

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066876.D
 Acq On : 25 Sep 2020 16:11
 Operator : VA/SY
 Sample : L4128-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1

Quant Time: Sep 26 03:01:28 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	406607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	694733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	699131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	314571	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	205197	51.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.12%	
35) Dibromofluoromethane	7.91	113	223957	50.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.34%	
50) Toluene-d8	10.34	98	840121	55.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.58%	
62) 4-Bromofluorobenzene	12.63	95	303781	58.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.86%	

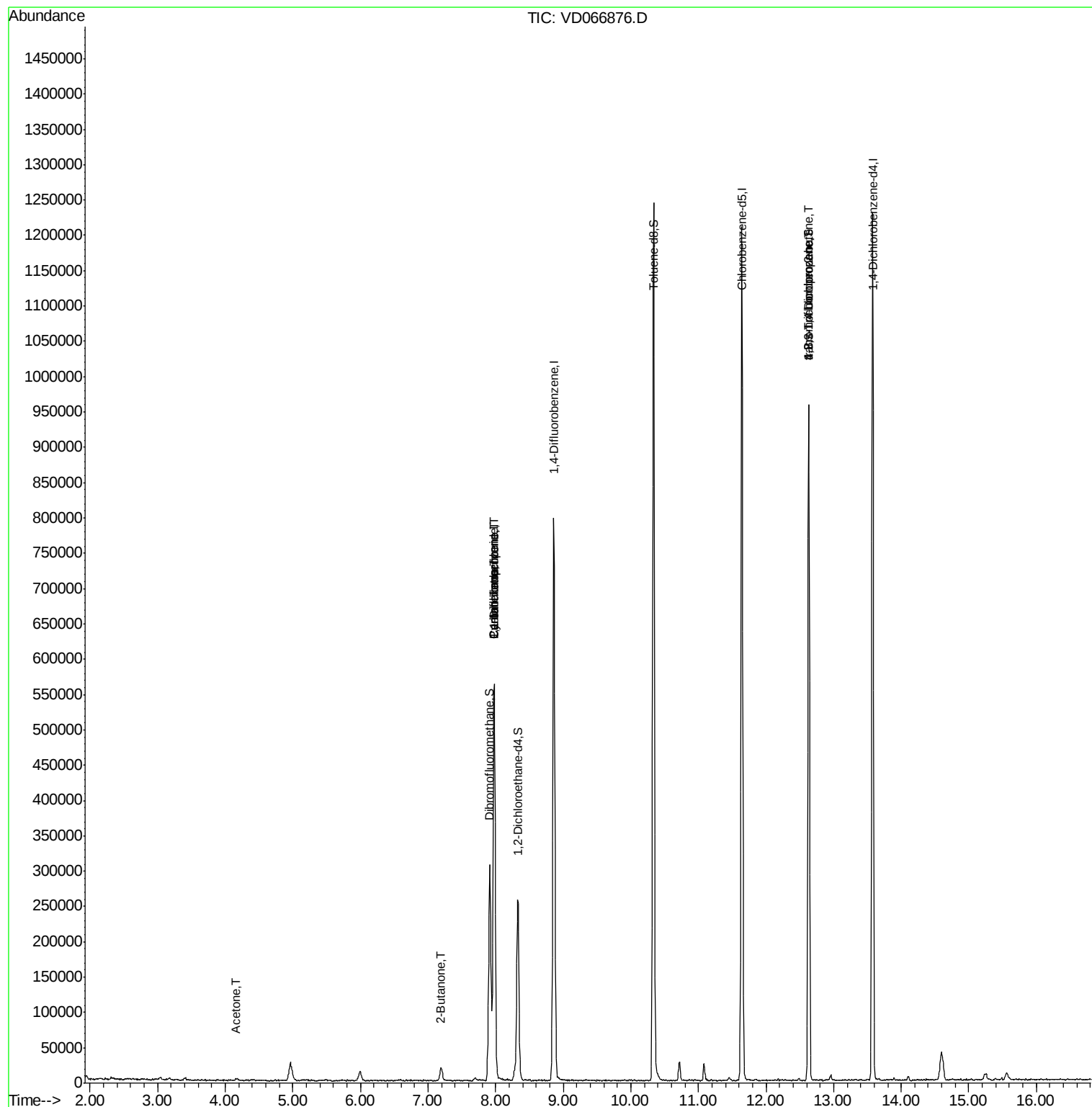
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	269	Below Cal	#	46
11) Tert butyl alcohol	5.20	59	708	Below Cal	#	72
16) Acetone	4.16	43	5340	6.325	ug/l	90
18) Methyl Acetate	4.55	43	54	Below Cal	#	50
20) Methylene Chloride	4.96	84	18267	Below Cal	#	86
25) 2-Butanone	7.19	43	1390	1.370	ug/l	# 46
31) Cyclohexane	7.98	56	10529	1.455	ug/l	# 11
36) 1,1-Dichloropropene	7.97	75	34059	4.942	ug/l	# 49
38) Carbon Tetrachloride	7.97	117	43339	5.752	ug/l	# 15
49) 1,4-Dioxane	9.47	88	67	Below Cal	#	23
76) 1,2,3-Trichloropropane	12.63	75	159406	61.147	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	159406	152.985	ug/l	# 10

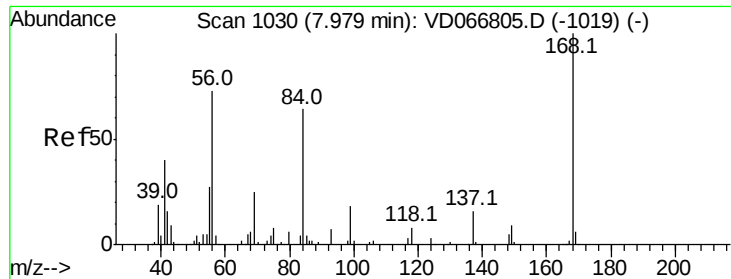
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066876.D
Acq On : 25 Sep 2020 16:11
Operator : VA/SY
Sample : L4128-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

Quant Time: Sep 26 03:01:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

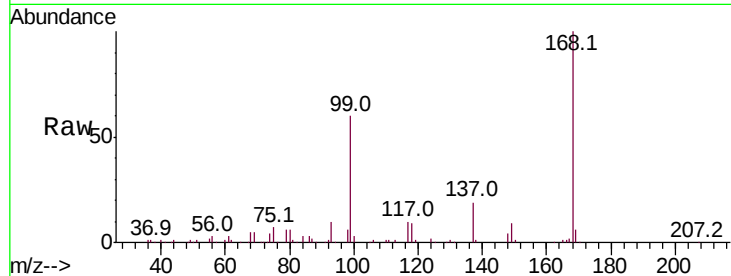
DRUM-1

Tot Ion:168 Resp: 406607

Ion Ratio Lower Upper

168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

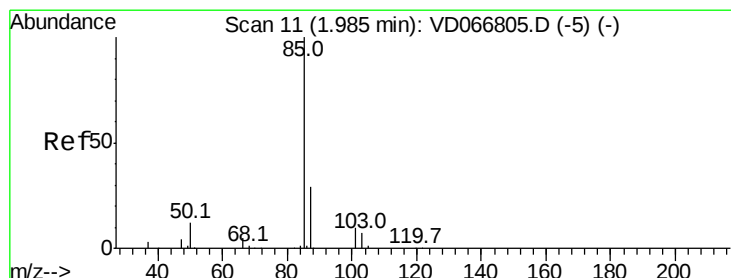
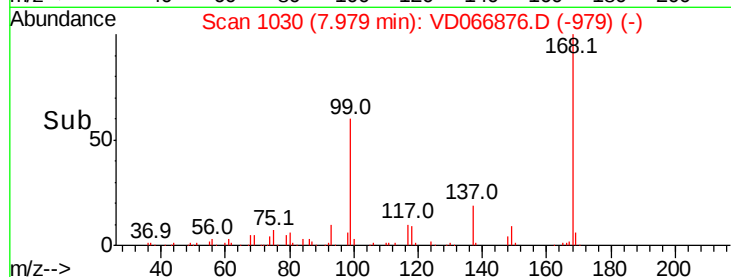
100000

50000

0

7.85 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: VD066876.D

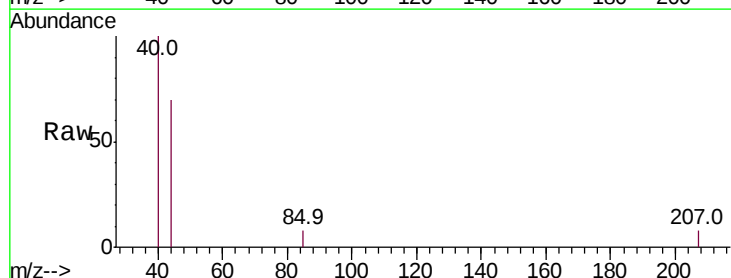
Acq: 25 Sep 2020 16:11

Tgt Ion: 85 Resp: 269

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

1.99

300

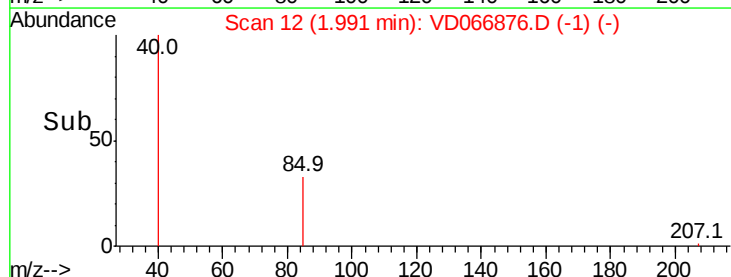
200

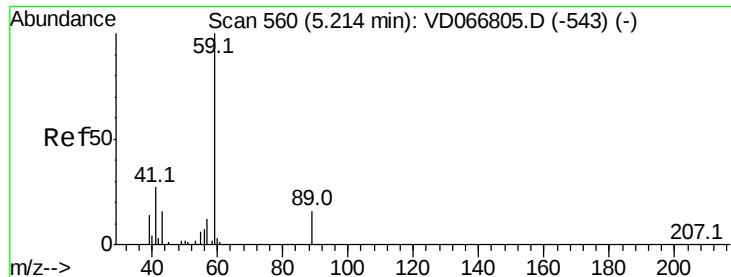
100

0

1.96 1.98 2.00 2.02

Time-->



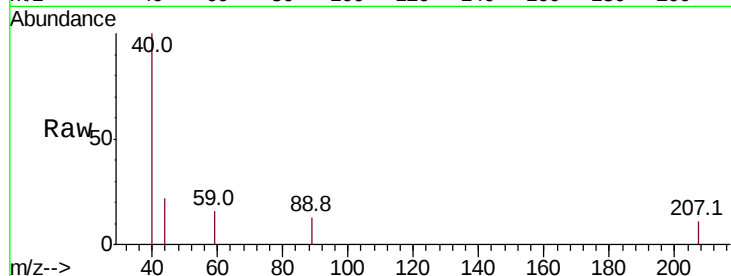


#11

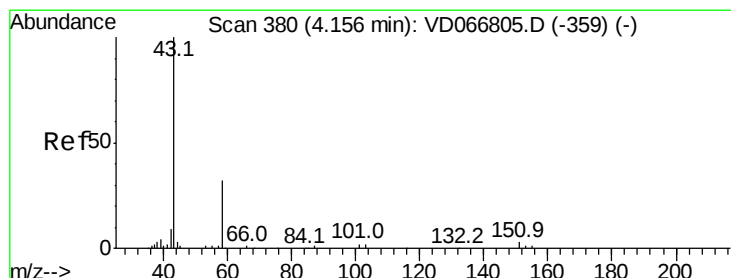
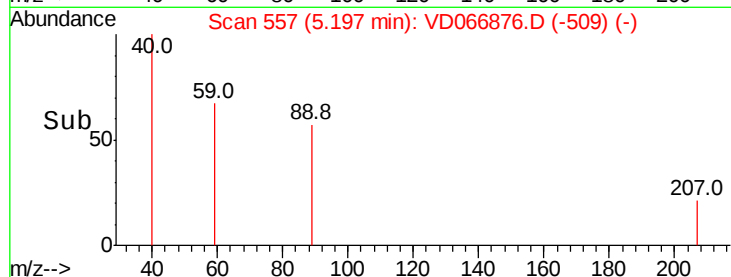
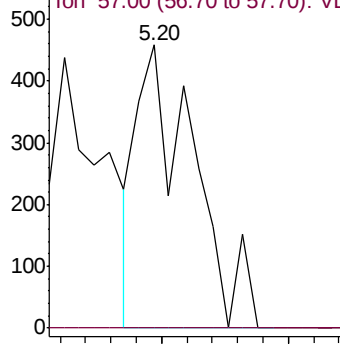
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD066876.D
 Acq: 25 Sep 2020 16:11

Instrument :
 MSVOA_D
 ClientSampleID :
 DRUM-1

Tot Ion: 59 Resp: 708
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



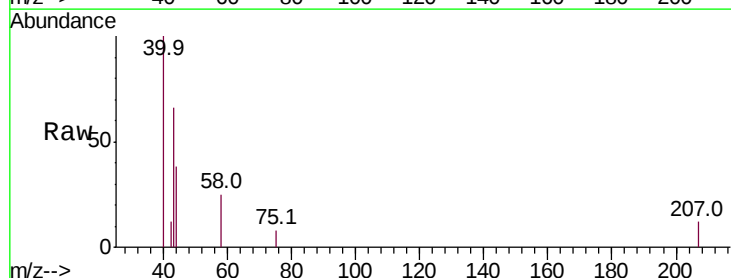
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



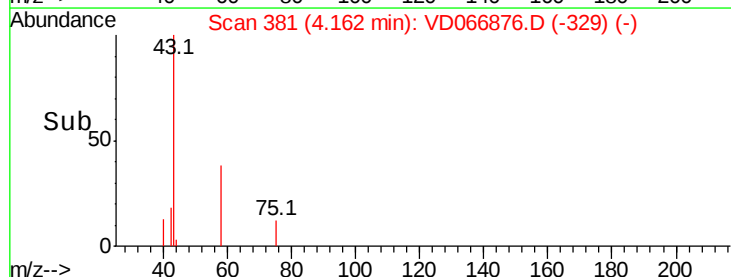
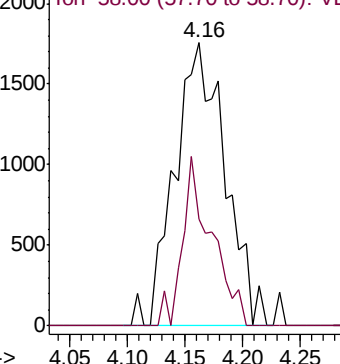
#16

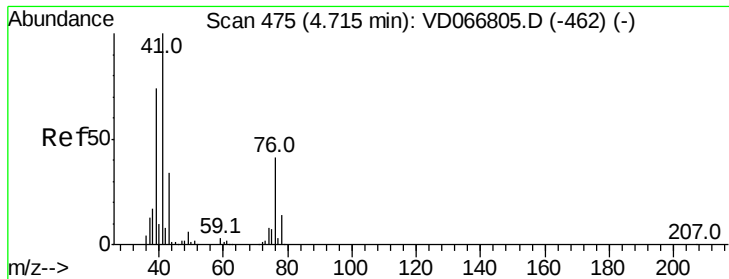
Acetone
 Concen: 6.325 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066876.D
 Acq: 25 Sep 2020 16:11

Tgt Ion: 43 Resp: 5340
 Ion Ratio Lower Upper
 43 100
 58 37.8 25.6 38.4



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

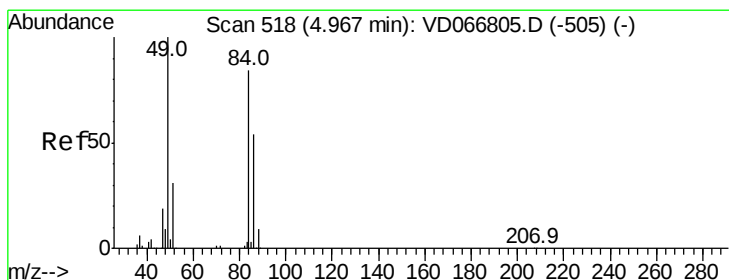
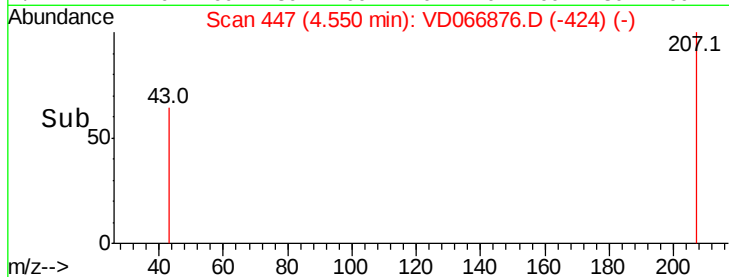
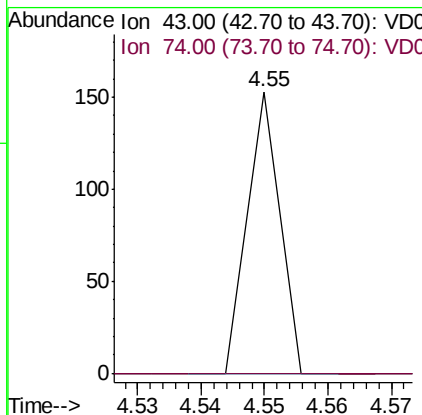
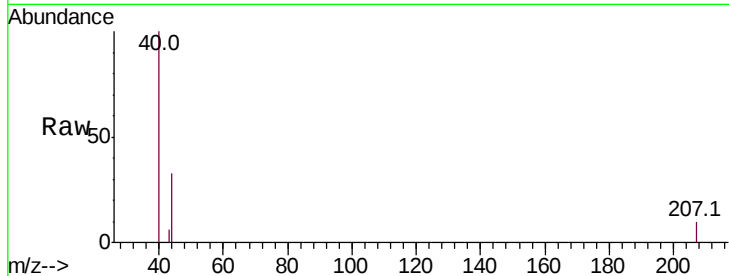




#18
Methyl Acetate
Concen: Below Cal
RT: 4.55 min Scan# 447
Delta R.T. -0.16 min
Lab File: VD066876.D
Acq: 25 Sep 2020 16:11

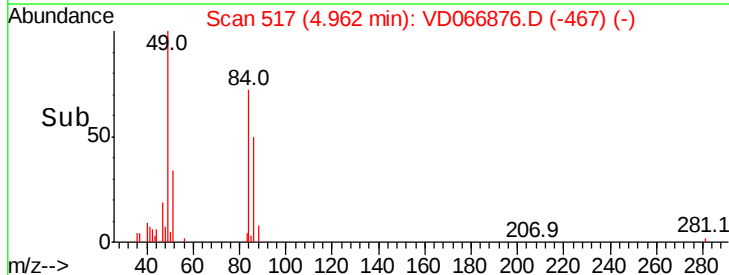
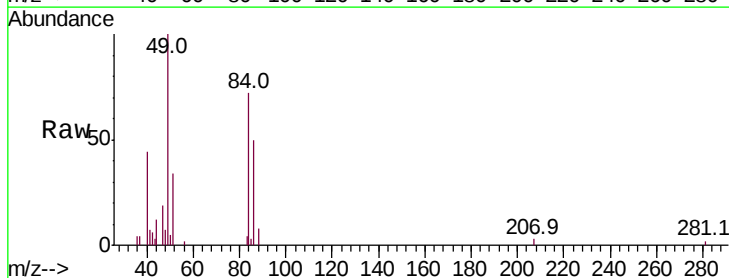
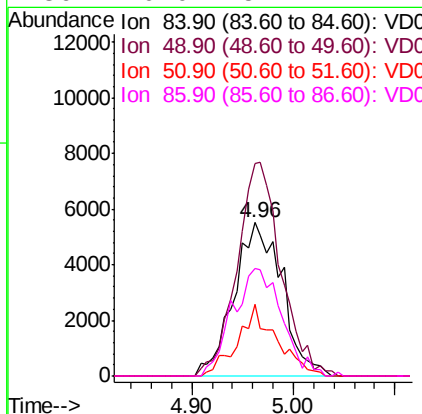
Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

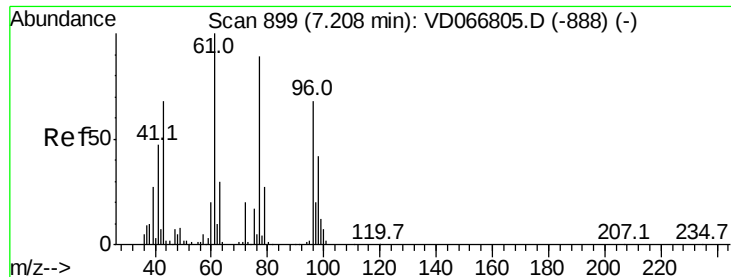
Tot Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066876.D
Acq: 25 Sep 2020 16:11

Tgt Ion: 84 Resp: 18267
Ion Ratio Lower Upper
84 100
49 139.0 95.4 143.2
51 46.6 29.7 44.5#
86 70.0 51.4 77.2





#25

2-Butanone

Concen: 1.370 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

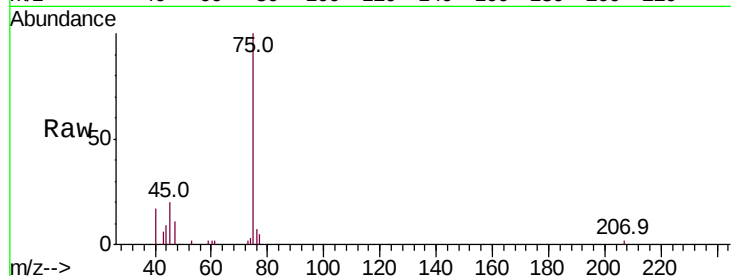
DRUM-1

Tot Ion: 43 Resp: 1390

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

7.19

800

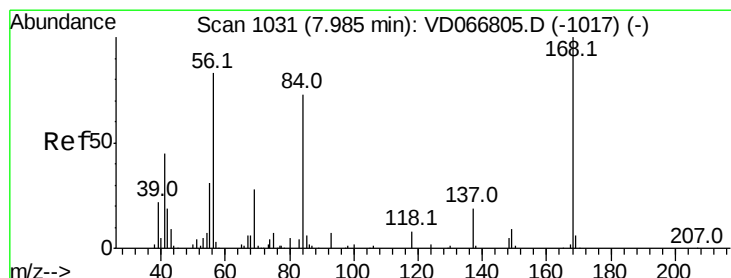
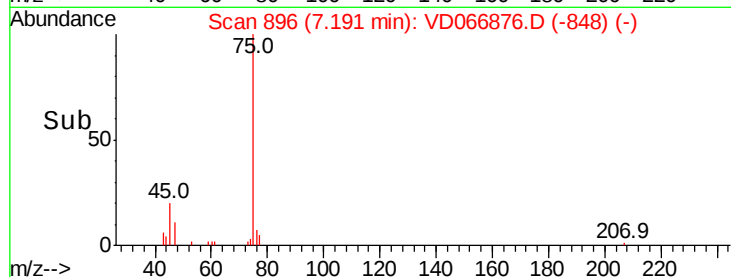
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.455 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

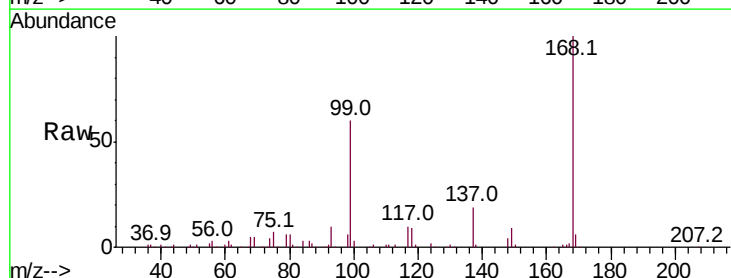
Tgt Ion: 56 Resp: 10529

Ion Ratio Lower Upper

56 100

69 163.2 27.0 40.4#

84 121.7 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

10000

8000

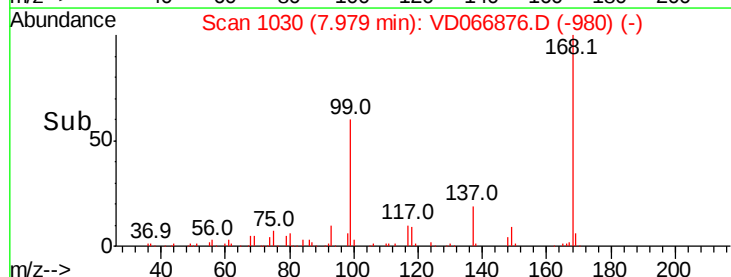
6000

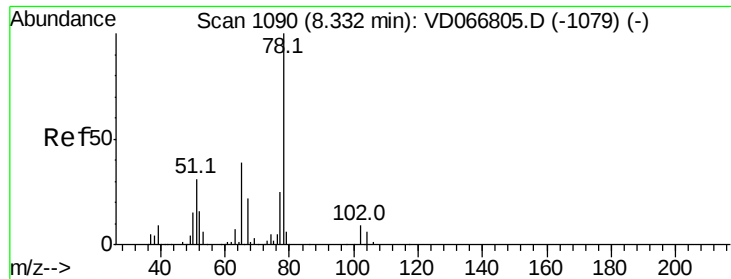
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.561 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampled :

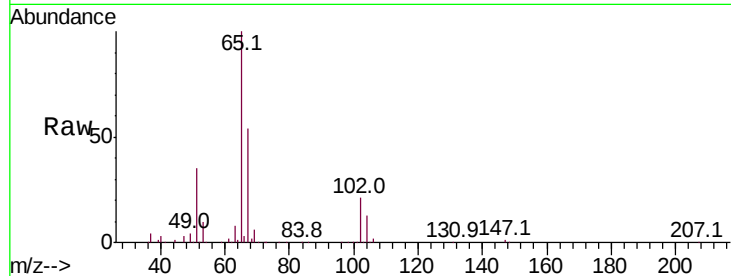
DRUM-1

Tot Ion: 65 Resp: 205197

Ion Ratio Lower Upper

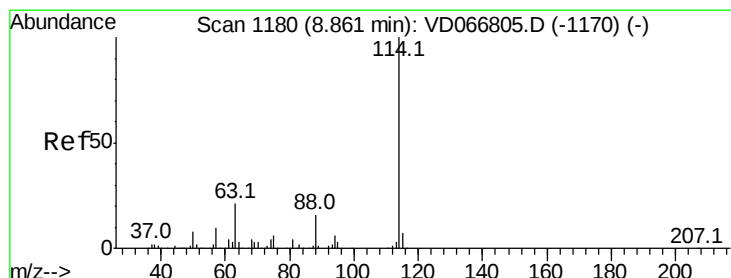
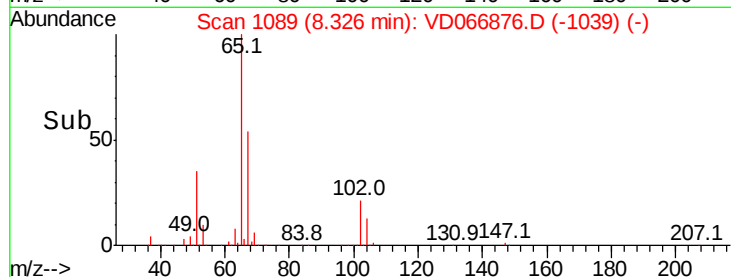
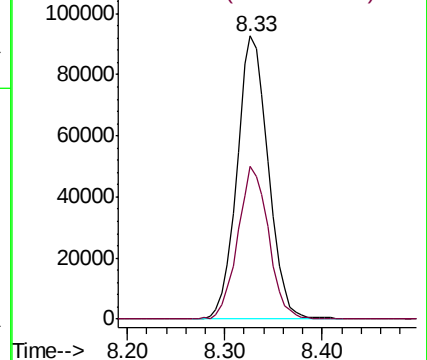
65 100

67 53.1 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: VD066876.D

Acq: 25 Sep 2020 16:11

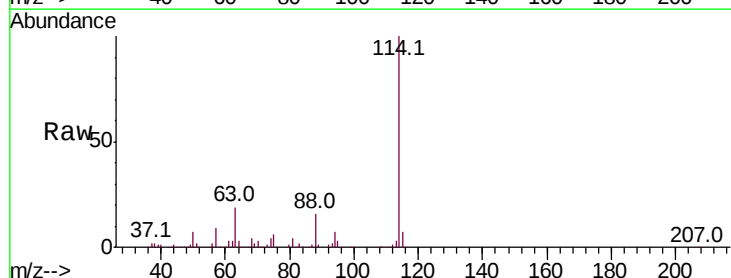
Tgt Ion: 114 Resp: 694733

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

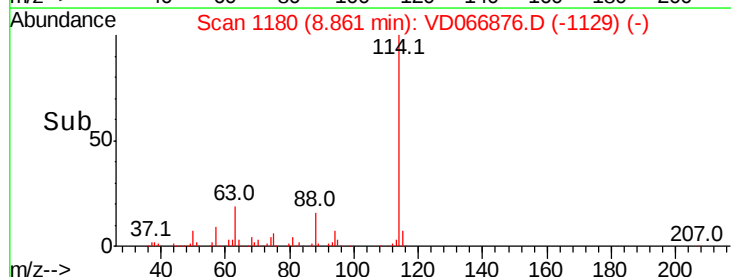
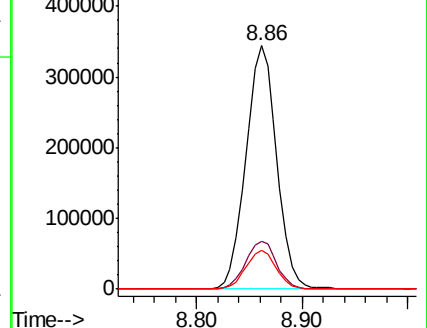
88 15.8 0.0 32.6

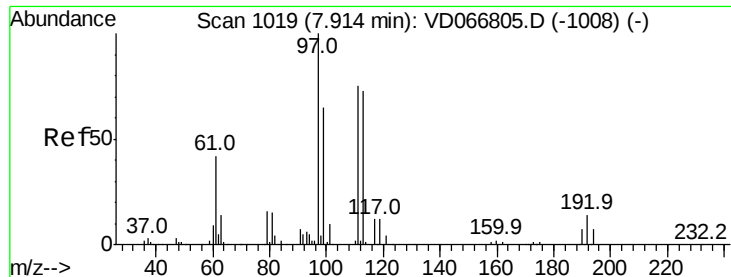


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

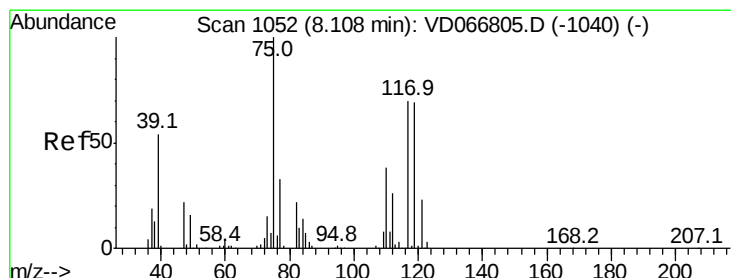
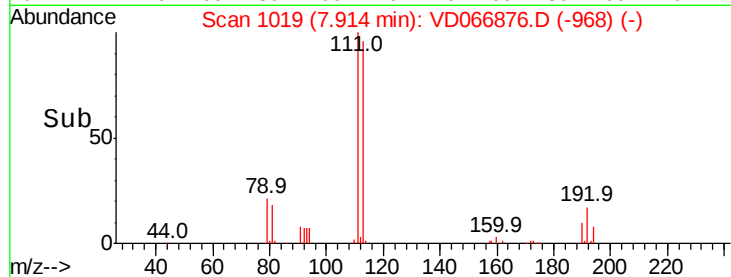
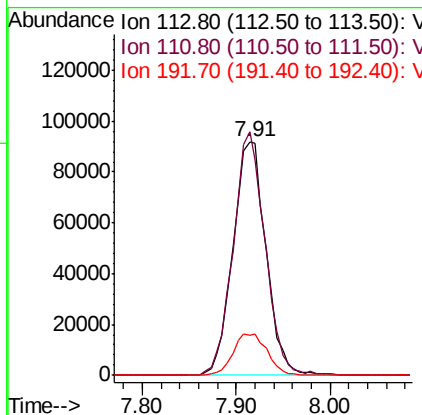
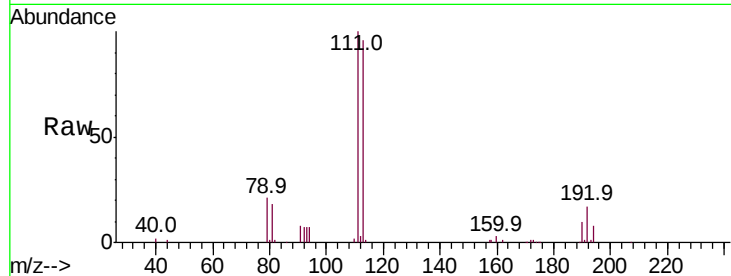




#35
 Dibromofluoromethane
 Concen: 50.670 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066876.D
 Acq: 25 Sep 2020 16:11

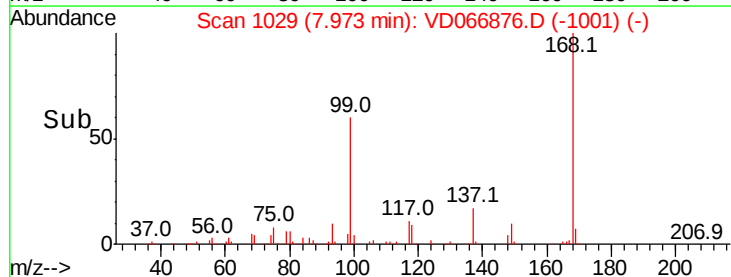
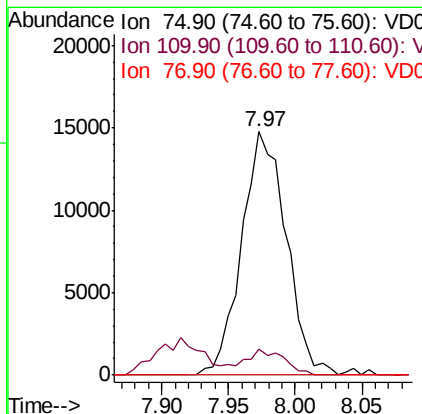
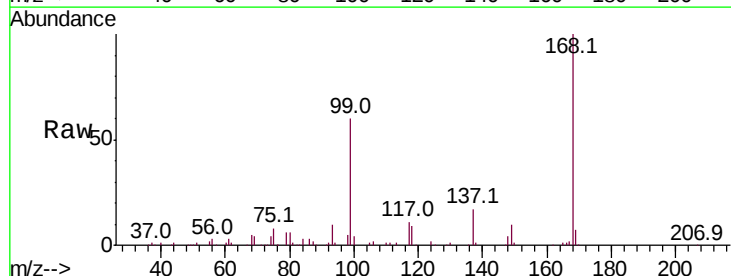
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1

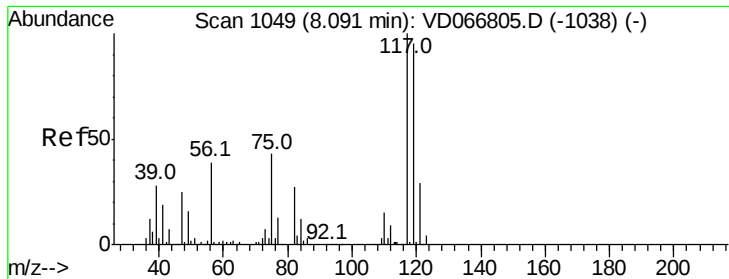
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.8
192	18.4	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 4.942 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066876.D
 Acq: 25 Sep 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.8#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.752 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleID :

DRUM-1

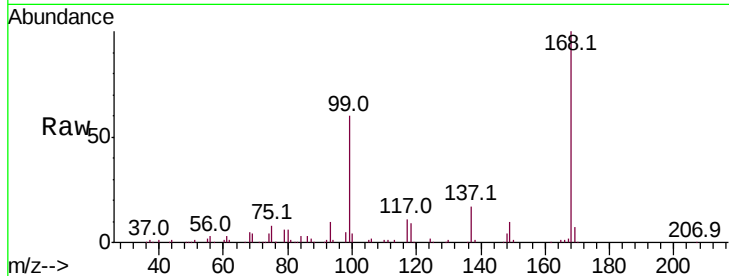
Tot Ion:117 Resp: 43339

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

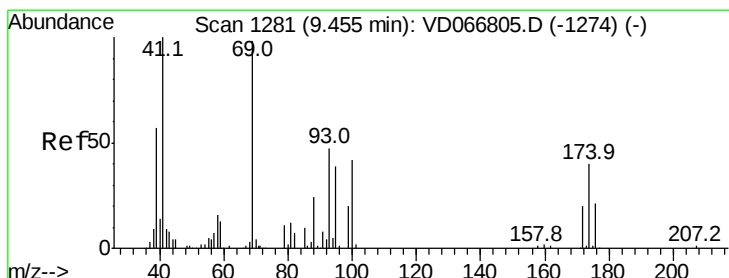
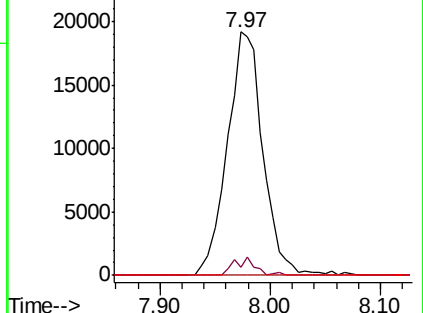
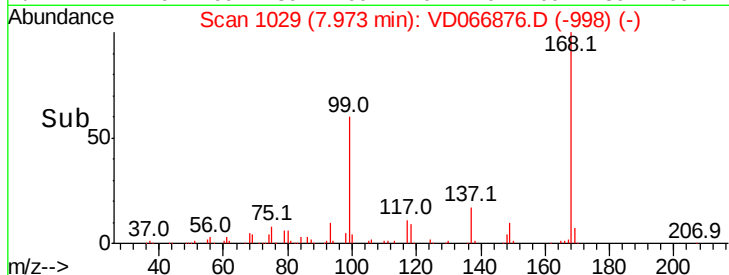
121 0.0 23.4 35.0#



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.47 min Scan# 1284

Delta R.T. 0.02 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

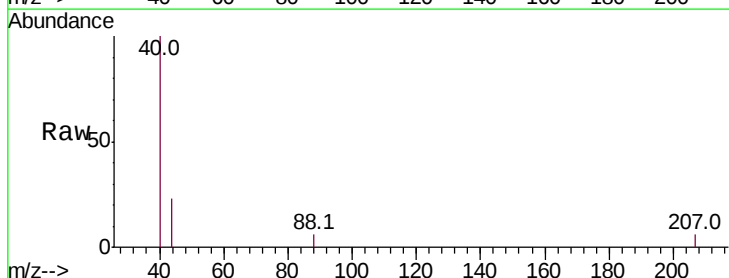
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

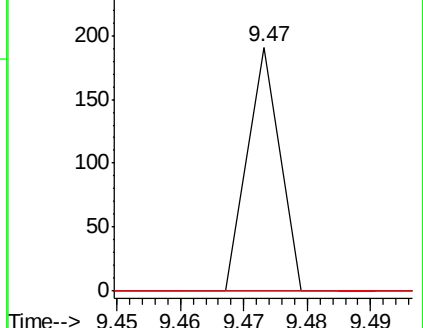
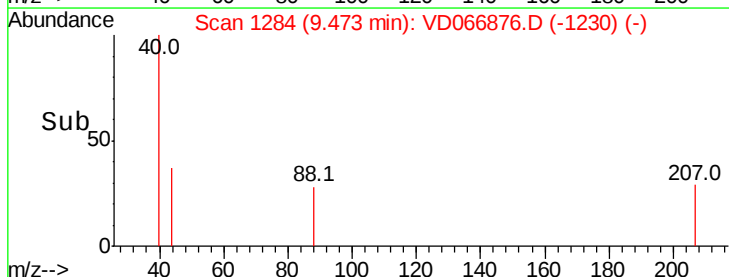
58 0.0 55.5 83.3#

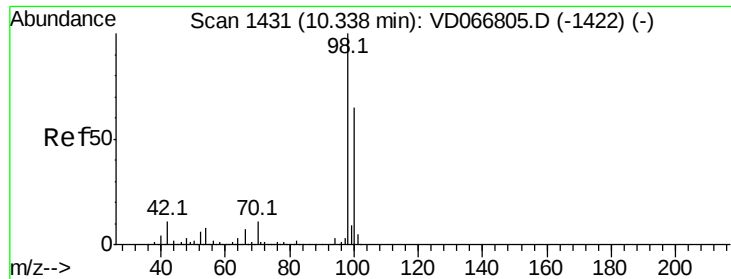


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

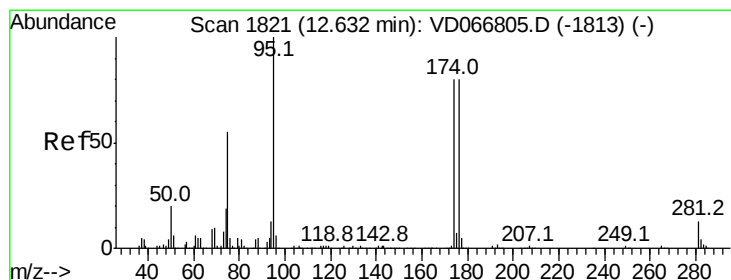
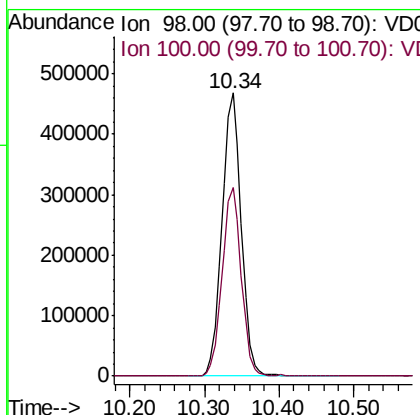
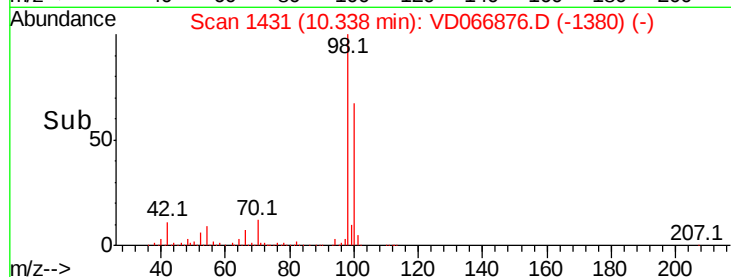
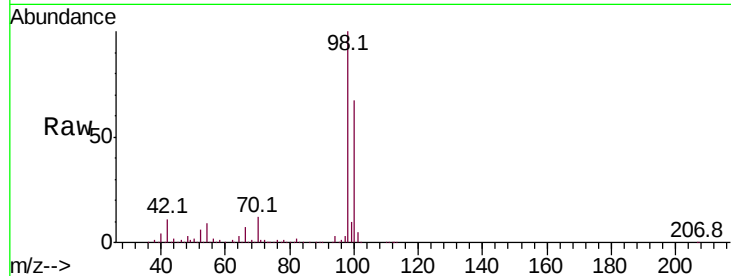




#50
Toluene-d8
Concen: 55.787 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066876.D
Acq: 25 Sep 2020 16:11

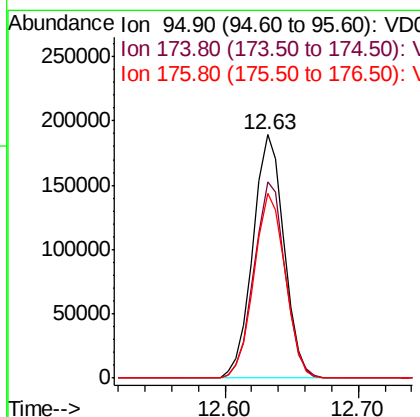
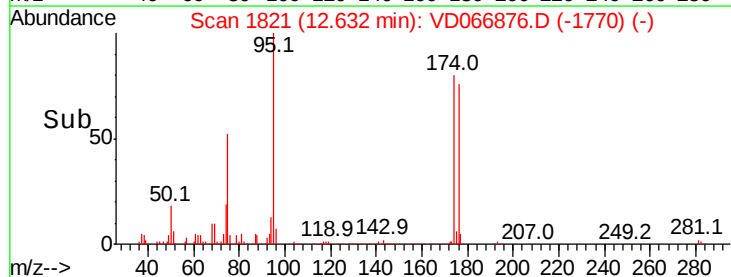
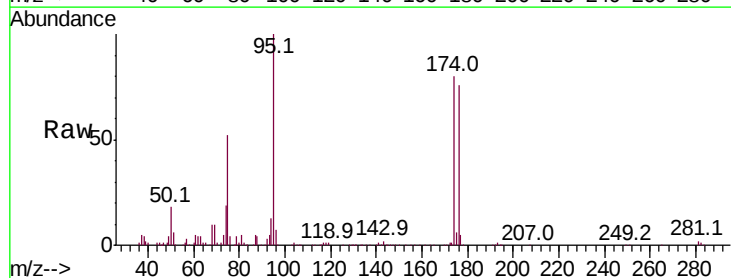
Instrument :
MSVOA_D
ClientSampleId :
DRUM-1

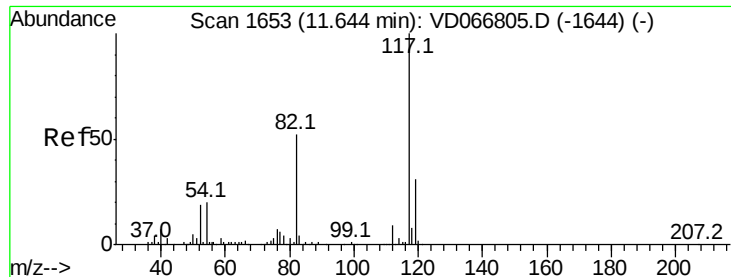
Tot Ion: 98 Resp: 840121
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 58.926 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066876.D
Acq: 25 Sep 2020 16:11

Tgt Ion: 95 Resp: 303781
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.8
176 76.5 0.0 154.4

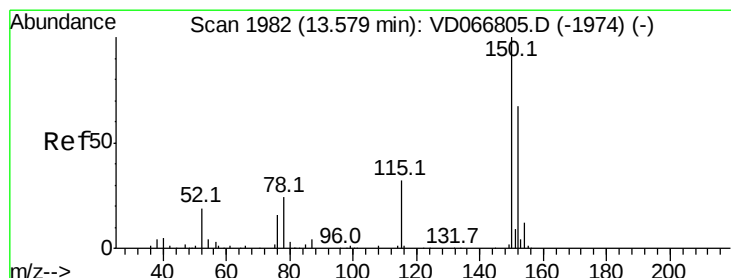
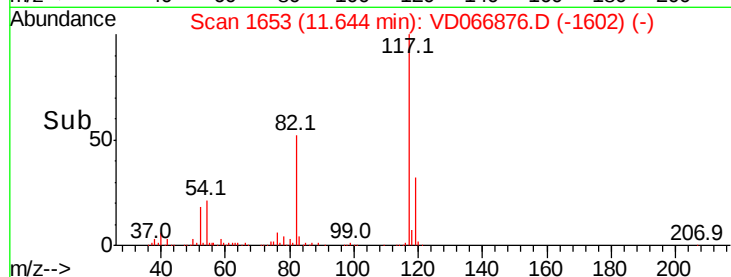
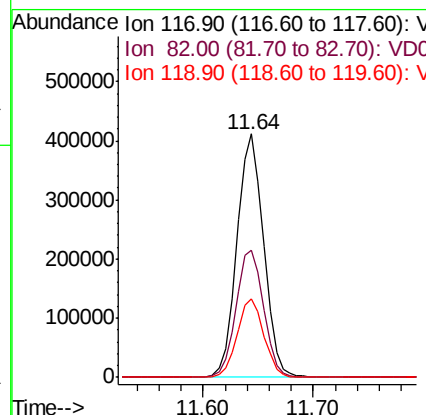
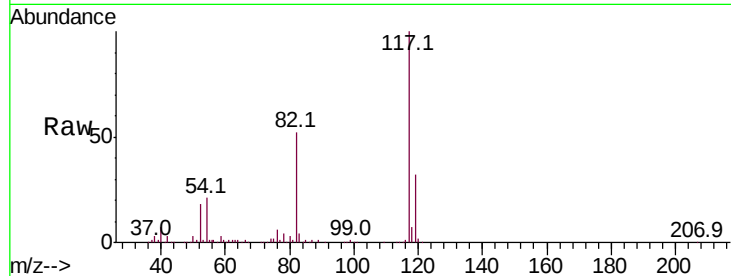




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066876.D
Acq: 25 Sep 2020 16:11

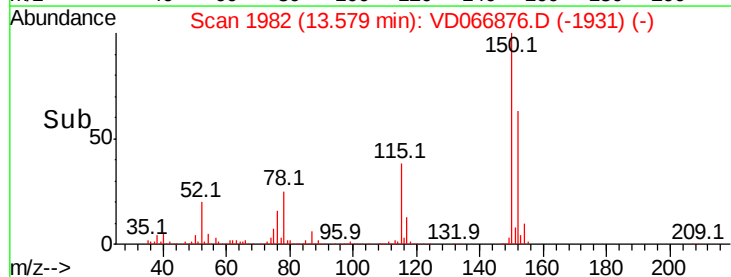
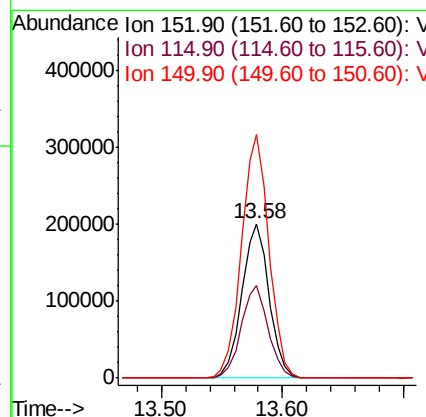
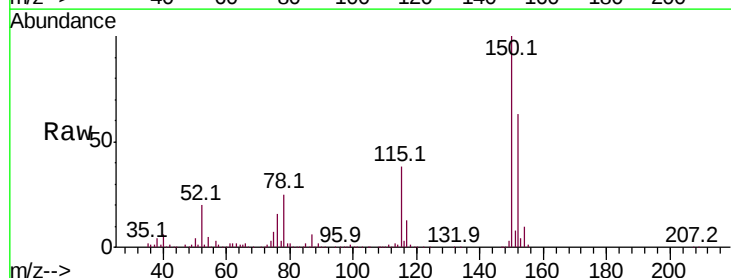
Instrument :
MSVOA_D
ClientSampled :
DRUM-1

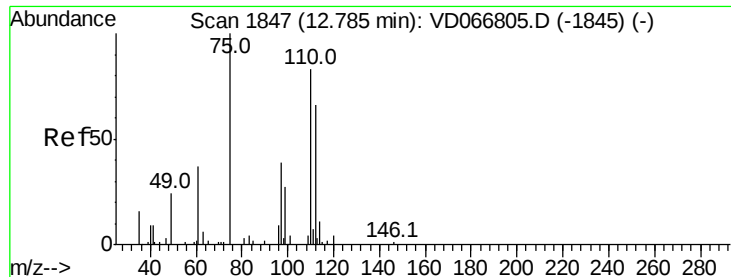
Tot Ion:117 Resp: 699131
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.6
119 32.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066876.D
Acq: 25 Sep 2020 16:11

Tgt Ion:152 Resp: 314571
Ion Ratio Lower Upper
152 100
115 59.6 30.3 91.0
150 159.1 0.0 346.2





#76

1,2,3-Trichloropropane

Concen: 61.147 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampled :

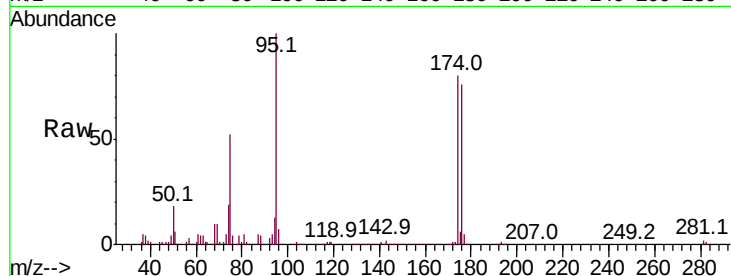
DRUM-1

Tot Ion: 75 Resp: 159406

Ion Ratio Lower Upper

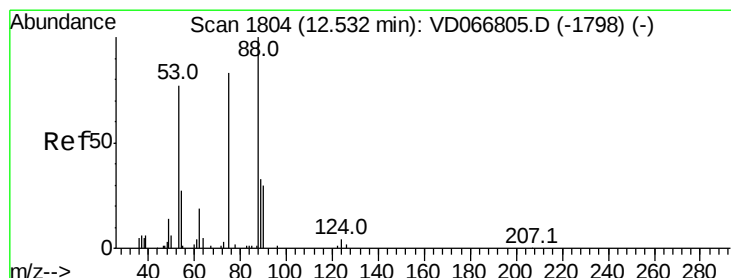
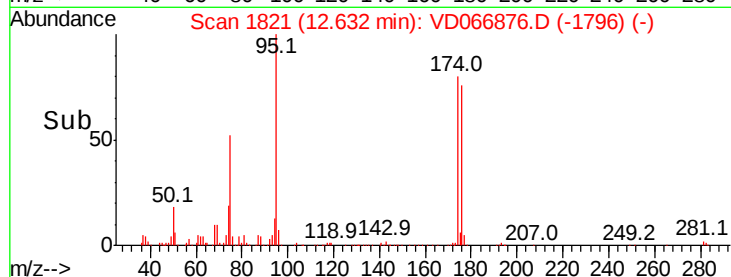
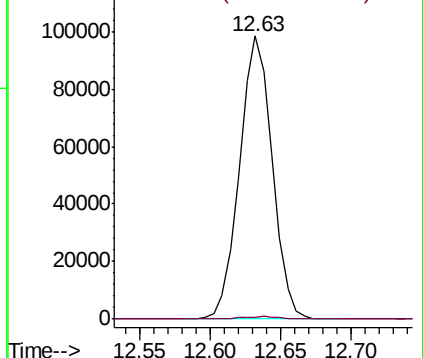
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 152.985 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066876.D

Acq: 25 Sep 2020 16:11

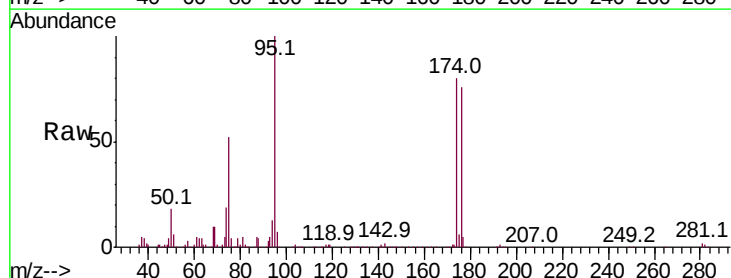
Tgt Ion: 75 Resp: 159406

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

