

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066882.D
 Acq On : 25 Sep 2020 18:56
 Operator : VA/SY
 Sample : L4129-16
 Misc : 7.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-1

Quant Time: Sep 26 03:02:40 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	7.98	168	23218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	36656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	39437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	16853	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	17848	78.54	ug/l	0.00
Spiked Amount			Recovery	=	157.08%	
35) Dibromofluoromethane	7.91	113	13868	59.47	ug/l	0.00
Spiked Amount			Recovery	=	118.94%	
50) Toluene-d8	10.33	98	44630	56.17	ug/l	0.00
Spiked Amount			Recovery	=	112.34%	
62) 4-Bromofluorobenzene	12.63	95	16187	59.51	ug/l	0.00
Spiked Amount			Recovery	=	119.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	211	Below Cal	#	46
3) Chloromethane	2.20	50	887	4.158	ug/l	97
4) Vinyl Chloride	2.34	62	469	2.225	ug/l #	41
5) Bromomethane	2.79	94	1115	7.527	ug/l #	75
6) Chloroethane	2.94	64	214	1.635	ug/l #	46
7) Trichlorofluoromethane	3.27	101	687	1.587	ug/l #	48
9) 1,1,2-Trichlorotrifluoroet	4.10	101	429	1.709	ug/l #	57
10) Methyl Iodide	4.31	142	1025	4.628	ug/l #	45
11) Tert butyl alcohol	5.20	59	134	Below Cal	#	72
12) 1,1-Dichloroethene	4.06	96	467	2.054	ug/l #	22
13) Acrolein	3.95	56	54	3.221	ug/l #	12
15) Acrylonitrile	5.43	53	192	3.943	ug/l #	41
16) Acetone	4.15	43	6249	129.628	ug/l #	75
17) Carbon Disulfide	4.42	76	2560	3.683	ug/l #	74
18) Methyl Acetate	4.71	43	546	1.561	ug/l #	50
19) Methyl tert-butyl Ether	5.47	73	688	1.393	ug/l #	54
20) Methylene Chloride	4.95	84	1072	Below Cal	#	70
23) Vinyl Acetate	6.30	43	70	2.858	ug/l #	71
24) 1,1-Dichloroethane	6.27	63	667	1.452	ug/l #	82
25) 2-Butanone	7.20	43	1987	34.299	ug/l #	46
29) Tetrahydrofuran	7.33	42	63	1.697	ug/l #	33
30) Chloroform	7.71	83	909	1.836	ug/l #	79
31) Cyclohexane	7.97	56	1512	3.659	ug/l #	70
32) 1,1,1-Trichloroethane	7.88	97	553	1.235	ug/l #	41
36) 1,1-Dichloropropene	8.11	75	496	1.364	ug/l #	41
40) Benzene	8.34	78	8444	8.331	ug/l	93
44) Trichloroethene	9.11	130	840	2.908	ug/l	75
48) Methyl methacrylate	9.44	41	286	2.289	ug/l #	28
51) 4-Methyl-2-Pentanone	10.23	43	1105	8.604	ug/l #	82
52) Toluene	10.40	92	7154	10.958	ug/l	96
59) 2-Hexanone	10.98	43	437	5.046	ug/l #	44
64) Tetrachloroethene	10.87	164	429	1.512	ug/l #	58
67) Ethyl Benzene	11.74	91	3774	2.618	ug/l #	81
68) m/p-Xylenes	11.86	106	5022	9.200	ug/l	99

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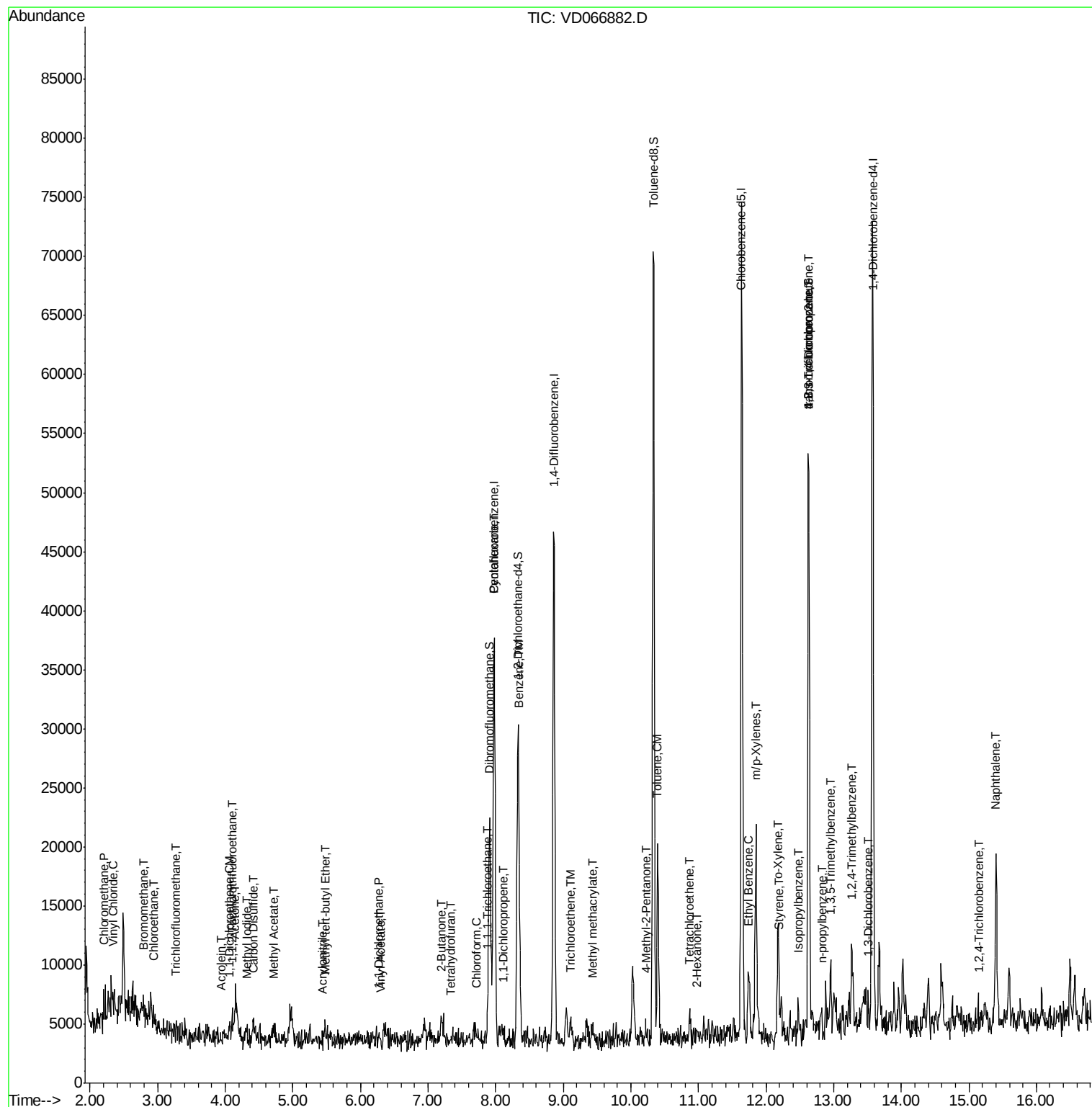
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	12.18	106	2318	4.696	ug/l	95
70) Styrene	12.20	104	1168	1.363	ug/l #	49
73) Isopropylbenzene	12.47	105	1580	1.298	ug/l #	74
76) 1,2,3-Trichloropropane	12.63	75	8777	62.844	ug/l #	100
78) n-propylbenzene	12.82	91	1785	1.219	ug/l	83
80) 1,3,5-Trimethylbenzene	12.96	105	1747	1.691	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.63	75	8777	157.229	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.27	105	4215	4.115	ug/l	86
87) 1,3-Dichlorobenzene	13.52	146	646	1.148	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.16	180	477	1.574	ug/l #	46
95) Naphthalene	15.40	128	13080	25.429	ug/l	96

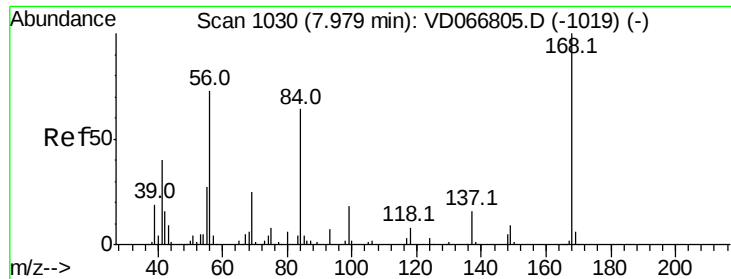
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

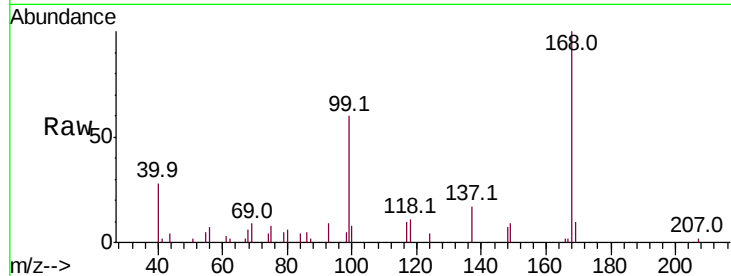
DRUM-COMP-1

Tot Ion:168 Resp: 23218

Ion Ratio Lower Upper

168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

12000

10000

8000

6000

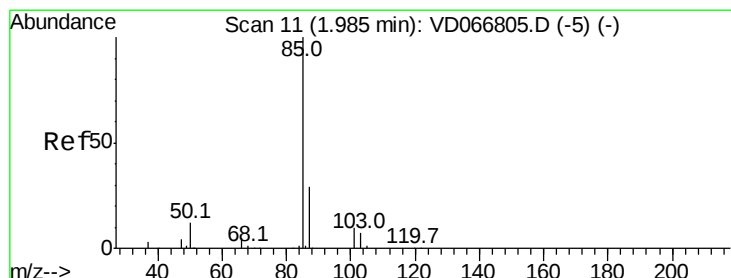
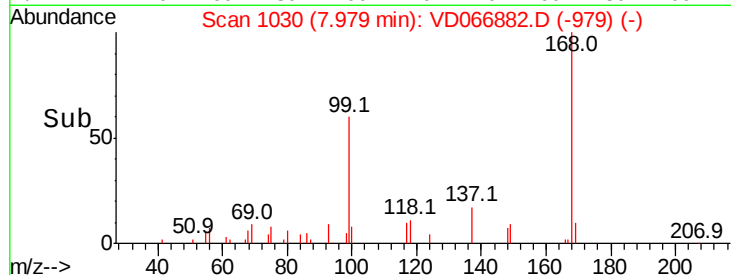
4000

2000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066882.D

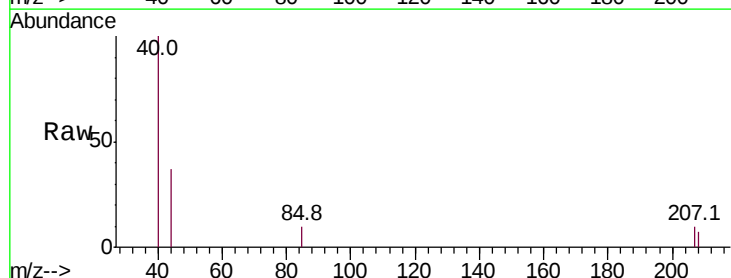
Acq: 25 Sep 2020 18:56

Tgt Ion: 85 Resp: 211

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

300

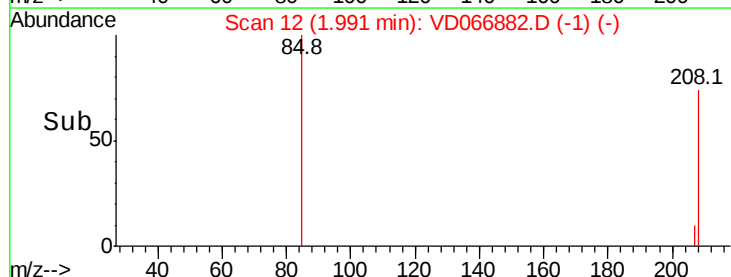
200

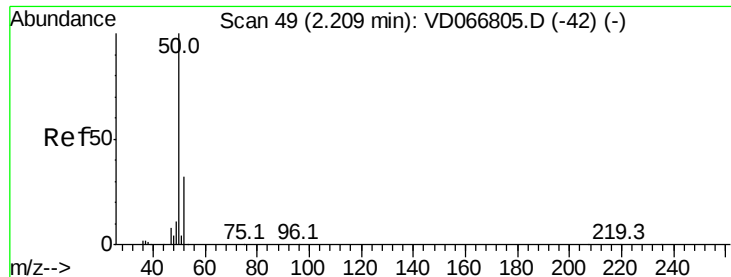
100

0

1.96 1.98 2.00

Time-->





#3

Chloromethane

Concen: 4.158 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

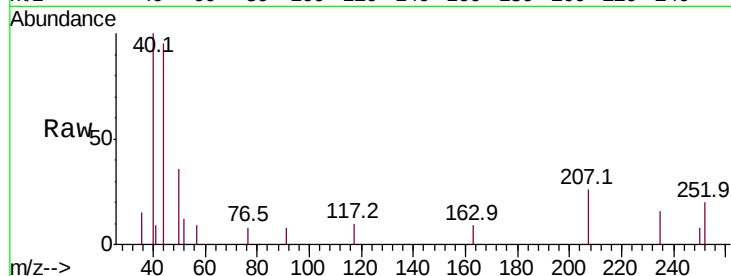
DRUM-COMP-1

Tot Ion: 50 Resp: 887

Ion Ratio Lower Upper

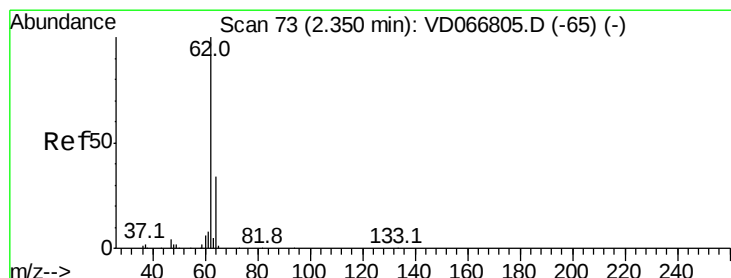
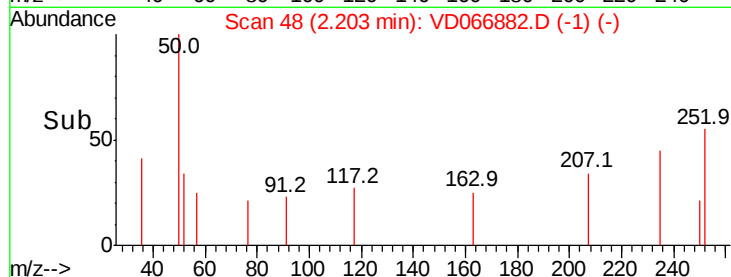
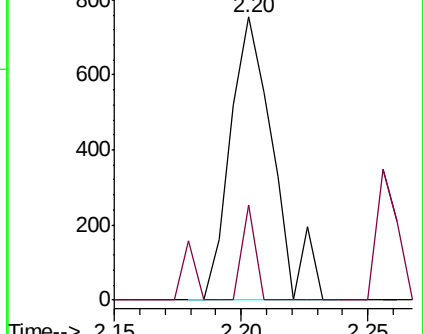
50 100

52 33.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 2.225 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.01 min

Lab File: VD066882.D

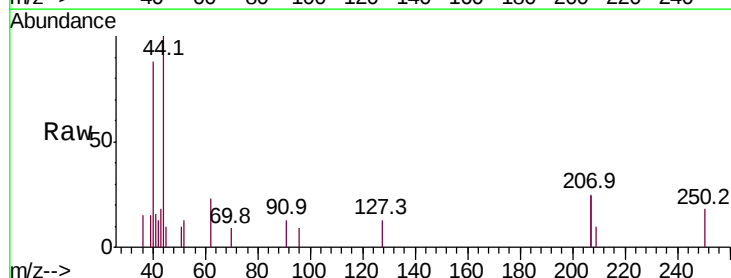
Acq: 25 Sep 2020 18:56

Tgt Ion: 62 Resp: 469

Ion Ratio Lower Upper

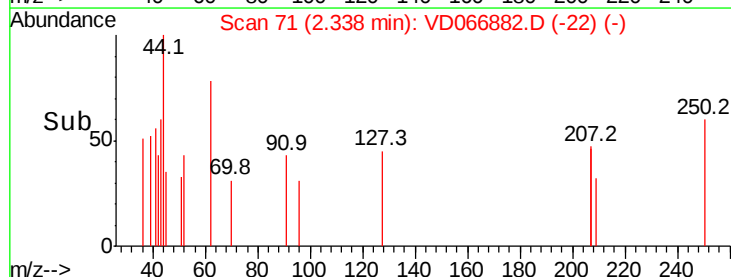
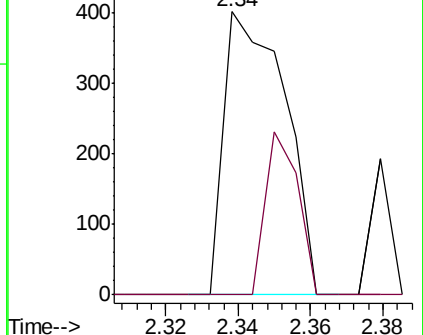
62 100

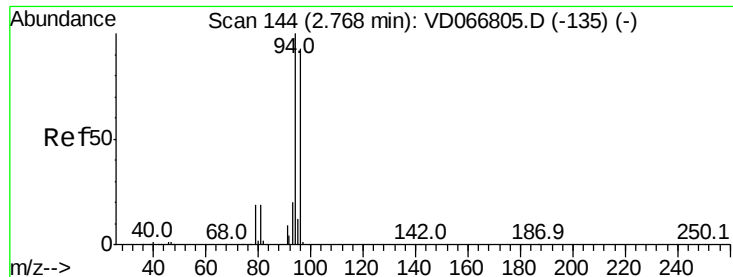
64 0.0 27.0 40.4#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 7.527 ug/l

RT: 2.79 min Scan# 147

Delta R.T. 0.02 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

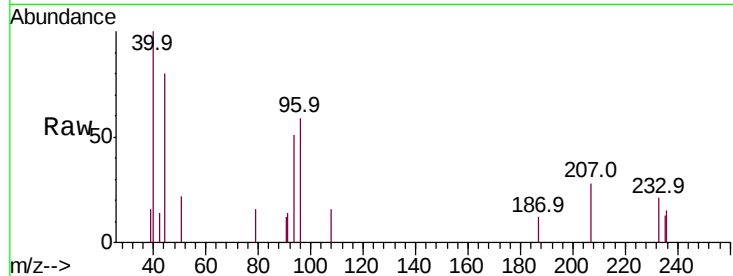
DRUM-COMP-1

Tot Ion: 94 Resp: 1115

Ion Ratio Lower Upper

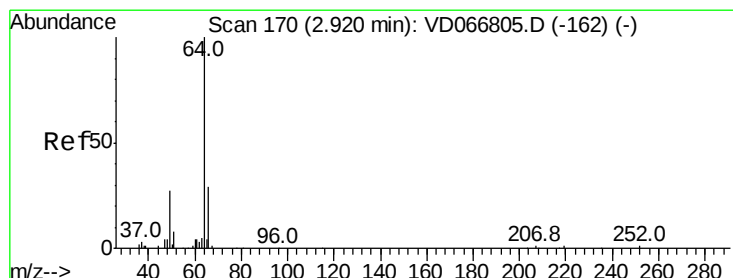
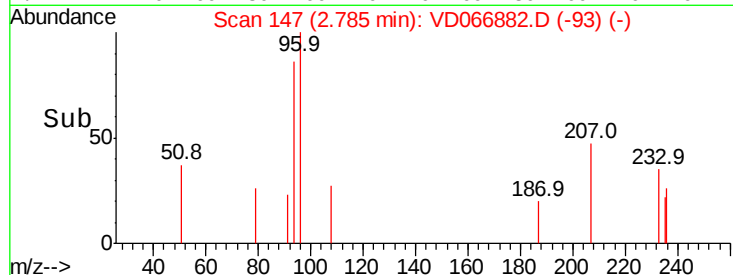
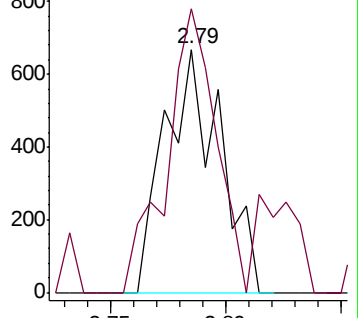
94 100

96 116.6 74.3 111.5#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 1.635 ug/l

RT: 2.94 min Scan# 173

Delta R.T. 0.02 min

Lab File: VD066882.D

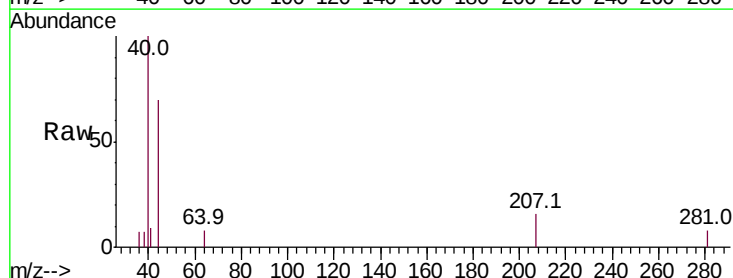
Acq: 25 Sep 2020 18:56

Tgt Ion: 64 Resp: 214

Ion Ratio Lower Upper

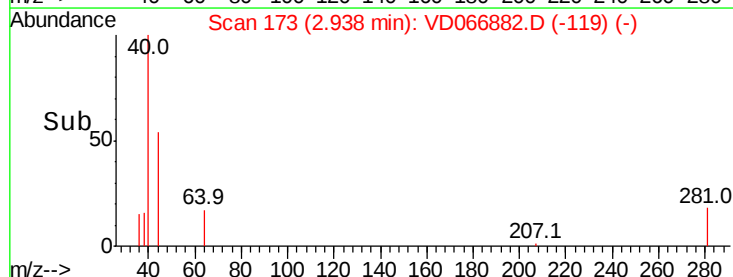
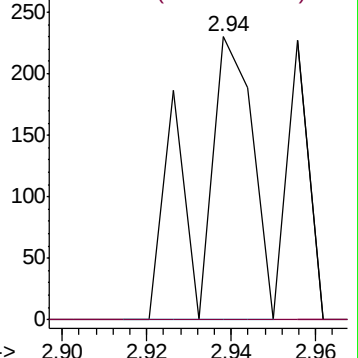
64 100

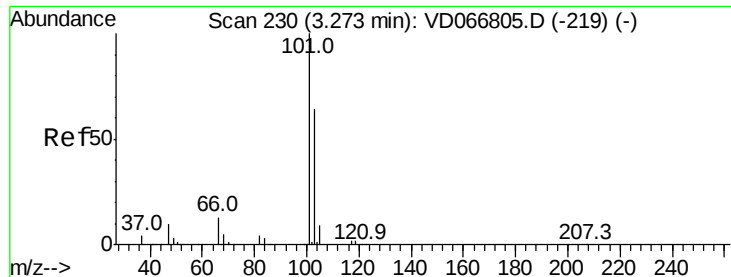
66 0.0 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



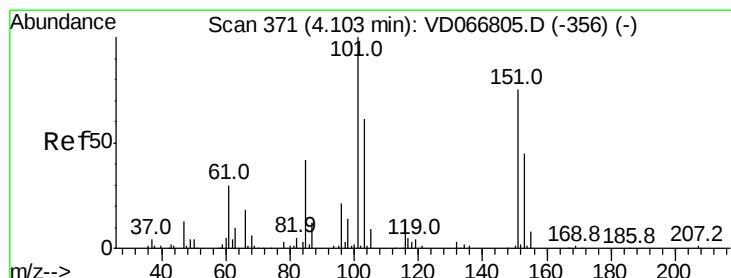
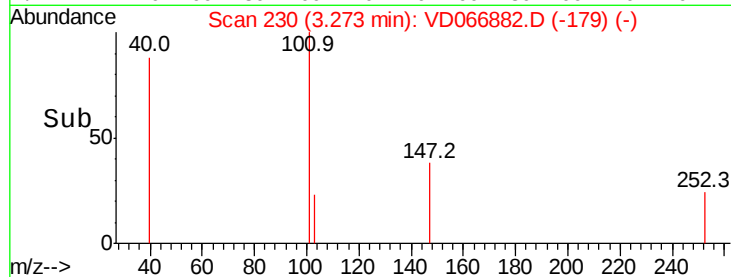
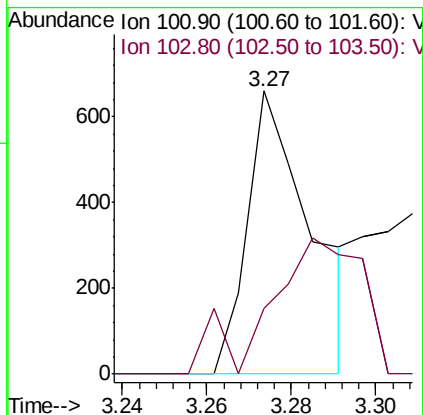
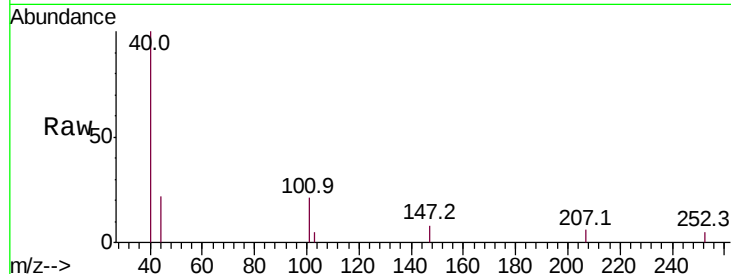


#7

Trichlorofluoromethane
 Concen: 1.587 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066882.D
 Acq: 25 Sep 2020 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-1

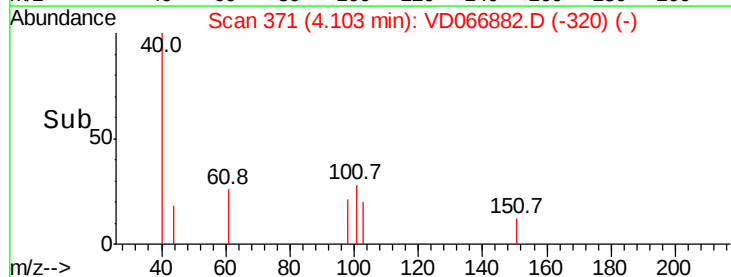
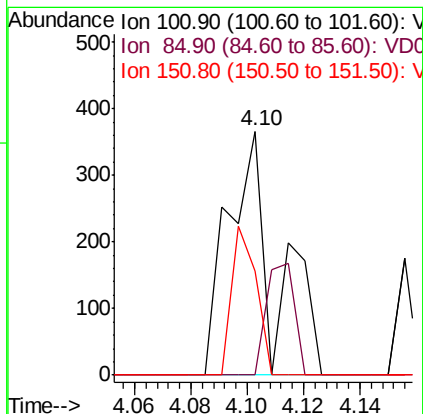
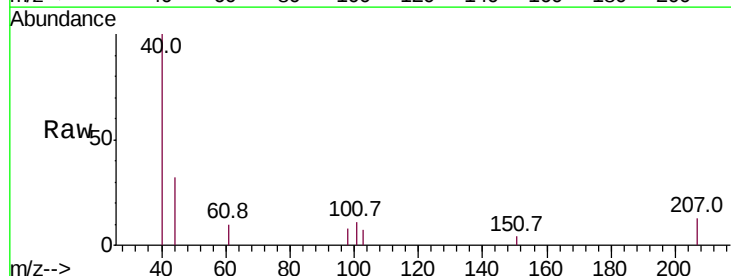
Tot Ion:101 Resp: 687
 Ion Ratio Lower Upper
 101 100
 103 23.2 51.0 76.6#

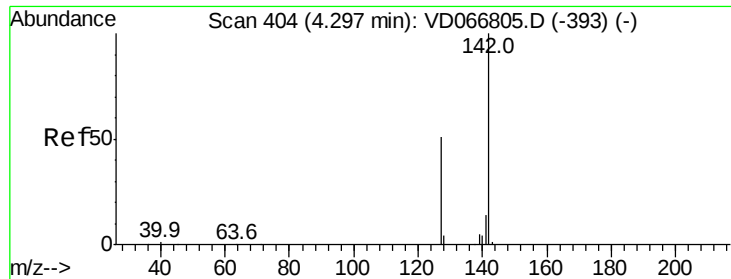


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 1.709 ug/l
 RT: 4.10 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VD066882.D
 Acq: 25 Sep 2020 18:56

Tgt Ion:101 Resp: 429
 Ion Ratio Lower Upper
 101 100
 85 26.8 35.4 53.2#
 151 31.2 61.4 92.0#

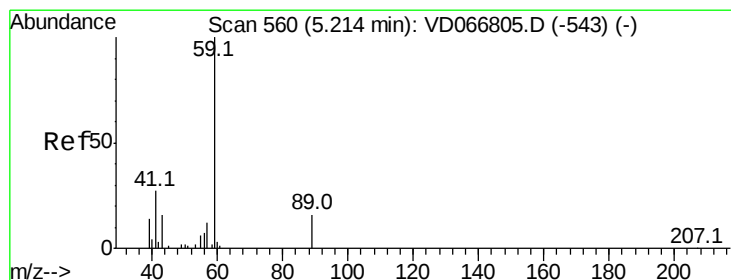
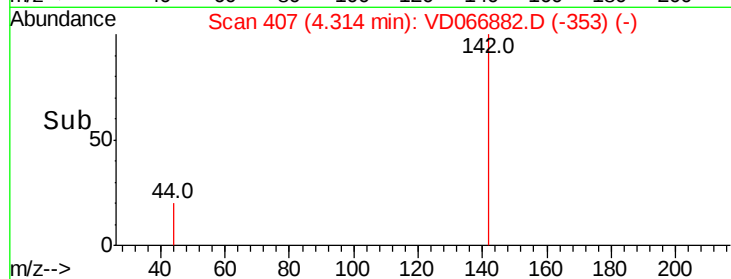
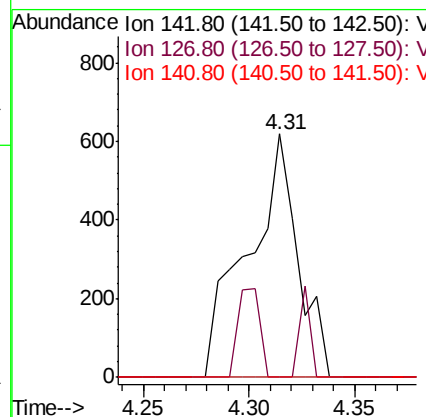
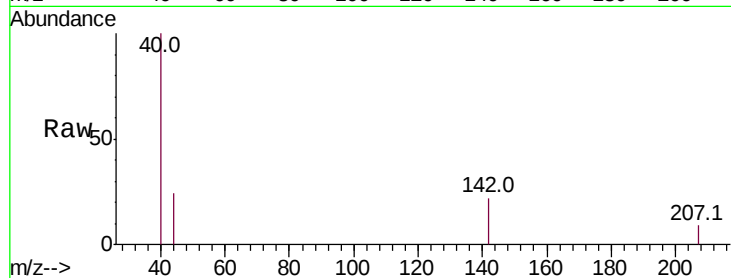




#10
Methyl Iodide
Concen: 4.628 ug/l
RT: 4.31 min Scan# 407
Delta R.T. 0.02 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

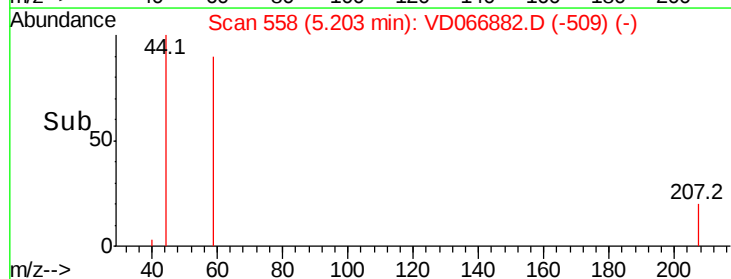
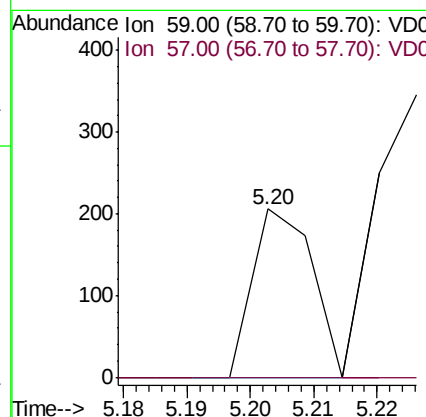
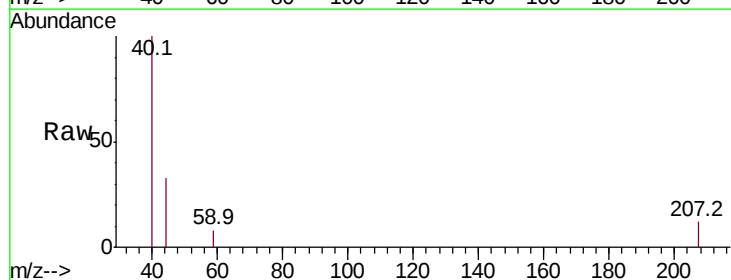
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

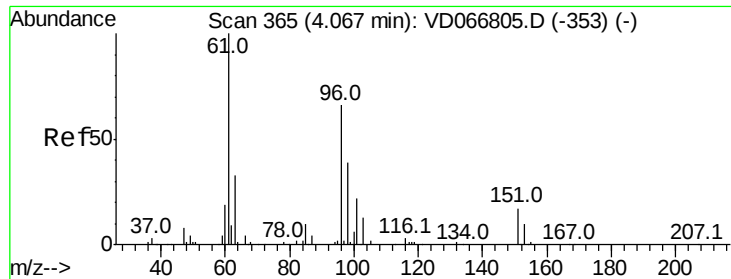
Tot Ion:142 Resp: 1025
Ion Ratio Lower Upper
142 100
127 8.0 39.4 59.0#
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 2.054 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

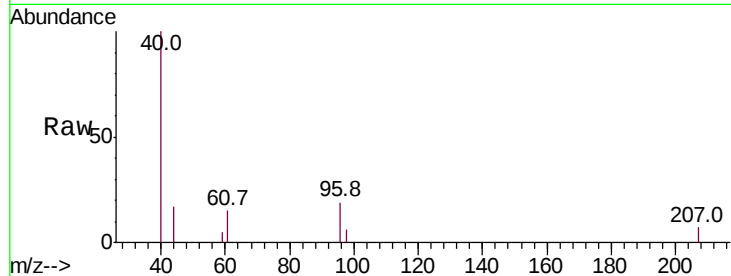
Tot Ion: 96 Resp: 467

Ion Ratio Lower Upper

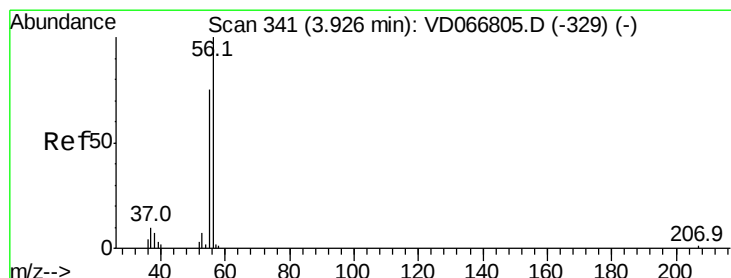
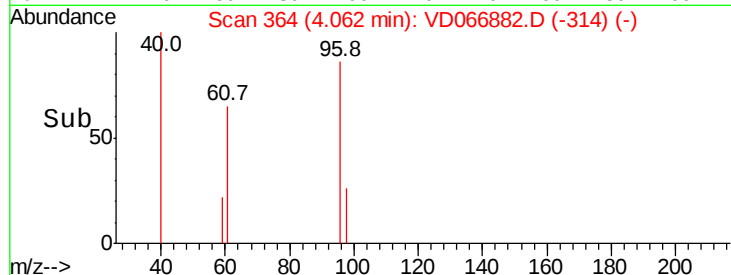
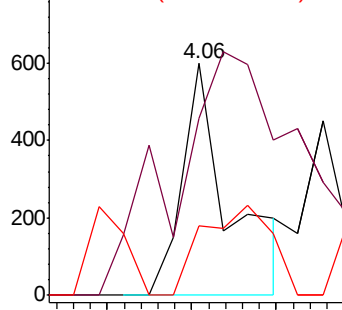
96 100

61 49.9 120.8 181.2#

98 3.5 47.7 71.5#



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#13

Acrolein

Concen: 3.221 ug/l

RT: 3.95 min Scan# 345

Delta R.T. 0.02 min

Lab File: VD066882.D

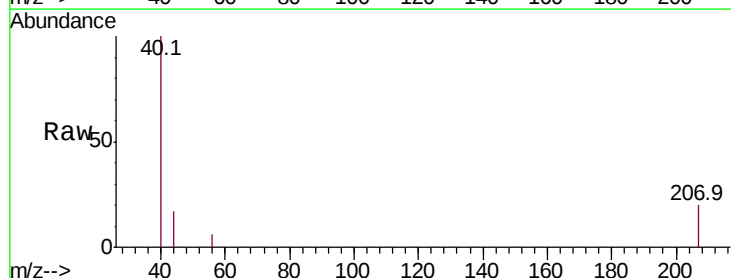
Acq: 25 Sep 2020 18:56

Tgt Ion: 56 Resp: 54

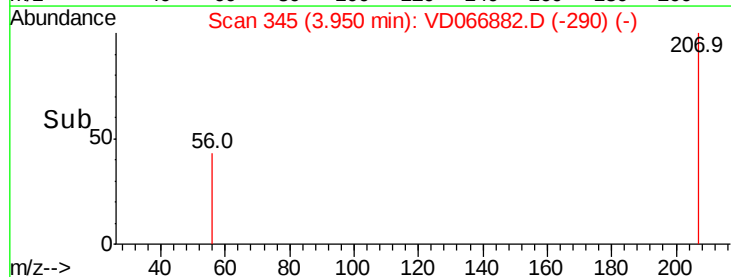
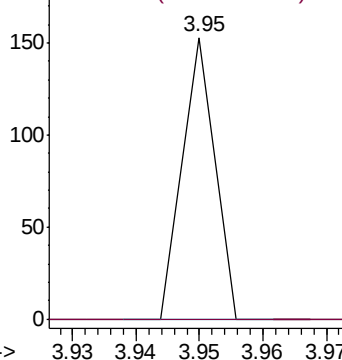
Ion Ratio Lower Upper

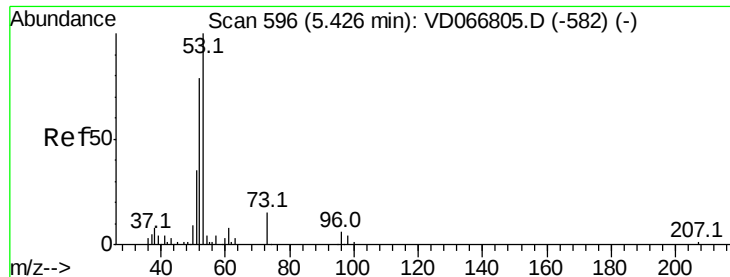
56 100

55 0.0 60.3 90.5#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC





#15

Acrylonitrile

Concen: 3.943 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

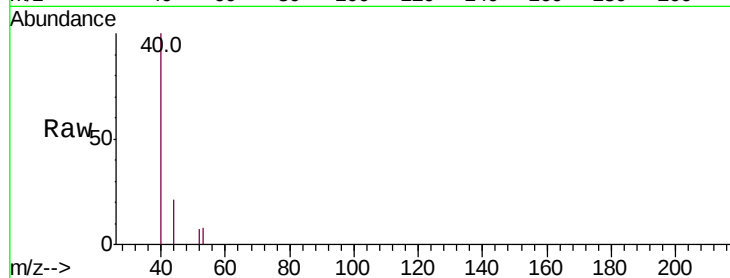
Tot Ion: 53 Resp: 192

Ion Ratio Lower Upper

53 100

52 31.3 65.2 97.8#

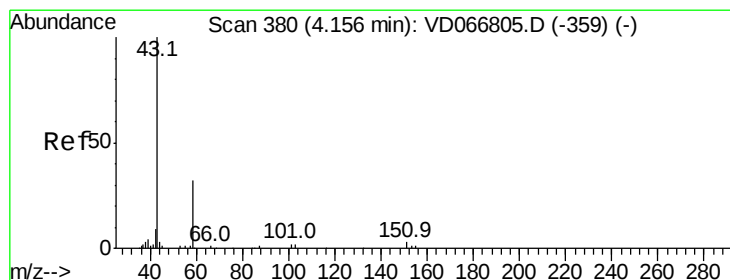
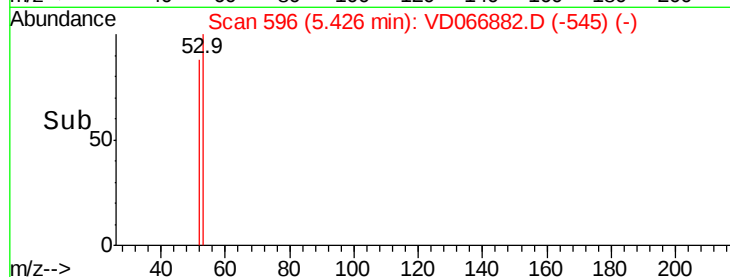
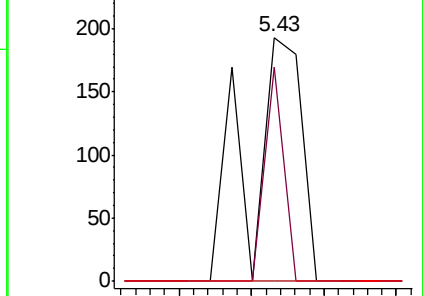
51 0.0 30.6 46.0#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 129.628 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066882.D

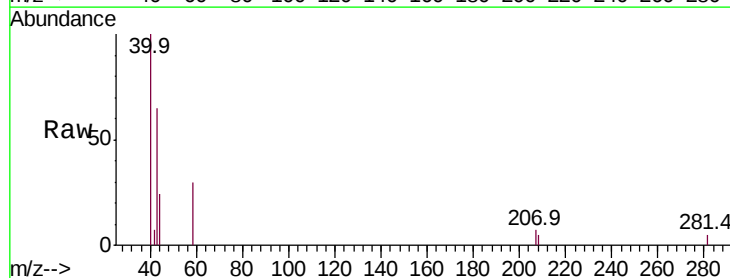
Acq: 25 Sep 2020 18:56

Tgt Ion: 43 Resp: 6249

Ion Ratio Lower Upper

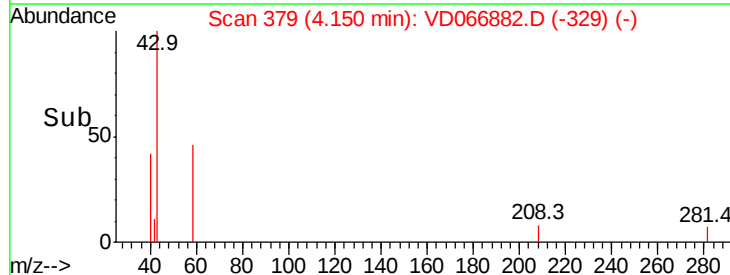
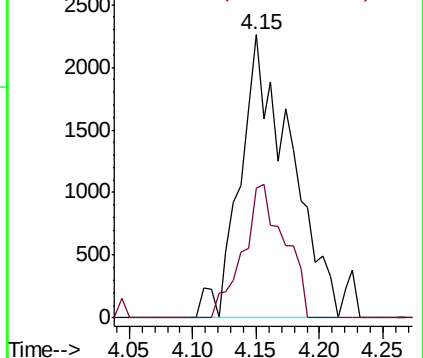
43 100

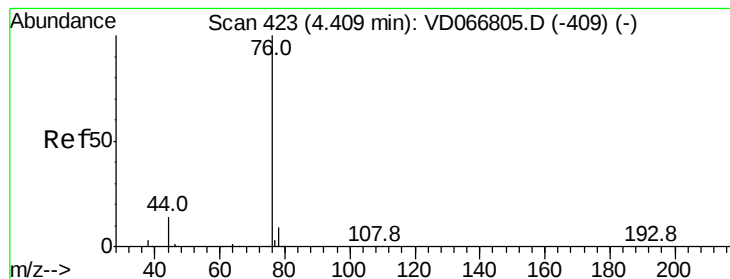
58 45.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 3.683 ug/l

RT: 4.42 min Scan# 425

Delta R.T. 0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

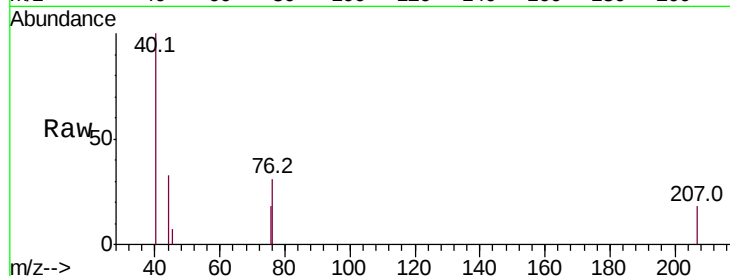
DRUM-COMP-1

Tot Ion: 76 Resp: 2560

Ion Ratio Lower Upper

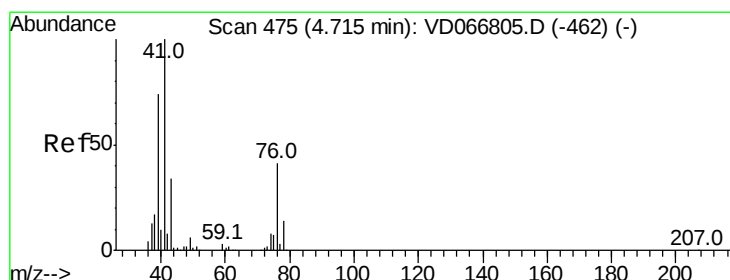
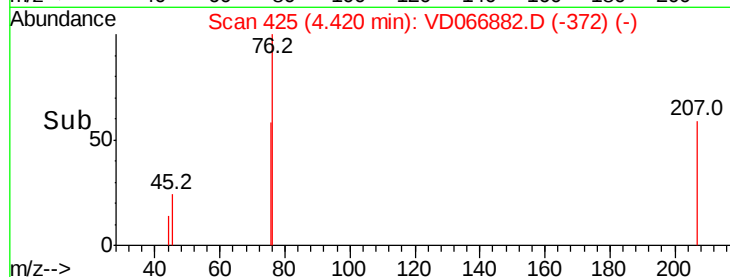
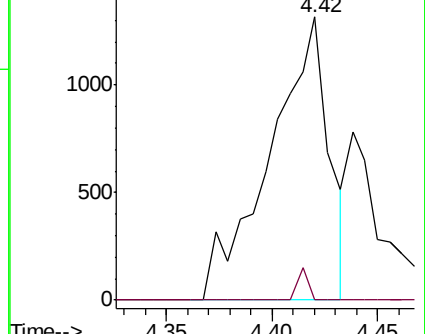
76 100

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: 1.561 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066882.D

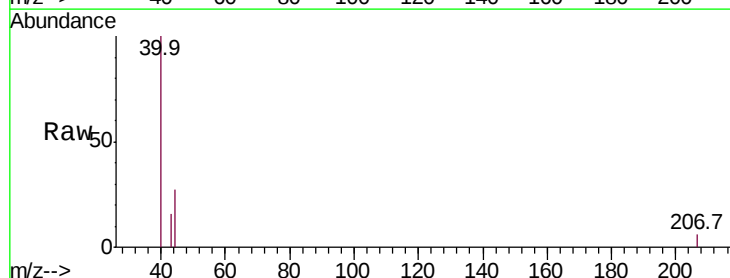
Acq: 25 Sep 2020 18:56

Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

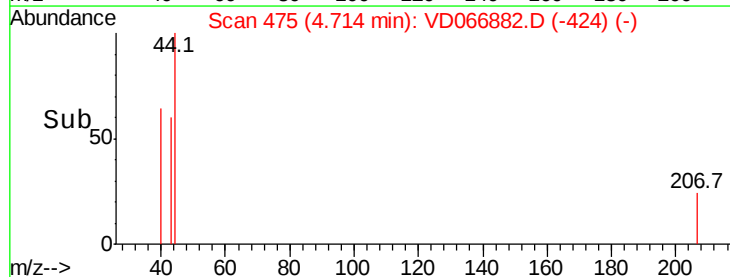
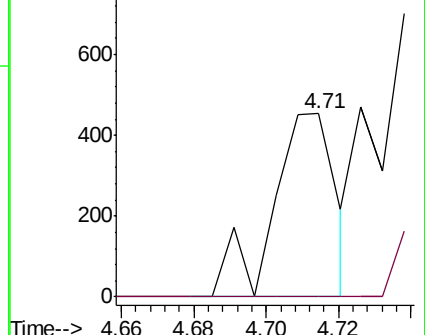
43 100

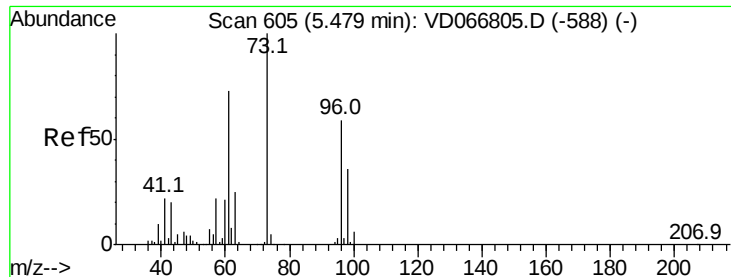
74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

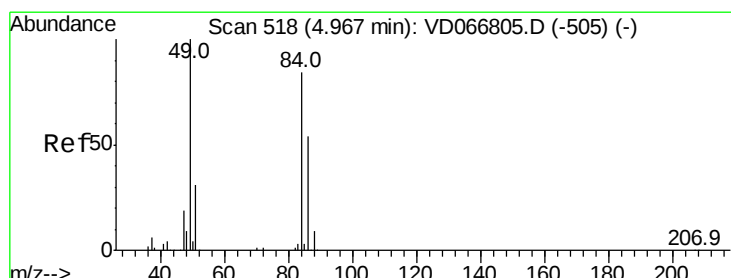
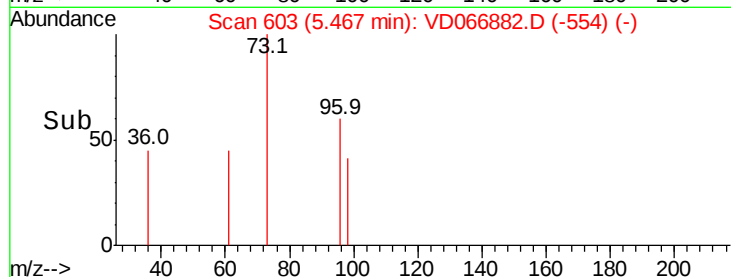
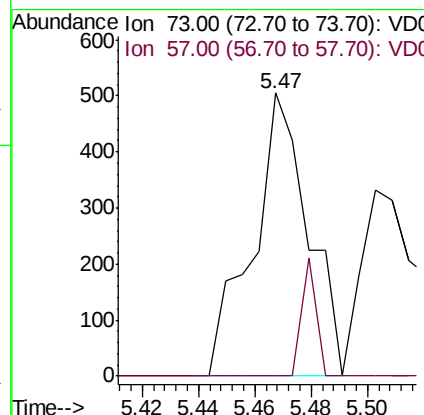
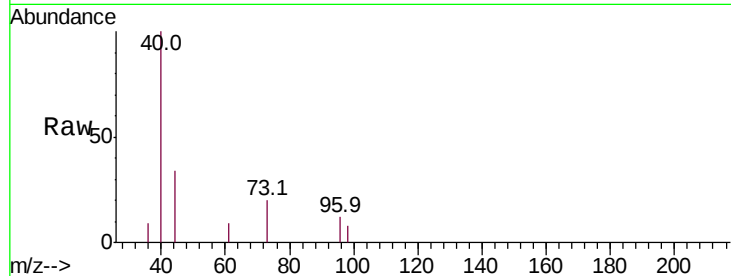




#19
Methyl tert-butyl Ether
Concen: 1.393 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

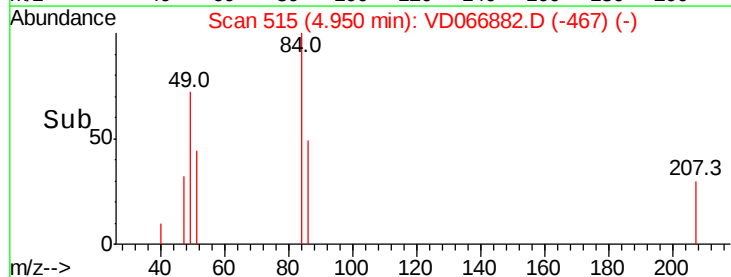
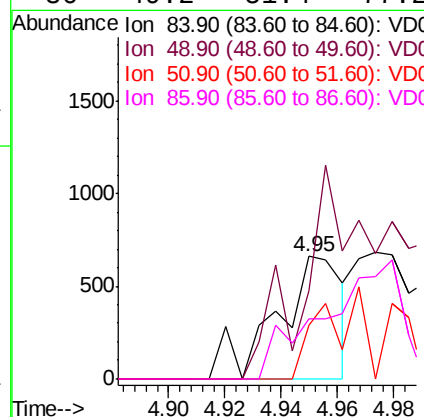
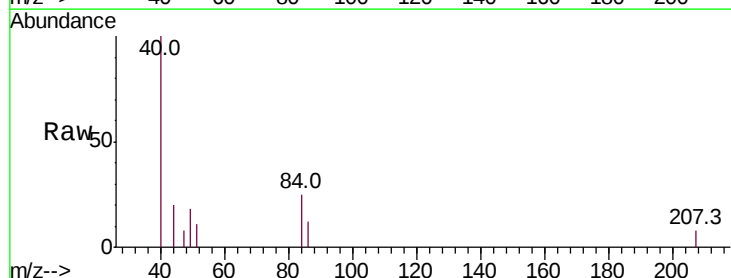
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

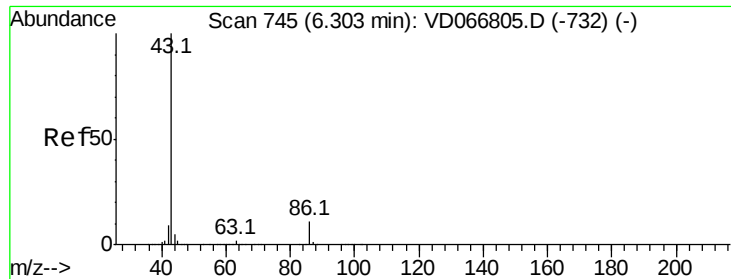
Tot Ion: 73 Resp: 688
Ion Ratio Lower Upper
73 100
57 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.02 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

Tgt Ion: 84 Resp: 1072
Ion Ratio Lower Upper
84 100
49 72.2 95.4 143.2#
51 43.6 29.7 44.5
86 49.2 51.4 77.2#





#23

Vinyl Acetate

Concen: 2.858 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

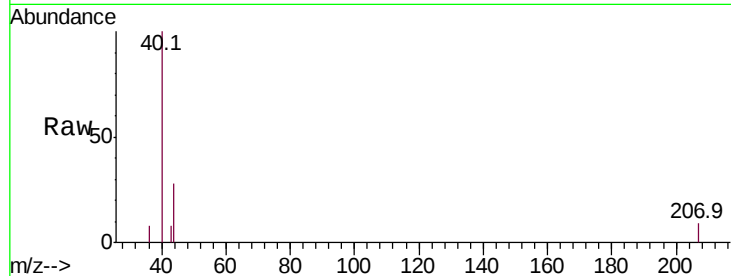
DRUM-COMP-1

Tot Ion: 43 Resp: 70

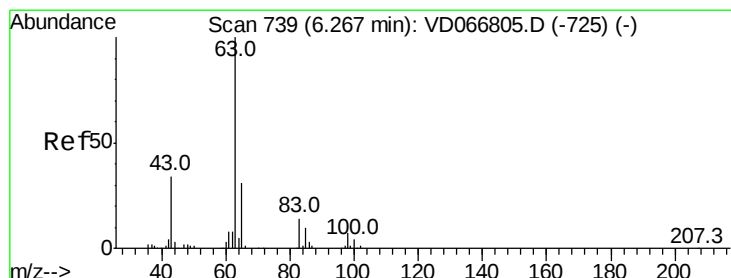
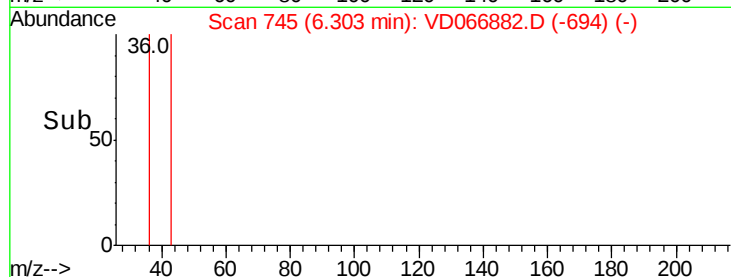
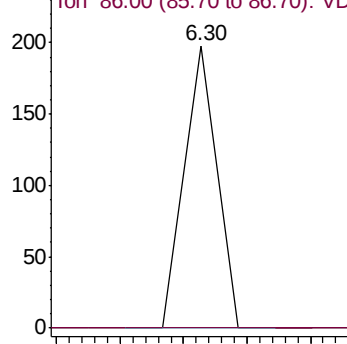
Ion Ratio Lower Upper

43 100

86 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC



#24

1,1-Dichloroethane

Concen: 1.452 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

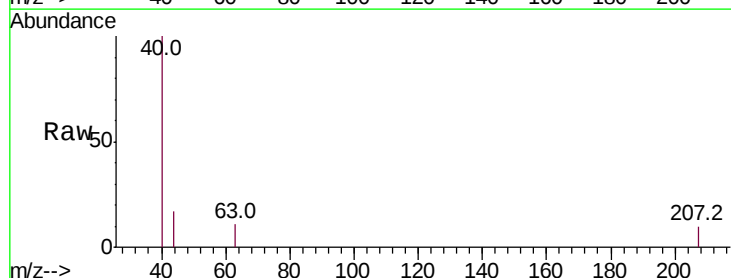
Tgt Ion: 63 Resp: 667

Ion Ratio Lower Upper

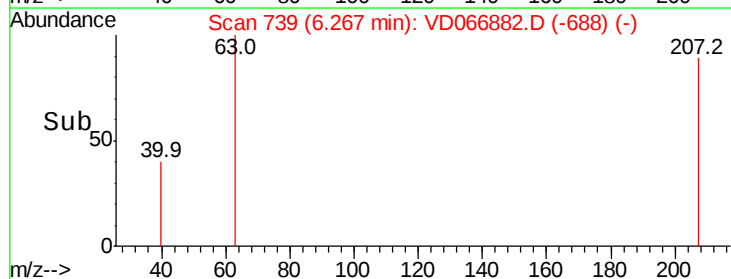
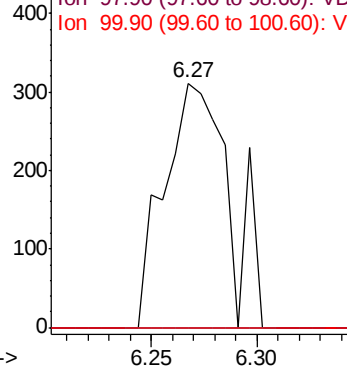
63 100

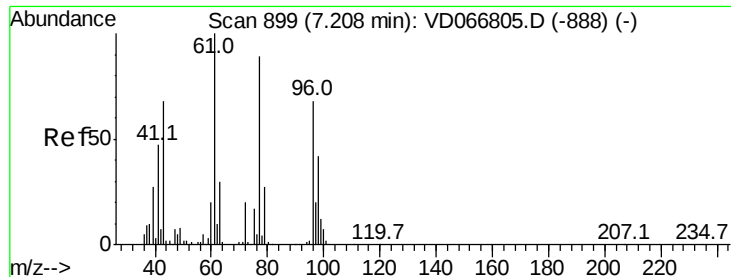
98 0.0 3.7 11.1#

100 0.0 1.8 5.5#



Abundance Ion 62.90 (62.60 to 63.60): VDC





#25

2-Butanone

Concen: 34.299 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

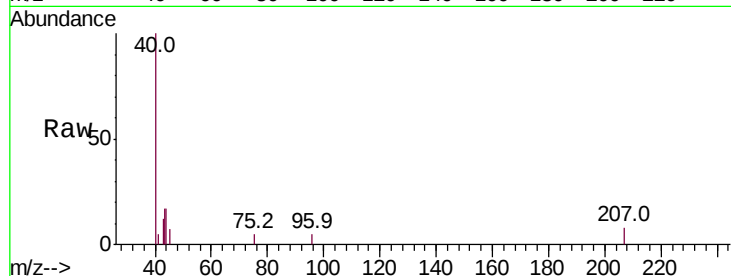
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

Tot Ion: 43 Resp: 1987

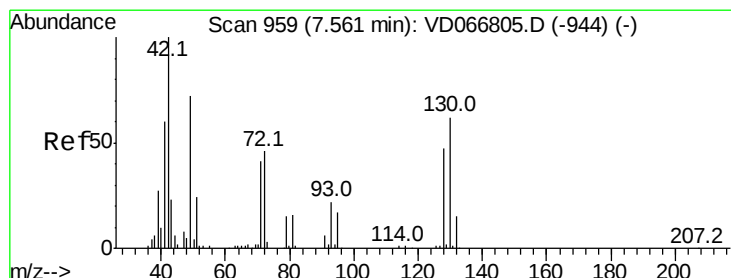
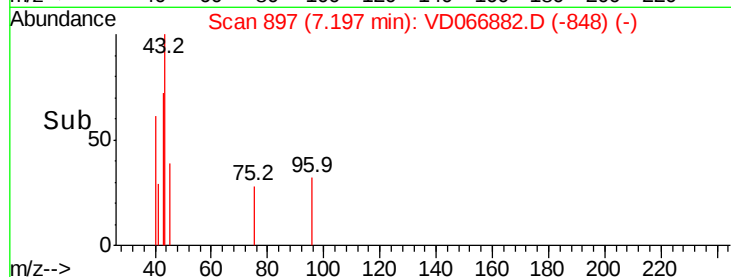
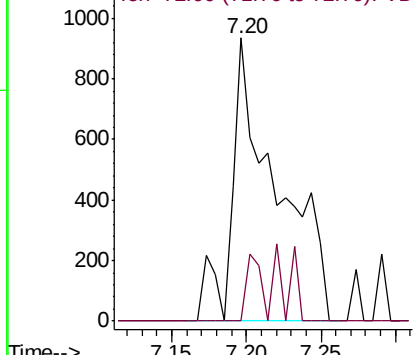
Ion Ratio Lower Upper

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: 1.697 ug/l

RT: 7.33 min Scan# 920

Delta R.T. -0.23 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

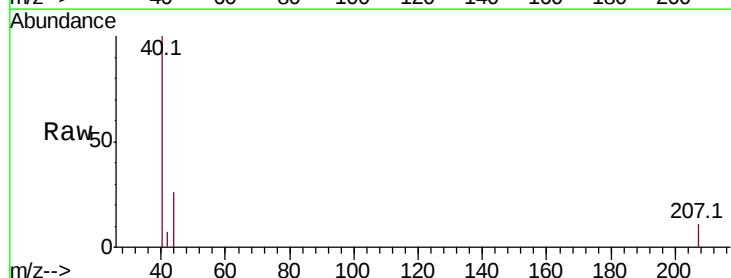
Tgt Ion: 42 Resp: 63

Ion Ratio Lower Upper

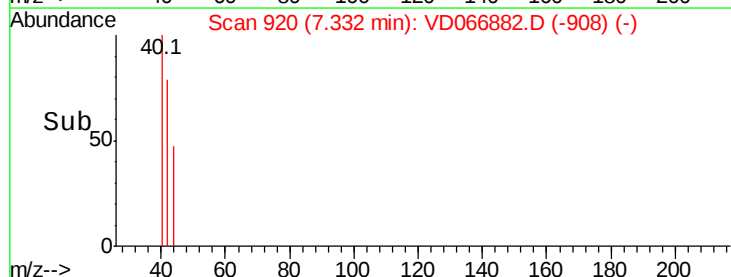
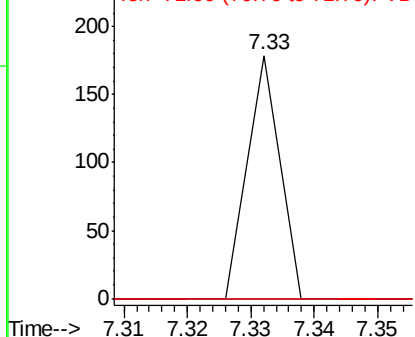
42 100

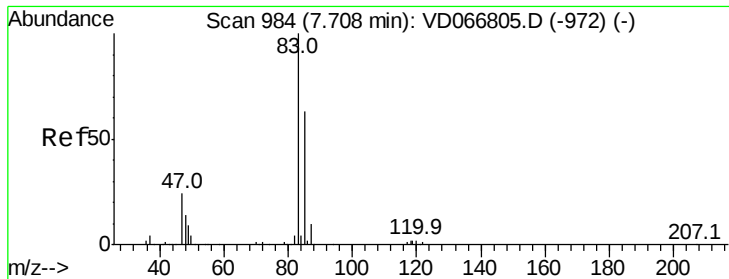
72 0.0 36.2 54.4#

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





#30

Chloroform

Concen: 1.836 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

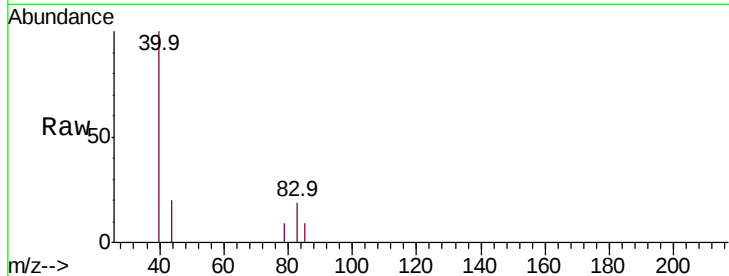
DRUM-COMP-1

Tot Ion: 83 Resp: 909

Ion Ratio Lower Upper

83 100

85 46.7 50.6 75.8#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

500

400

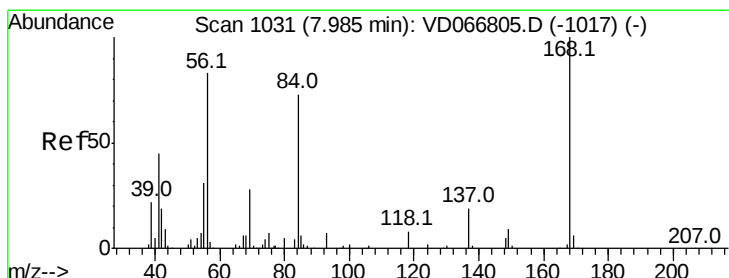
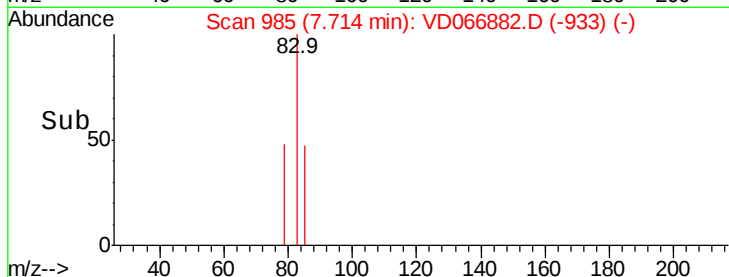
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 3.659 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

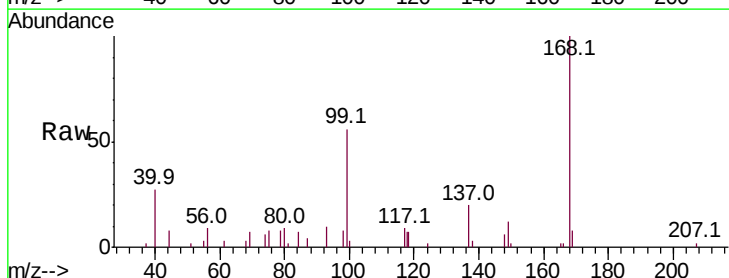
Tgt Ion: 56 Resp: 1512

Ion Ratio Lower Upper

56 100

69 71.4 27.0 40.4#

84 72.3 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

1200

1000

800

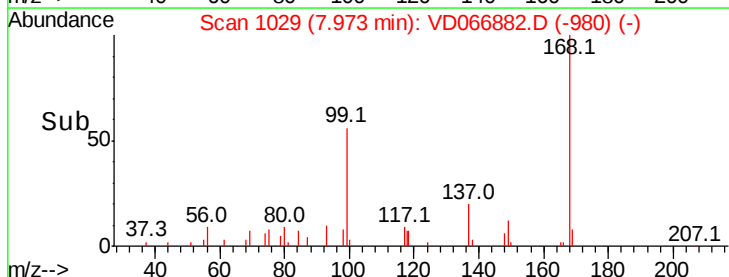
600

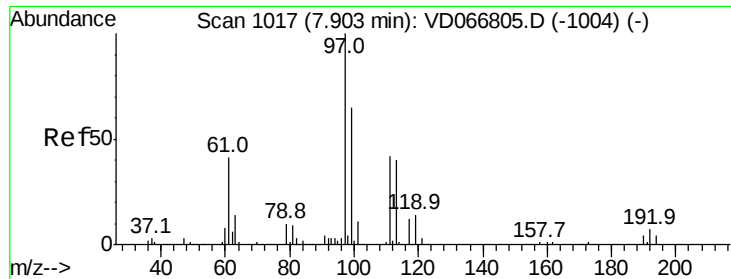
400

200

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 1.235 ug/l

RT: 7.88 min Scan# 1013

Delta R.T. -0.02 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

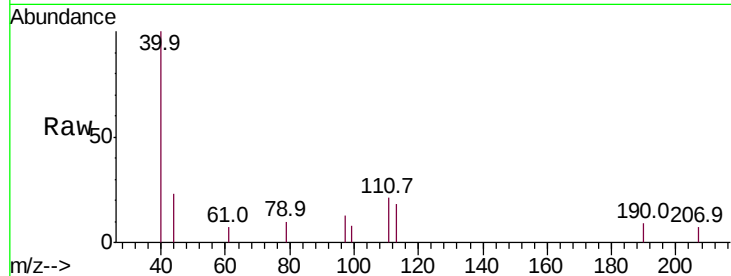
Tot Ion: 97 Resp: 553

Ion Ratio Lower Upper

97 100

99 115.6 51.5 77.3#

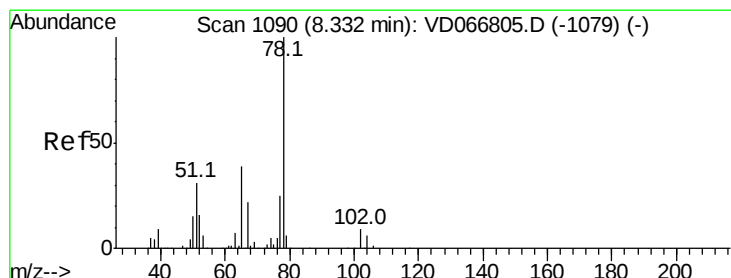
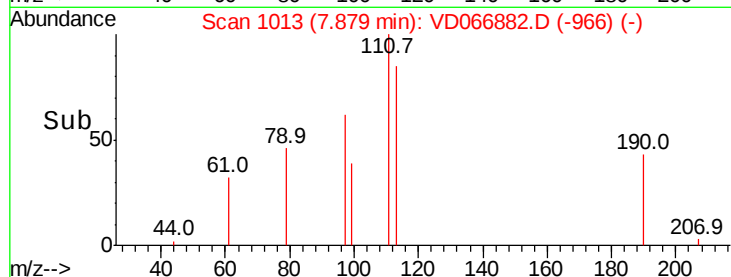
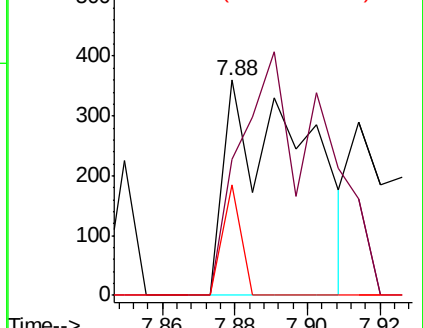
61 11.8 34.2 51.4#



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 78.540 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066882.D

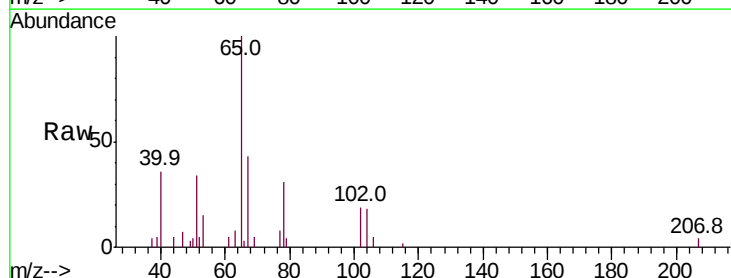
Acq: 25 Sep 2020 18:56

Tgt Ion: 65 Resp: 17848

Ion Ratio Lower Upper

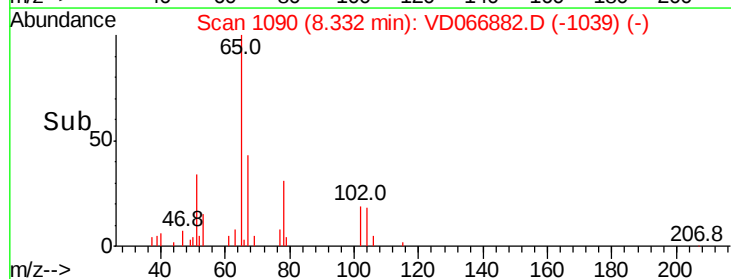
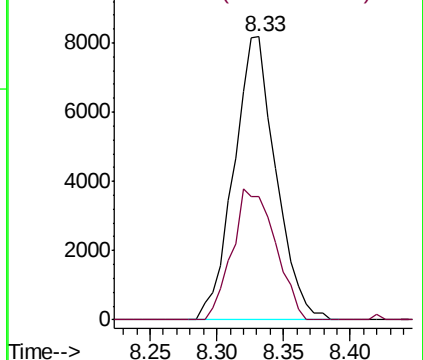
65 100

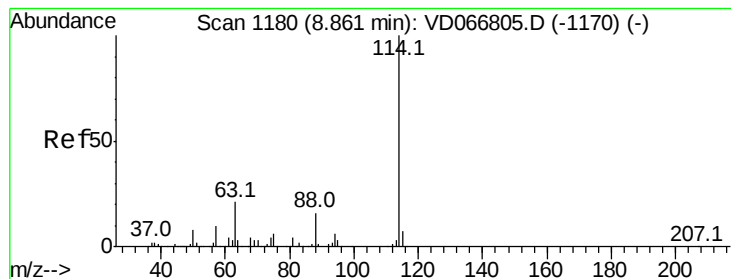
67 47.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

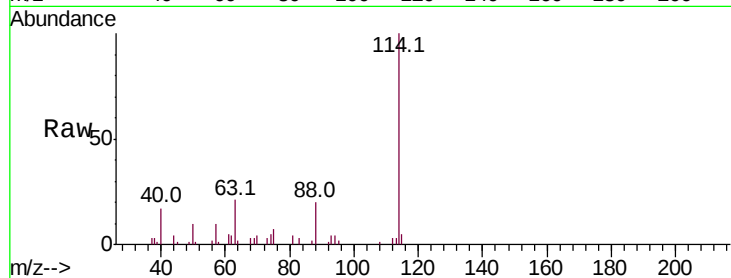
Tot Ion:114 Resp: 36656

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

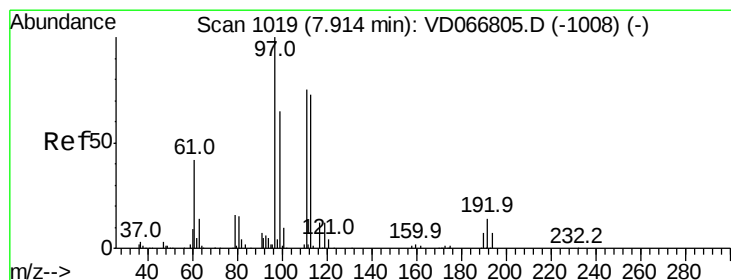
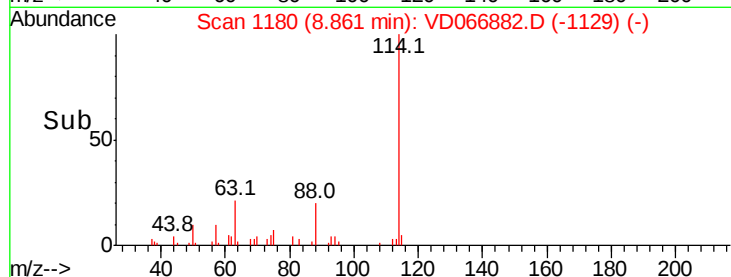
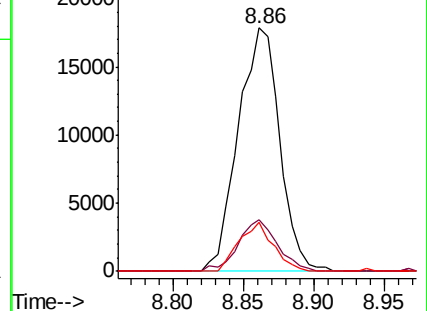
88 20.2 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 59.467 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

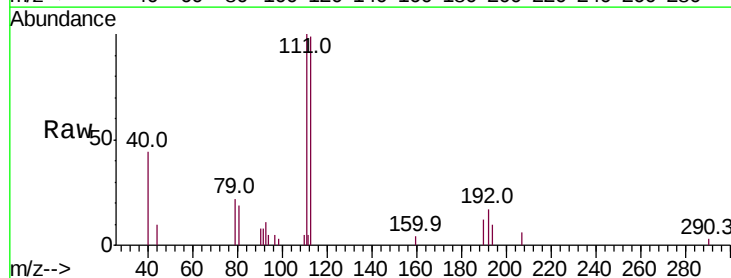
Tgt Ion:113 Resp: 13868

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

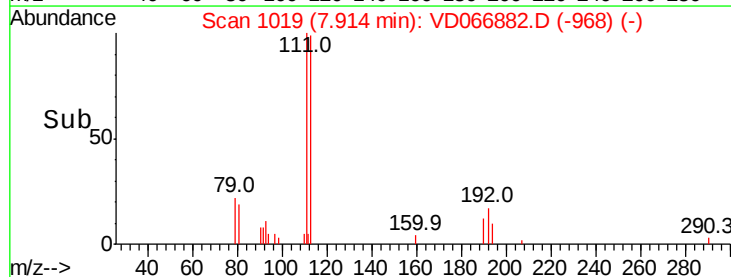
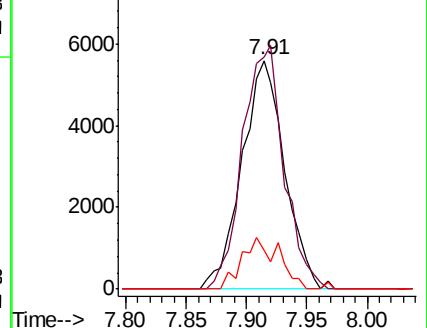
192 19.4 14.4 21.6

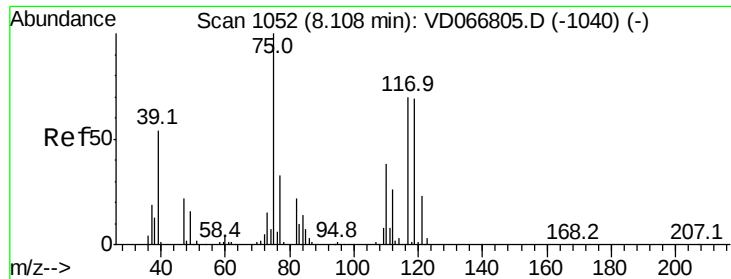


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

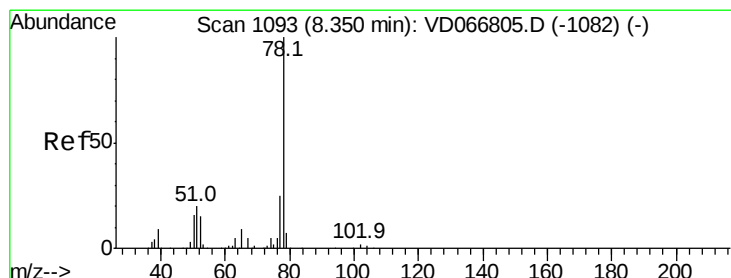
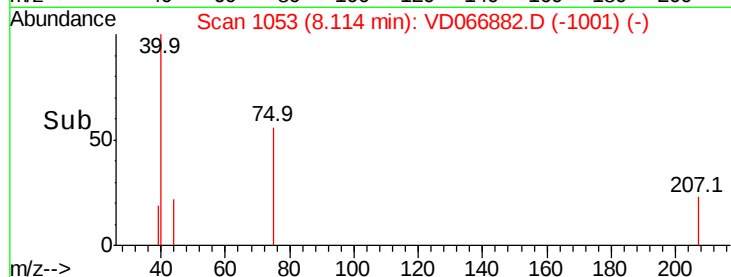
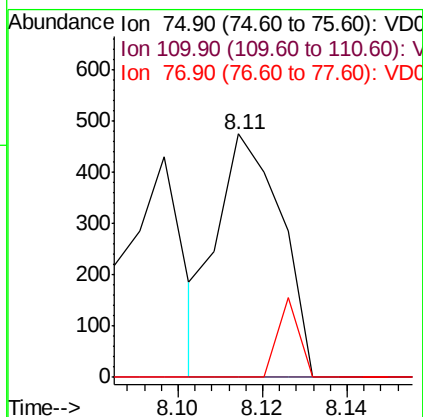
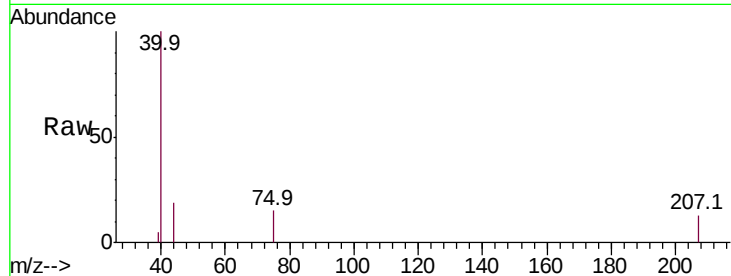




#36
 1,1-Dichloropropene
 Concen: 1.364 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066882.D
 Acq: 25 Sep 2020 18:56

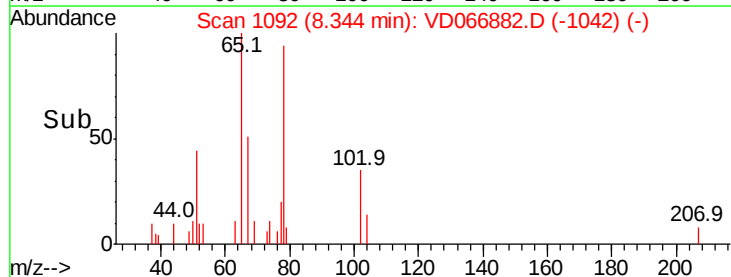
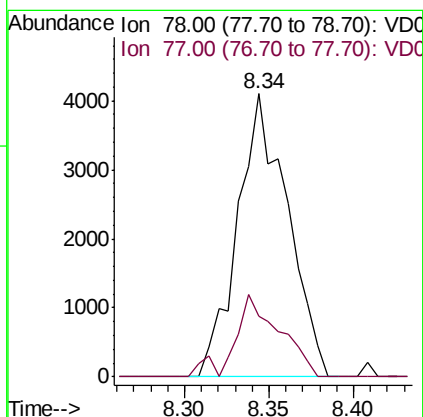
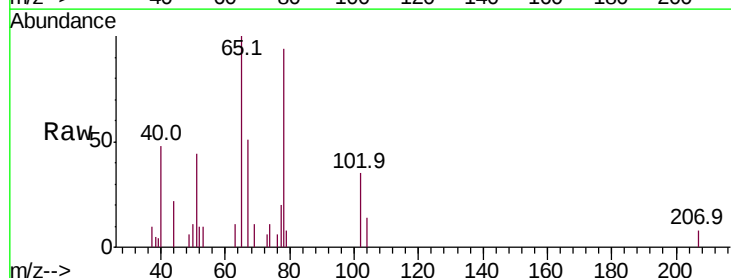
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-1

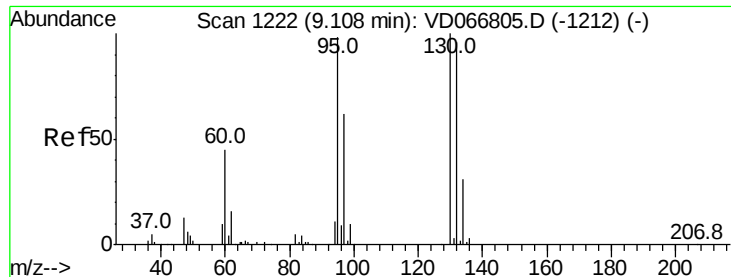
Tot Ion: 75 Resp: 496
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.9 53.8#
 77 0.0 25.0 37.6#



#40
 Benzene
 Concen: 8.331 ug/l
 RT: 8.34 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VD066882.D
 Acq: 25 Sep 2020 18:56

Tgt Ion: 78 Resp: 8444
 Ion Ratio Lower Upper
 78 100
 77 21.3 19.9 29.9





#44

Trichloroethene

Concen: 2.908 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

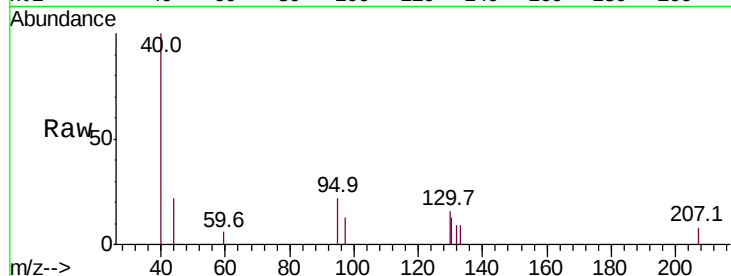
DRUM-COMP-1

Tot Ion:130 Resp: 840

Ion Ratio Lower Upper

130 100

95 74.1 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

9.11

800

600

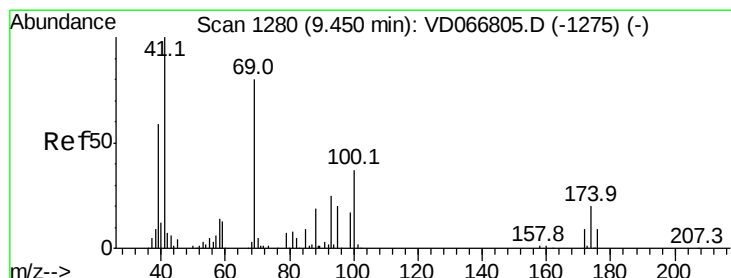
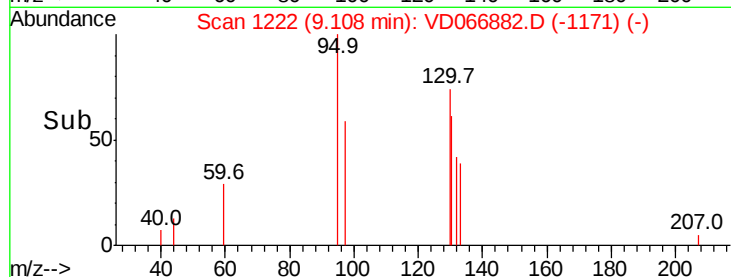
400

200

0

9.06 9.08 9.10 9.12 9.14

Time-->



#48

Methyl methacrylate

Concen: 2.289 ug/l

RT: 9.44 min Scan# 1278

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

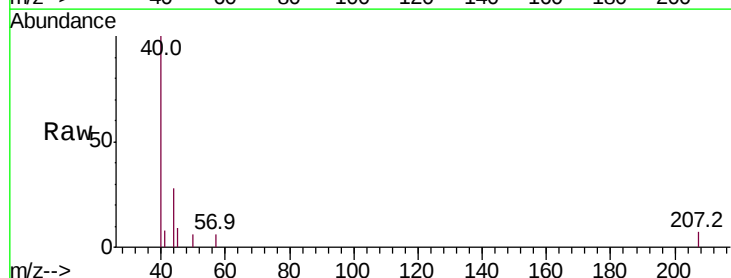
Tgt Ion: 41 Resp: 286

Ion Ratio Lower Upper

41 100

69 0.0 74.5 111.7#

39 34.3 47.0 70.6#



Abundance Ion 41.00 (40.70 to 41.70): V

Ion 69.00 (68.70 to 69.70): V

Ion 39.00 (38.70 to 39.70): V

300

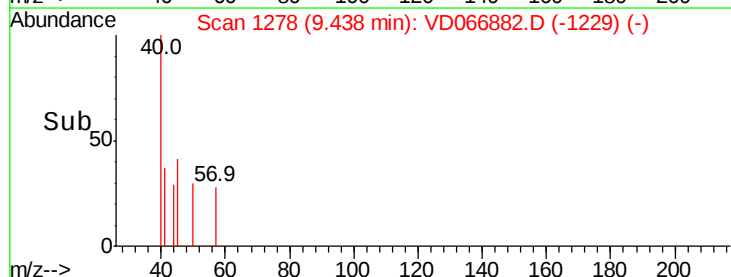
200

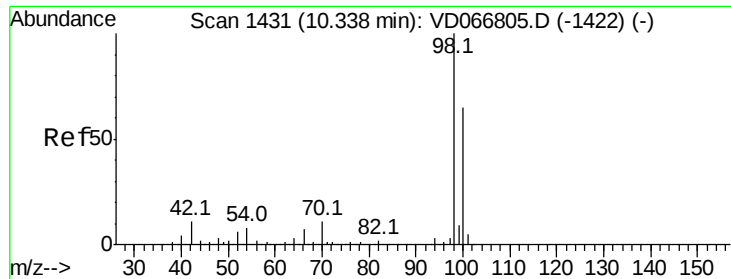
100

0

9.40 9.42 9.44 9.46

Time-->

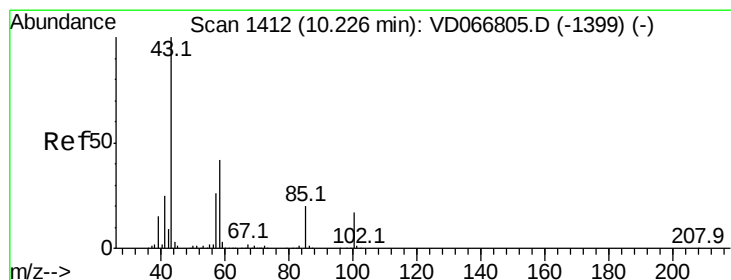
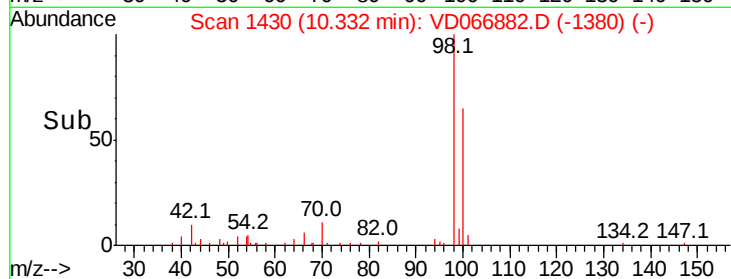
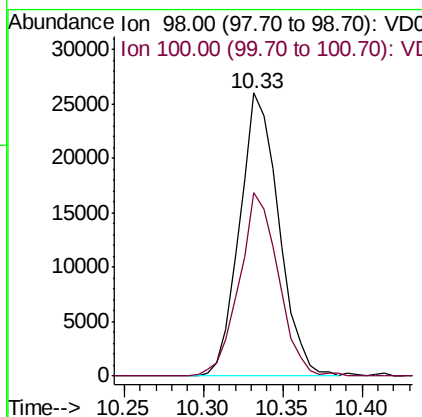
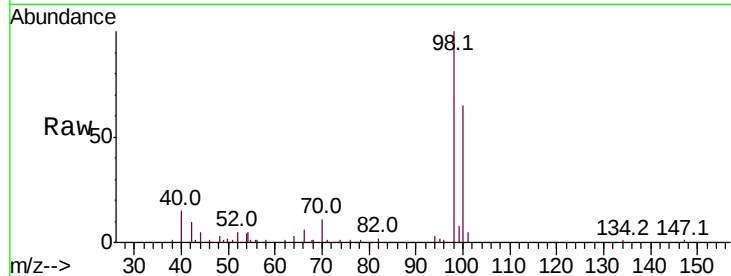




#50
Toluene-d8
Concen: 56.169 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

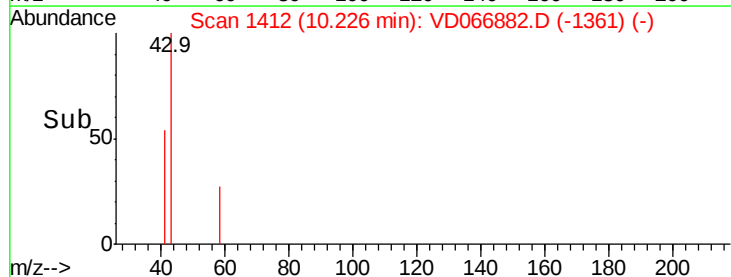
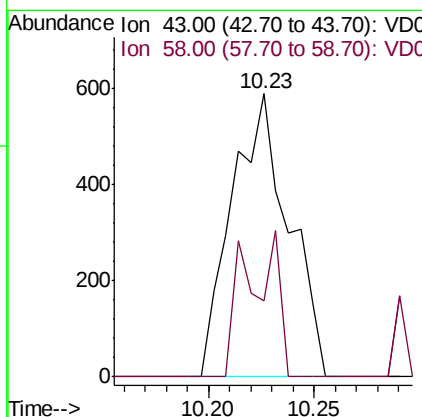
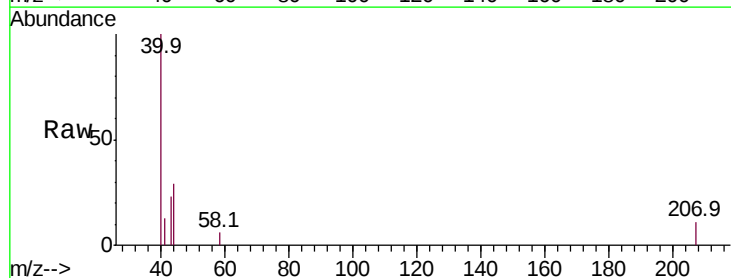
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

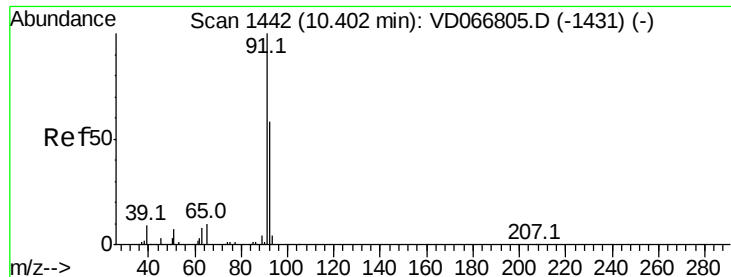
Tot Ion: 98 Resp: 44630
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 8.604 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 29.4 32.2 48.4#





#52

Toluene

Concen: 10.958 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

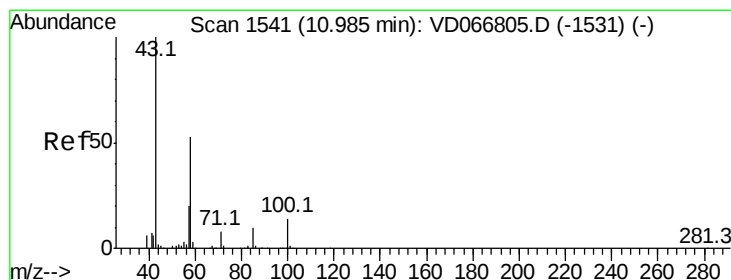
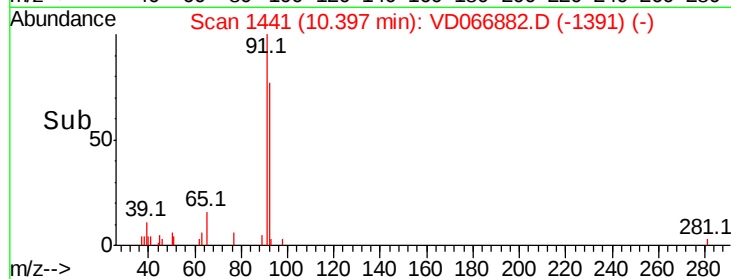
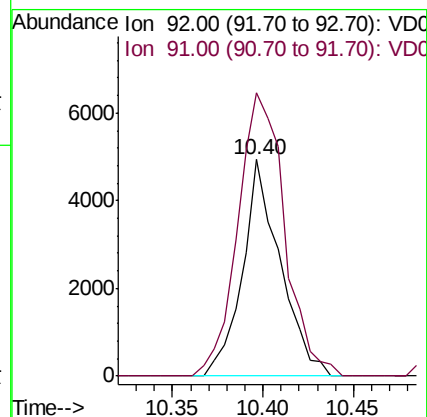
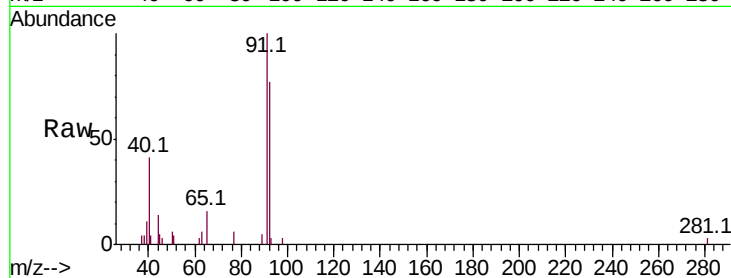
DRUM-COMP-1

Tot Ion: 92 Resp: 7154

Ion Ratio Lower Upper

92 100

91 162.2 134.6 202.0



#59

2-Hexanone

Concen: 5.046 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VD066882.D

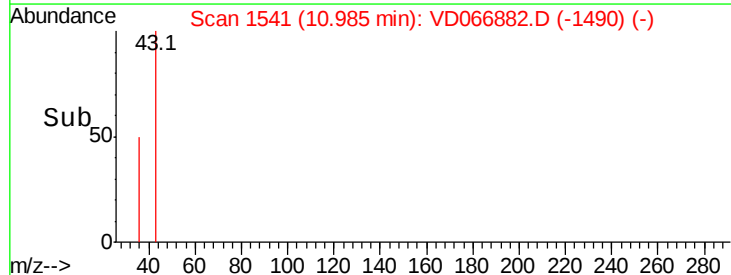
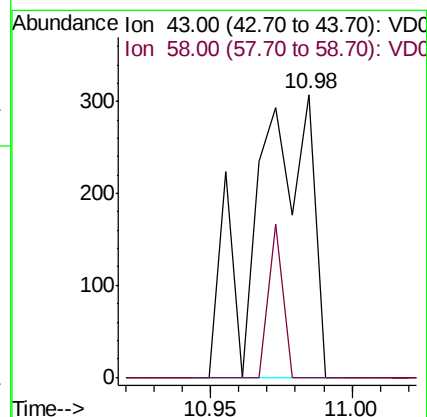
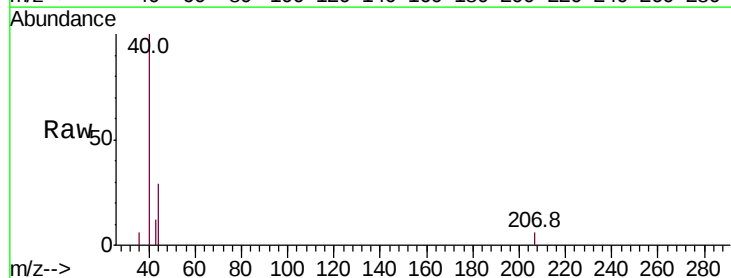
Acq: 25 Sep 2020 18:56

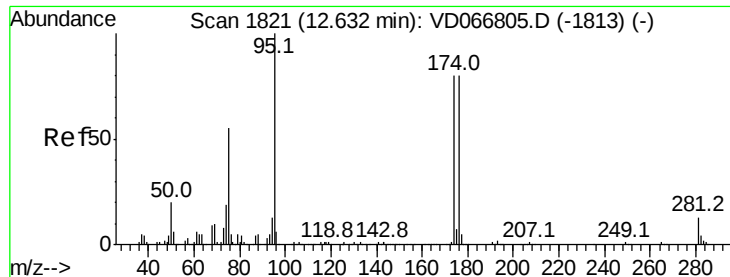
Tgt Ion: 43 Resp: 437

Ion Ratio Lower Upper

43 100

58 13.5 27.0 80.8#

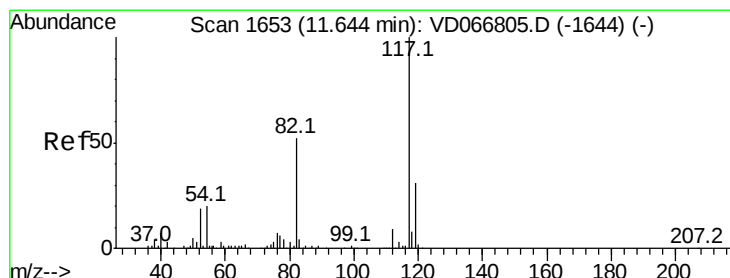
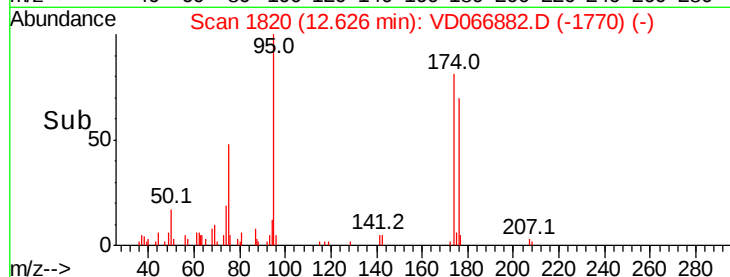
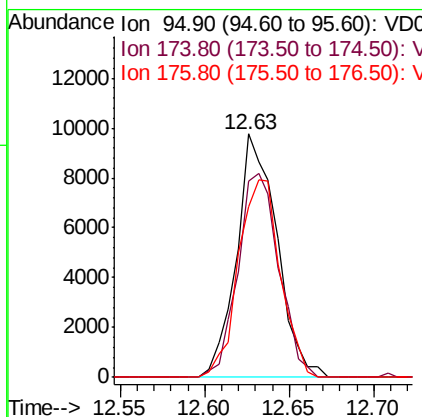
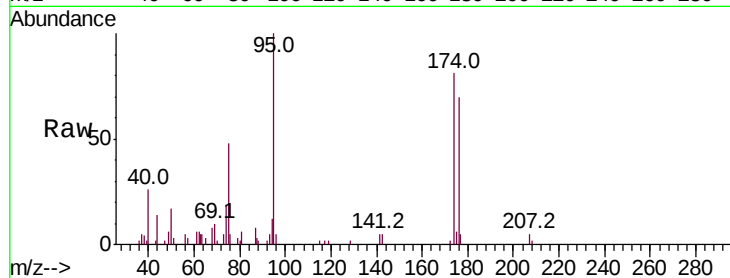




#62
4-Bromofluorobenzene
Concen: 59.509 ug/l
RT: 12.63 min Scan# 1820
Delta R.T. -0.01 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

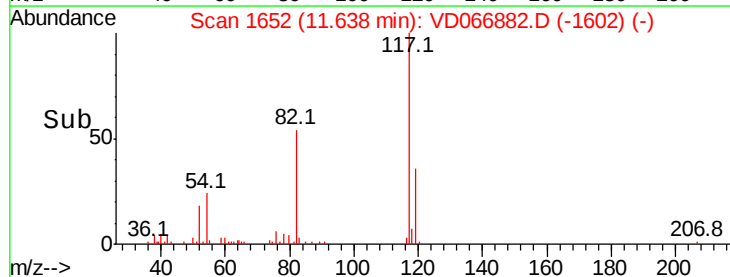
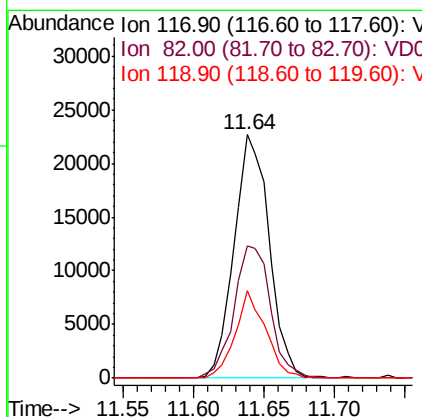
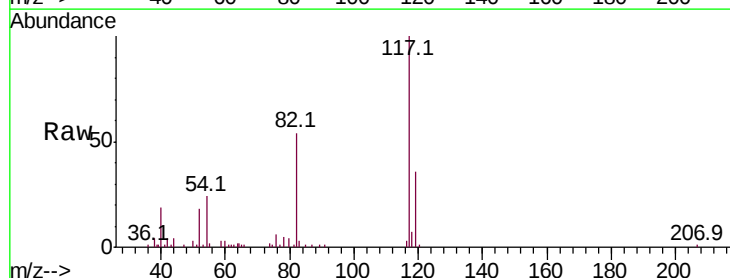
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

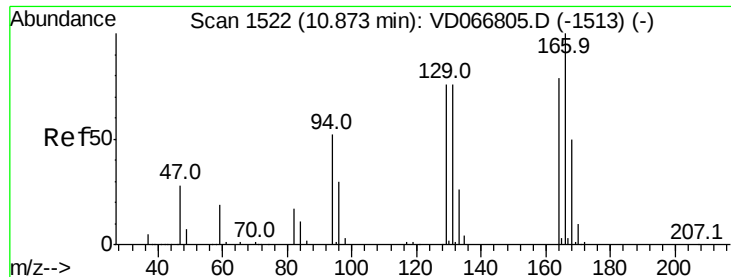
Tot Ion: 95 Resp: 16187
Ion Ratio Lower Upper
95 100
174 85.5 0.0 159.8
176 84.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

Tgt Ion: 117 Resp: 39437
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.6
119 35.8 24.6 37.0





#64

Tetrachloroethene

Concen: 1.512 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

Tot Ion:164 Resp: 429

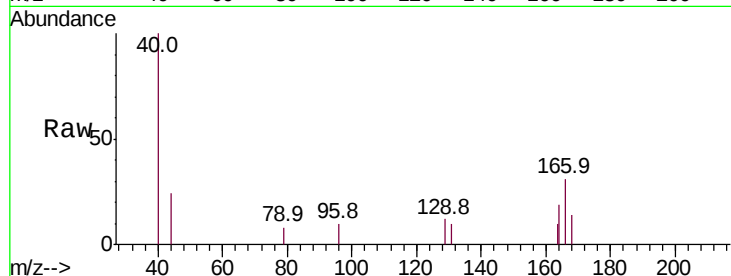
Ion Ratio Lower Upper

164 100

166 108.7 101.1 151.7

129 40.2 77.0 115.4#

131 36.0 76.6 115.0#

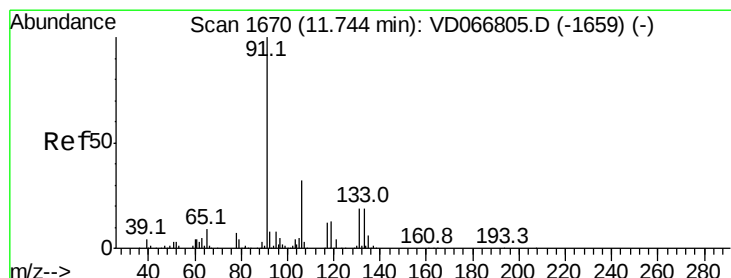
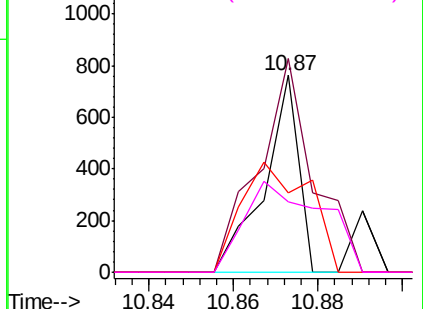
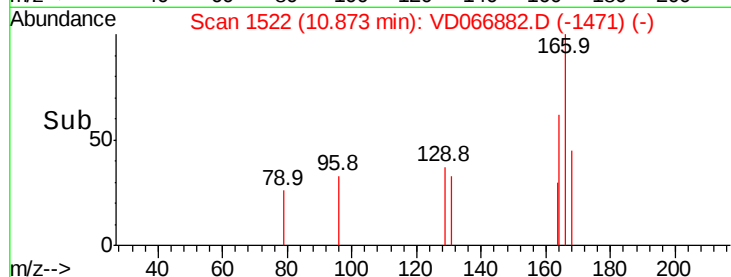


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 2.618 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066882.D

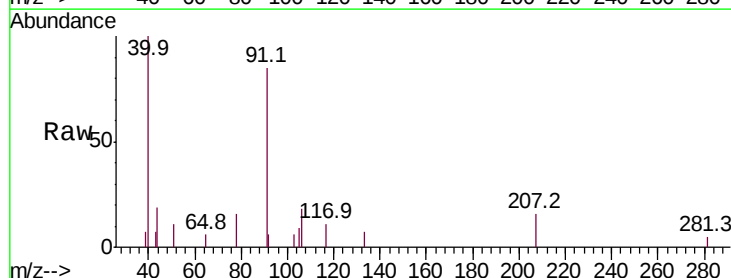
Acq: 25 Sep 2020 18:56

Tgt Ion: 91 Resp: 3774

Ion Ratio Lower Upper

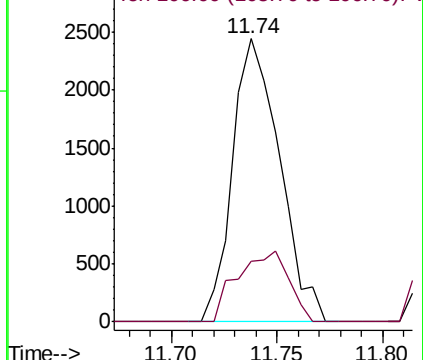
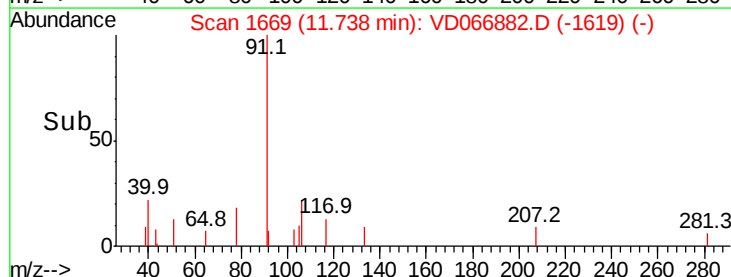
91 100

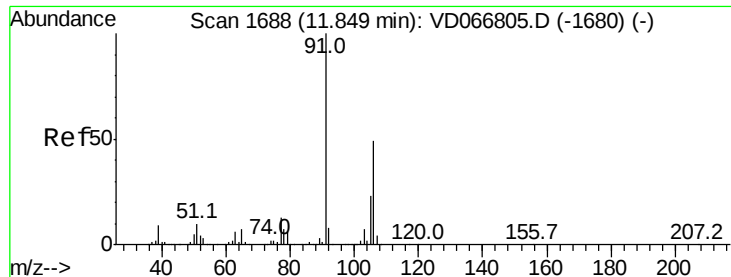
106 21.6 25.6 38.4#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 9.200 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

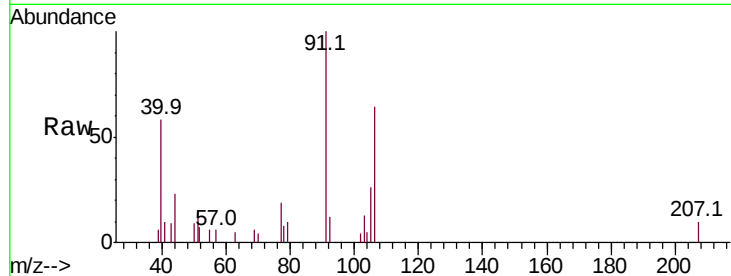
DRUM-COMP-1

Tot Ion:106 Resp: 5022

Ion Ratio Lower Upper

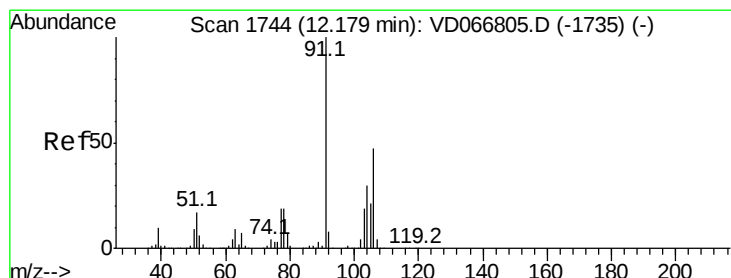
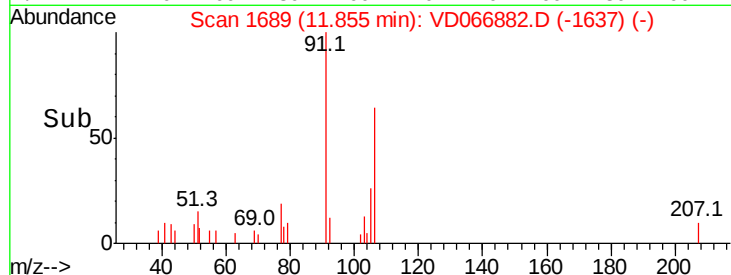
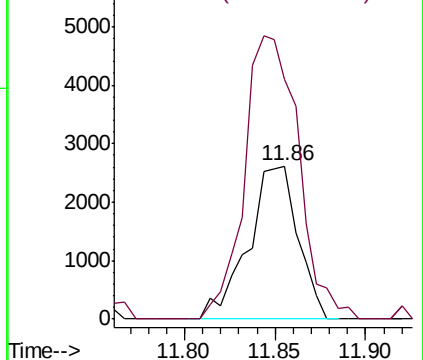
106 100

91 199.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 4.696 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VD066882.D

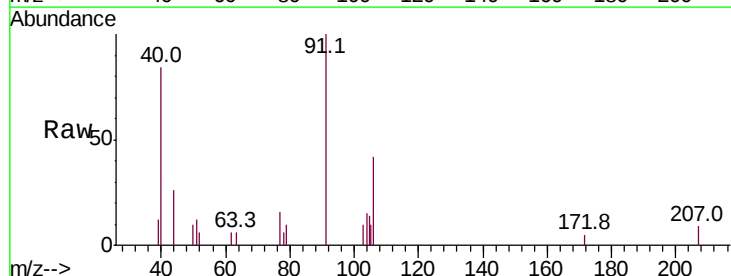
Acq: 25 Sep 2020 18:56

Tgt Ion:106 Resp: 2318

Ion Ratio Lower Upper

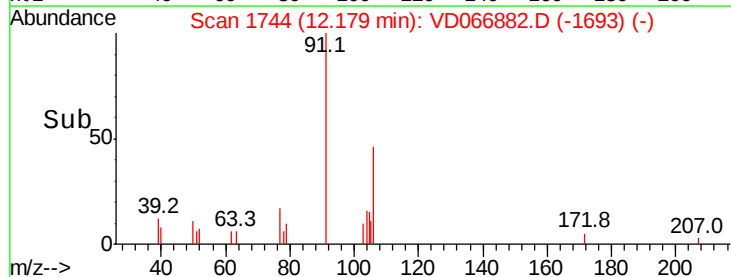
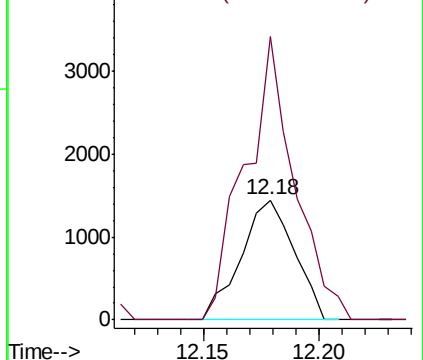
106 100

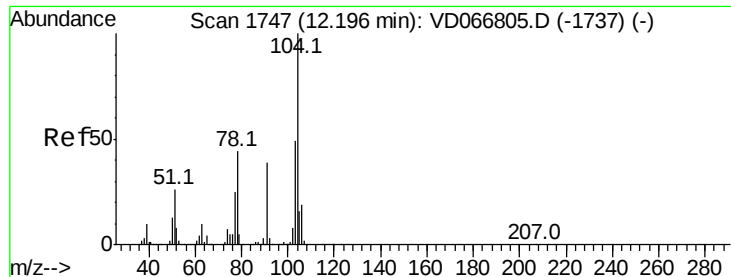
91 220.0 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

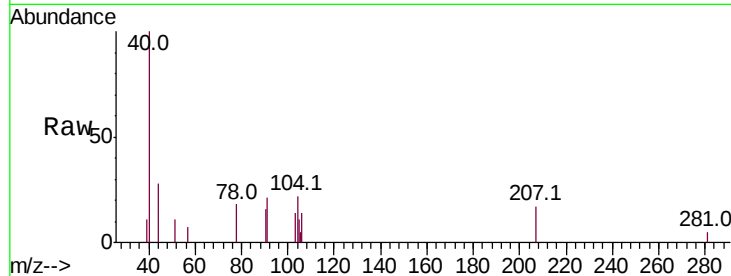




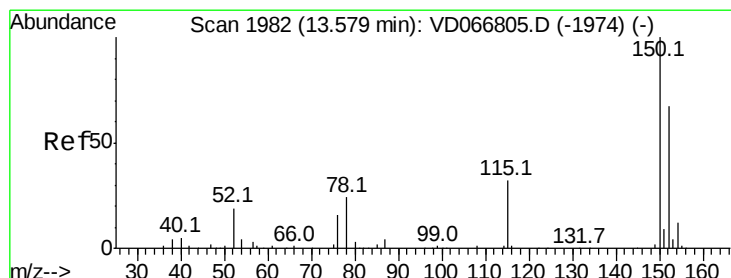
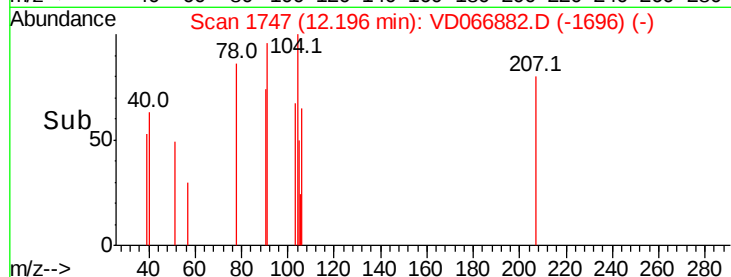
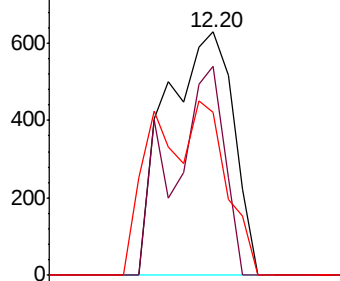
#70
Stvrene
Concen: 1.363 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

Tot Ion:104 Resp: 1168
Ion Ratio Lower Upper
104 100
78 65.1 38.9 58.3#
103 0.0 43.2 64.8#

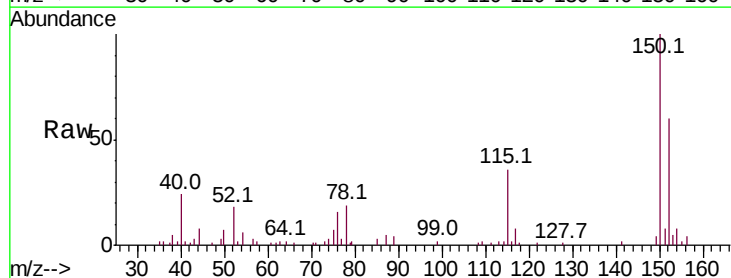


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

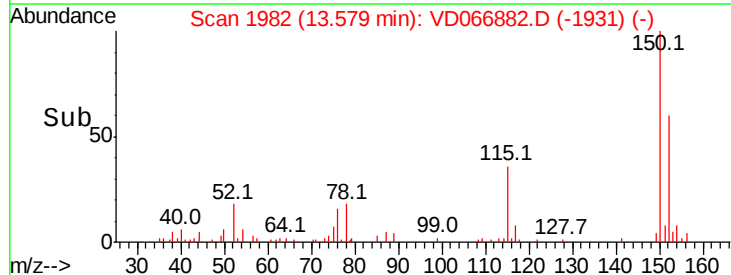
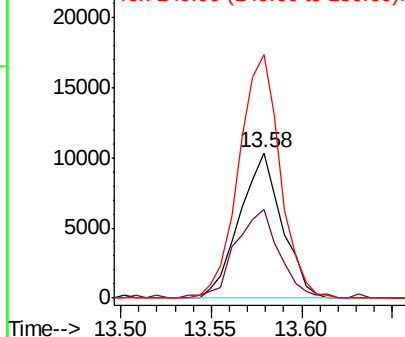


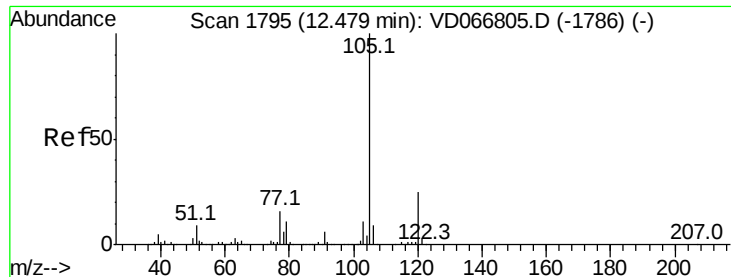
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066882.D
Acq: 25 Sep 2020 18:56

Tgt Ion:152 Resp: 16853
Ion Ratio Lower Upper
152 100
115 63.6 30.3 91.0
150 162.9 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





#73

Isopropylbenzene

Concen: 1.298 ug/l

RT: 12.47 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

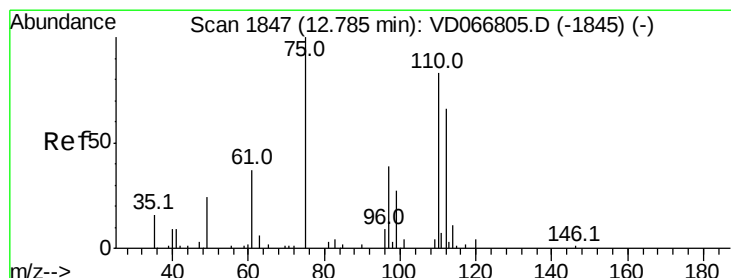
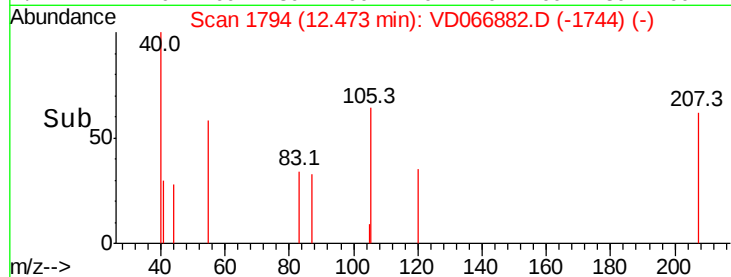
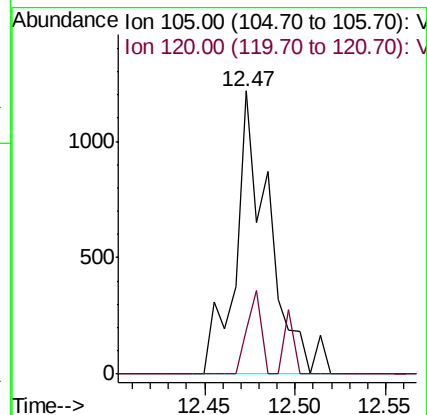
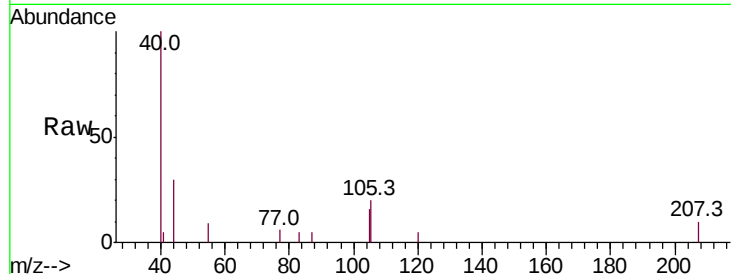
DRUM-COMP-1

Tot Ion:105 Resp: 1580

Ion Ratio Lower Upper

105 100

120 12.3 12.9 38.6#



#76

1,2,3-Trichloropropane

Concen: 62.844 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066882.D

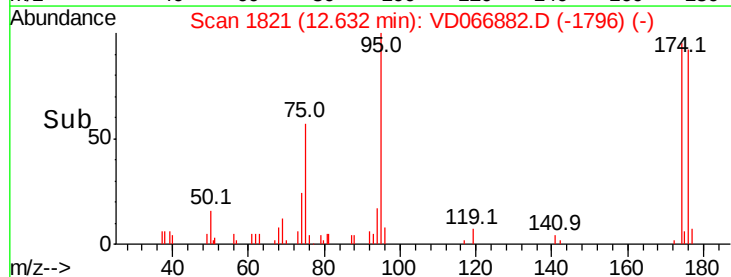
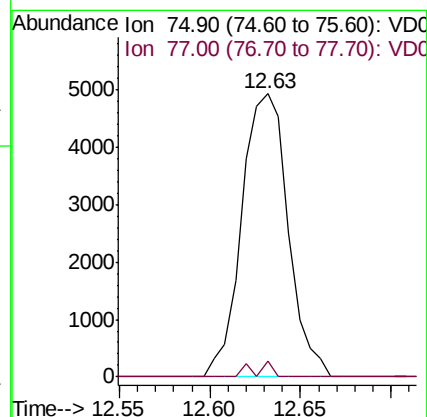
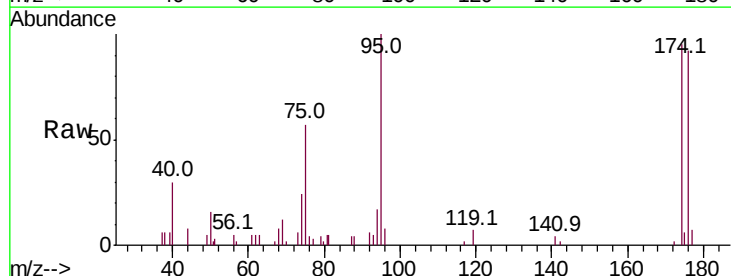
Acq: 25 Sep 2020 18:56

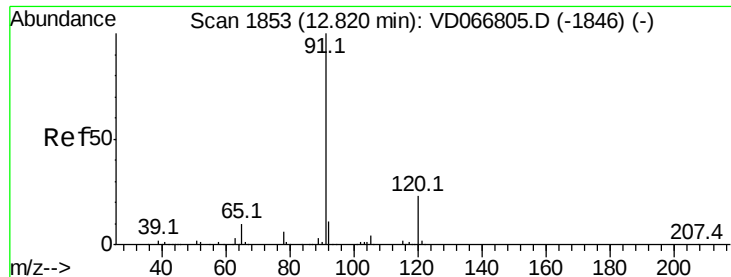
Tgt Ion: 75 Resp: 8777

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#





#78

n-propylbenzene

Concen: 1.219 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

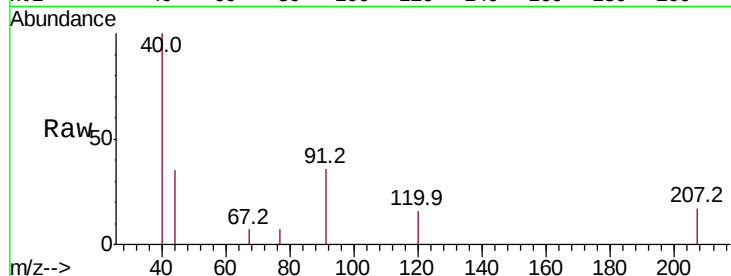
DRUM-COMP-1

Tot Ion: 91 Resp: 1785

Ion Ratio Lower Upper

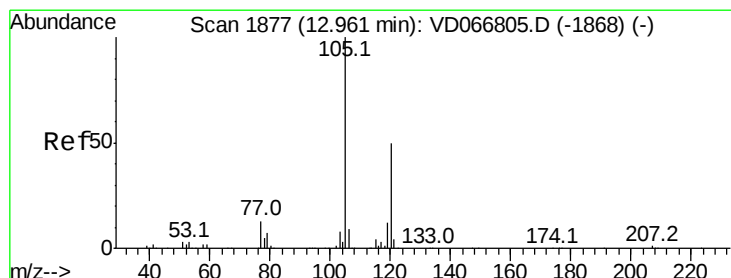
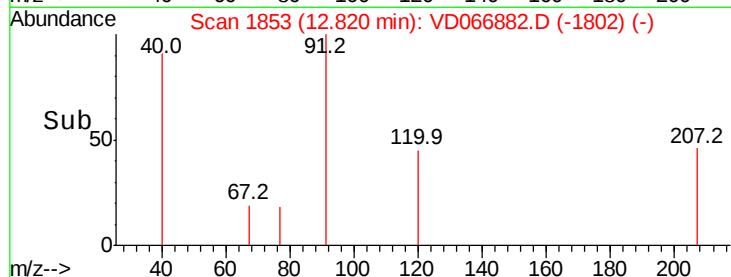
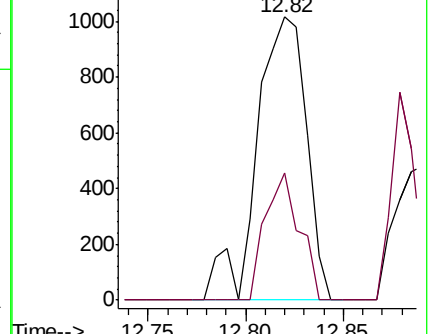
91 100

120 31.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.691 ug/l

RT: 12.96 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VD066882.D

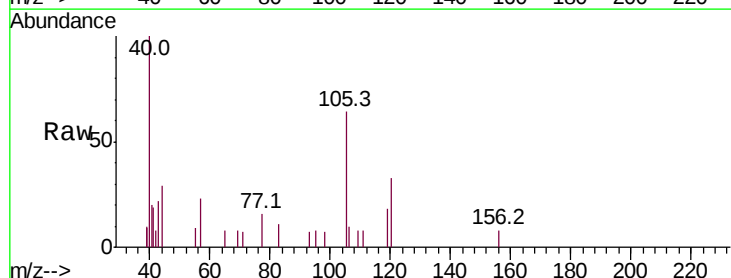
Acq: 25 Sep 2020 18:56

Tgt Ion: 105 Resp: 1747

Ion Ratio Lower Upper

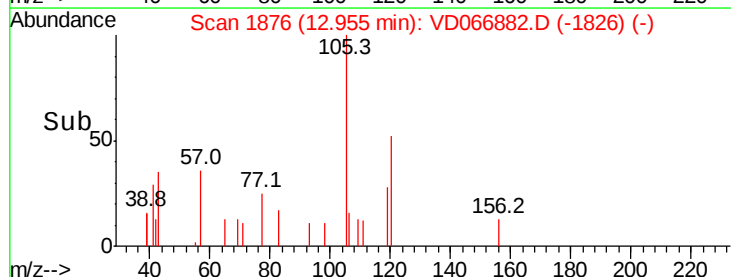
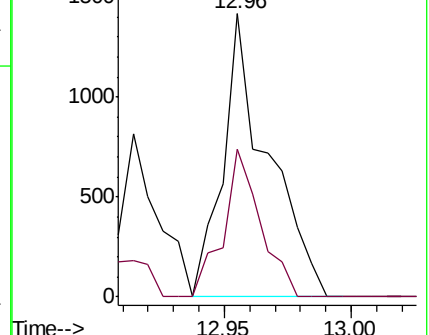
105 100

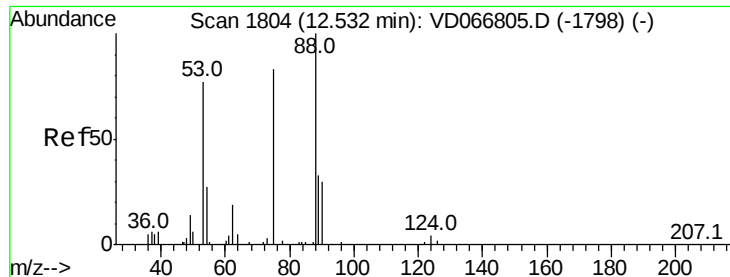
120 42.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 157.229 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

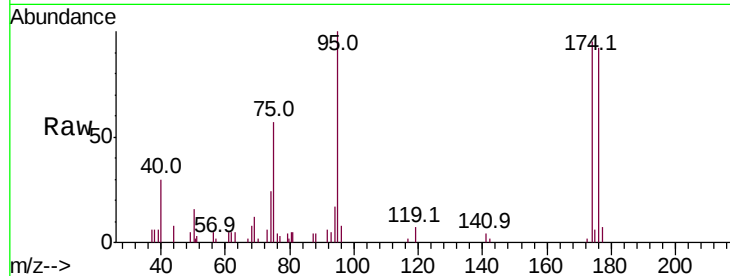
Tot Ion: 75 Resp: 8777

Ion Ratio Lower Upper

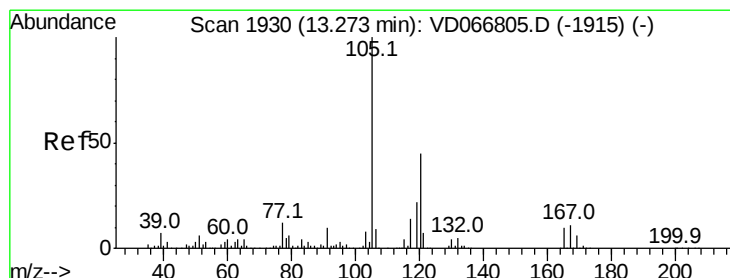
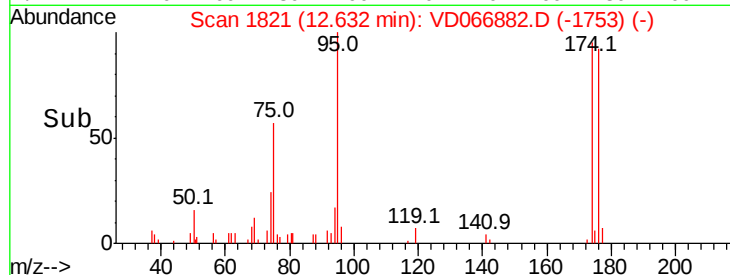
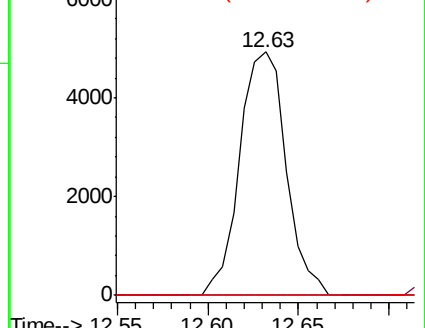
75 100

53 0.0 78.5 117.7#

89 0.0 38.1 57.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#84

1,2,4-Trimethylbenzene

Concen: 4.115 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066882.D

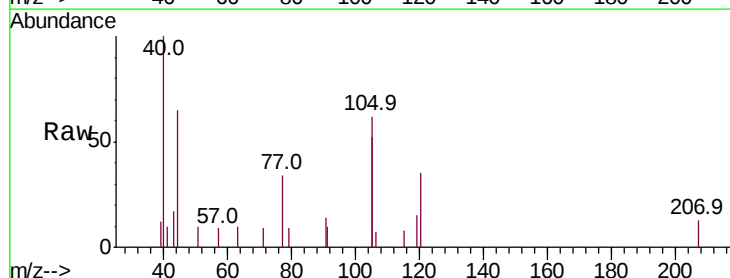
Acq: 25 Sep 2020 18:56

Tgt Ion:105 Resp: 4215

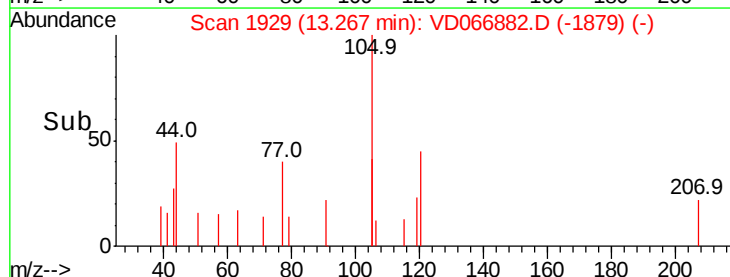
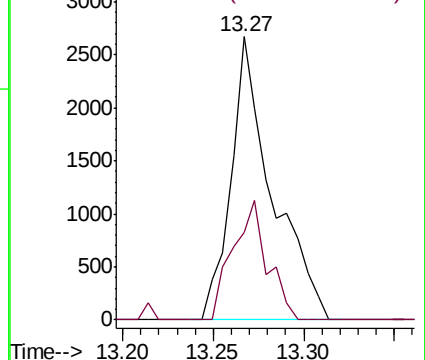
Ion Ratio Lower Upper

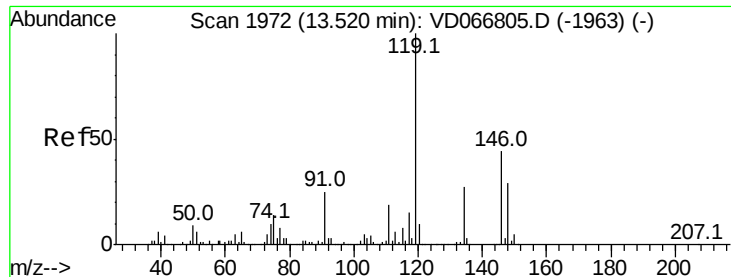
105 100

120 35.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

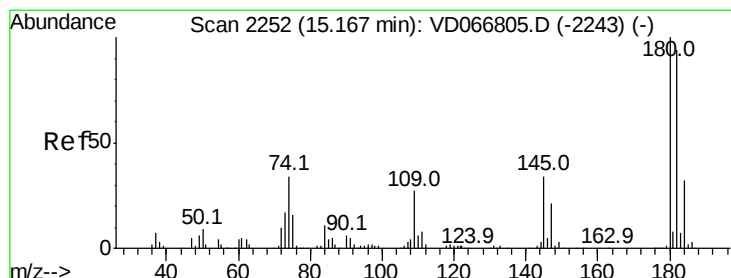
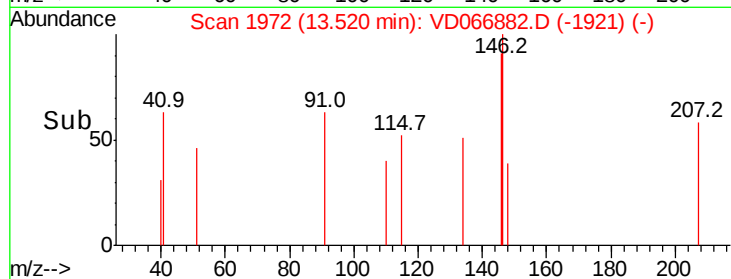
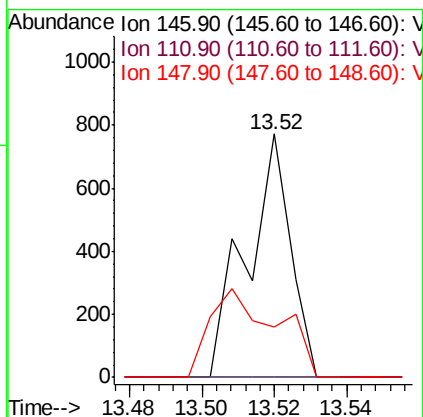
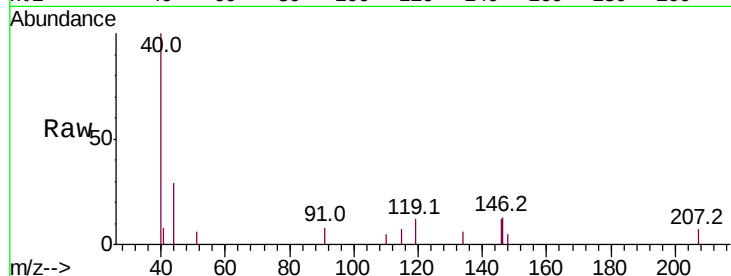




#87
 1,3-Dichlorobenzene
 Concen: 1.148 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066882.D
 Acq: 25 Sep 2020 18:56

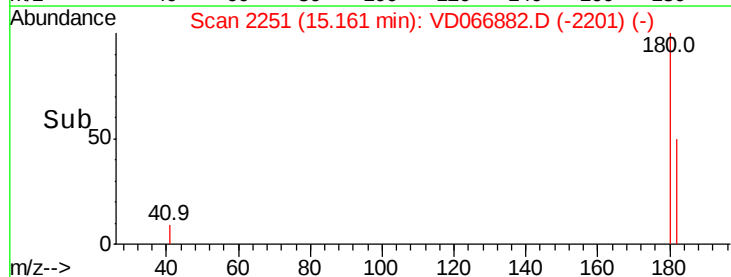
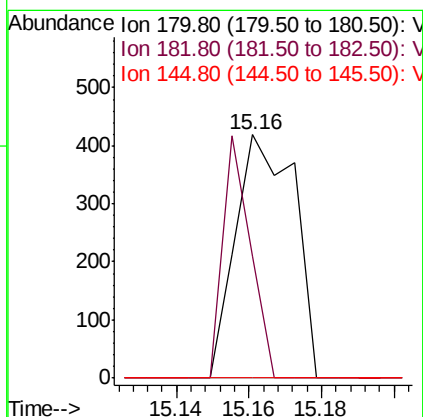
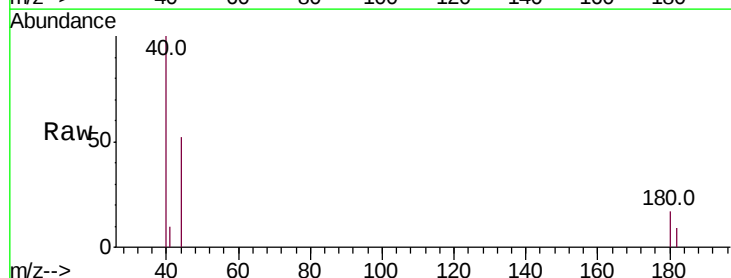
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-1

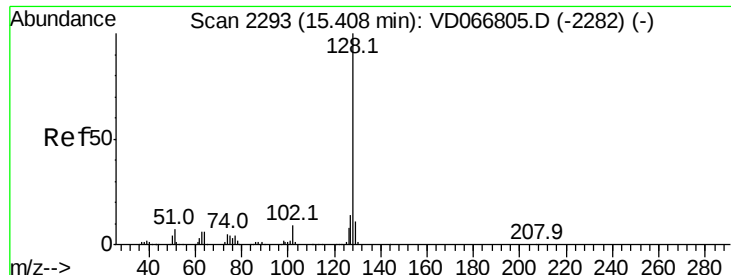
Tot Ion:146 Resp: 646
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 60.9#
 148 55.6 31.9 95.5



#93
 1,2,4-Trichlorobenzene
 Concen: 1.574 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD066882.D
 Acq: 25 Sep 2020 18:56

Tgt Ion:180 Resp: 477
 Ion Ratio Lower Upper
 180 100
 182 46.3 48.8 146.3#
 145 0.0 16.7 50.0#





#95

Naphthalene

Concen: 25.429 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066882.D

Acq: 25 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-1

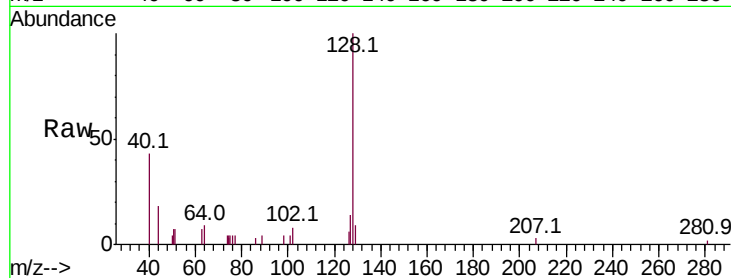
Tot Ion:128 Resp: 13080

Ion Ratio Lower Upper

128 100

127 15.4 10.6 16.0

129 12.2 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

