

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066883.D
 Acq On : 25 Sep 2020 19:23
 Operator : VA/SY
 Sample : L4129-17
 Misc : 11.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-2

Quant Time: Sep 26 03:02:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	18283	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.86	114	28200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	28000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	13809	77.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.34%	
35) Dibromofluoromethane	7.91	113	9054	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.33	98	32301	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.63	95	10428	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	65	Below Cal	#	46
3) Chloromethane	2.20	50	686	4.084	ug/l #	43
5) Bromomethane	2.79	94	1227	10.519	ug/l #	63
6) Chloroethane	2.95	64	170	1.650	ug/l #	46
10) Methyl Iodide	4.30	142	863	4.948	ug/l #	87
14) Allyl chloride	4.72	41	294	1.118	ug/l #	42
15) Acrylonitrile	5.26	53	71	1.852	ug/l #	18
16) Acetone	4.16	43	4378	115.330	ug/l	92
17) Carbon Disulfide	4.41	76	730	1.334	ug/l #	74
18) Methyl Acetate	4.85	43	56	Below Cal	#	50
20) Methylene Chloride	4.95	84	949	Below Cal	#	85
23) Vinyl Acetate	6.36	43	149	3.174	ug/l #	71
25) 2-Butanone	7.19	43	755	16.550	ug/l #	46
29) Tetrahydrofuran	7.44	42	56	1.916	ug/l #	33
31) Cyclohexane	7.98	56	453	1.392	ug/l #	1
37) Ethyl Acetate	7.28	43	183	1.809	ug/l #	70
38) Carbon Tetrachloride	7.98	117	1761	5.757	ug/l #	12
39) Methylcyclohexane	9.34	83	334	1.040	ug/l #	66
40) Benzene	8.35	78	10487	13.450	ug/l	100
49) 1,4-Dioxane	9.46	88	53	Below Cal	#	23
51) 4-Methyl-2-Pentanone	10.21	43	533	5.395	ug/l #	35
52) Toluene	10.40	92	12585	25.058	ug/l	96
59) 2-Hexanone	11.00	43	80	1.201	ug/l #	25
67) Ethyl Benzene	11.74	91	3417	3.338	ug/l	91
68) m/p-Xylenes	11.86	106	4698	12.122	ug/l	96
69) o-Xylene	12.18	106	2146	6.124	ug/l	92
70) Styrene	12.20	104	794	1.305	ug/l #	40
74) N-amyl acetate	12.24	43	712	4.296	ug/l #	41
76) 1,2,3-Trichloropropane	12.63	75	5714	58.686	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.96	105	1029	1.429	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.63	75	5714	146.826	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.27	105	1756	2.459	ug/l	100
95) Naphthalene	15.41	128	8414	23.464	ug/l	98

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

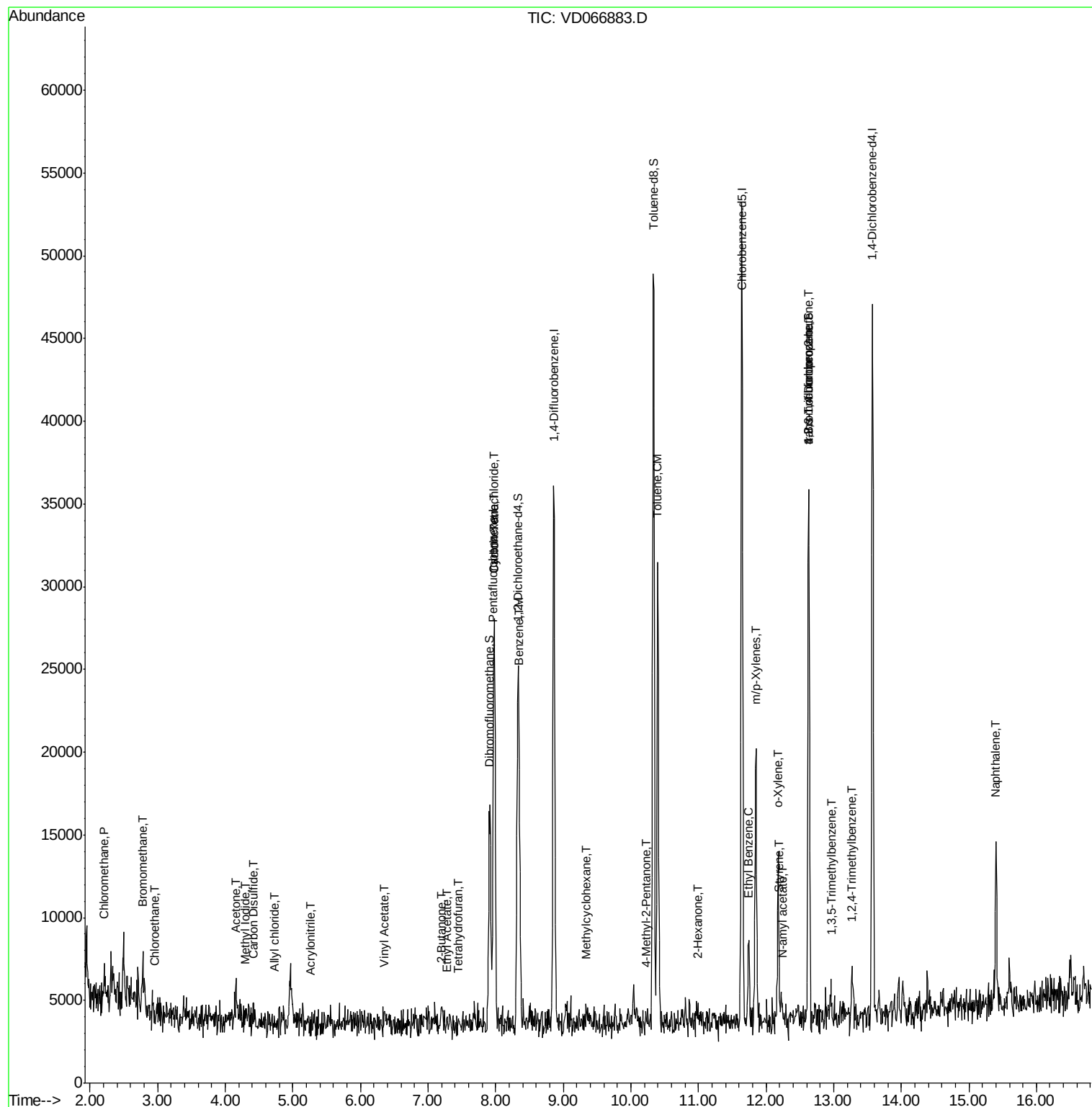
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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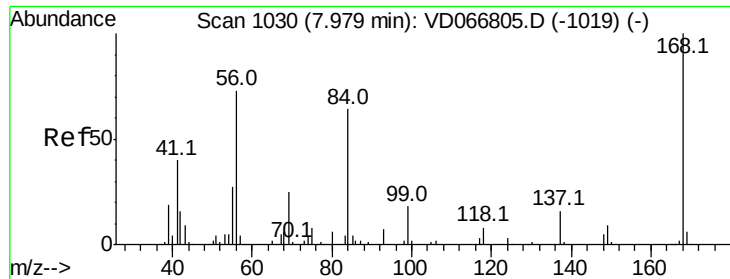
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

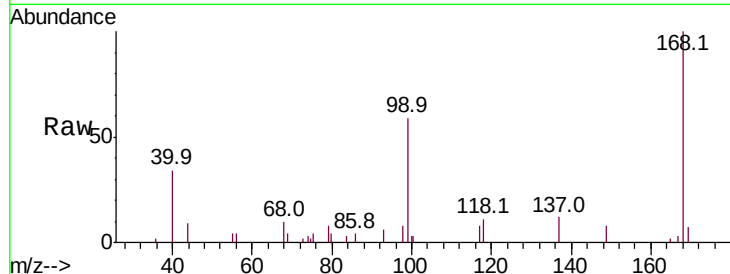
DRUM-COMP-2

Tot Ion:168 Resp: 18283

Ion Ratio Lower Upper

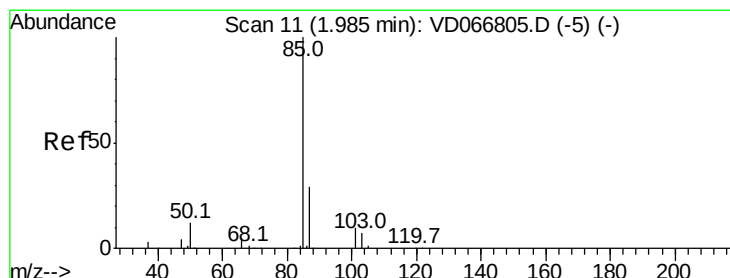
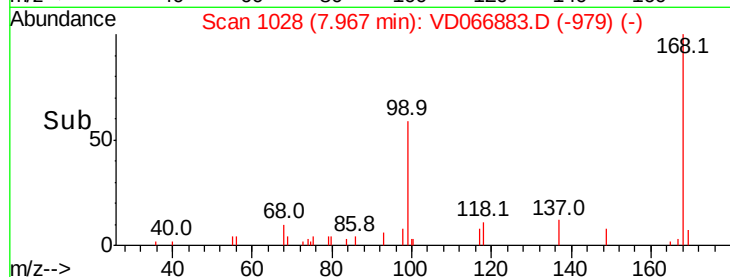
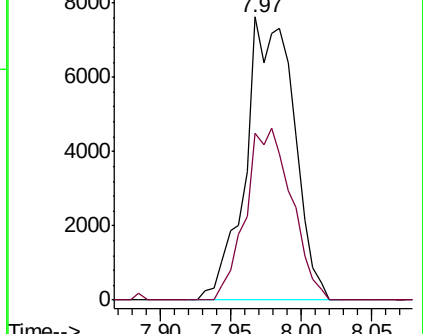
168 100

99 58.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD066883.D

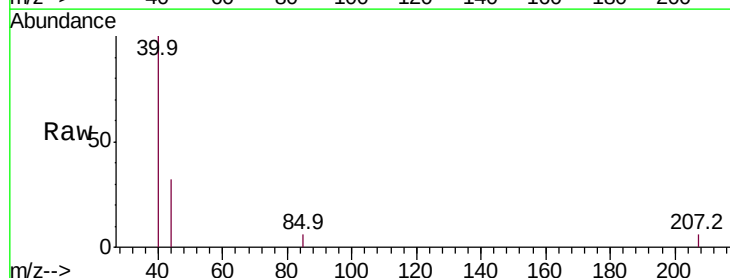
Acq: 25 Sep 2020 19:23

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

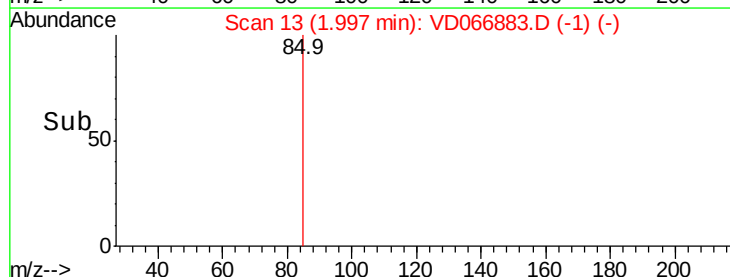
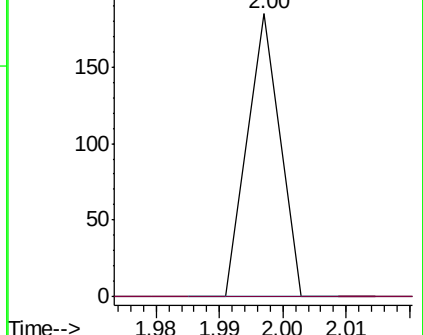
85 100

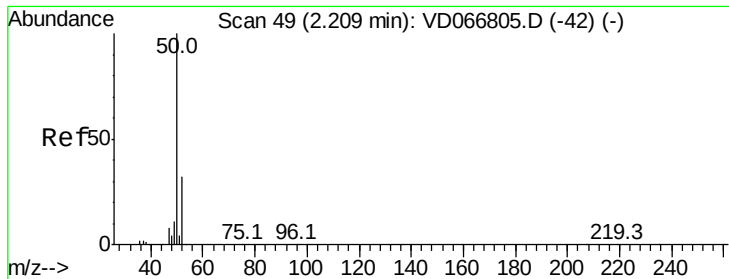
87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 4.084 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

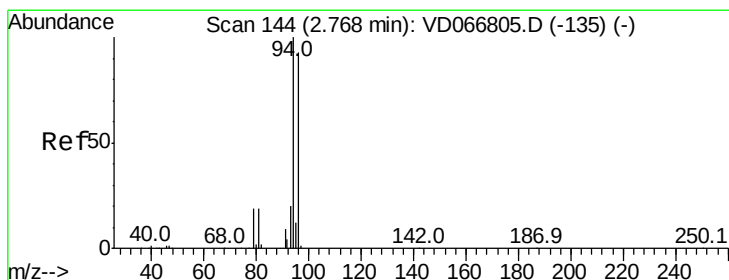
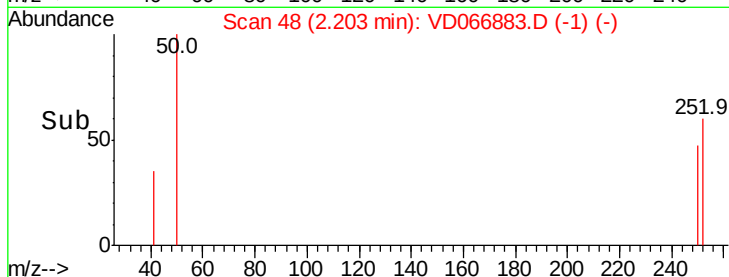
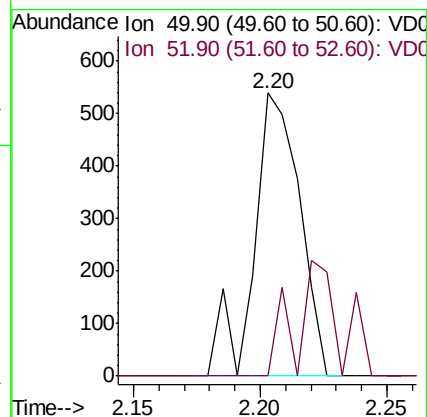
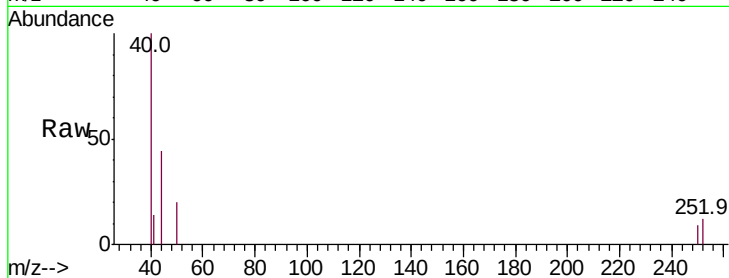
DRUM-COMP-2

Tot Ion: 50 Resp: 686

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



#5

Bromomethane

Concen: 10.519 ug/l

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD066883.D

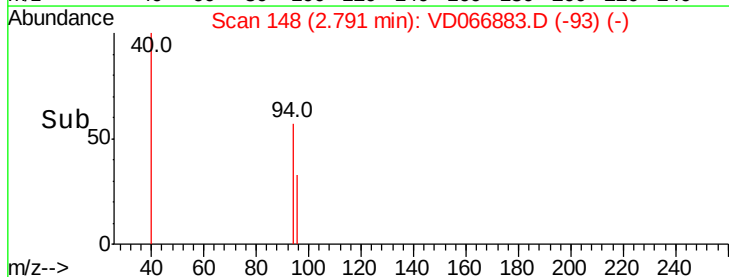
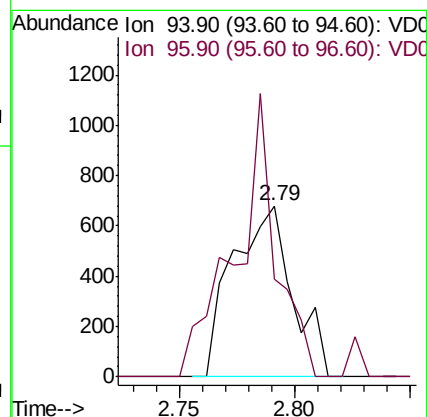
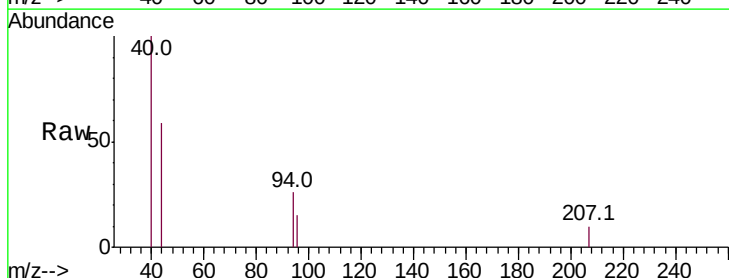
Acq: 25 Sep 2020 19:23

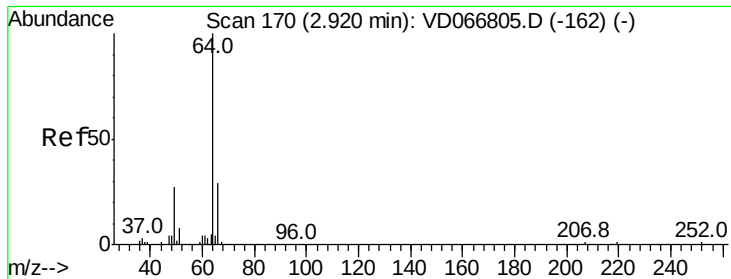
Tgt Ion: 94 Resp: 1227

Ion Ratio Lower Upper

94 100

96 57.6 74.3 111.5#





#6

Chloroethane

Concen: 1.650 ug/l

RT: 2.95 min Scan# 175

Delta R.T. 0.03 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

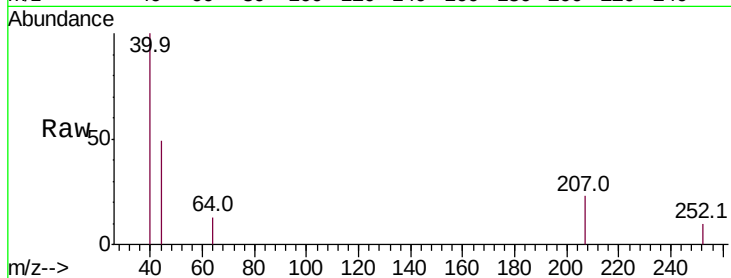
DRUM-COMP-2

Tot Ion: 64 Resp: 170

Ion Ratio Lower Upper

64 100

66 0.0 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.95

300

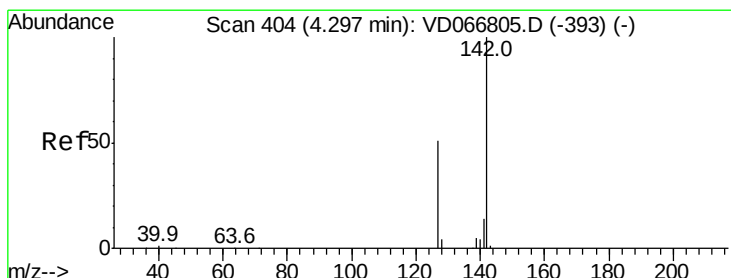
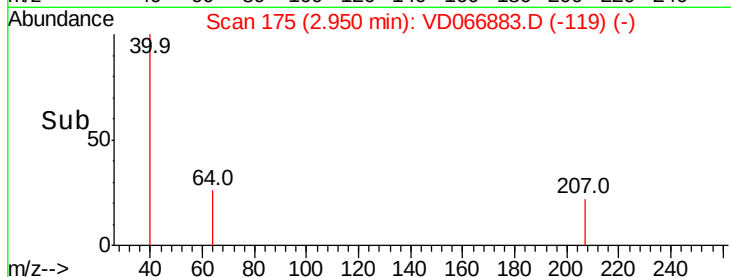
200

100

0

2.94 2.96

Time-->



#10

Methyl Iodide

Concen: 4.948 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

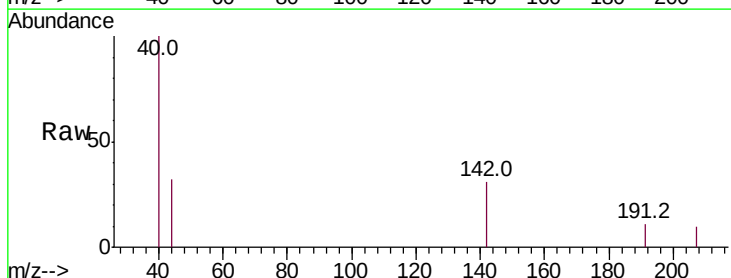
Tgt Ion: 142 Resp: 863

Ion Ratio Lower Upper

142 100

127 53.7 39.4 59.0

141 0.0 12.1 18.1#



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

800

600

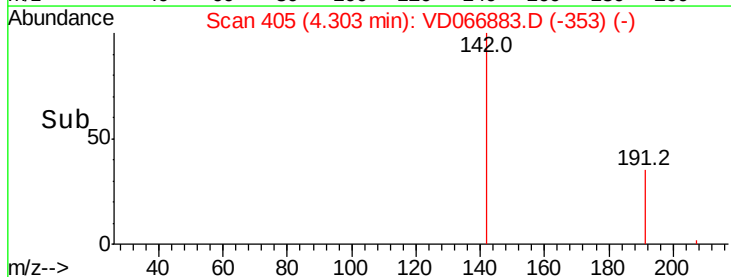
400

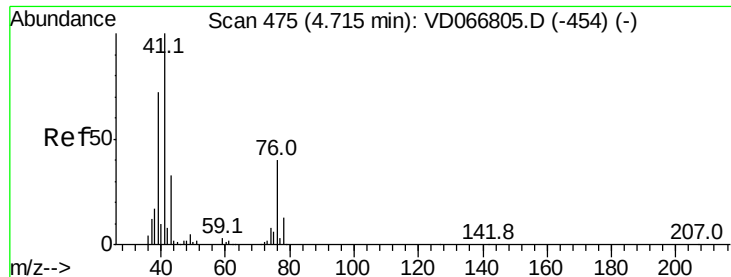
200

0

4.26 4.28 4.30 4.32 4.34

Time-->

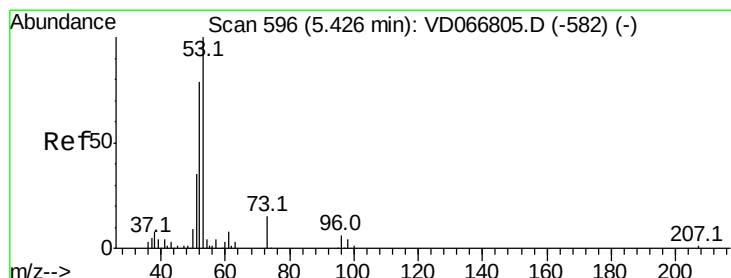
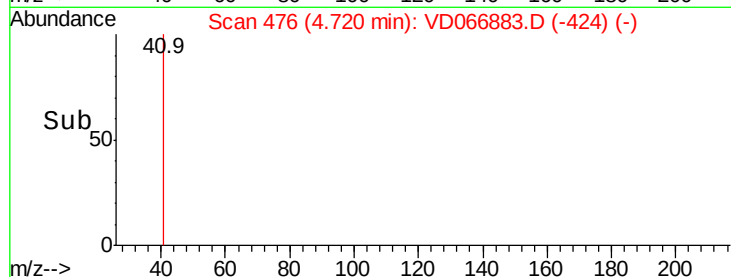
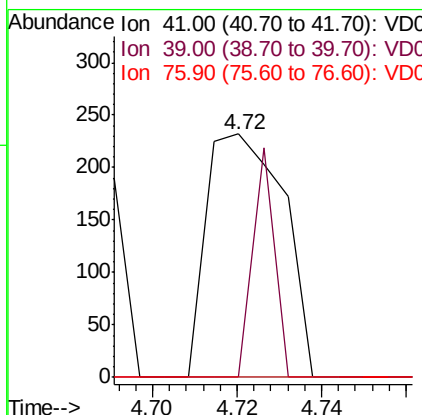
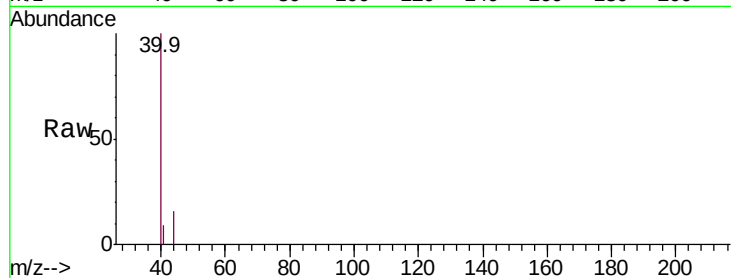




#14
Allvl chloride
Concen: 1.118 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

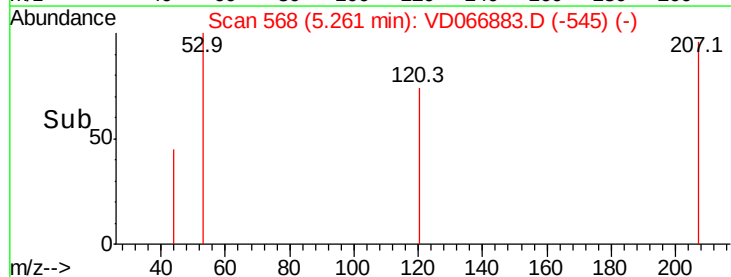
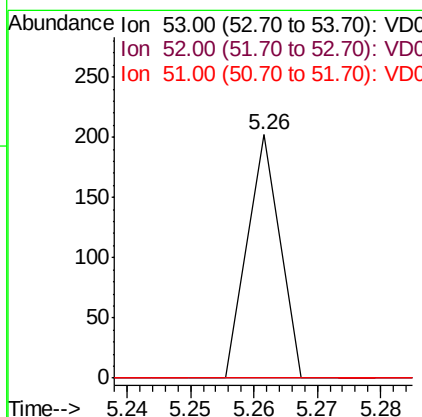
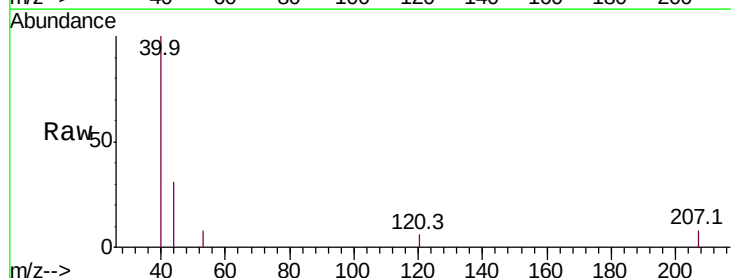
Instrument :
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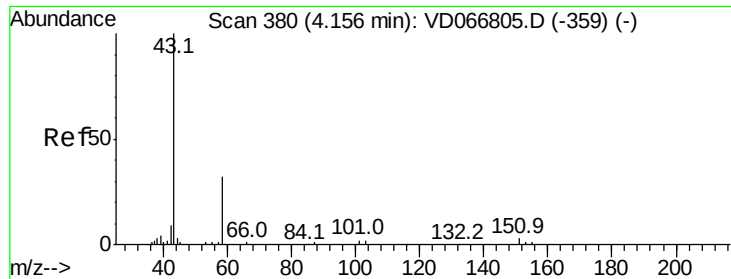
Tot Ion: 41 Resp: 294
Ion Ratio Lower Upper
41 100
39 26.2 57.8 86.8#
76 0.0 30.9 46.3#



#15
Acrylonitrile
Concen: 1.852 ug/l
RT: 5.26 min Scan# 568
Delta R.T. -0.16 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion: 53 Resp: 71
Ion Ratio Lower Upper
53 100
52 0.0 65.2 97.8#
51 0.0 30.6 46.0#





#16

Acetone

Concen: 115.330 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

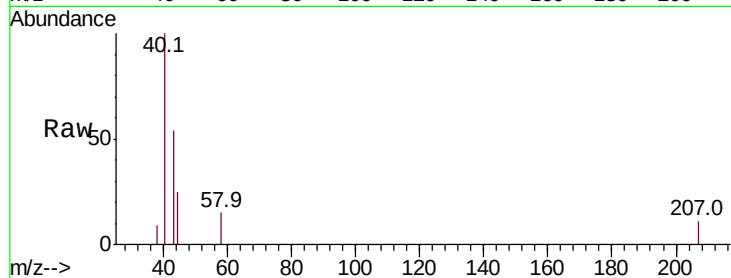
DRUM-COMP-2

Tot Ion: 43 Resp: 4378

Ion Ratio Lower Upper

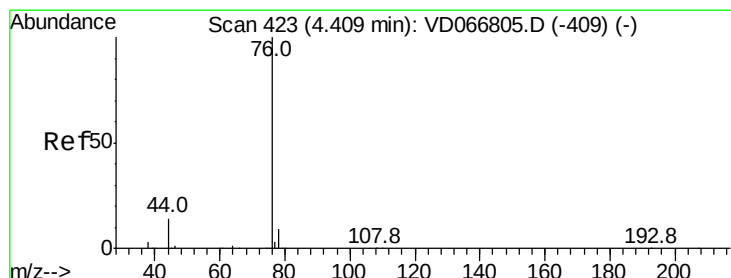
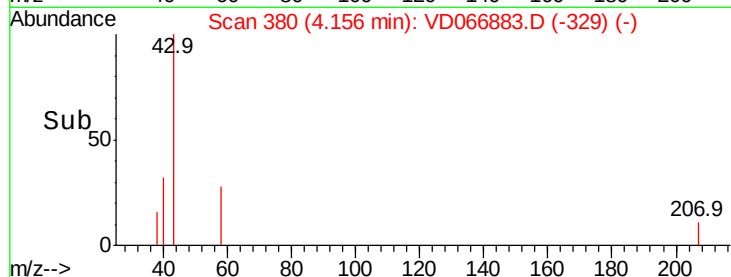
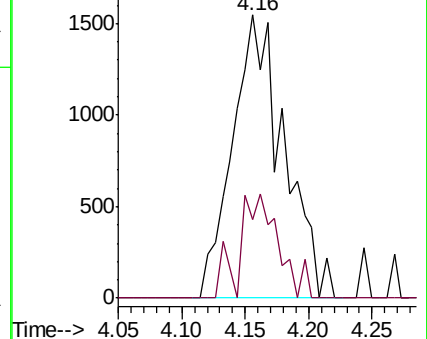
43 100

58 27.7 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 1.334 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066883.D

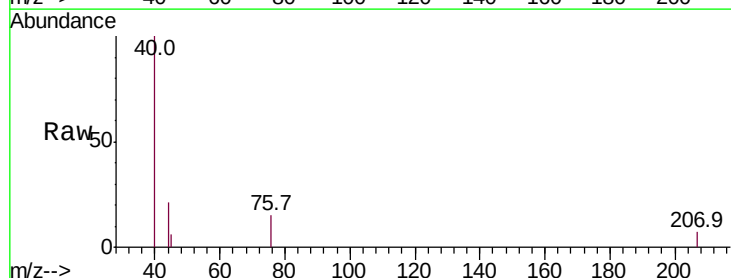
Acq: 25 Sep 2020 19:23

Tgt Ion: 76 Resp: 730

Ion Ratio Lower Upper

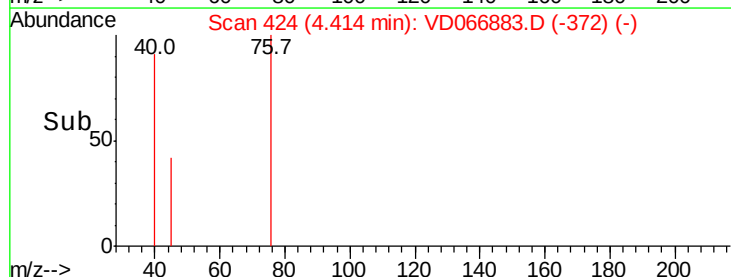
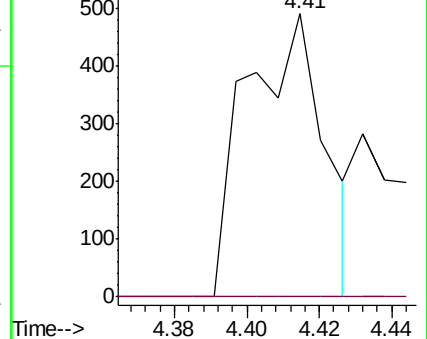
76 100

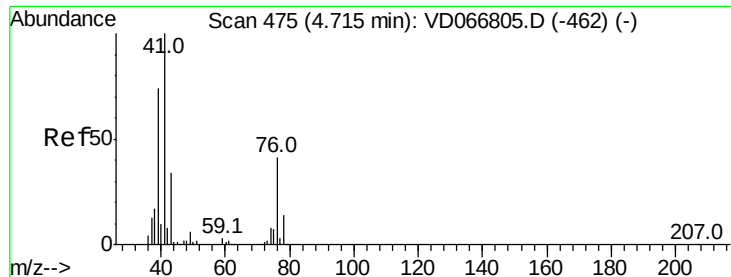
78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

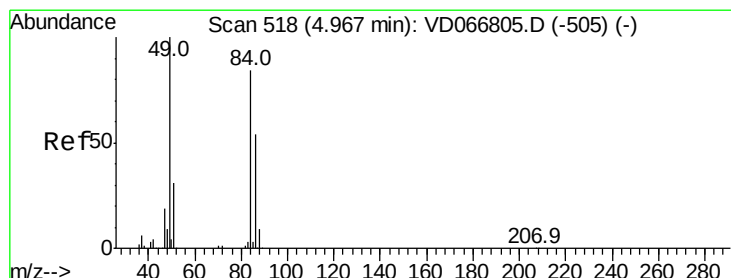
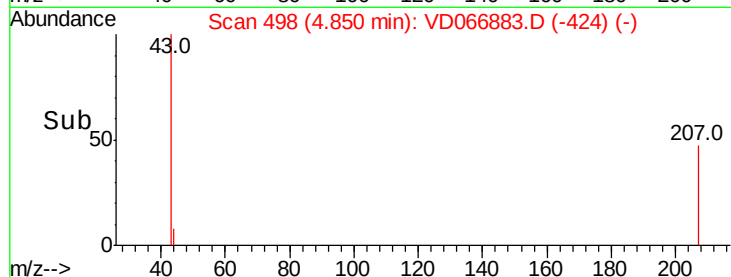
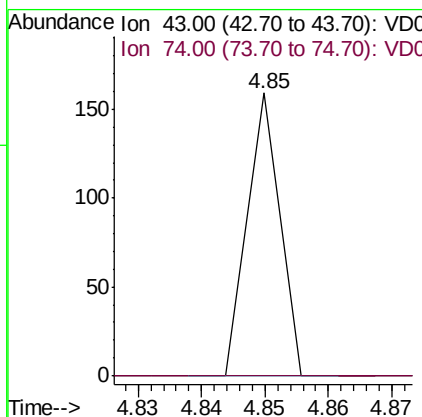
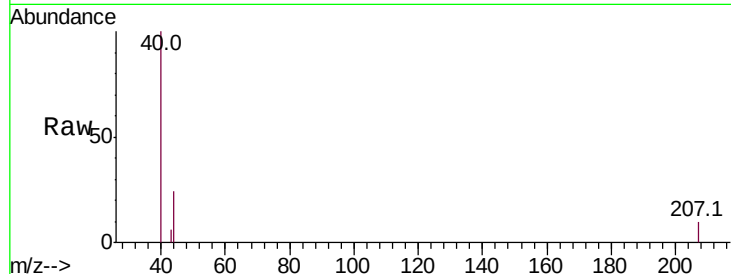




#18
Methyl Acetate
Concen: Below Cal
RT: 4.85 min Scan# 498
Delta R.T. 0.14 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

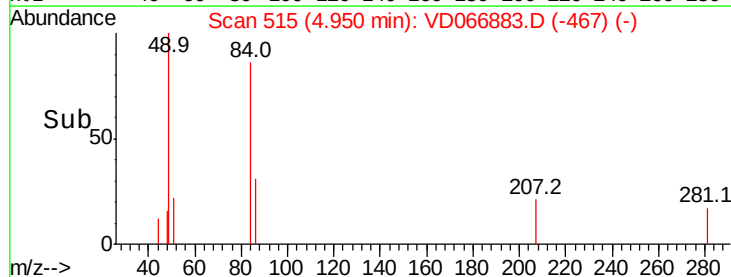
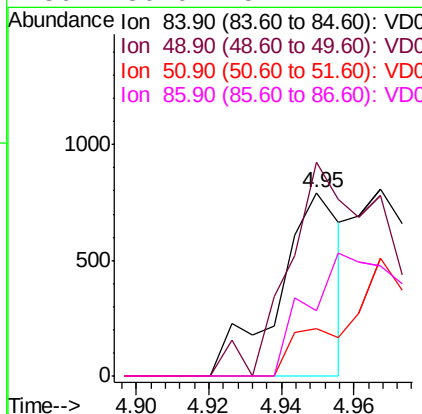
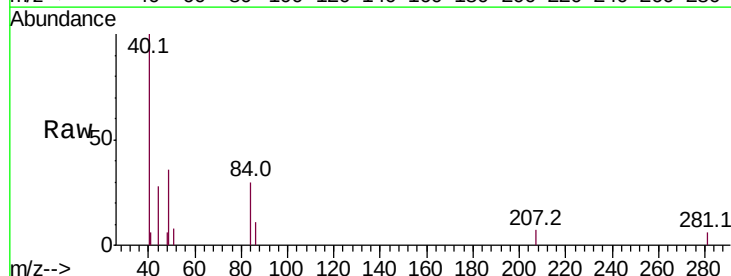
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

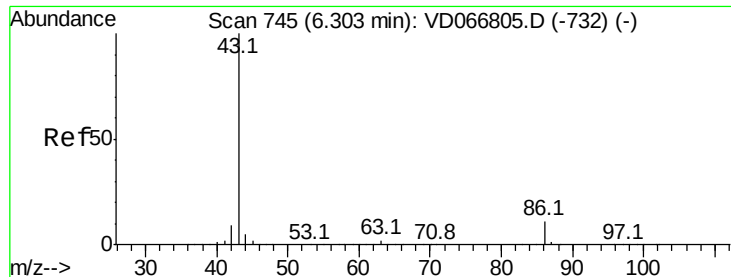
Tot Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.02 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion: 84 Resp: 949
Ion Ratio Lower Upper
84 100
49 116.7 95.4 143.2
51 25.9 29.7 44.5#
86 36.0 51.4 77.2#





#23

Vinyl Acetate

Concen: 3.174 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.05 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleID :

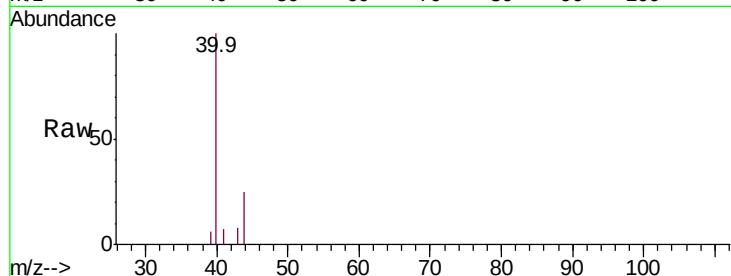
DRUM-COMP-2

Tot Ion: 43 Resp: 149

Ion Ratio Lower Upper

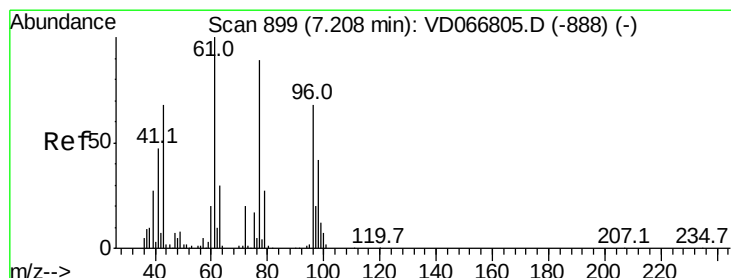
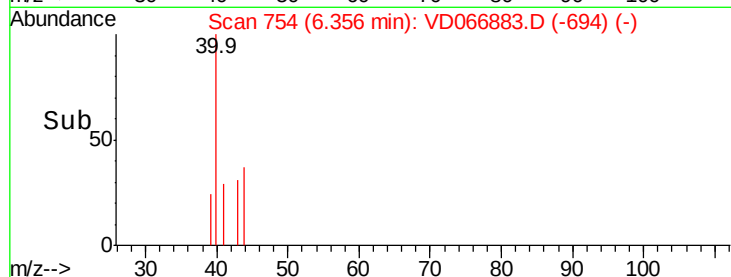
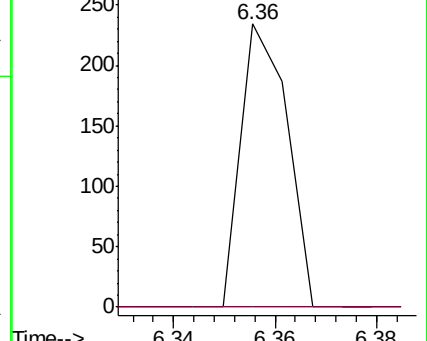
43 100

86 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#25

2-Butanone

Concen: 16.550 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066883.D

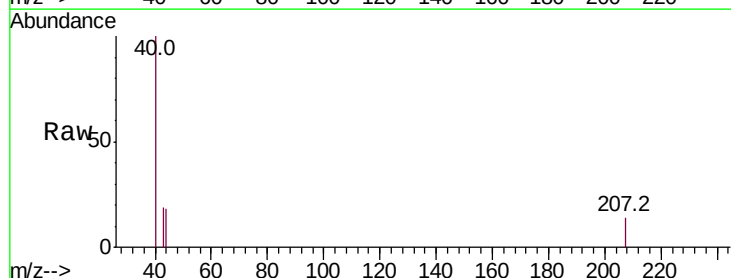
Acq: 25 Sep 2020 19:23

Tgt Ion: 43 Resp: 755

Ion Ratio Lower Upper

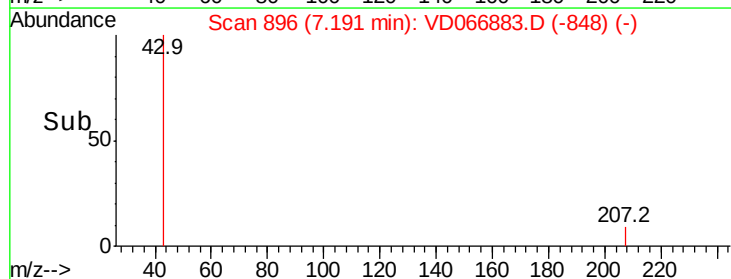
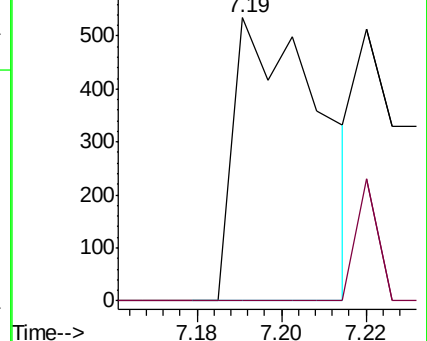
43 100

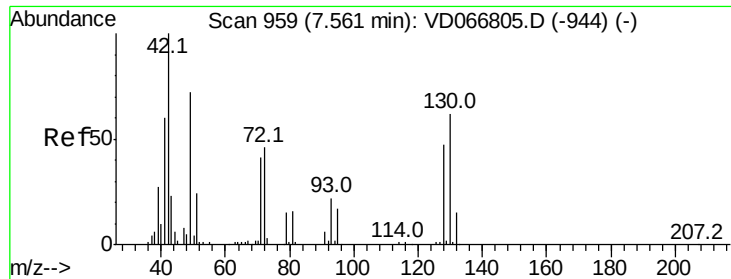
72 0.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 1.916 ug/l

RT: 7.44 min Scan# 939

Delta R.T. -0.12 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

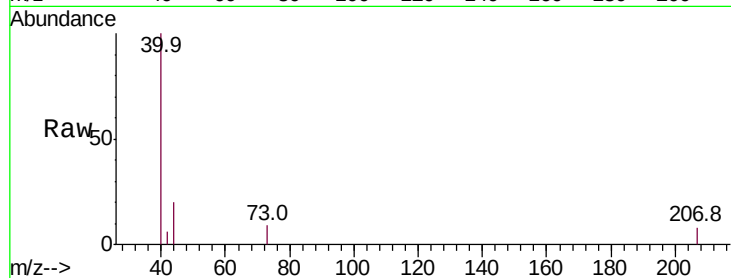
Tot Ion: 42 Resp: 56

Ion Ratio Lower Upper

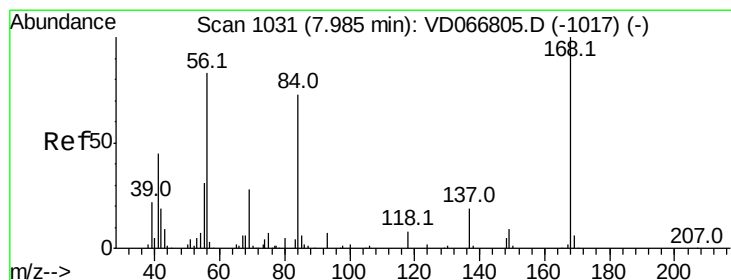
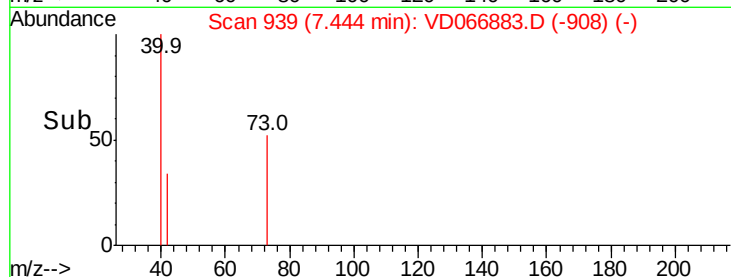
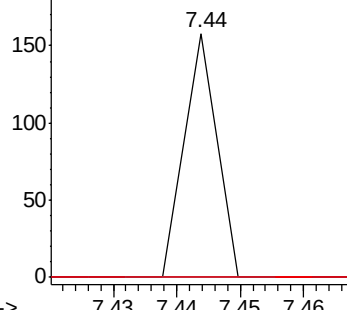
42 100

72 0.0 36.2 54.4#

71 0.0 32.4 48.6#



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



#31

Cyclohexane

Concen: 1.392 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

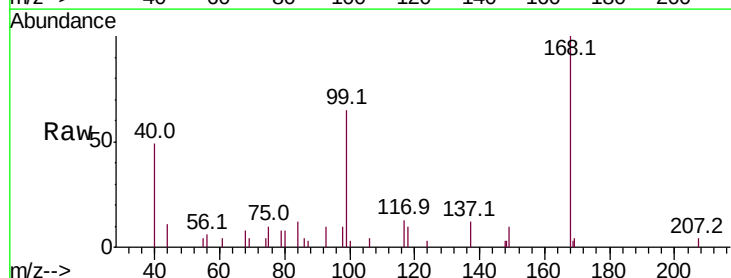
Tgt Ion: 56 Resp: 453

Ion Ratio Lower Upper

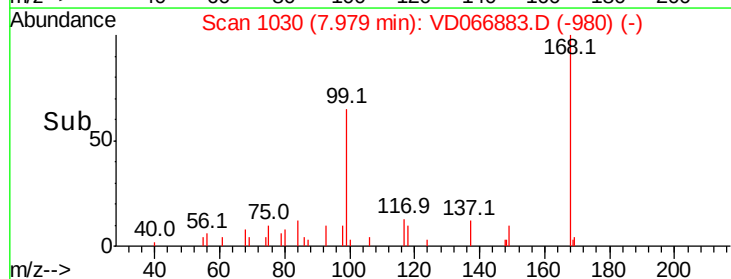
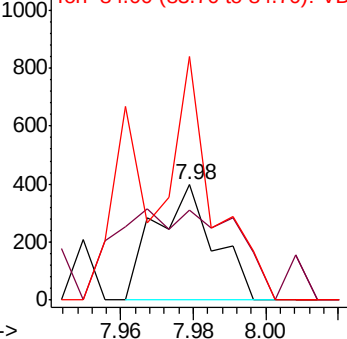
56 100

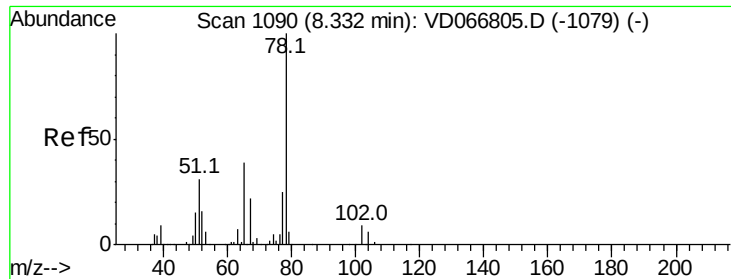
69 78.6 27.0 40.4#

84 211.3 70.2 105.4#



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

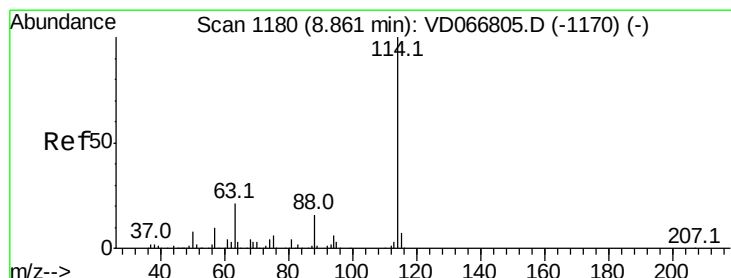
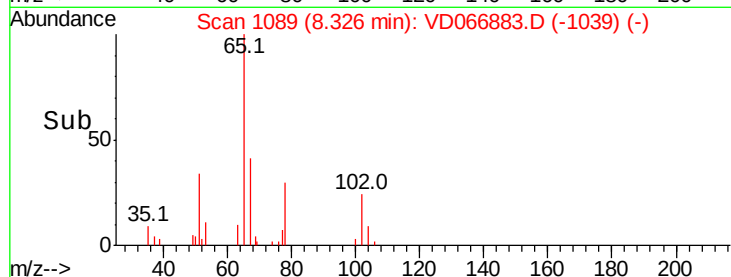
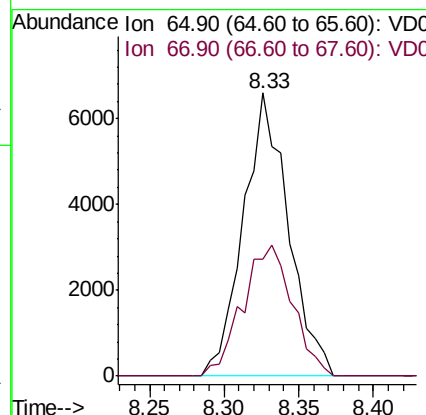
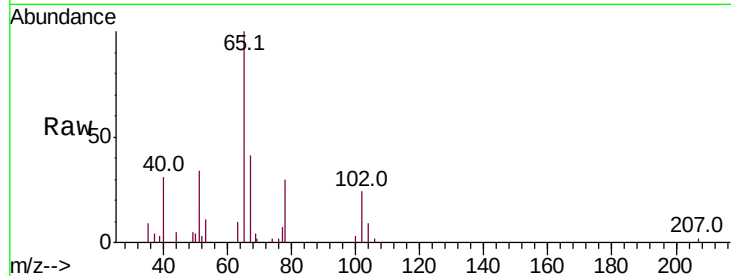




#33
 1,2-Dichloroethane-d4
 Concen: 77.168 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

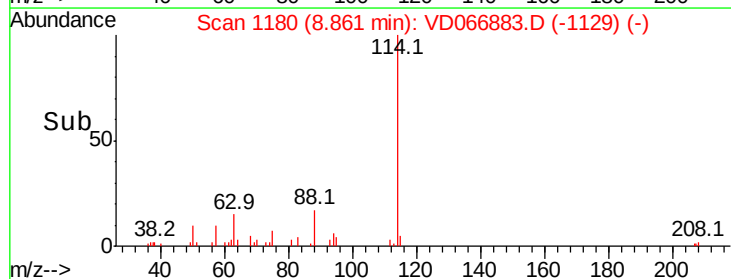
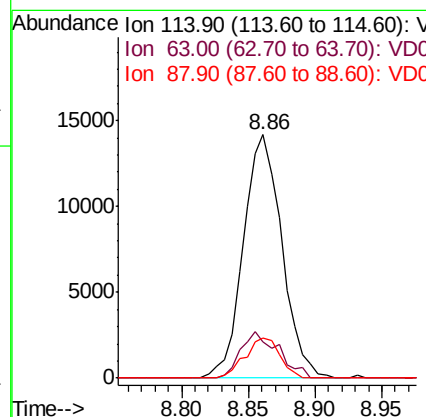
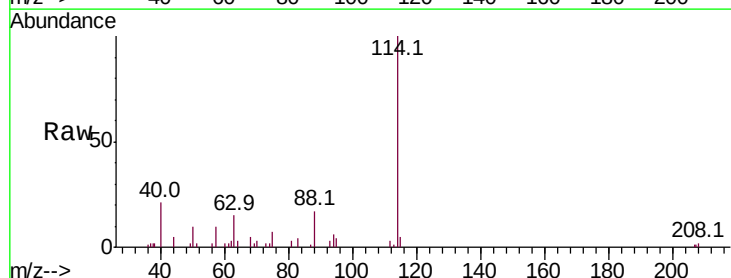
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-2

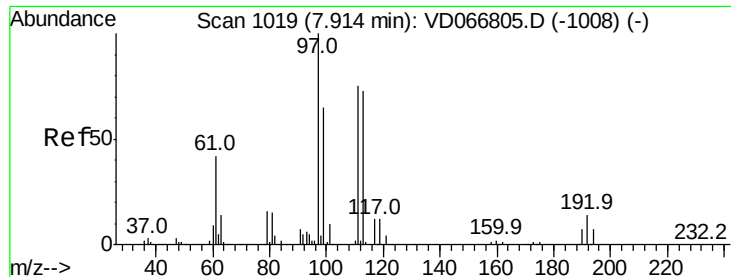
Tot Ion: 65 Resp: 13809
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

Tgt Ion: 114 Resp: 28200
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 42.6
 88 16.7 0.0 32.6

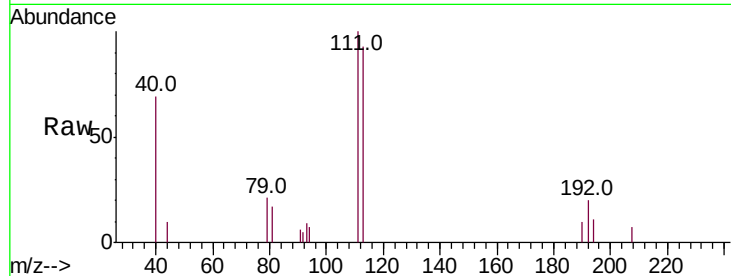




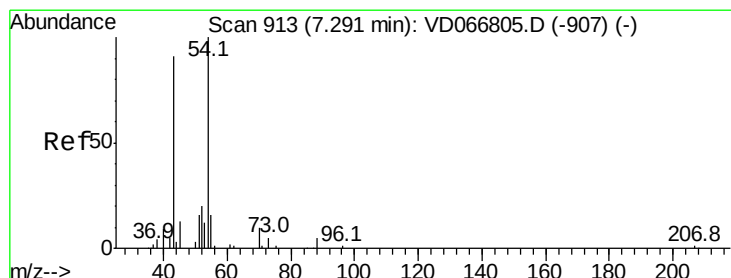
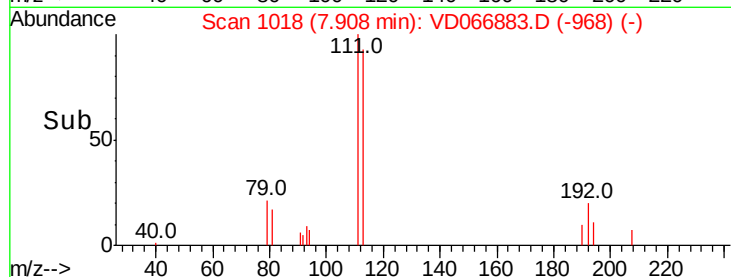
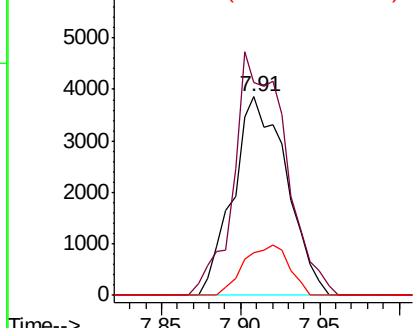
#35
Dibromofluoromethane
Concen: 50.466 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

Tot Ion:113 Resp: 9054
Ion Ratio Lower Upper
113 100
111 117.4 81.8 122.8
192 21.5 14.4 21.6

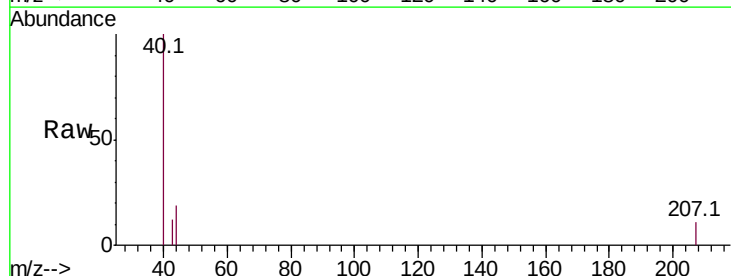


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

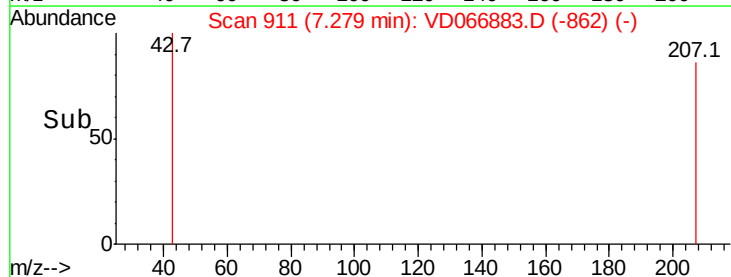
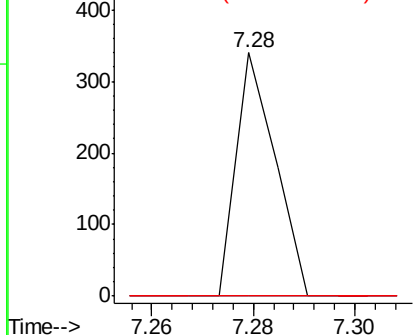


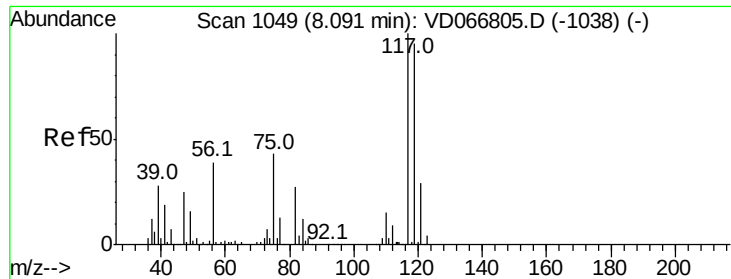
#37
Ethyl Acetate
Concen: 1.809 ug/l
RT: 7.28 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.757 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

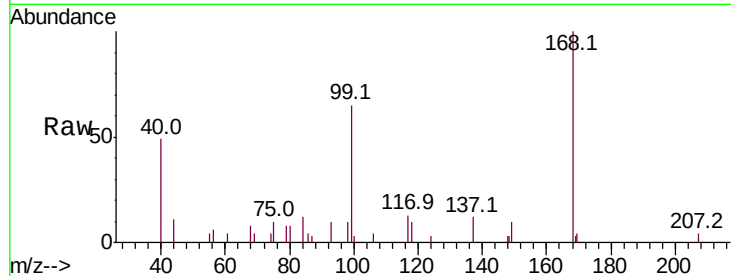
Tot Ion:117 Resp: 1761

Ion Ratio Lower Upper

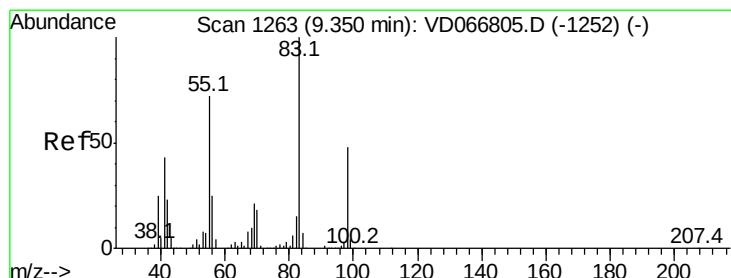
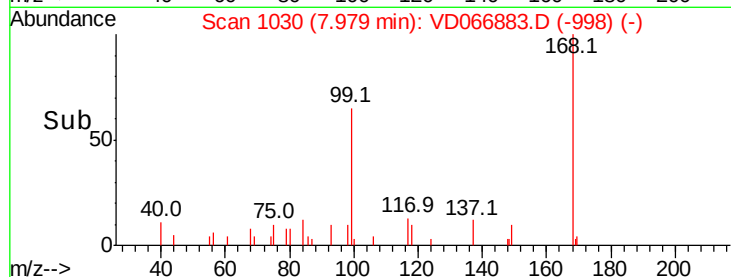
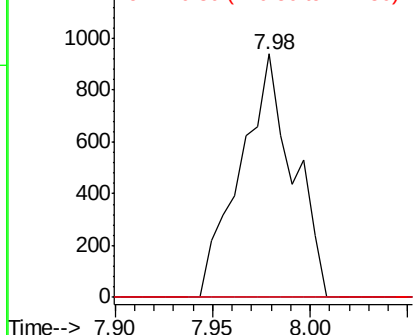
117 100

119 0.0 75.8 113.8#

121 0.0 23.4 35.0#



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: 1.040 ug/l

RT: 9.34 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

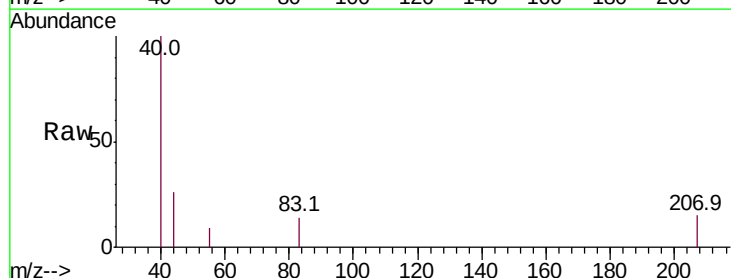
Tgt Ion: 83 Resp: 334

Ion Ratio Lower Upper

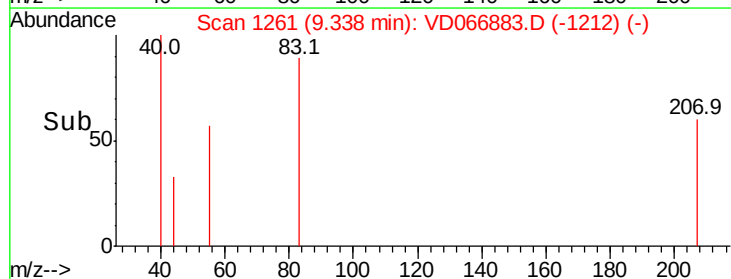
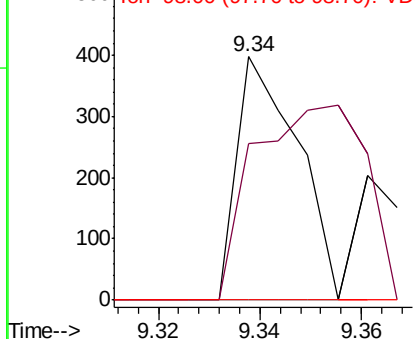
83 100

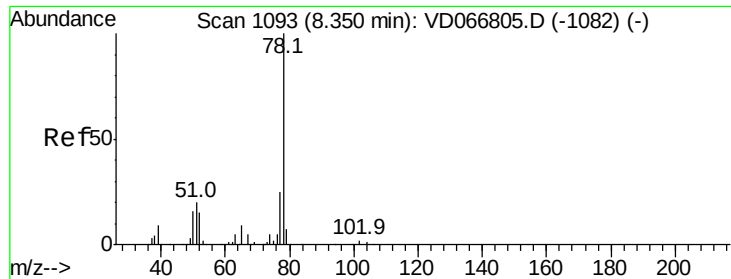
55 64.3 57.7 86.5

98 0.0 38.4 57.6#



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 13.450 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

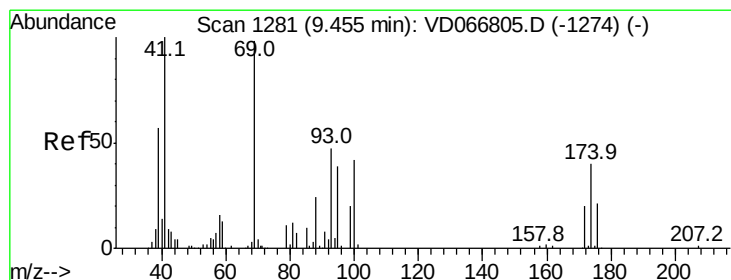
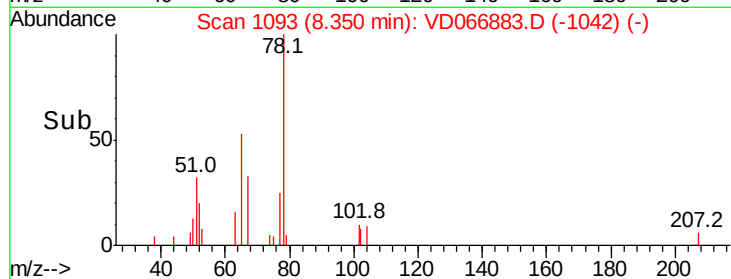
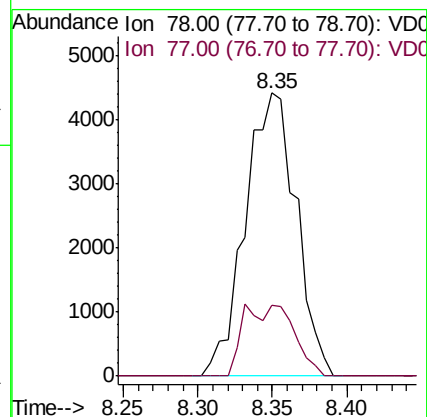
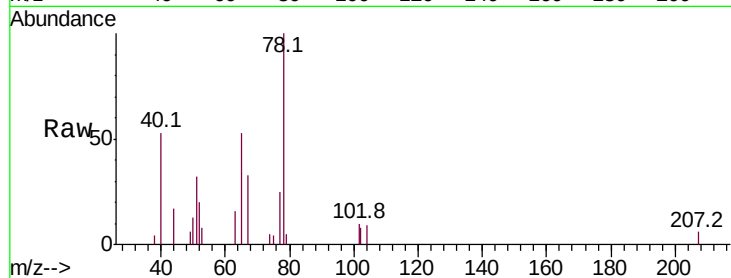
DRUM-COMP-2

Tot Ion: 78 Resp: 10487

Ion Ratio Lower Upper

78 100

77 25.0 19.9 29.9



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

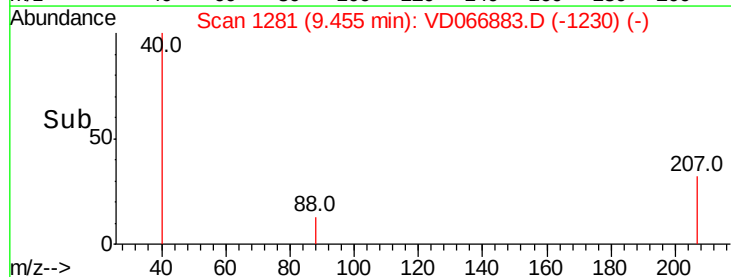
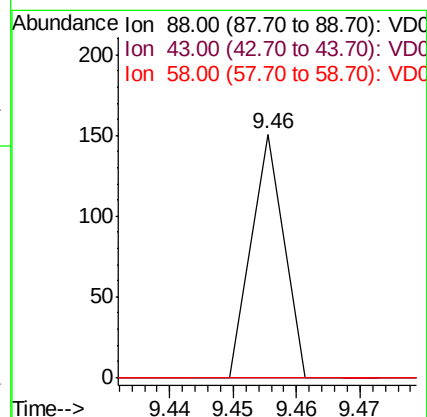
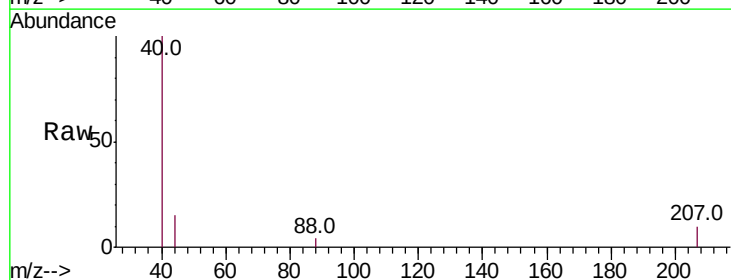
Tgt Ion: 88 Resp: 53

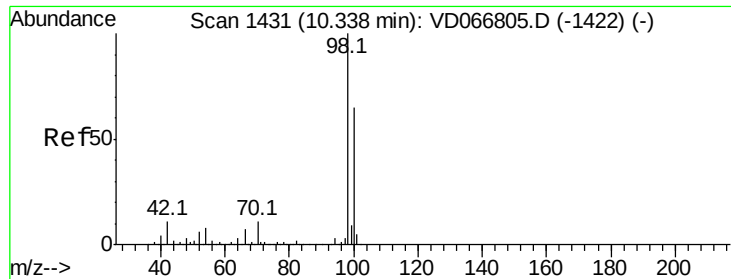
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 55.5 83.3#

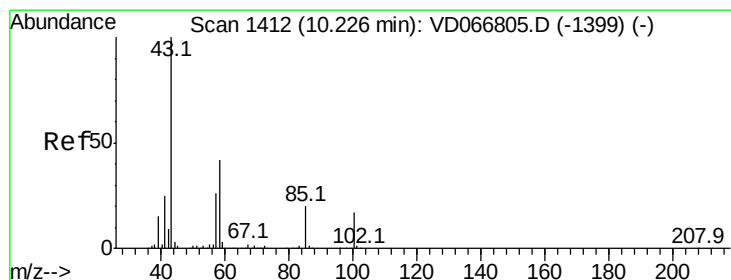
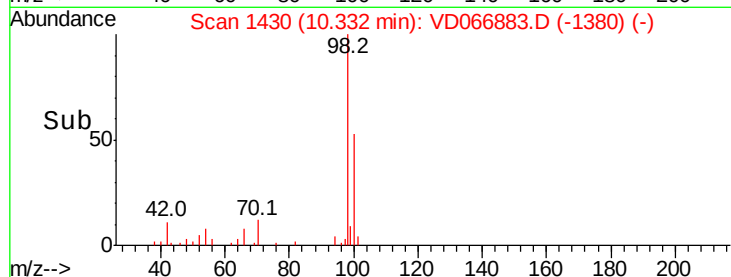
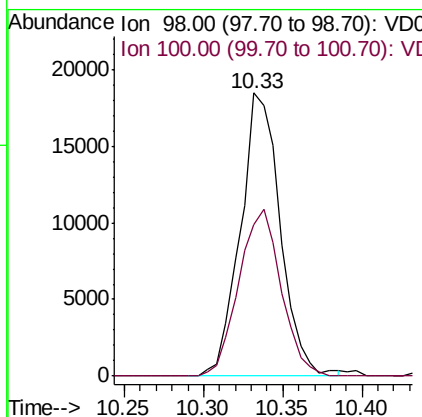
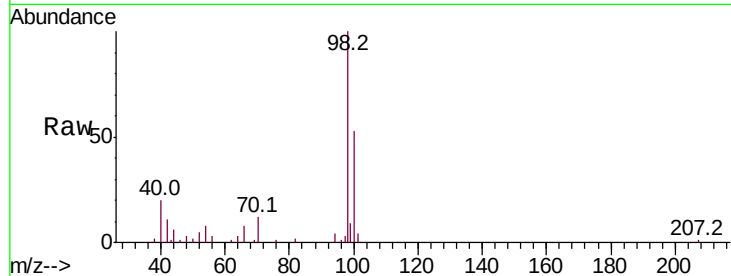




#50
Toluene-d8
Concen: 52.842 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

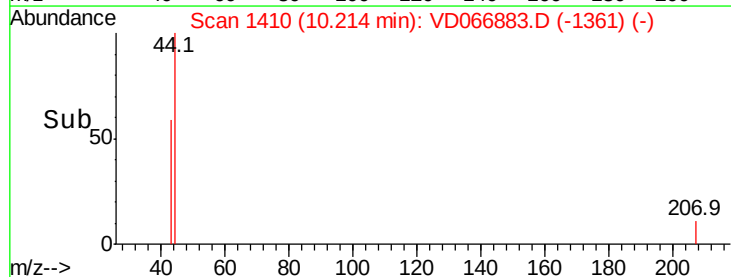
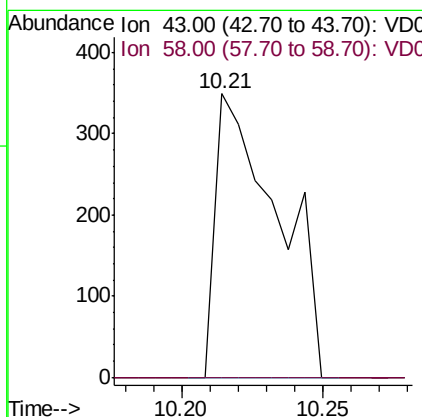
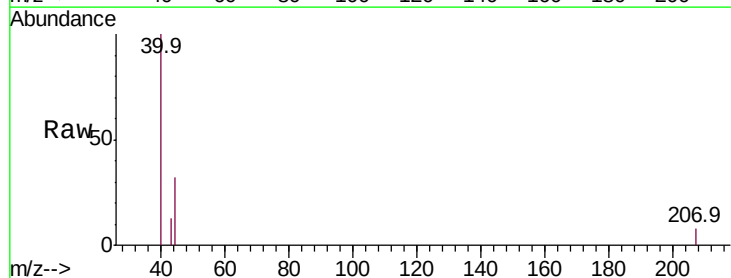
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

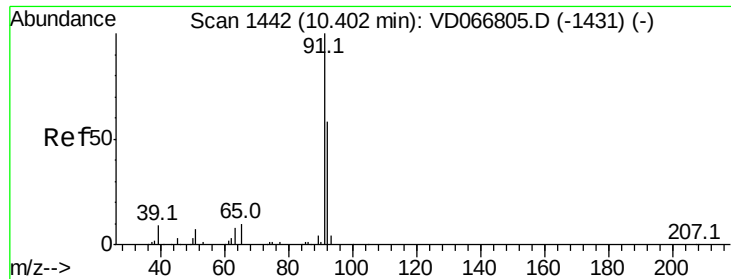
Tot Ion: 98 Resp: 32301
Ion Ratio Lower Upper
98 100
100 62.2 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 5.395 ug/l
RT: 10.21 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#





#52

Toluene

Concen: 25.058 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

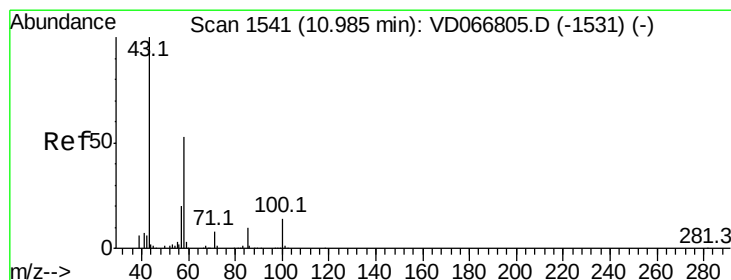
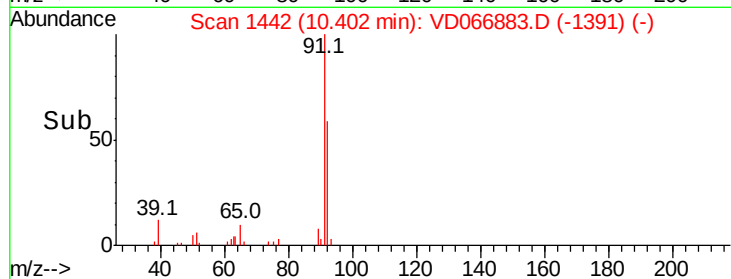
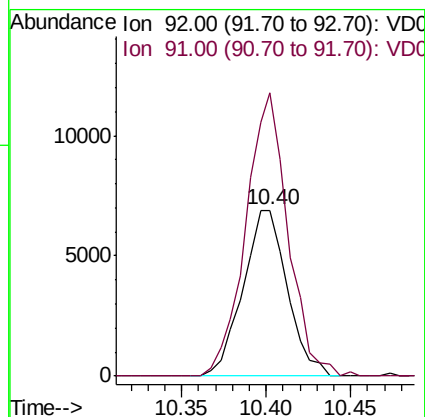
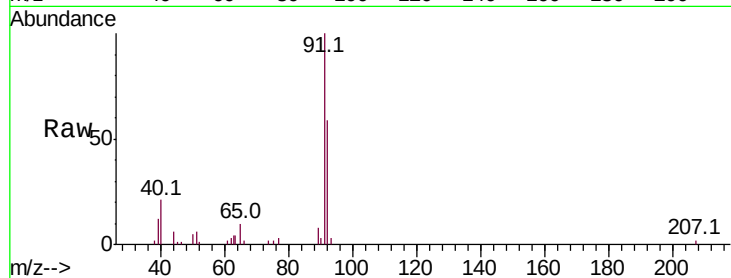
DRUM-COMP-2

Tot Ion: 92 Resp: 12585

Ion Ratio Lower Upper

92 100

91 162.8 134.6 202.0



#59

2-Hexanone

Concen: 1.201 ug/l

RT: 11.00 min Scan# 1543

Delta R.T. 0.01 min

Lab File: VD066883.D

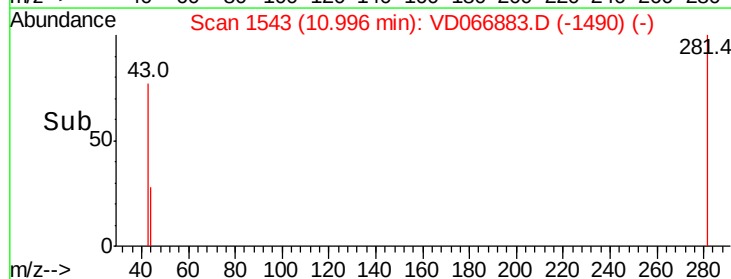
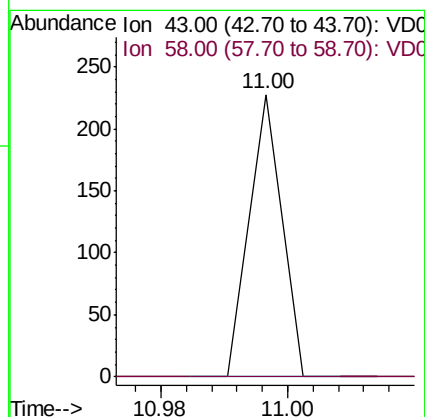
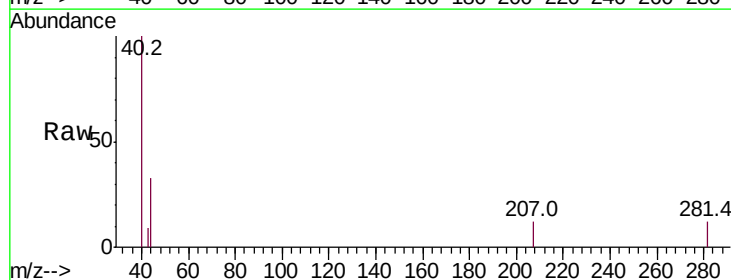
Acq: 25 Sep 2020 19:23

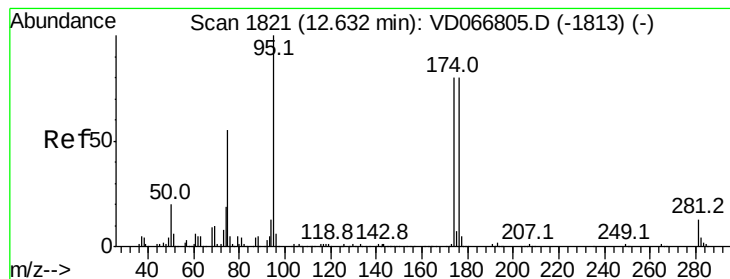
Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

58 0.0 27.0 80.8#





#62

4-Bromofluorobenzene

Concen: 49.832 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

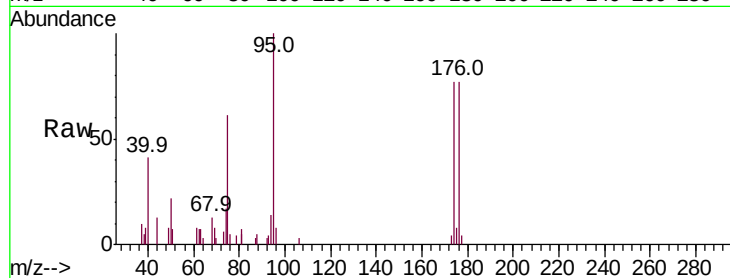
Tot Ion: 95 Resp: 10428

Ion Ratio Lower Upper

95 100

174 85.7 0.0 159.8

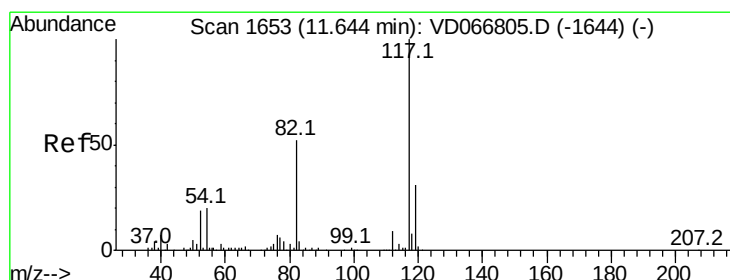
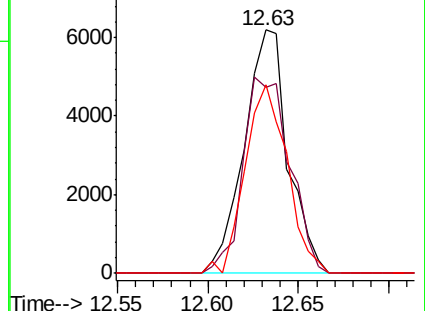
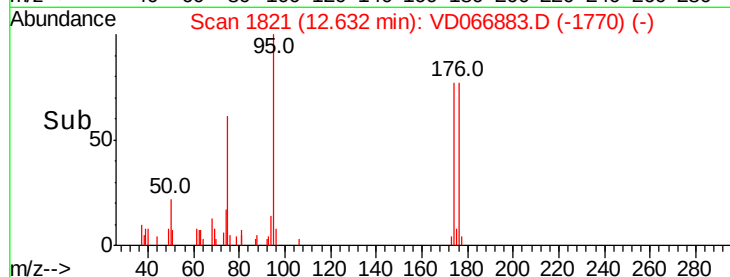
176 74.3 0.0 154.4



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# 1652

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

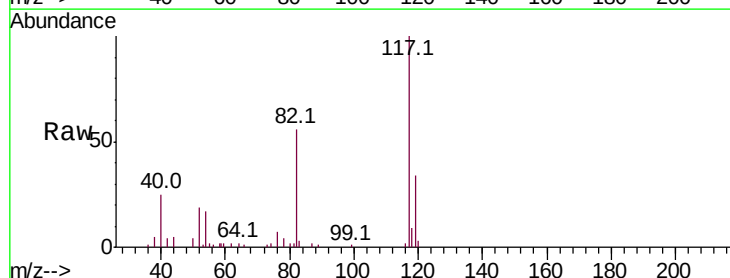
Tgt Ion: 117 Resp: 28000

Ion Ratio Lower Upper

117 100

82 55.8 41.8 62.6

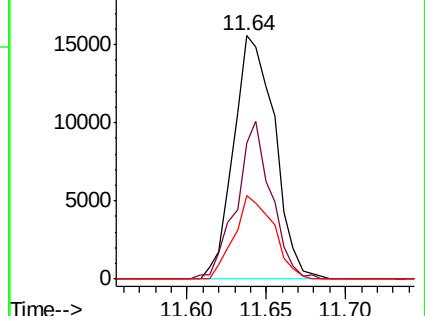
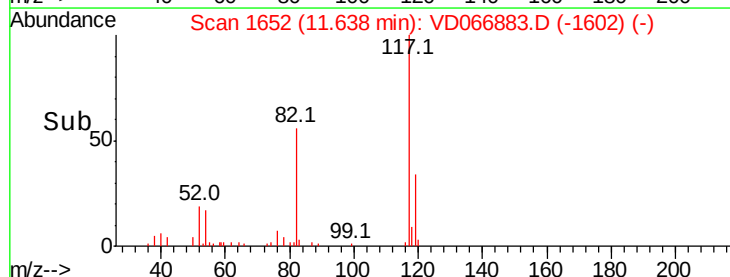
119 34.5 24.6 37.0

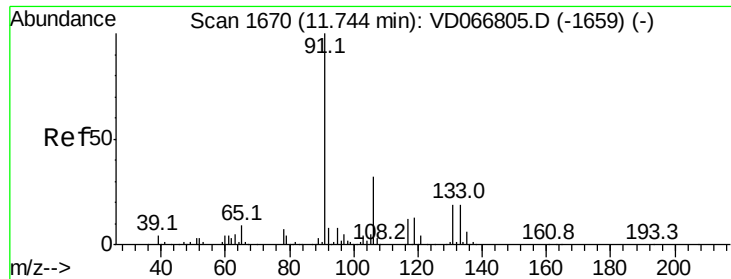


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 3.338 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

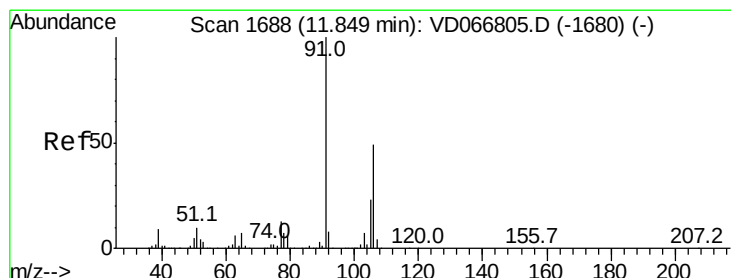
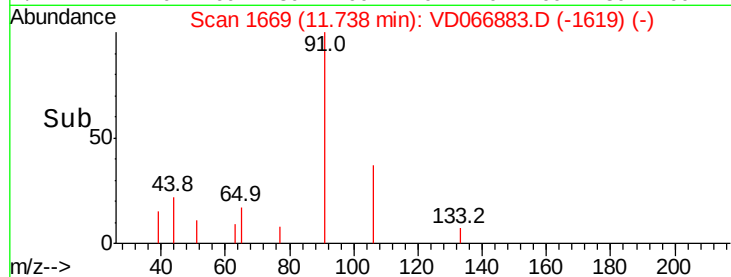
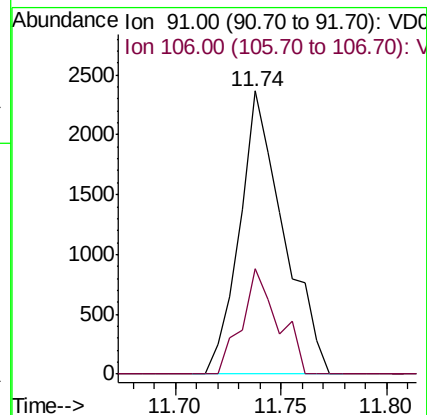
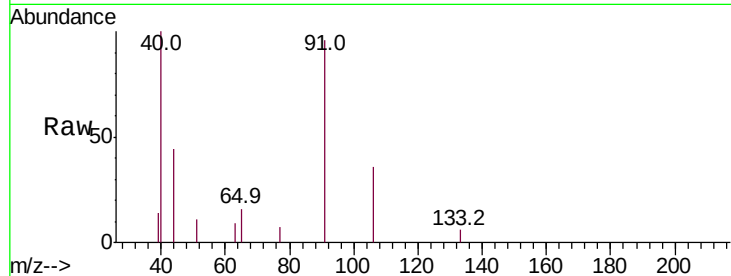
DRUM-COMP-2

Tot Ion: 91 Resp: 3417

Ion Ratio Lower Upper

91 100

106 37.2 25.6 38.4



#68

m/p-Xylenes

Concen: 12.122 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066883.D

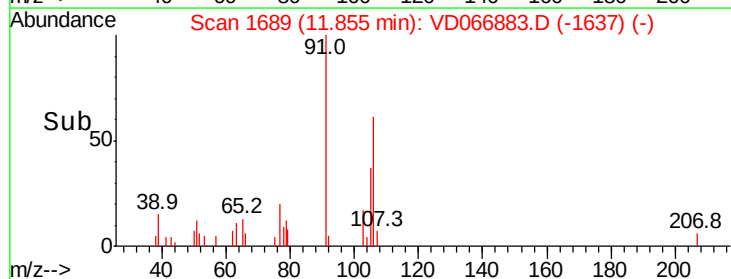
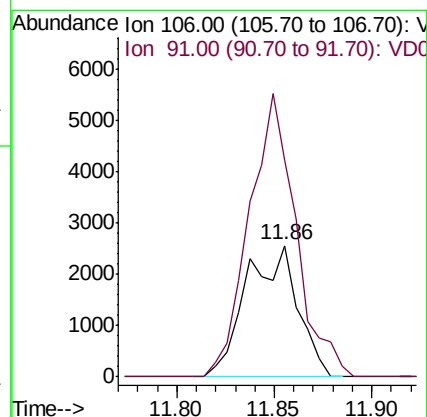
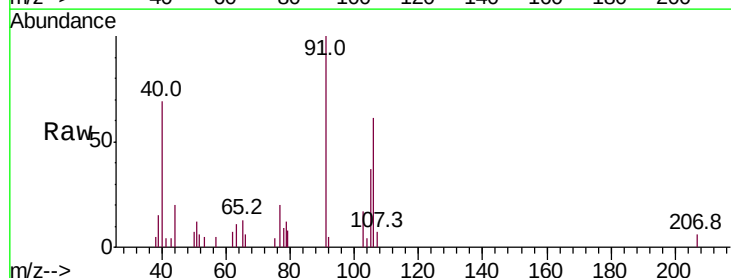
Acq: 25 Sep 2020 19:23

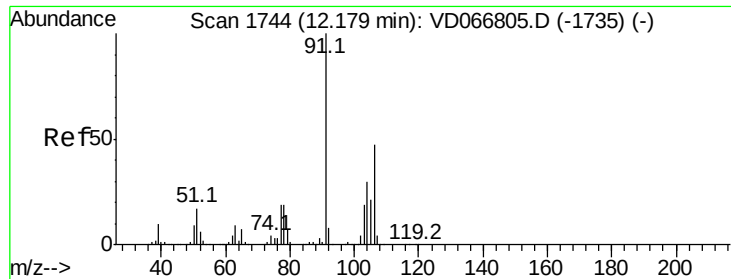
Tgt Ion: 106 Resp: 4698

Ion Ratio Lower Upper

106 100

91 194.9 160.7 241.1

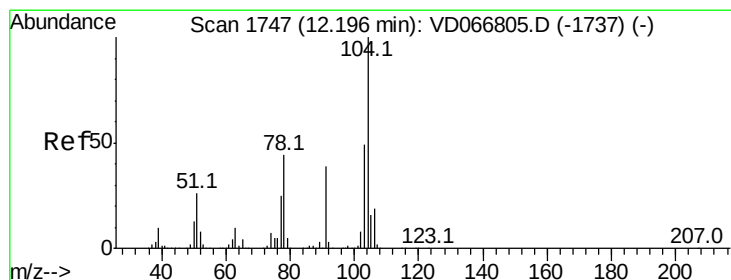
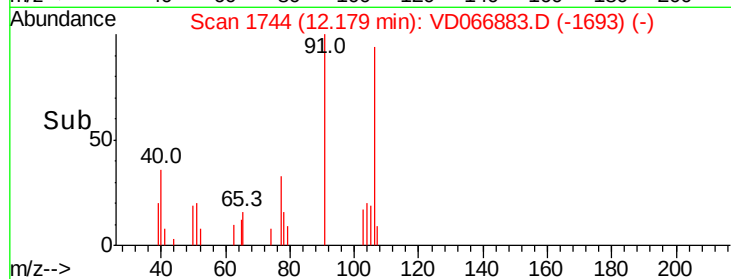
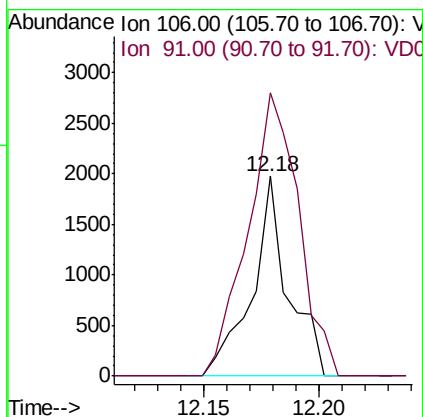
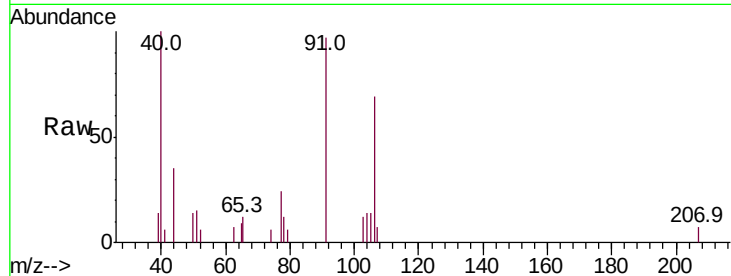




#69
o-Xylene
Concen: 6.124 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

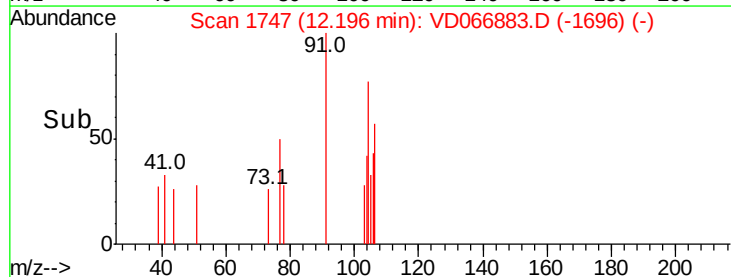
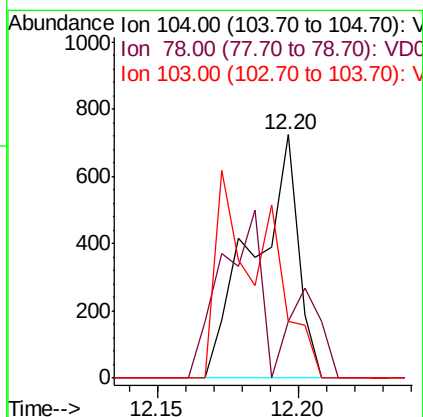
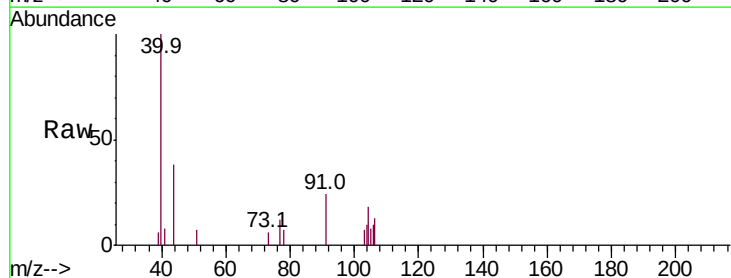
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

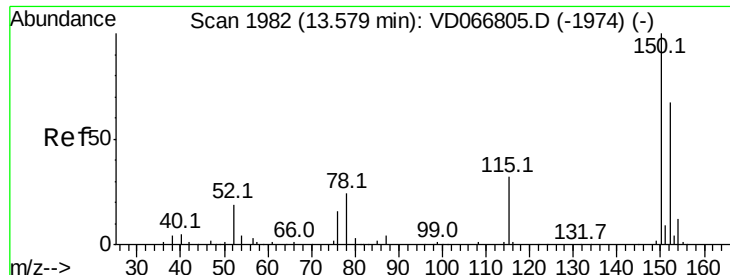
Tot Ion:106 Resp: 2146
Ion Ratio Lower Upper
106 100
91 199.3 106.3 318.8



#70
Styrene
Concen: 1.305 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion:104 Resp: 794
Ion Ratio Lower Upper
104 100
78 19.4 38.9 58.3#
103 0.0 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

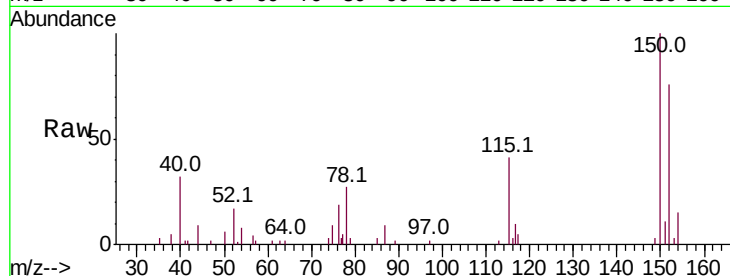
Tot Ion:152 Resp: 11749

Ion Ratio Lower Upper

152 100

115 55.4 30.3 91.0

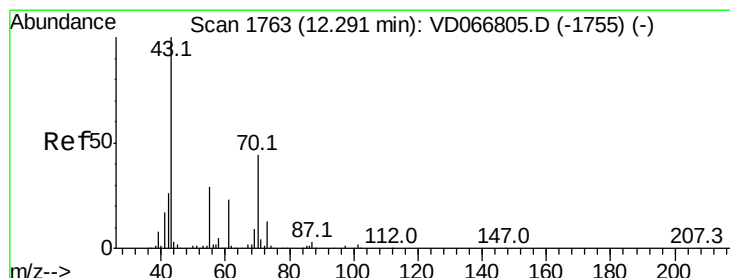
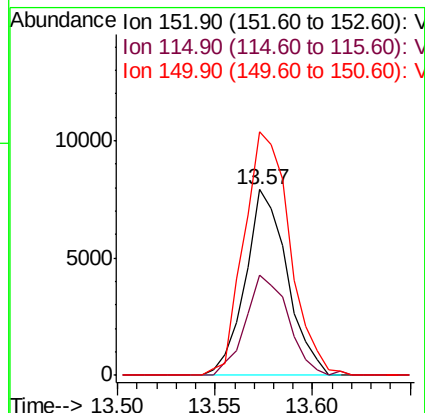
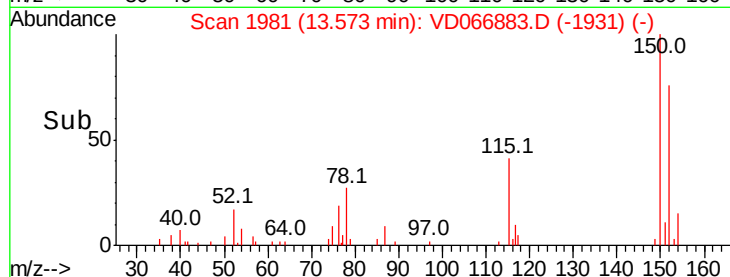
150 144.1 0.0 346.2



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



#74

N-amil acetate

Concen: 4.296 ug/l

RT: 12.24 min Scan# 1755

Delta R.T. -0.05 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Tgt Ion: 43 Resp: 712

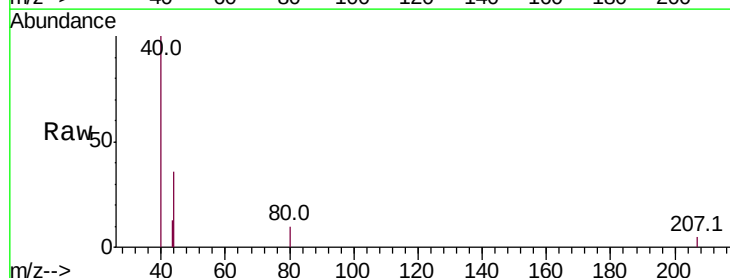
Ion Ratio Lower Upper

43 100

70 0.0 36.1 54.1#

55 0.0 21.8 32.8#

61 0.0 19.0 28.4#

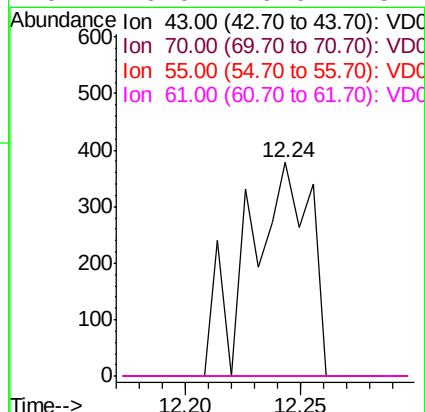
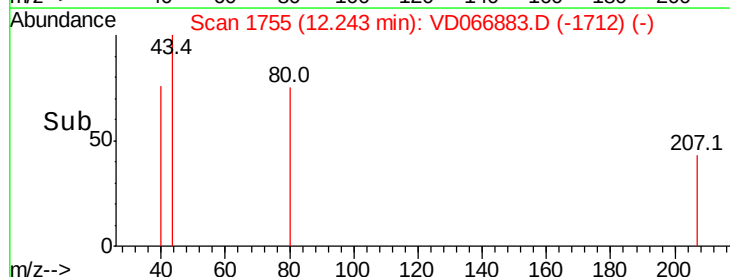


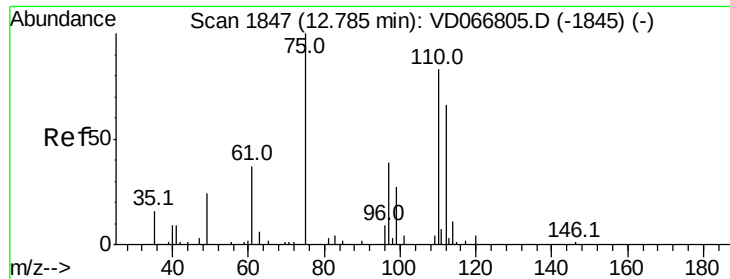
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

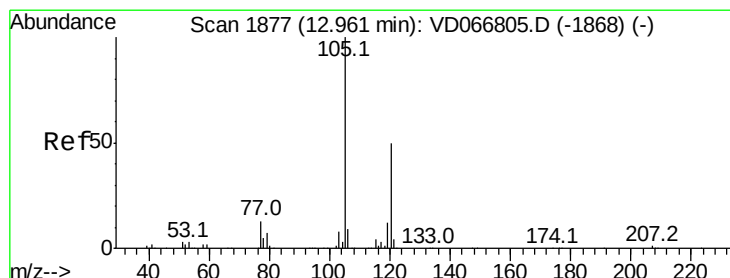
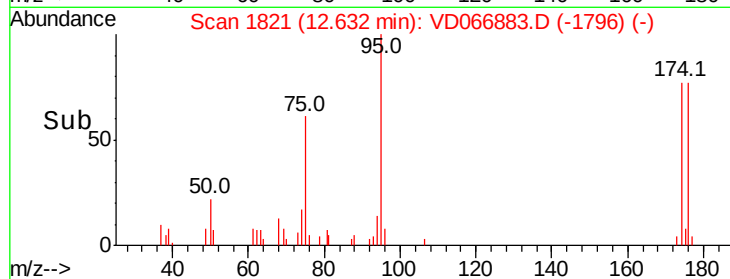
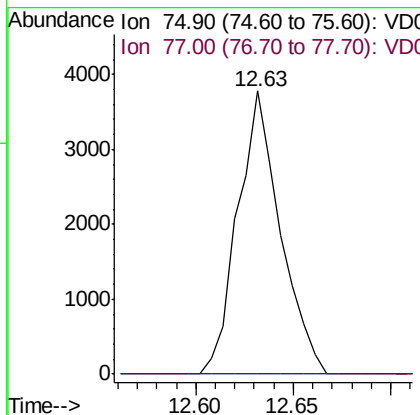
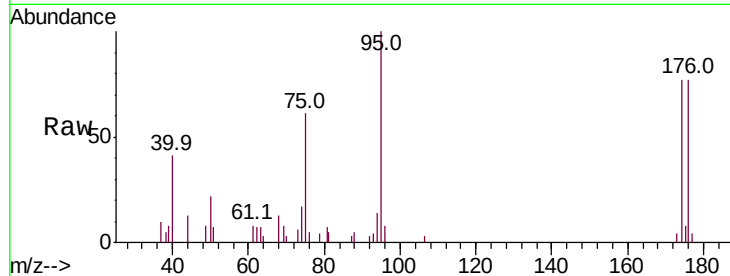




#76
 1,2,3-Trichloropropane
 Concen: 58.686 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

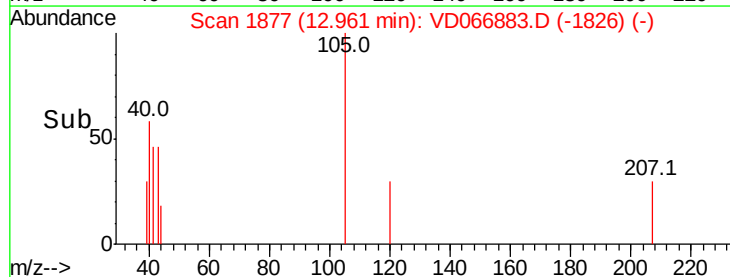
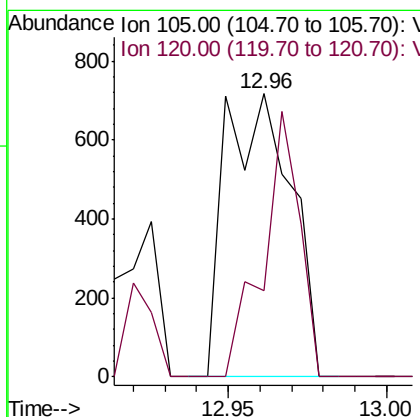
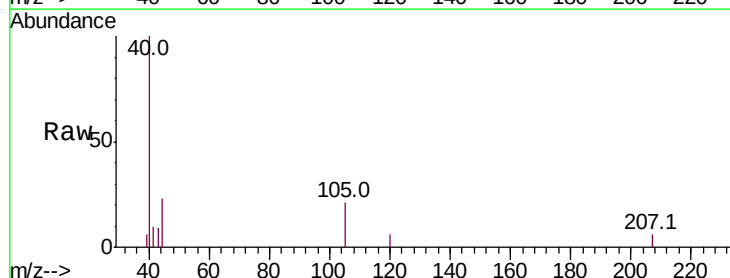
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-2

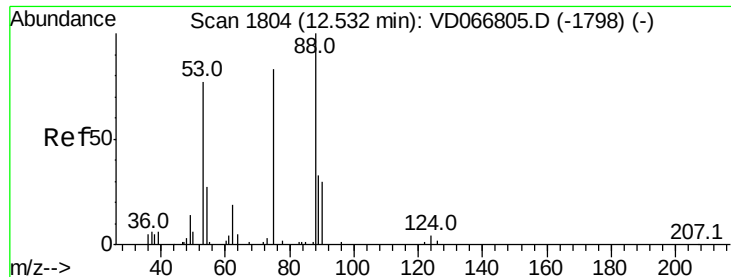
Tot Ion: 75 Resp: 5714
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.429 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

Tgt Ion:105 Resp: 1029
 Ion Ratio Lower Upper
 105 100
 120 52.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 146.826 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

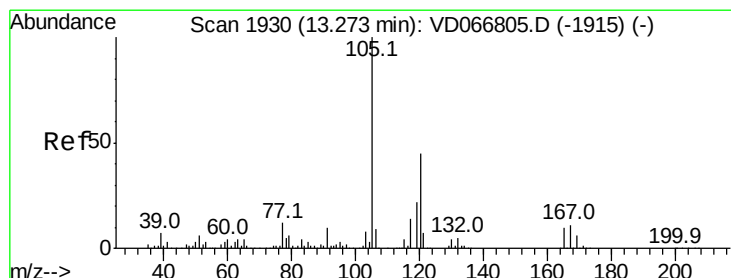
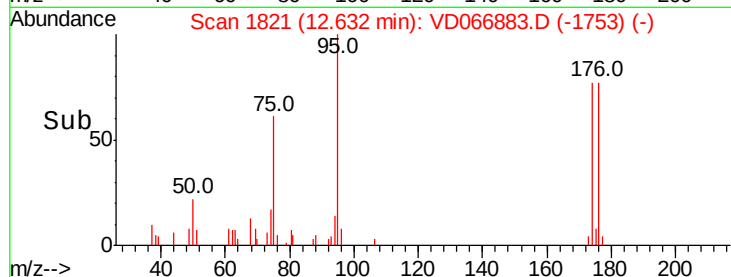
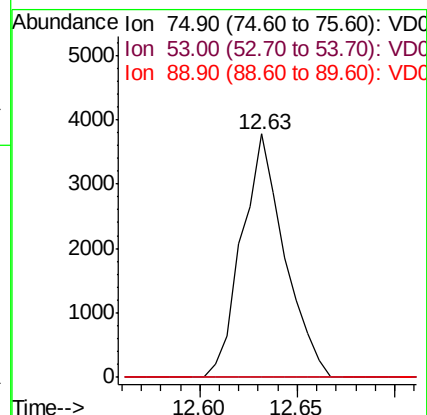
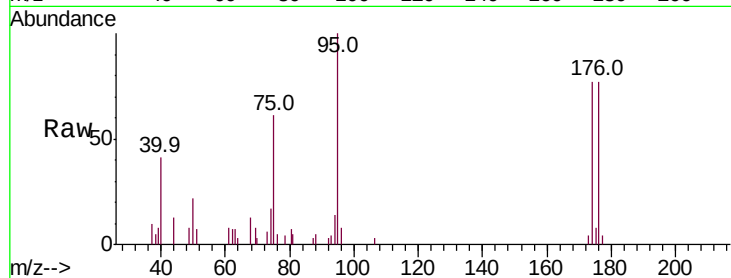
Tot Ion: 75 Resp: 5714

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 38.1 57.1#



#84

1,2,4-Trimethylbenzene

Concen: 2.459 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066883.D

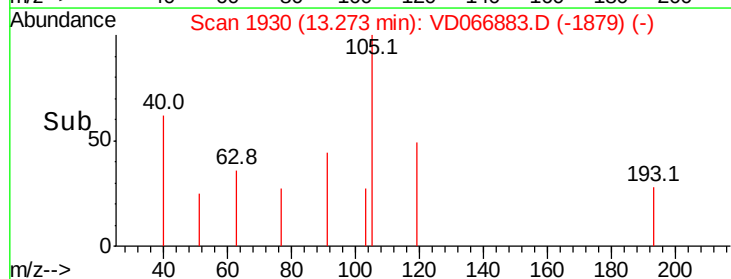
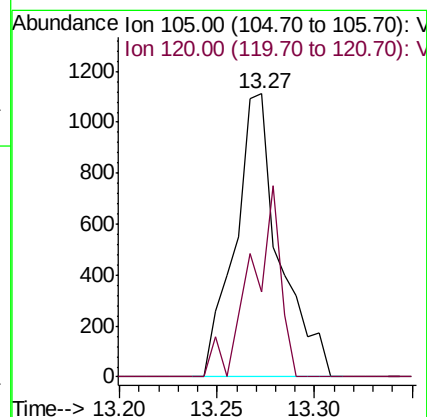
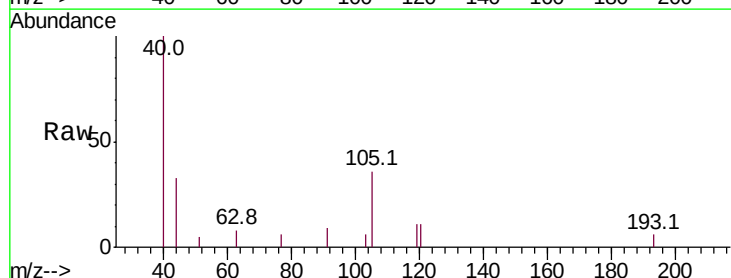
Acq: 25 Sep 2020 19:23

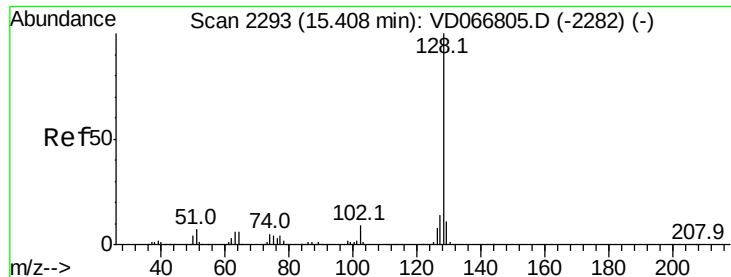
Tgt Ion:105 Resp: 1756

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#95

Naphthalene

Concen: 23.464 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

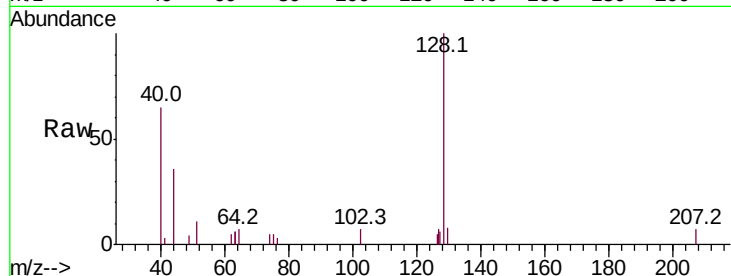
Tot Ion:128 Resp: 8414

Ion Ratio Lower Upper

128 100

127 11.6 10.6 16.0

129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

