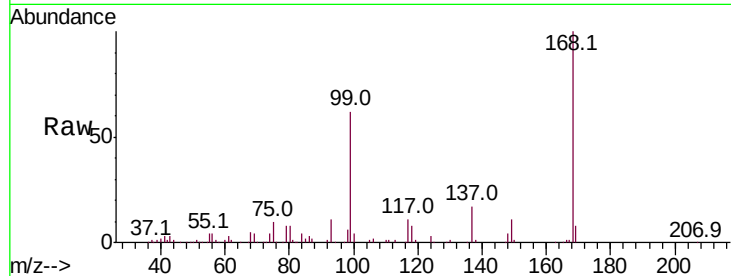
Tot Ion:117 Resp: 31682

Ion Ratio Lower Upper

117 100

119 7.1 73.9 110.9#

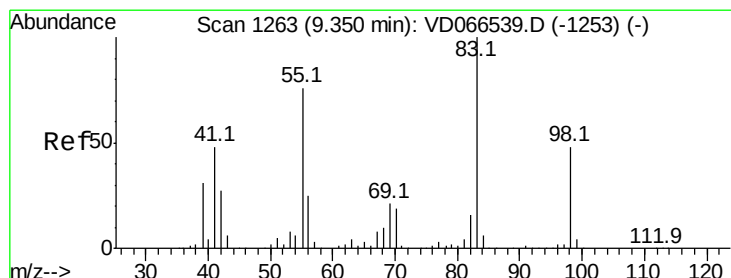
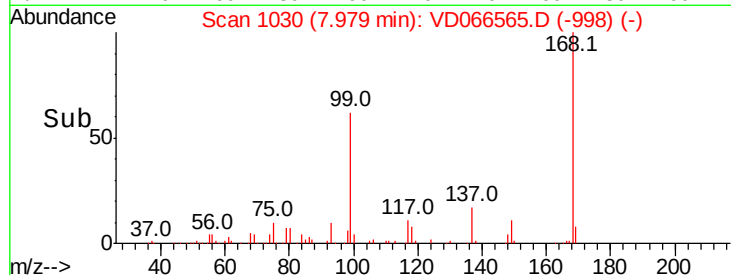
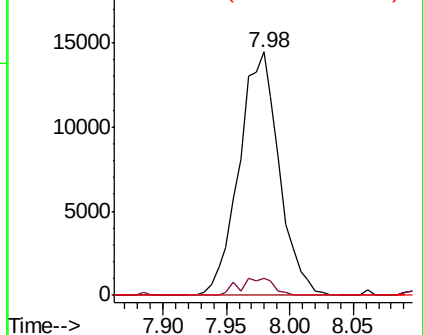
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.770 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

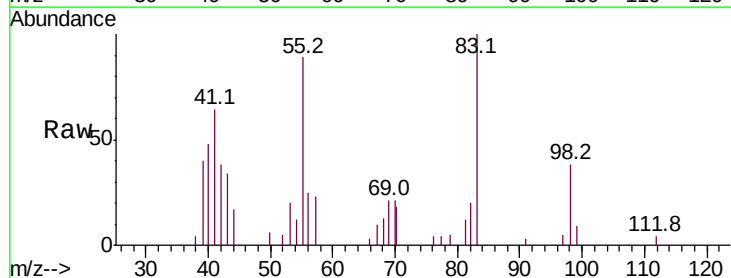
Tgt Ion: 83 Resp: 11214

Ion Ratio Lower Upper

83 100

55 82.8 60.8 91.2

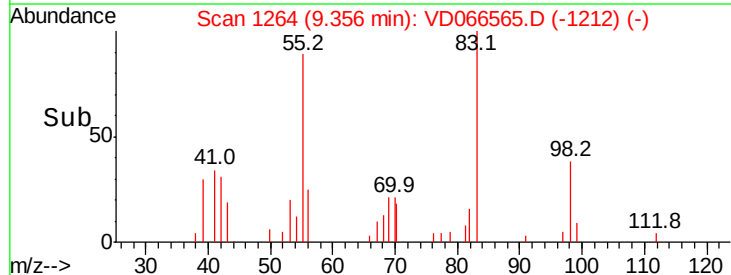
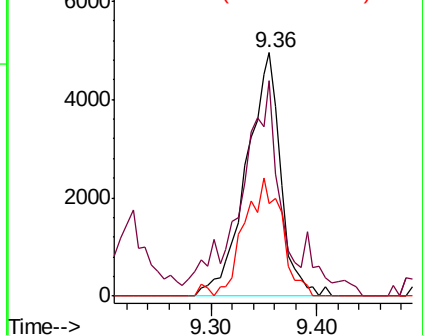
98 37.8 38.6 58.0#

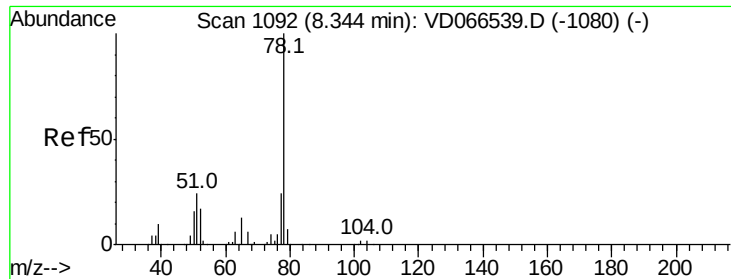


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#40

Benzene

Concen: 5.996 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

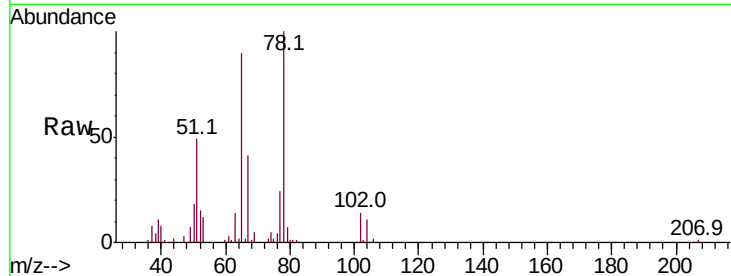
1495-96

Tot Ion: 78 Resp: 93148

Ion Ratio Lower Upper

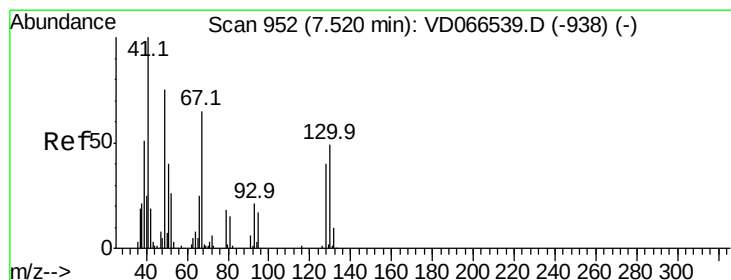
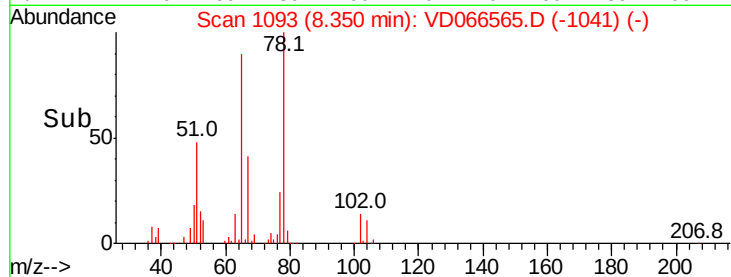
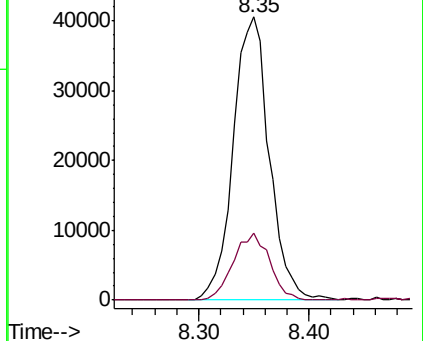
78 100

77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC



#41

Methacrylonitrile

Concen: 25953.249 ug/l

RT: 7.47 min Scan# 944

Delta R.T. -0.05 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Tgt Ion: 41 Resp: 28377071

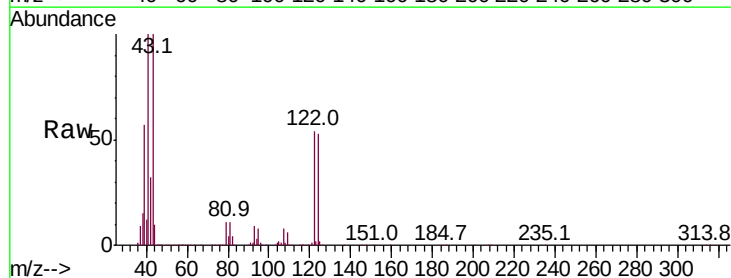
Ion Ratio Lower Upper

41 100

39 52.4 53.6 80.4#

67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

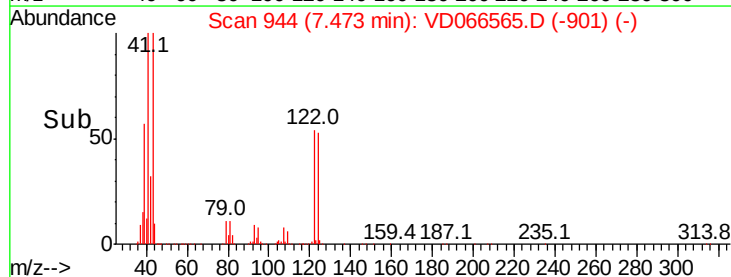
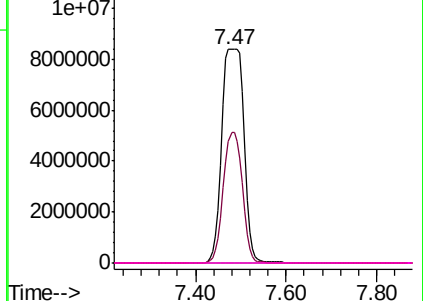


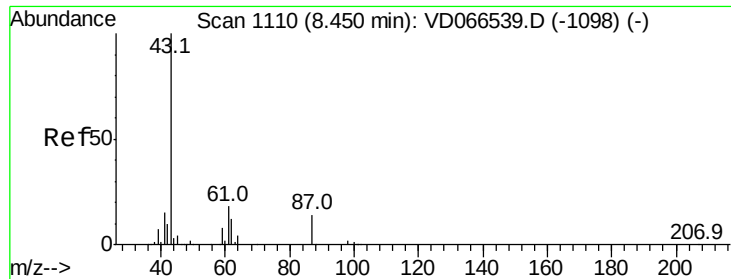
Abundance Ion 41.00 (40.70 to 41.70): VDC

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





#43

Isopropyl Acetate

Concen: 2.336 ug/l

RT: 8.44 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

1495-96

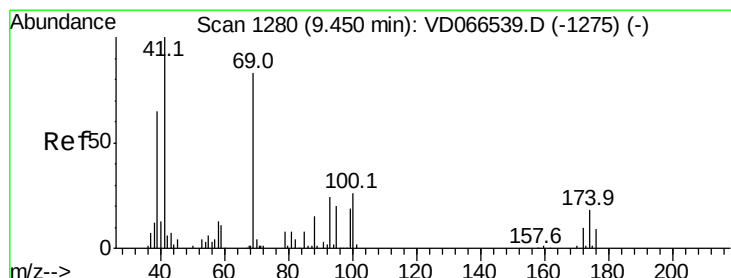
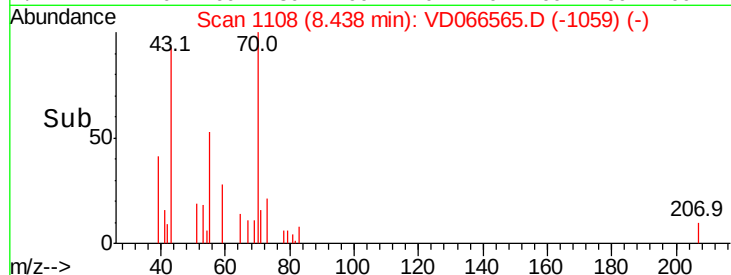
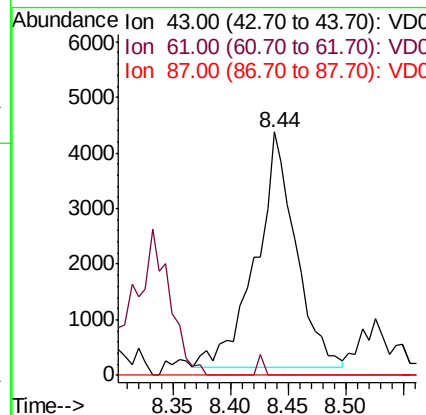
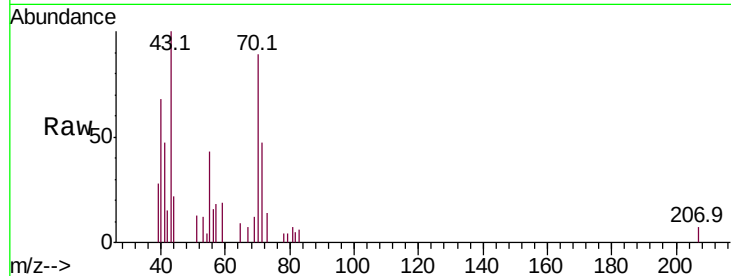
Tot Ion: 43 Resp: 10111

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

87 0.0 10.7 16.1#



#48

Methyl methacrylate

Concen: 4.294 ug/l

RT: 9.34 min Scan# 1262

Delta R.T. -0.11 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

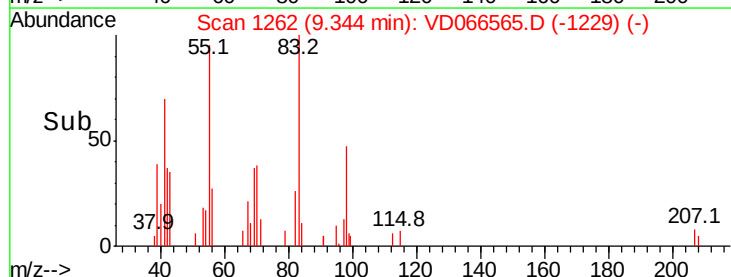
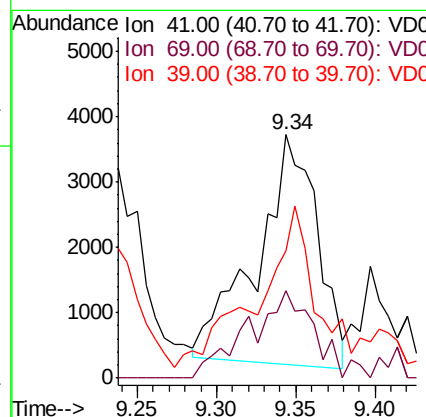
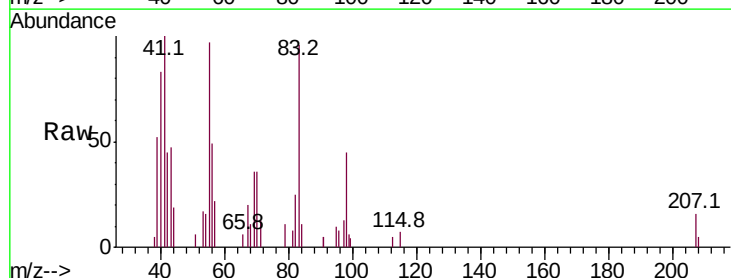
Tgt Ion: 41 Resp: 9400

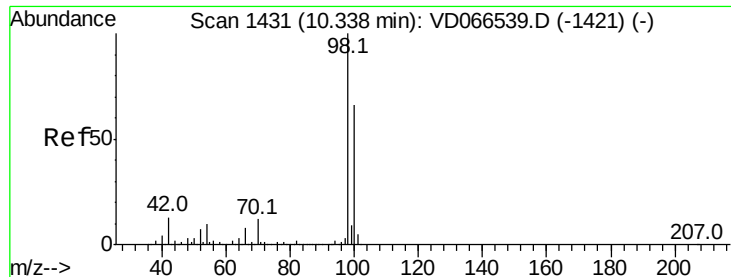
Ion Ratio Lower Upper

41 100

69 28.6 64.5 96.7#

39 65.0 46.6 69.8

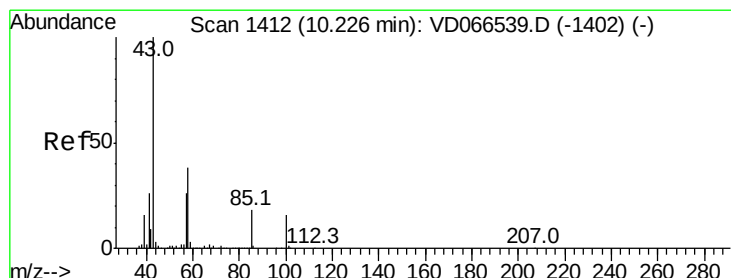
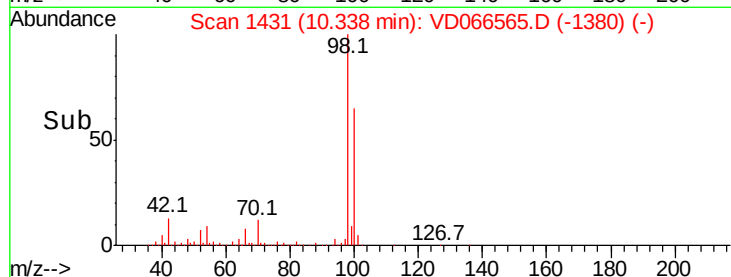
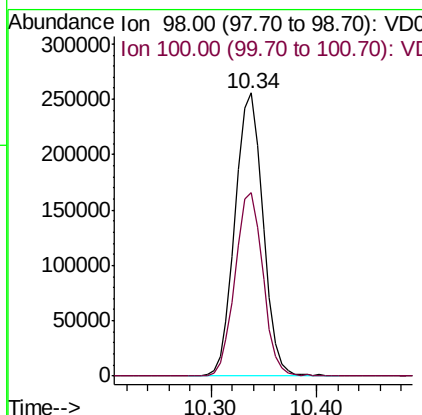
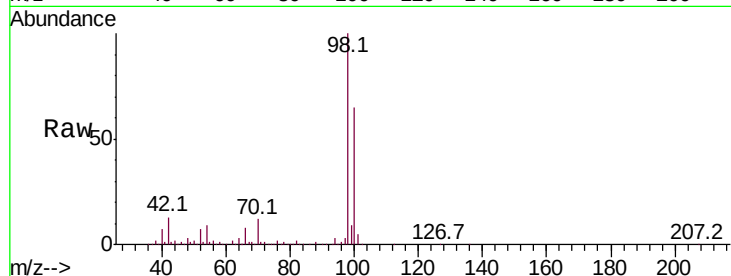




#50
Toluene-d8
Concen: 35.732 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

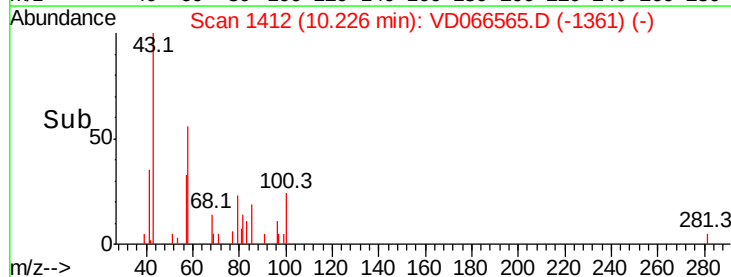
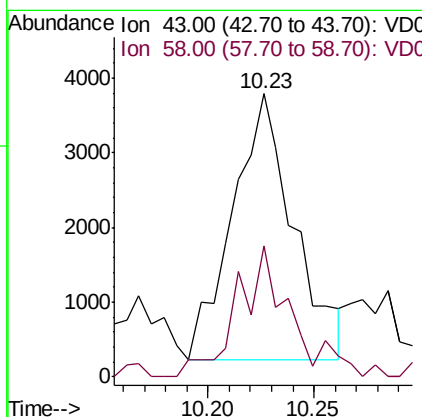
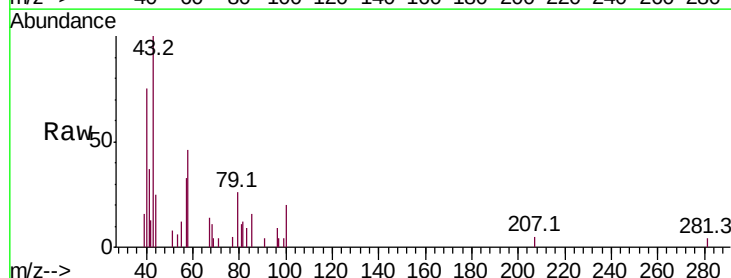
Instrument :
MSVOA_D
ClientSampleId :
1495-96

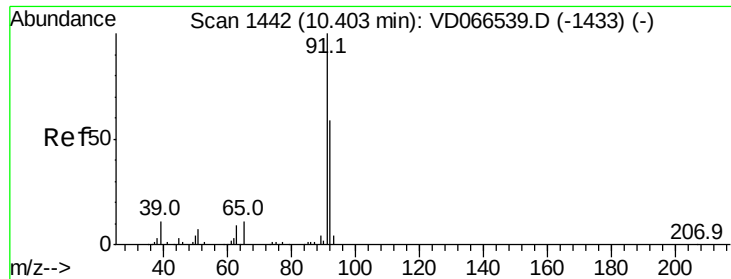
Tot Ion: 98 Resp: 469616
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 3.285 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 43 Resp: 7172
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7





#52

Toluene

Concen: 13.408 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

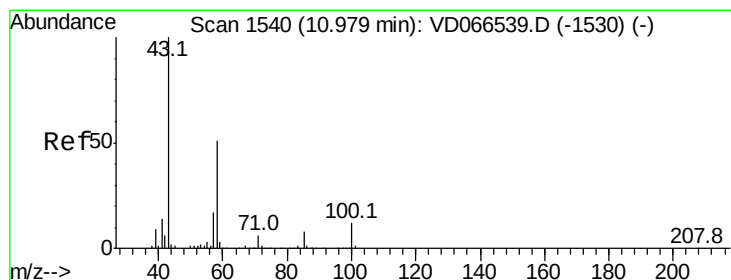
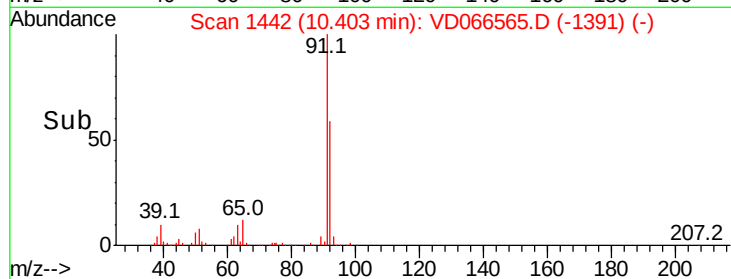
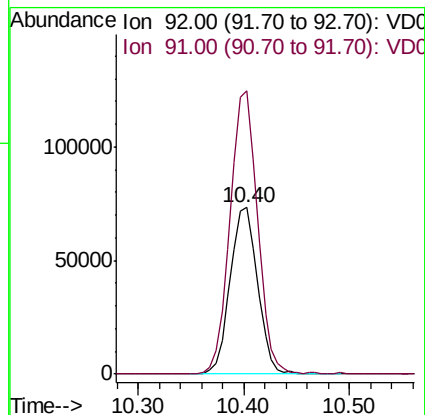
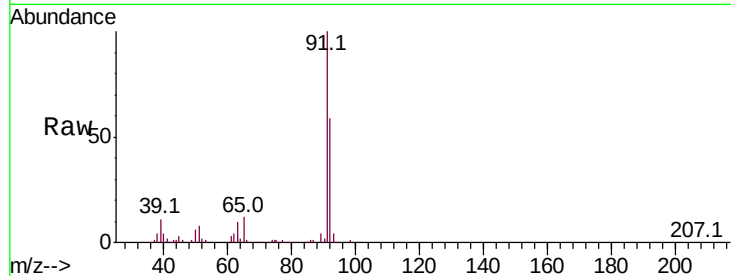
1495-96

Tot Ion: 92 Resp: 131854

Ion Ratio Lower Upper

92 100

91 170.7 137.4 206.2



#59

2-Hexanone

Concen: 1.996 ug/l

RT: 11.02 min Scan# 1547

Delta R.T. 0.04 min

Lab File: VD066565.D

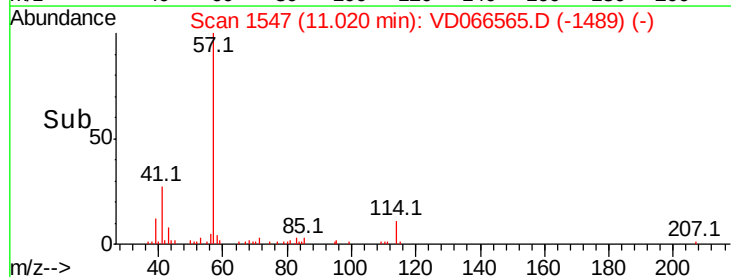
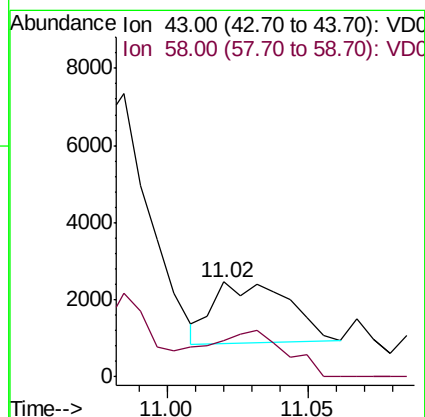
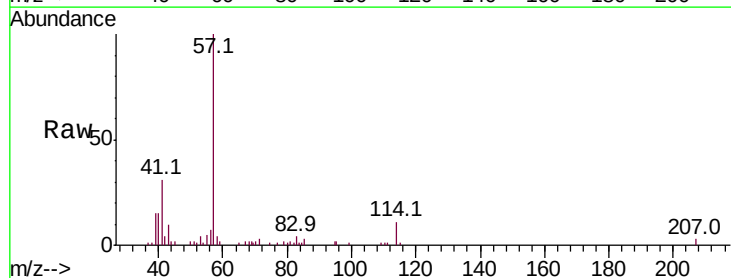
Acq: 04 Sep 2020 16:12

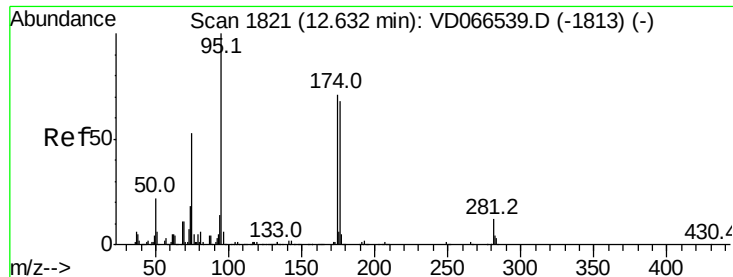
Tgt Ion: 43 Resp: 2931

Ion Ratio Lower Upper

43 100

58 72.7 25.6 76.8





#62

4-Bromofluorobenzene

Concen: 13.706 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

1495-96

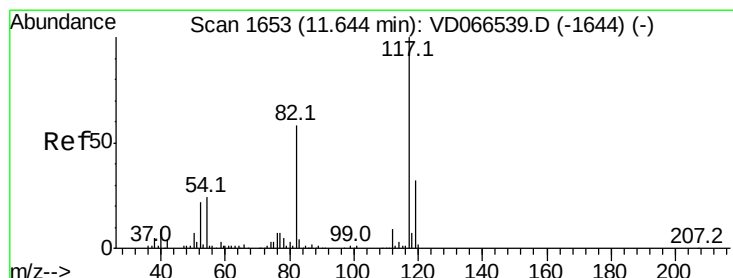
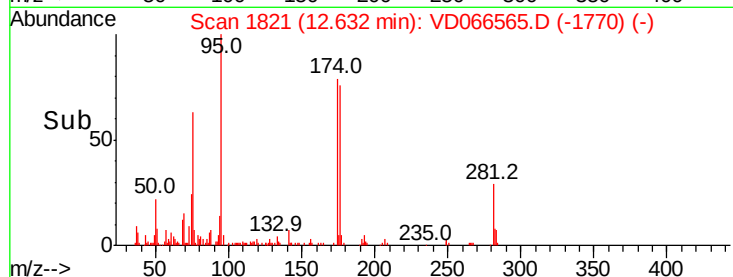
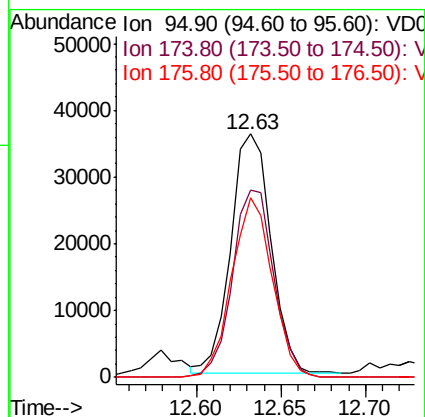
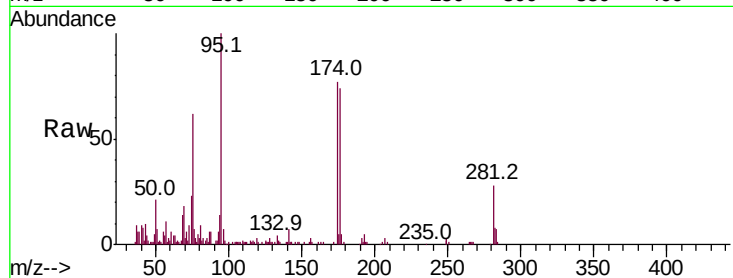
Tot Ion: 95 Resp: 59730

Ion Ratio Lower Upper

95 100

174 80.2 0.0 155.8

176 75.3 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

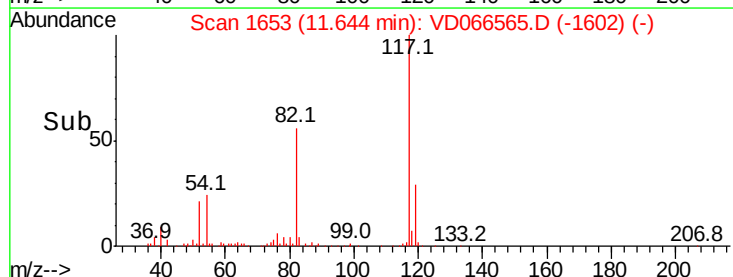
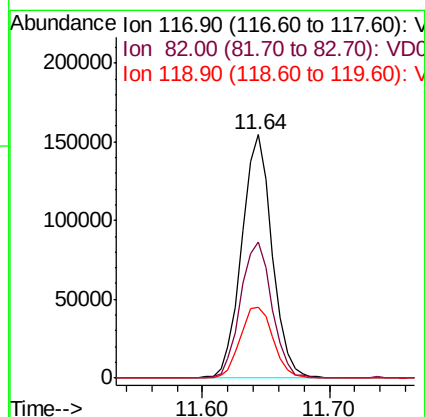
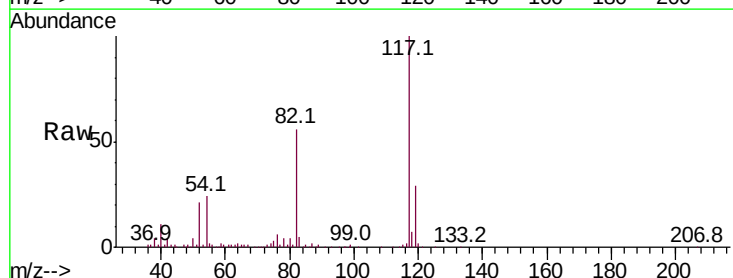
Tgt Ion: 117 Resp: 256387

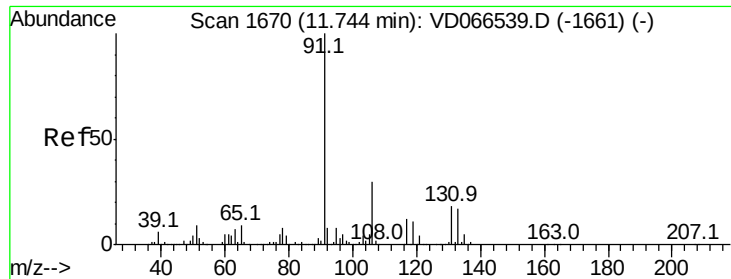
Ion Ratio Lower Upper

117 100

82 55.7 46.2 69.2

119 28.8 25.8 38.8

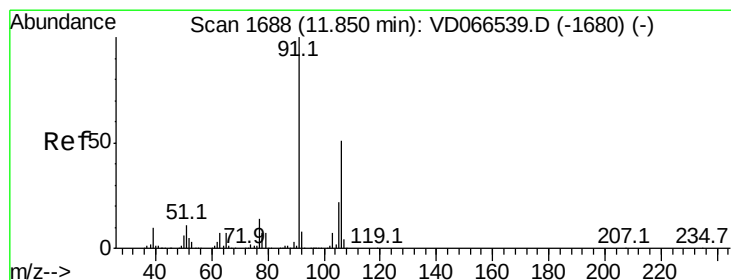
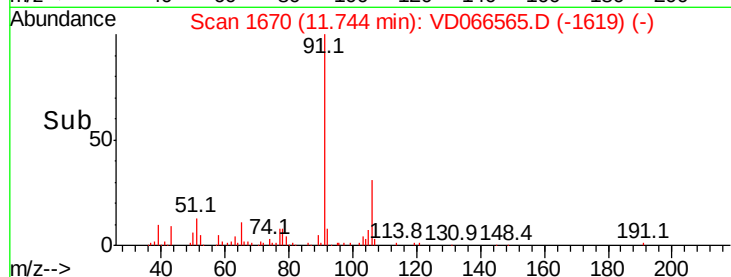
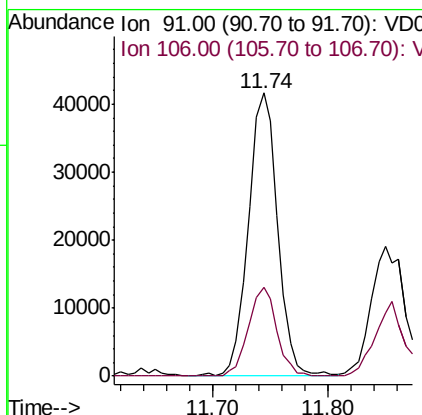
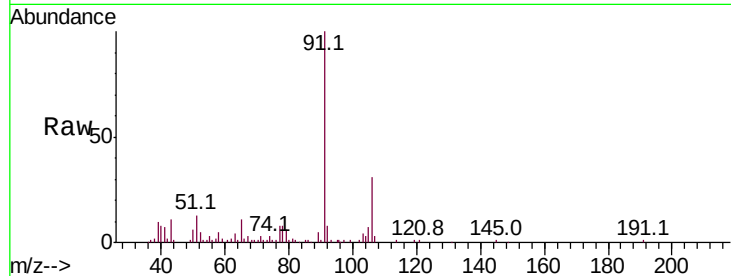




#67
Ethyl Benzene
Concen: 7.577 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

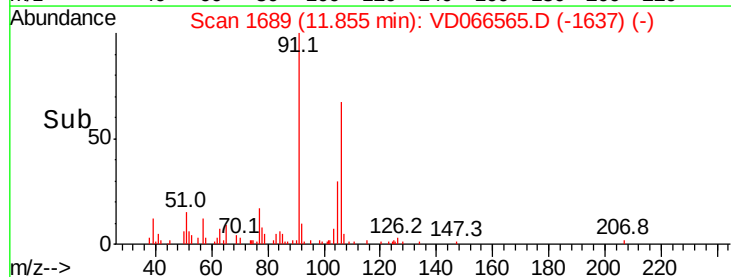
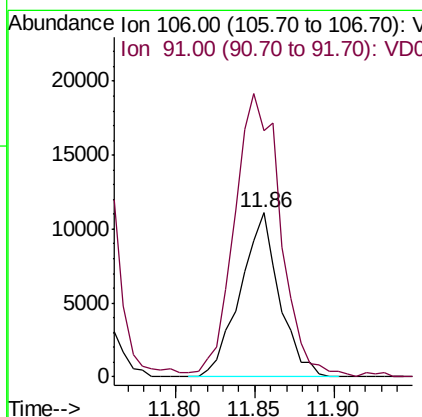
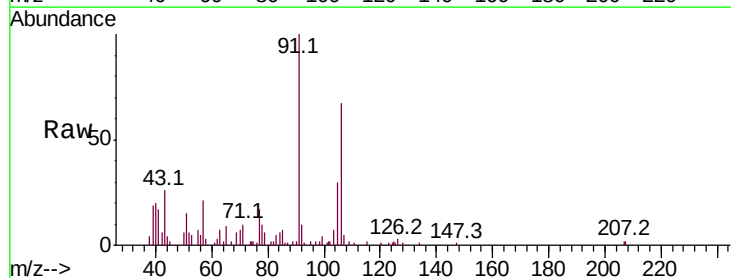
Instrument :
MSVOA_D
ClientSampleId :
1495-96

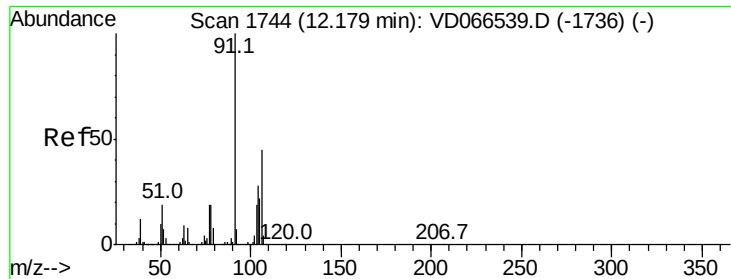
Tot Ion: 91 Resp: 73626
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5



#68
m/p-Xylenes
Concen: 5.283 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 106 Resp: 19060
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6

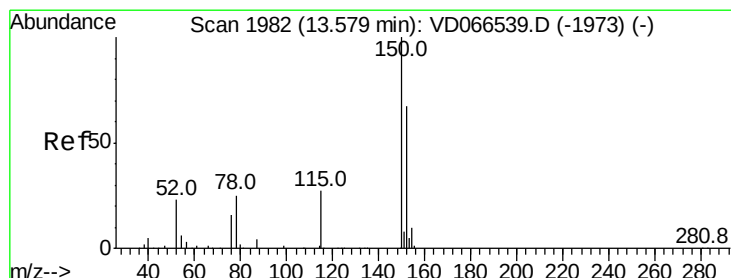
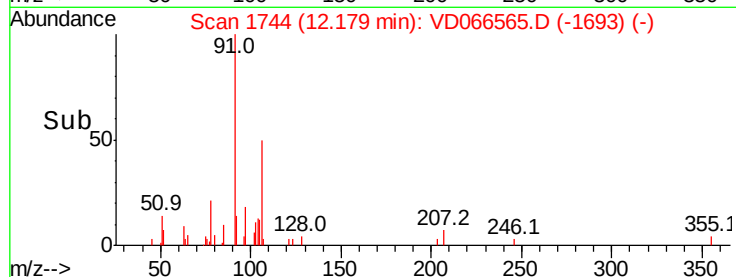
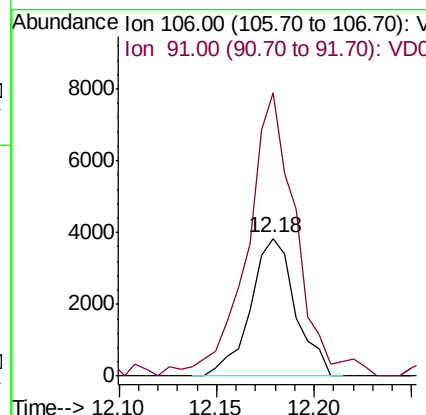
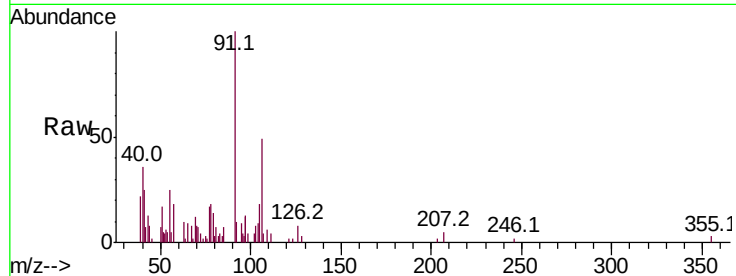




#69
o-Xylene
Concen: 1.897 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

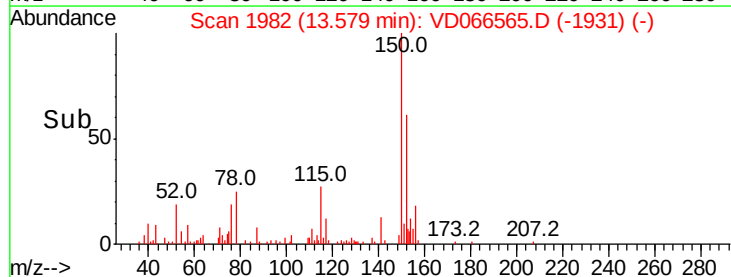
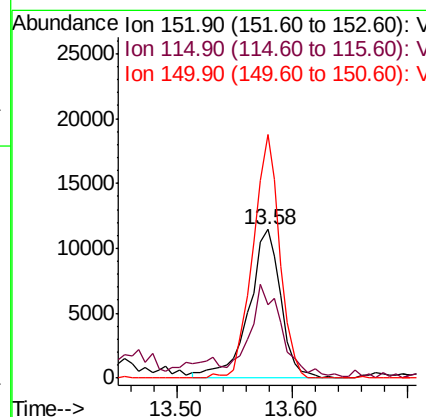
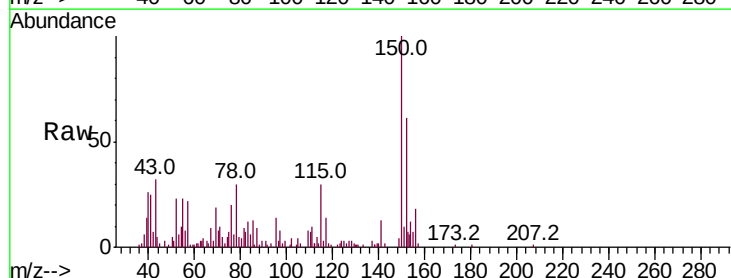
Instrument :
MSVOA_D
ClientSampleId :
1495-96

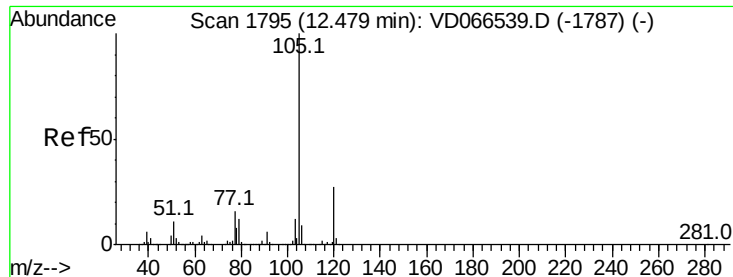
Tot Ion:106 Resp: 6134
Ion Ratio Lower Upper
106 100
91 223.8 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:152 Resp: 21952
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.2
150 137.4 0.0 345.8





#73

Isopropylbenzene

Concen: 8.039 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

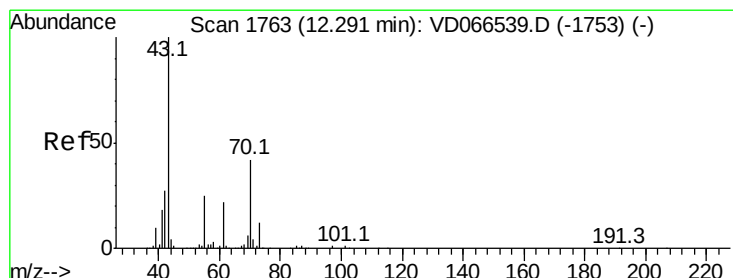
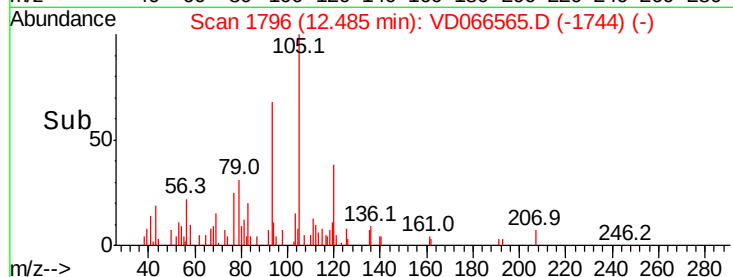
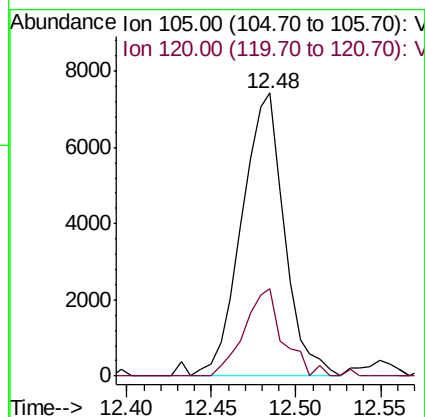
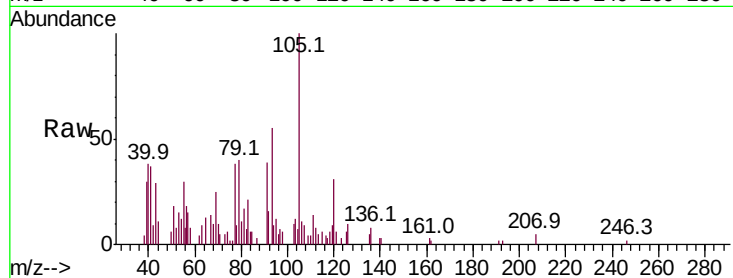
1495-96

Tot Ion:105 Resp: 13065

Ion Ratio Lower Upper

105 100

120 28.2 13.0 39.0



#74

N-ethyl acetate

Concen: 30.561 ug/l

RT: 12.26 min Scan# 1758

Delta R.T. -0.03 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Tgt Ion: 43 Resp: 11250

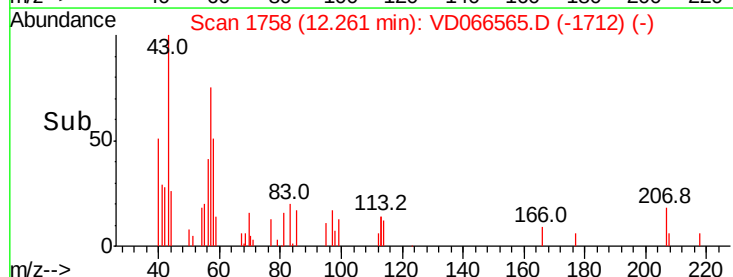
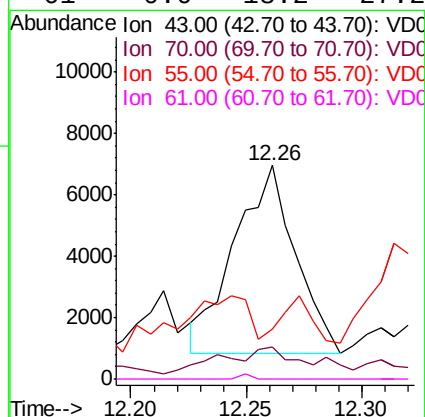
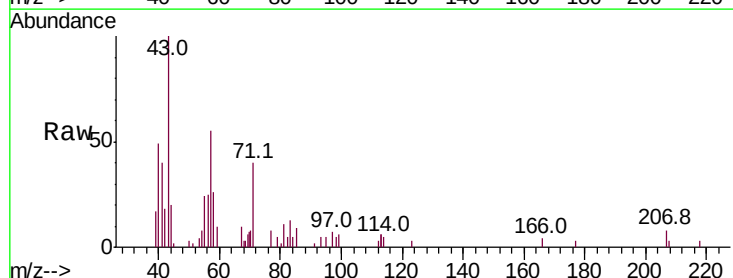
Ion Ratio Lower Upper

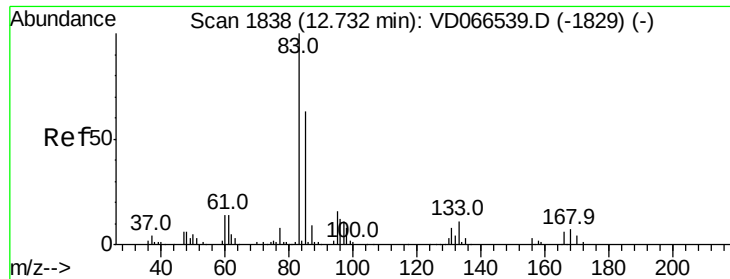
43 100

70 18.9 33.4 50.2#

55 12.7 20.1 30.1#

61 0.0 18.2 27.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.809 ug/l

RT: 12.75 min Scan# 1841

Delta R.T. 0.02 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

1495-96

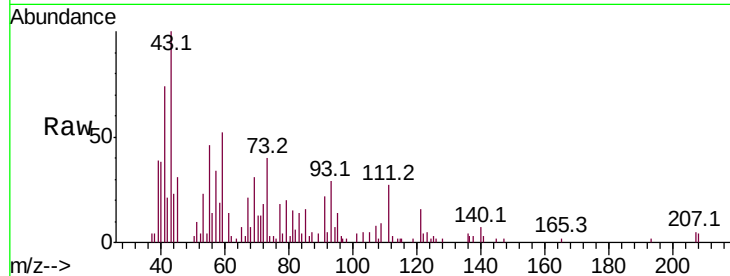
Tot Ion: 83 Resp: 1955

Ion Ratio Lower Upper

83 100

131 4.5 5.0 15.0#

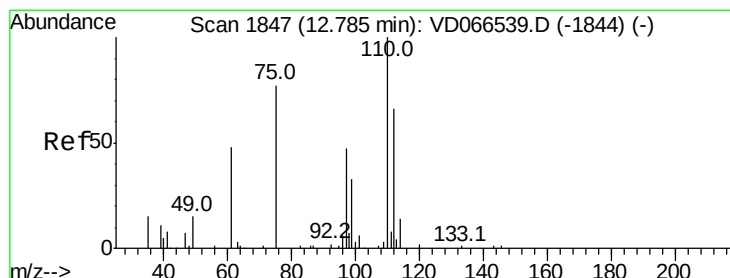
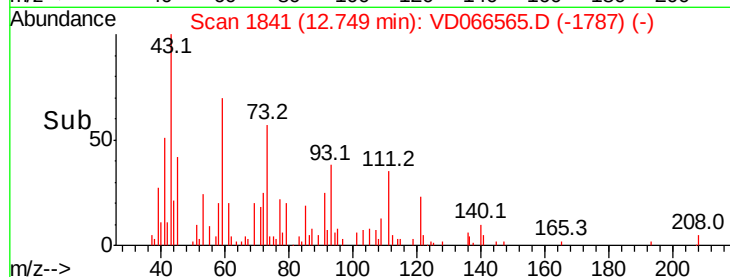
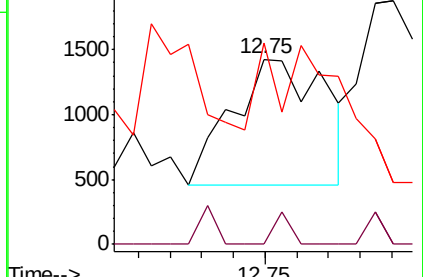
85 125.2 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 22.300 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.06 min

Lab File: VD066565.D

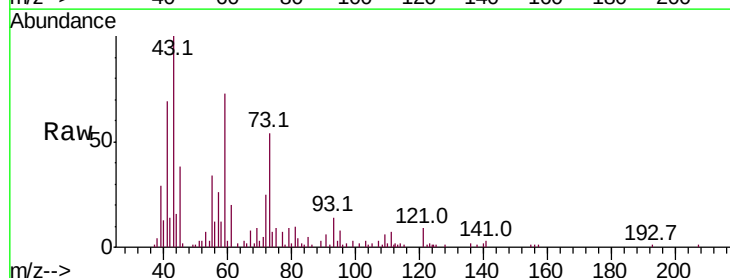
Acq: 04 Sep 2020 16:12

Tgt Ion: 75 Resp: 4708

Ion Ratio Lower Upper

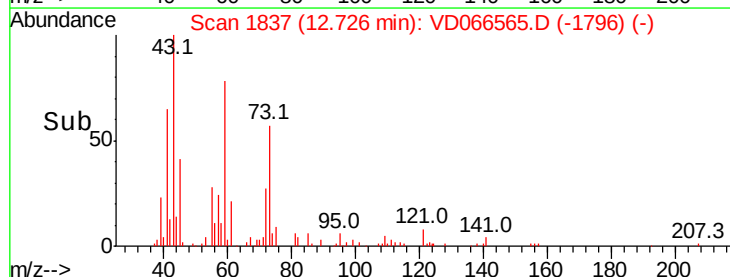
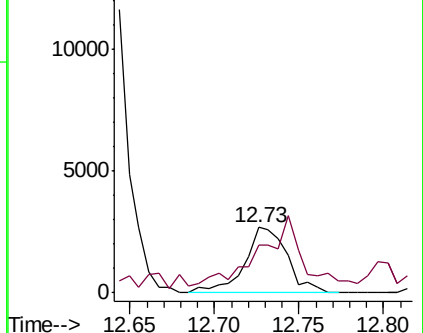
75 100

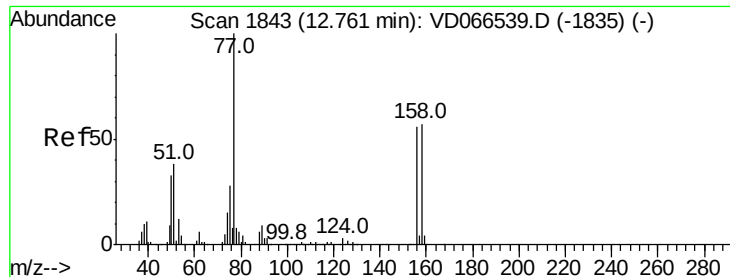
77 104.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 8.936 ug/l

RT: 12.60 min Scan# 1815

Delta R.T. -0.16 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

1495-96

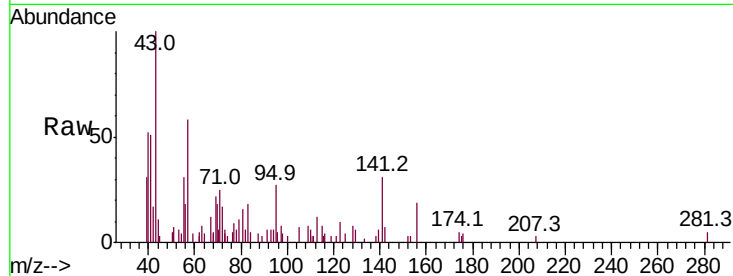
Tot Ion:156 Resp: 3238

Ion Ratio Lower Upper

156 100

77 20.0 98.0 294.1#

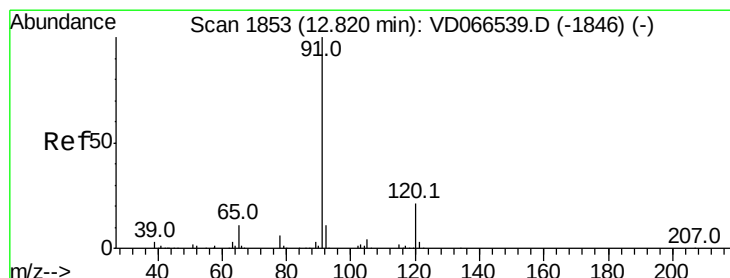
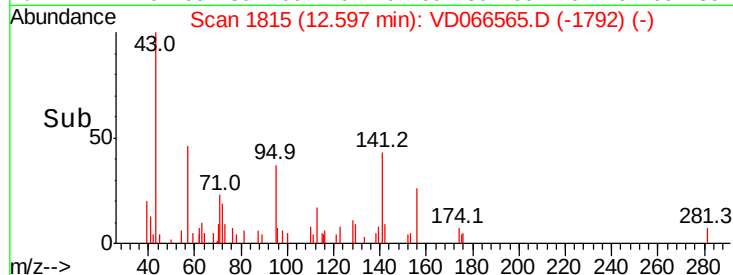
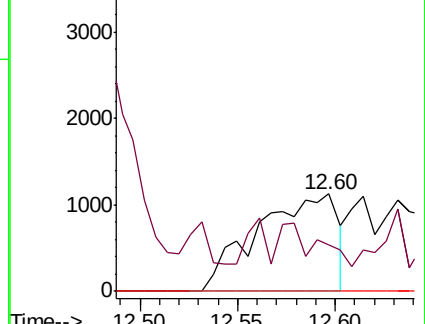
158 0.0 48.1 144.3#



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



#78

n-propylbenzene

Concen: 4.358 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066565.D

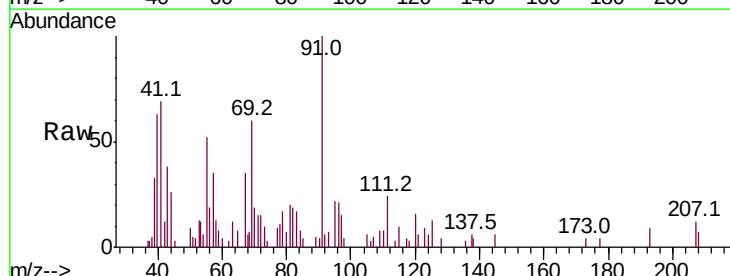
Acq: 04 Sep 2020 16:12

Tgt Ion: 91 Resp: 8587

Ion Ratio Lower Upper

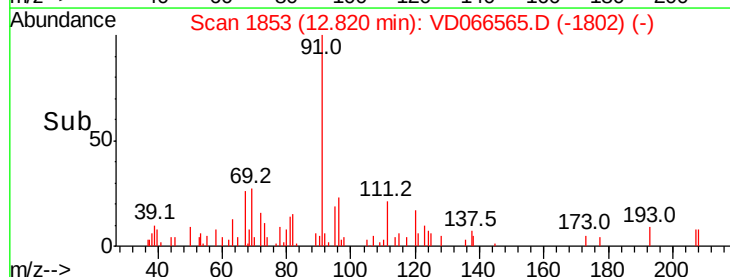
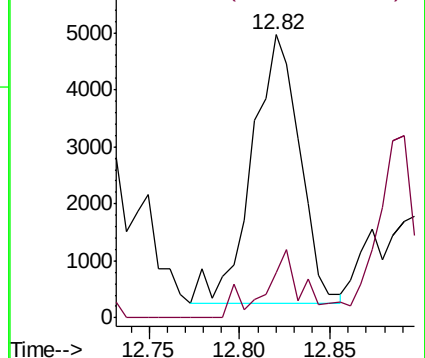
91 100

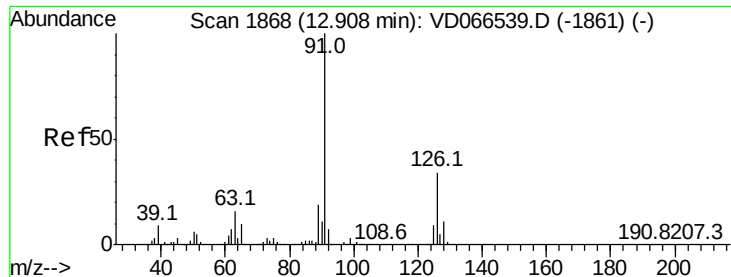
120 17.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

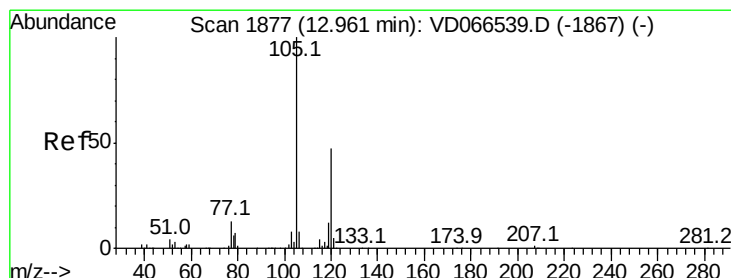
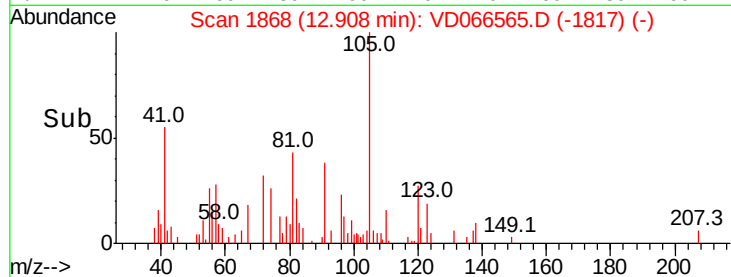
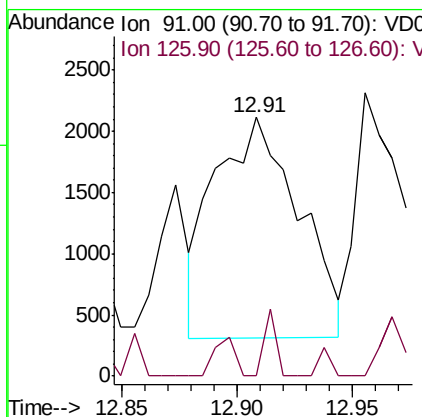
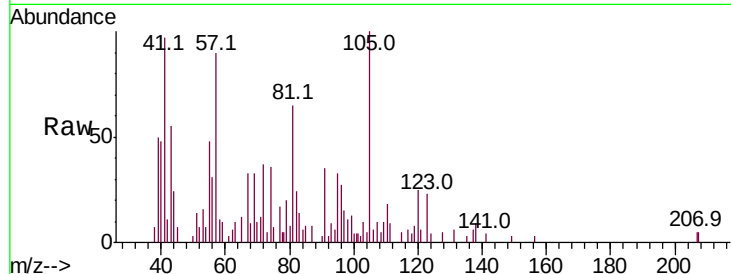




#79
 2-Chlorotoluene
 Concen: 4.144 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

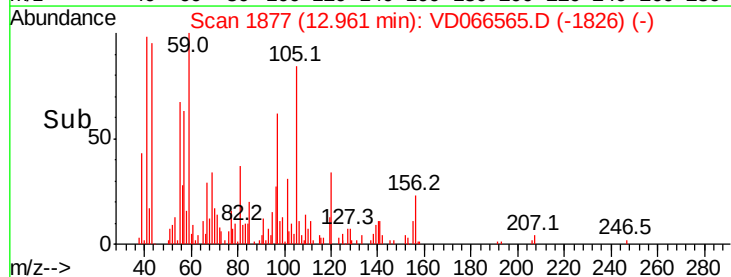
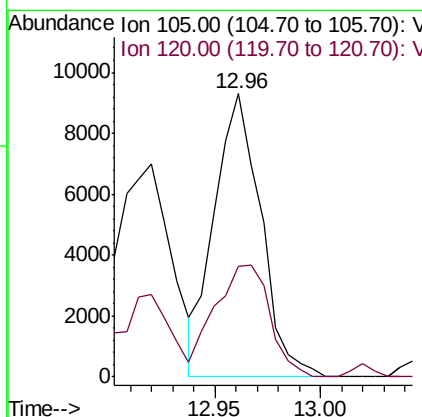
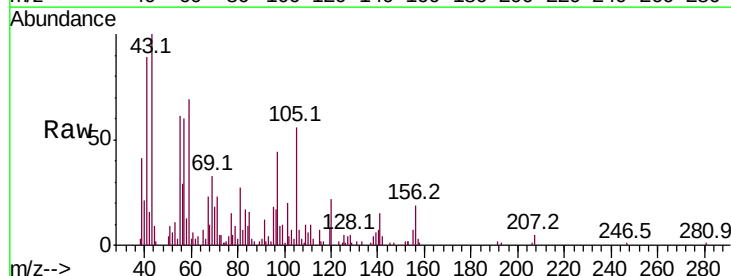
Instrument :
 MSVOA_D
 ClientSampleID :
 1495-96

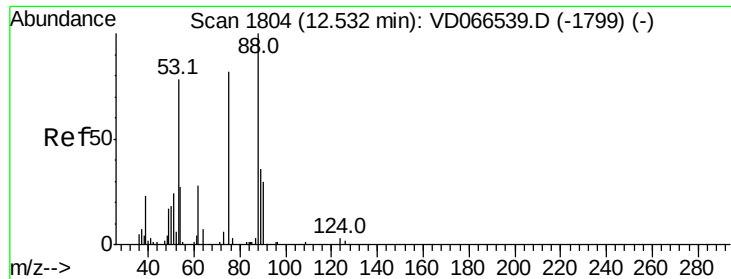
Tot Ion: 91 Resp: 4581
 Ion Ratio Lower Upper
 91 100
 126 4.2 16.4 49.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 10.375 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

Tgt Ion: 105 Resp: 14193
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.9 71.8

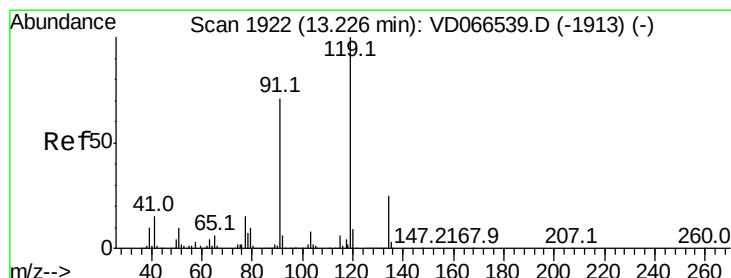
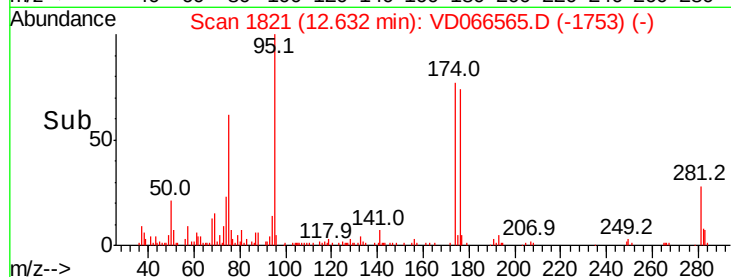
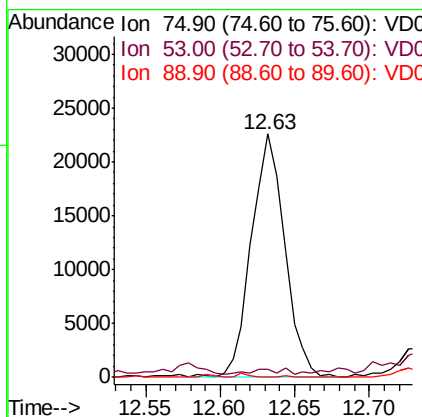
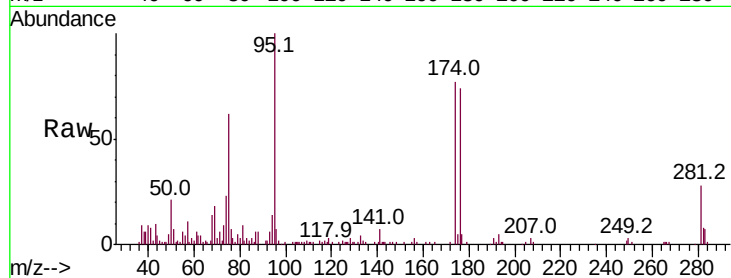




#81
trans-1,4-Dichloro-2-butene
Concen: 386.613 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

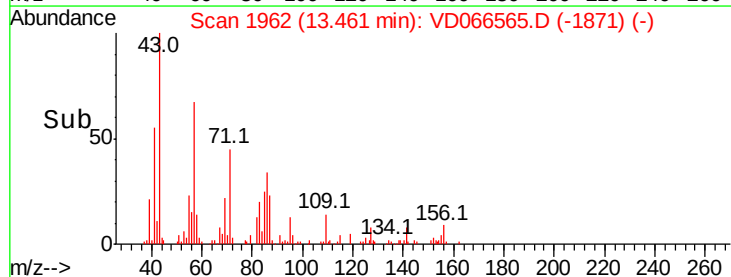
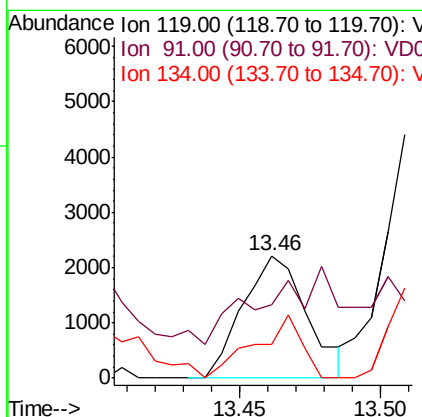
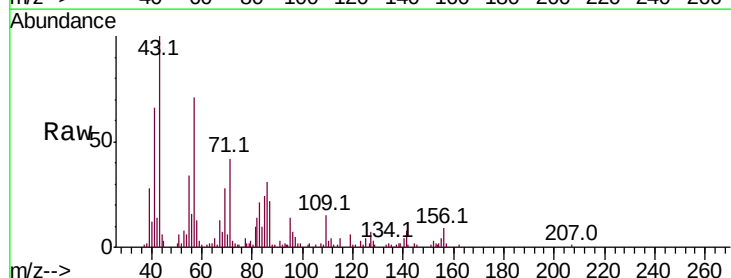
Instrument :
MSVOA_D
ClientSampleId :
1495-96

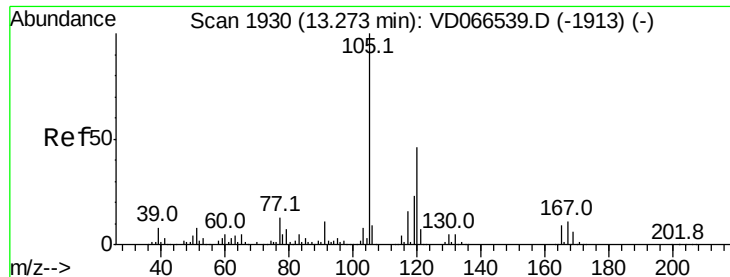
Tot Ion: 75 Resp: 34961
Ion Ratio Lower Upper
75 100
53 1.8 87.0 130.4#
89 0.2 37.1 55.7#



#83
tert-Butylbenzene
Concen: 3.116 ug/l
RT: 13.46 min Scan# 1962
Delta R.T. 0.24 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 119 Resp: 3481
Ion Ratio Lower Upper
119 100
91 45.5 35.2 105.6
134 37.3 13.5 40.5





#84

1,2,4-Trimethylbenzene

Concen: 27.355 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

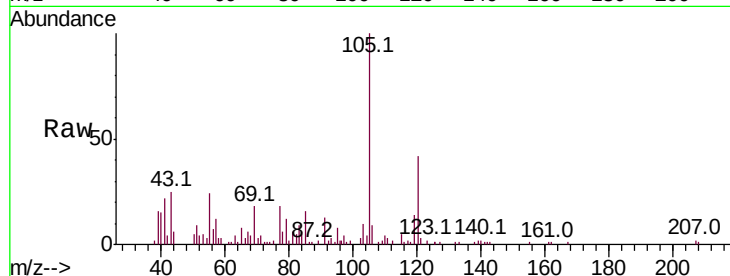
1495-96

Tot Ion:105 Resp: 37257

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

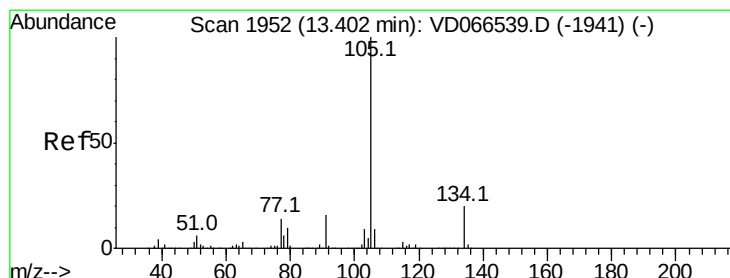
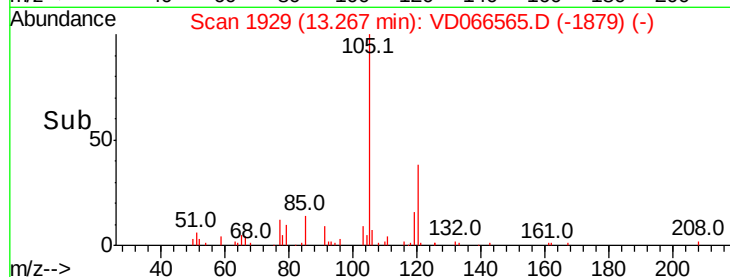
0

13.27

13.20

13.30

Time-->



#85

sec-Butylbenzene

Concen: 4.773 ug/l

RT: 13.40 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VD066565.D

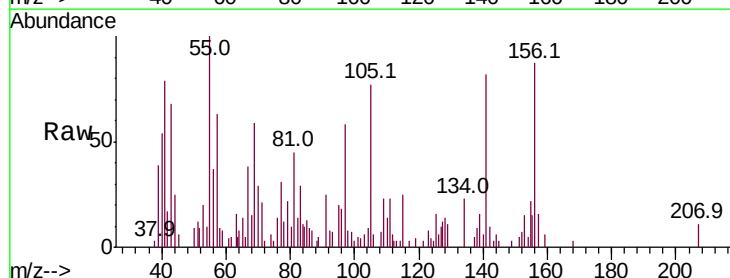
Acq: 04 Sep 2020 16:12

Tgt Ion:105 Resp: 7682

Ion Ratio Lower Upper

105 100

134 34.7 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

5000

4000

3000

2000

1000

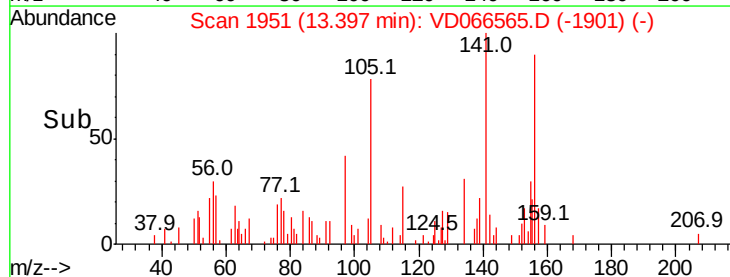
0

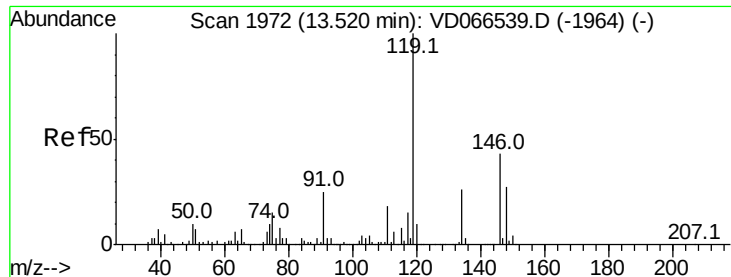
13.40

13.35

13.45

Time-->

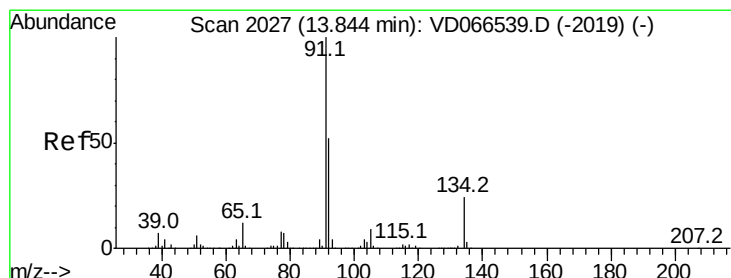
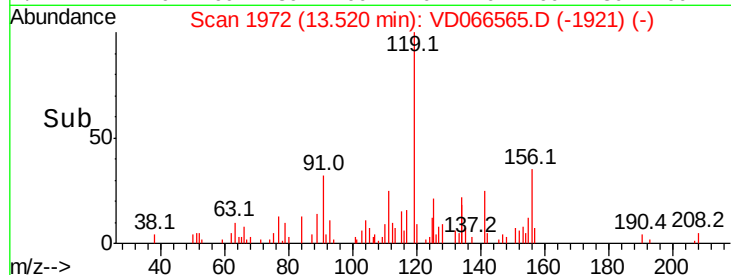
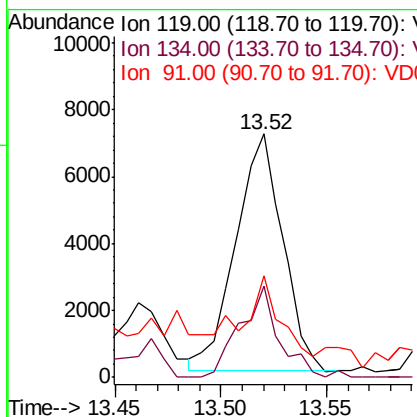
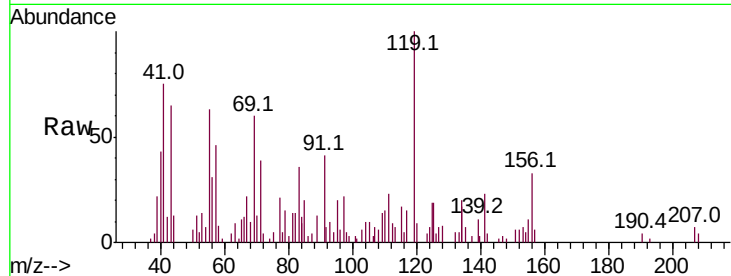




#86
 p-Isopropyltoluene
 Concen: 7.561 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

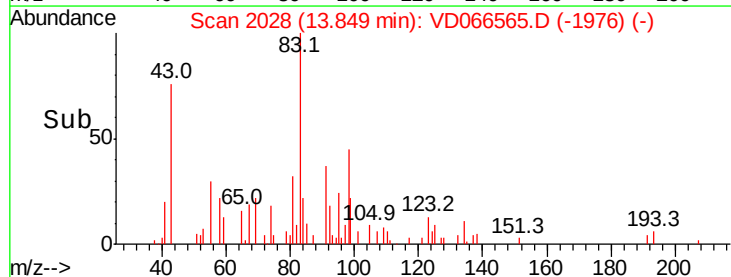
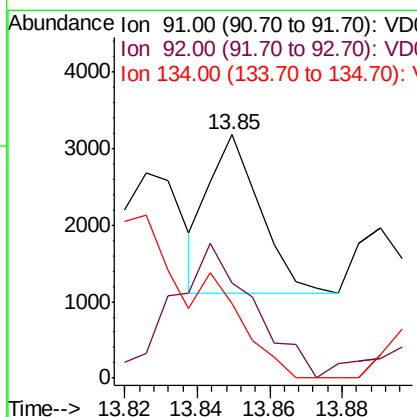
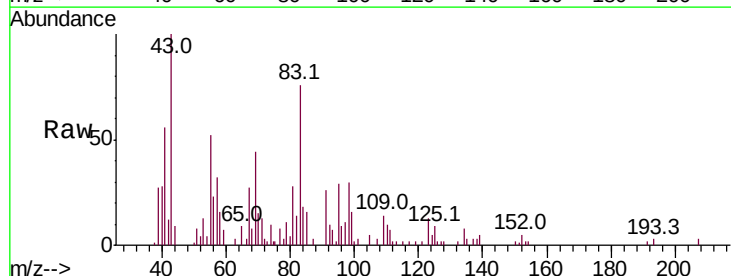
Instrument :
 MSVOA_D
 ClientSampleID :
 1495-96

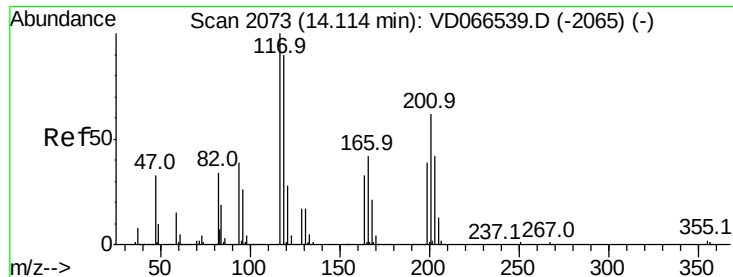
Tot Ion:119 Resp: 10953
 Ion Ratio Lower Upper
 119 100
 134 31.8 12.7 38.0
 91 25.2 12.5 37.5



#89
 n-Butylbenzene
 Concen: 1.444 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

Tgt Ion: 91 Resp: 2038
 Ion Ratio Lower Upper
 91 100
 92 133.0 26.5 79.5#
 134 0.0 12.1 36.3#





#90

Hexachloroethane

Concen: 8.855 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

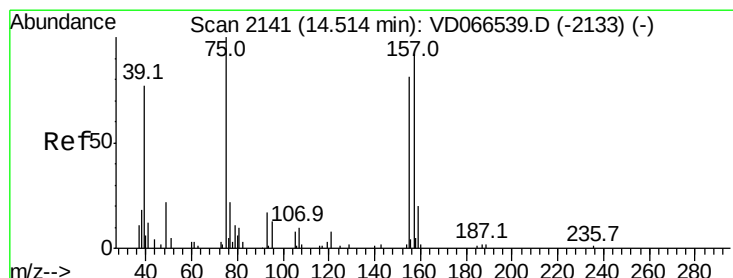
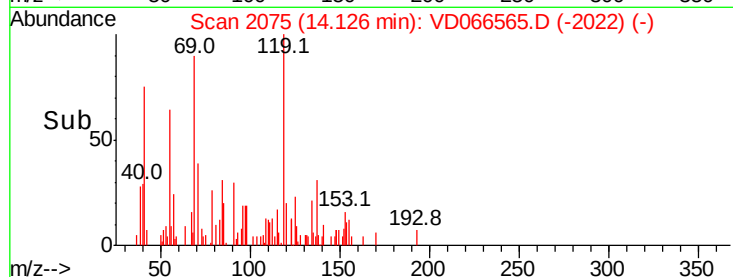
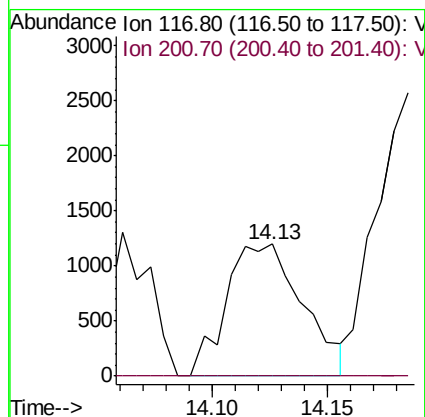
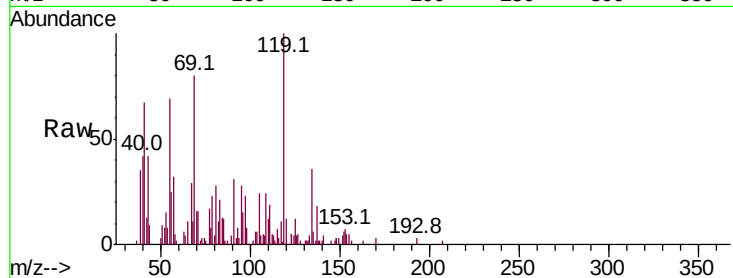
1495-96

Tot Ion:117 Resp: 2764

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.228 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066565.D

Acq: 04 Sep 2020 16:12

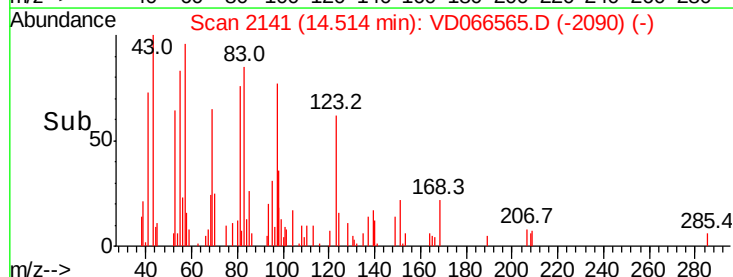
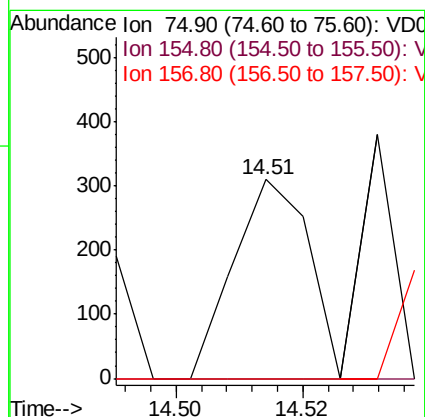
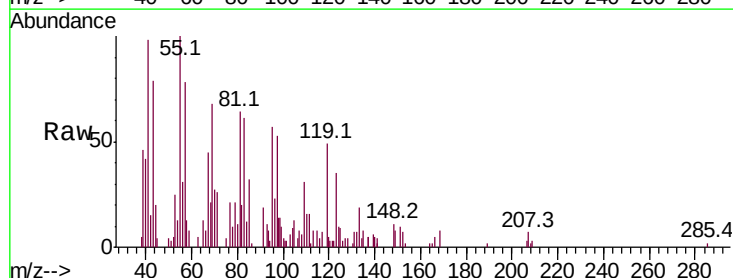
Tgt Ion: 75 Resp: 255

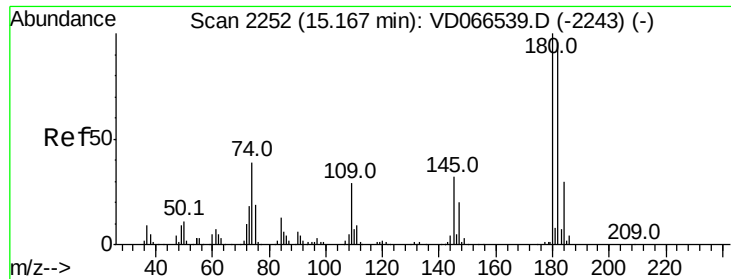
Ion Ratio Lower Upper

75 100

155 0.0 39.3 117.8#

157 0.0 46.0 137.8#

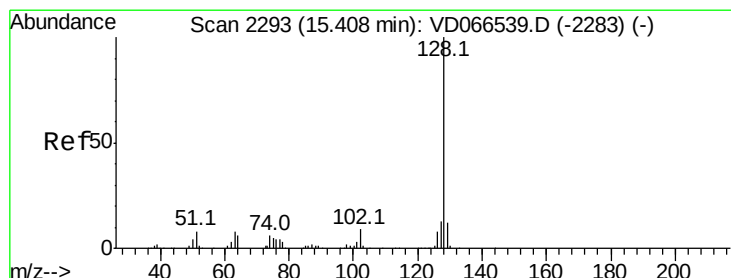
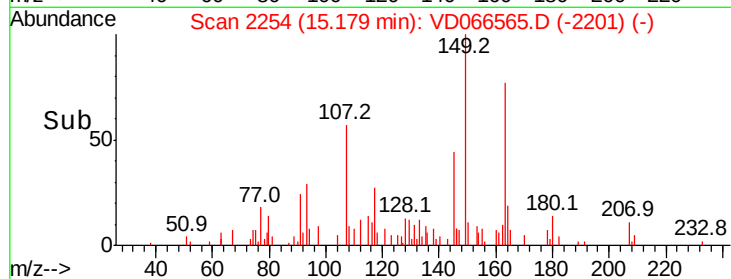
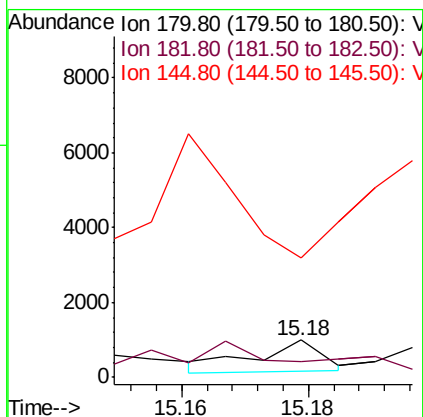
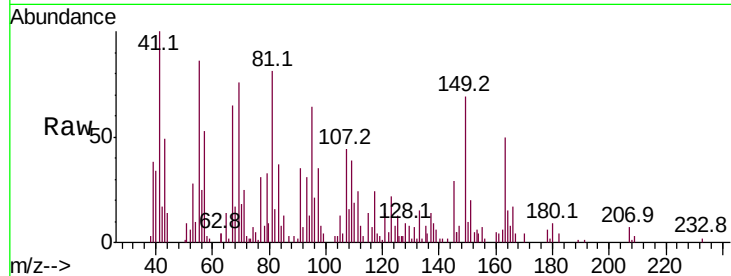




#93
1,2,4-Trichlorobenzene
Concen: 1.680 ug/l
RT: 15.18 min Scan# 2254
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

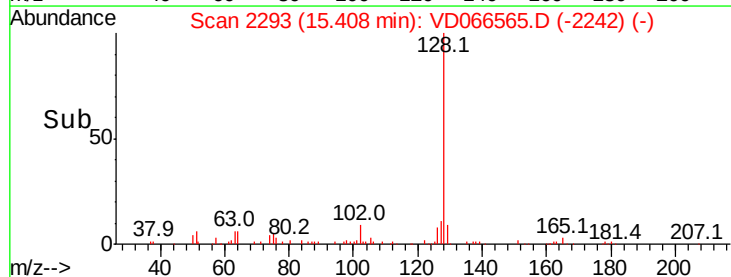
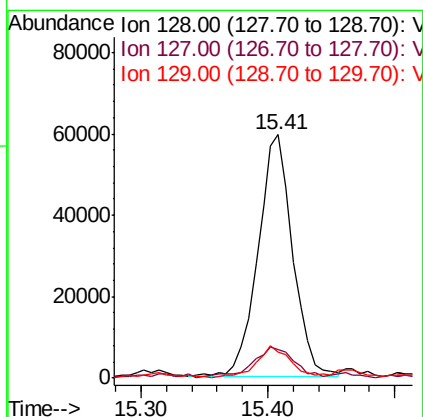
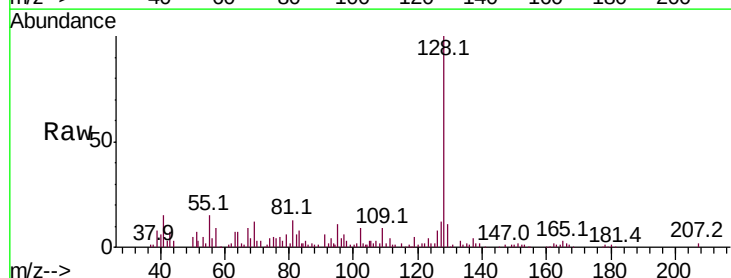
Instrument :
MSVOA_D
ClientSampleId :
1495-96

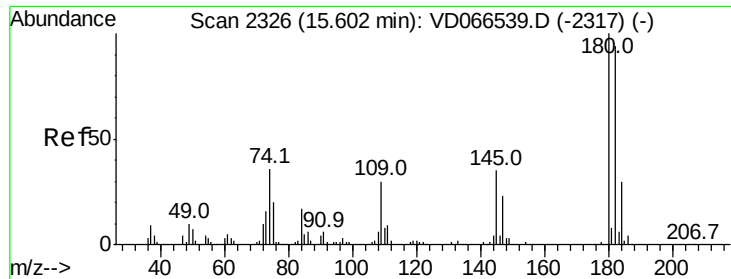
Tot Ion:180 Resp: 634
Ion Ratio Lower Upper
180 100
182 292.9 48.4 145.0#
145 2093.5 16.7 50.0#



#95
Naphthalene
Concen: 171.714 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:128 Resp: 113229
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 12.2 9.1 13.7





#96
 1,2,3-Trichlorobenzene
 Concen: 10.696 ug/l
 RT: 15.61 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: VD066565.D
 Acq: 04 Sep 2020 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96

Tot Ion:180 Resp: 3441
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 17.3 51.7#

