

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066416.D
 Acq On : 26 Aug 2020 13:14
 Operator : VA/SY
 Sample : L3793-01
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 27 07:28:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	407304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	591600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	532589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278372	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	214876	53.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.62%	
35) Dibromofluoromethane	7.91	113	180135	48.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.38%	
50) Toluene-d8	10.34	98	679294	50.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.63	95	243719	50.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.48%	

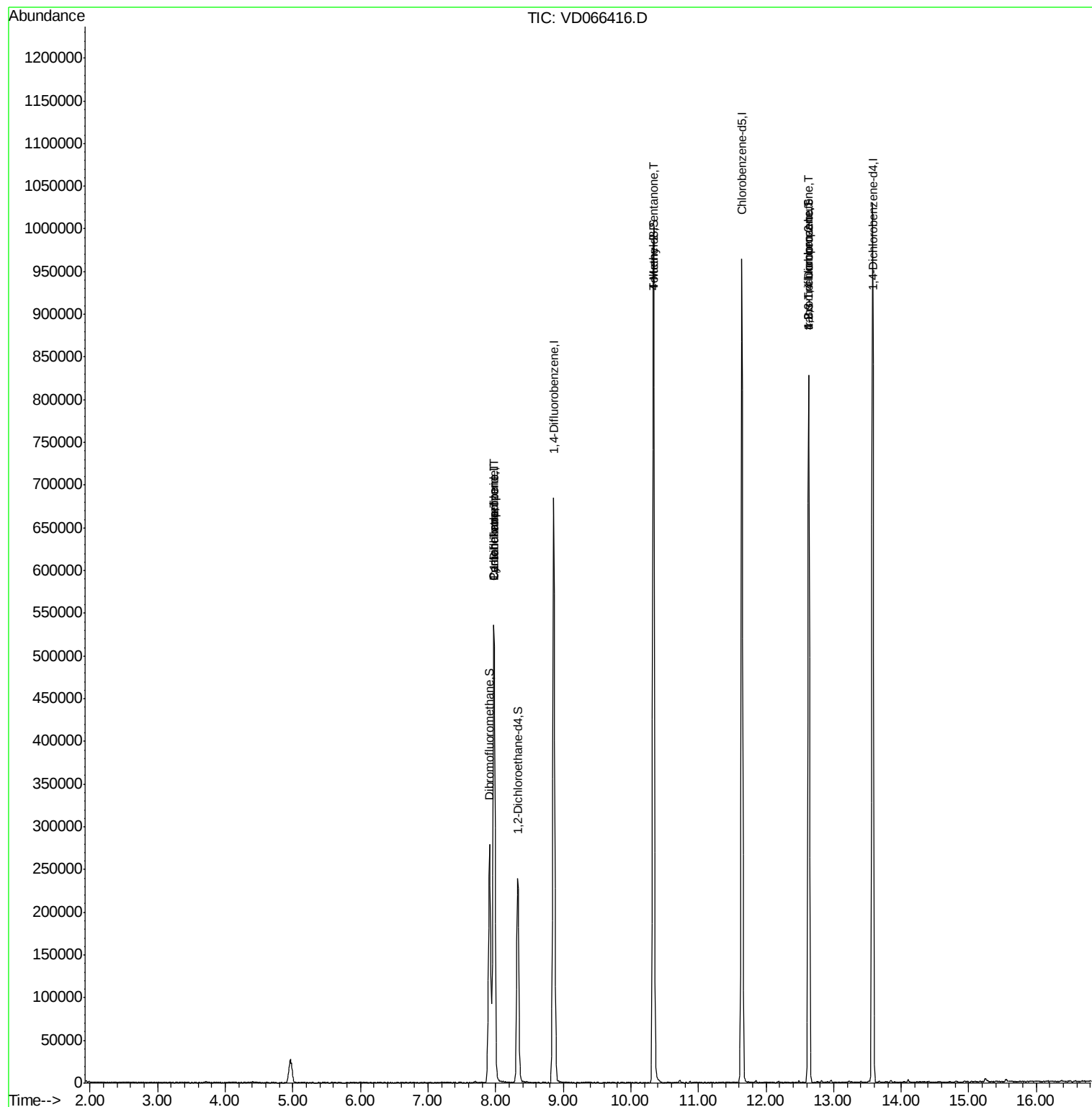
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.97	84	21432	Below Cal	#	90
31) Cyclohexane	7.98	56	9105	1.642	ug/l #	18
36) 1,1-Dichloropropene	7.97	75	28606	5.299	ug/l #	51
38) Carbon Tetrachloride	7.97	117	43062	6.123	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	3230	1.812	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	142980	73.010	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	142980	154.977	ug/l #	6

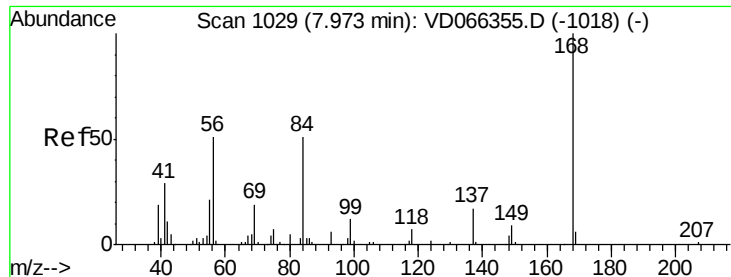
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
Data File : VD066416.D
Acq On : 26 Aug 2020 13:14
Operator : VA/SY
Sample : L3793-01
Misc : 7.17G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Quant Time: Aug 27 07:28:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

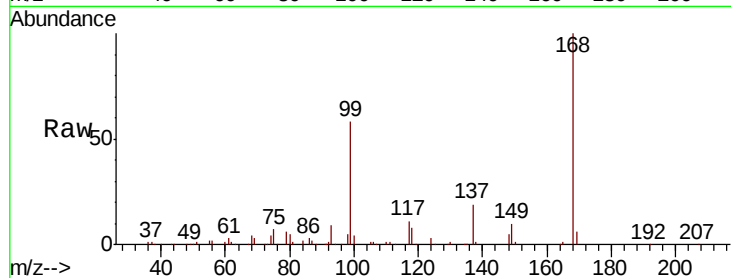
TP-1

Tot Ion:168 Resp: 407304

Ion Ratio Lower Upper

168 100

99 57.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

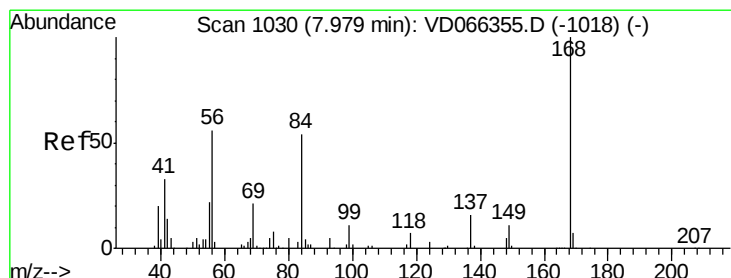
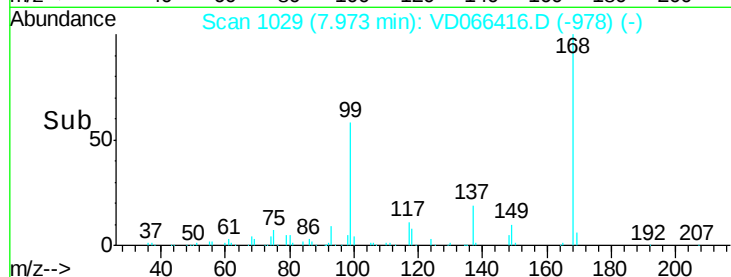
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 1.642 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

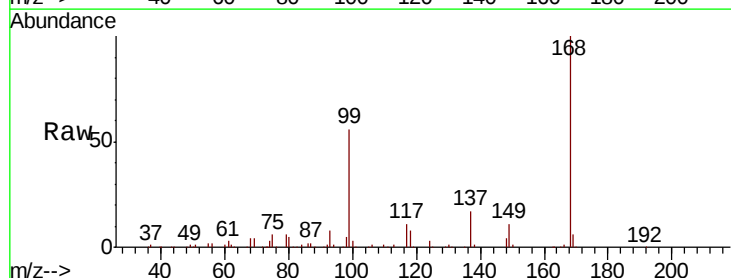
Tgt Ion: 56 Resp: 9105

Ion Ratio Lower Upper

56 100

69 162.9 29.6 44.4#

84 64.0 76.6 115.0#



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

8000

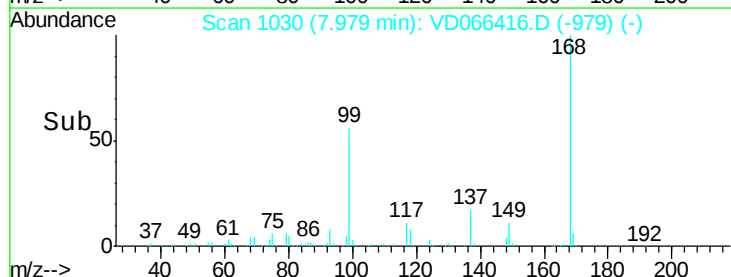
6000

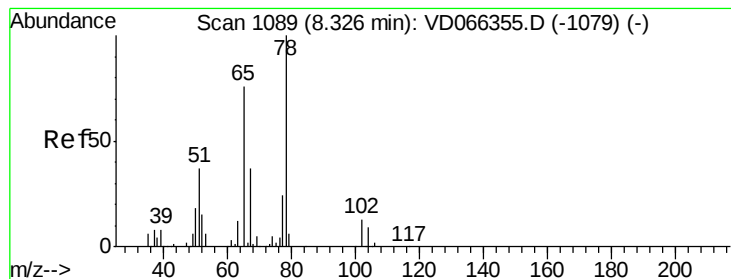
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.811 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

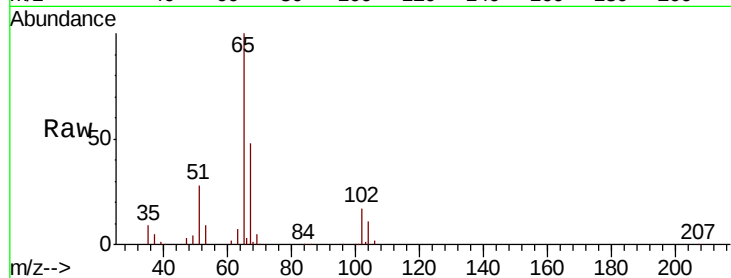
TP-1

Tot Ion: 65 Resp: 214876

Ion Ratio Lower Upper

65 100

67 46.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

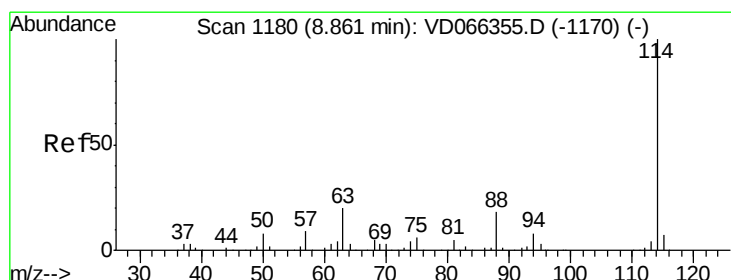
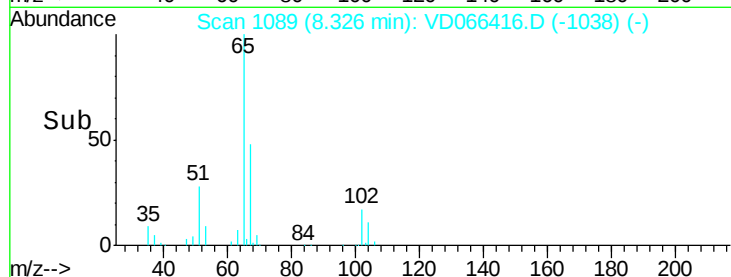
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

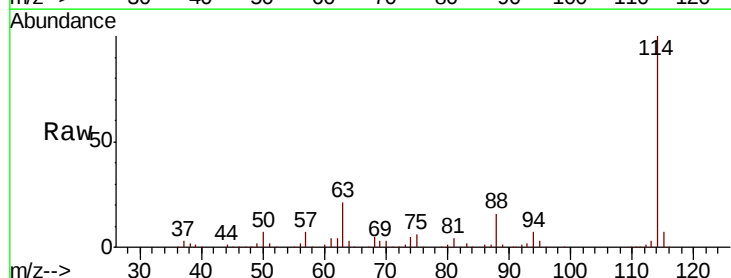
Tgt Ion: 114 Resp: 591600

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.6 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

400000

300000

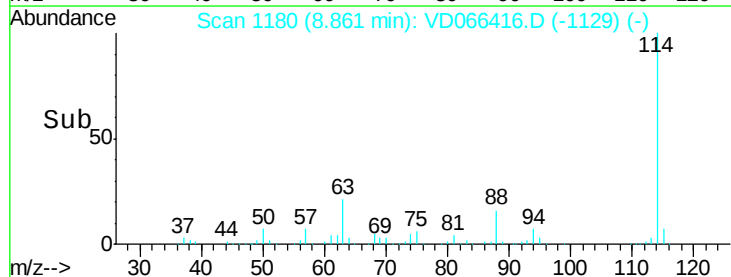
200000

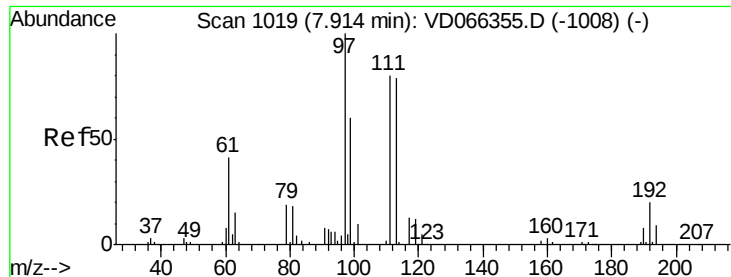
100000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 48.694 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampled :
TP-1

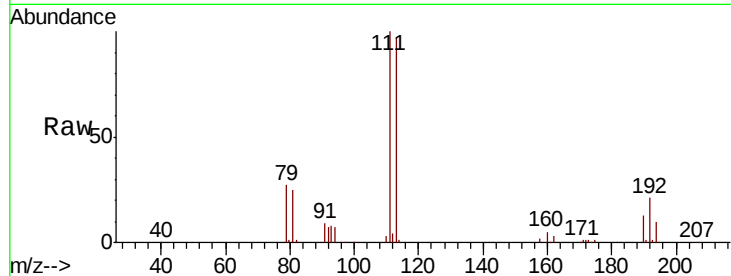
Tot Ion:113 Resp: 180135

Ion Ratio Lower Upper

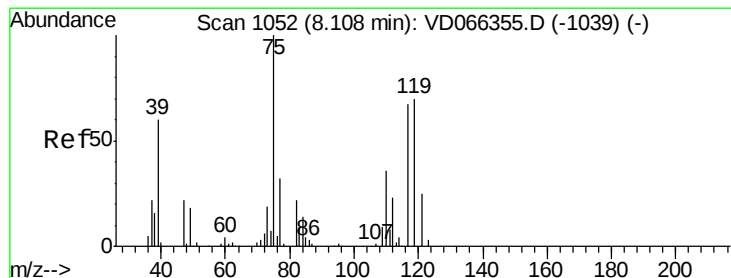
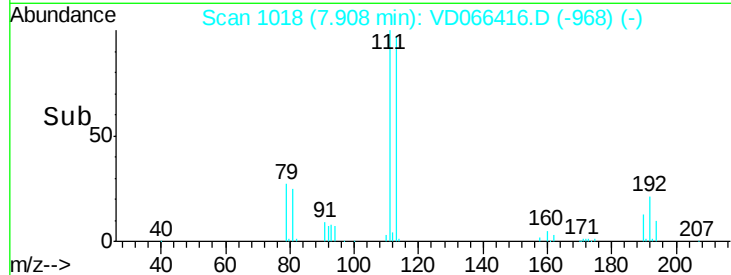
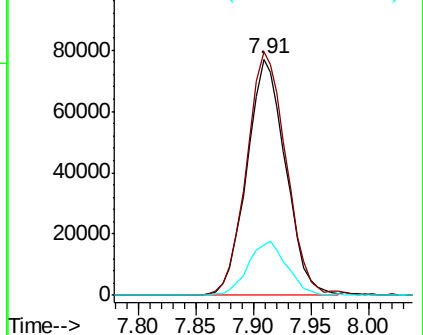
113 100

111 105.6 80.3 120.5

192 23.1 19.0 28.6



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: 5.299 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

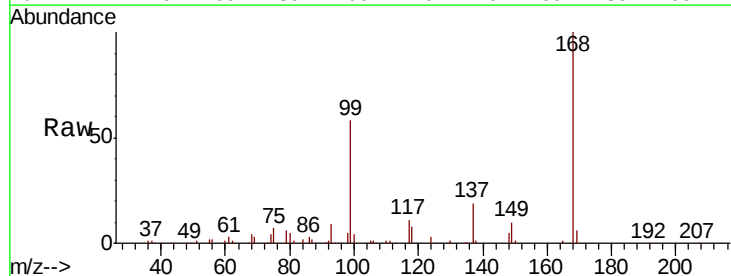
Tgt Ion: 75 Resp: 28606

Ion Ratio Lower Upper

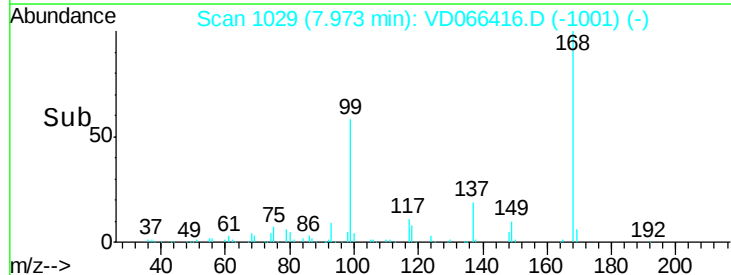
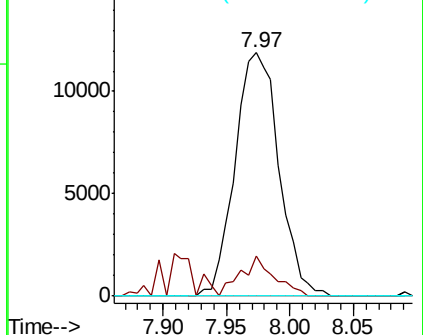
75 100

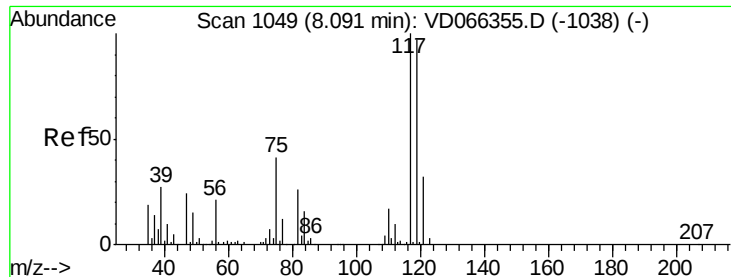
110 12.5 18.7 56.1#

77 0.0 25.2 37.8#



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





#38

Carbon Tetrachloride

Concen: 6.123 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

TP-1

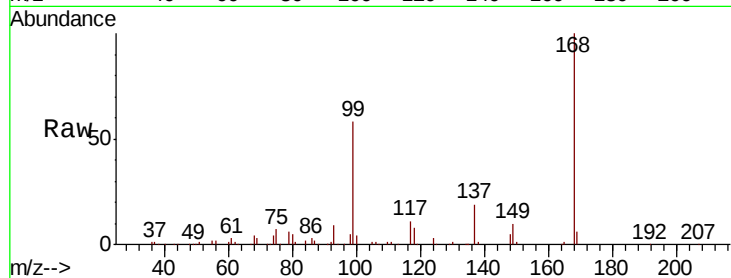
Tot Ion:117 Resp: 43062

Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

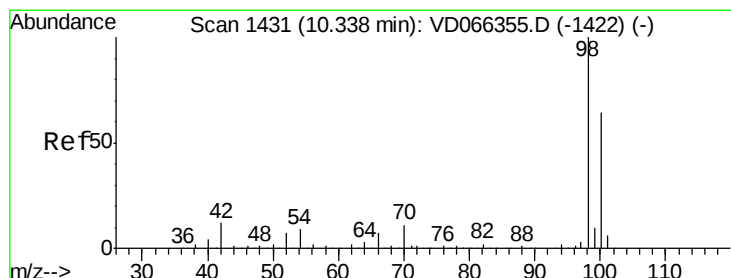
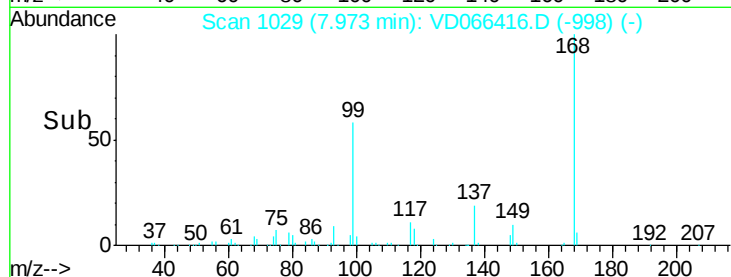
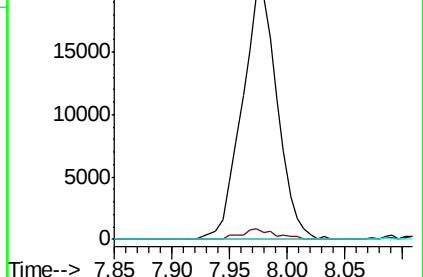
121 0.0 25.8 38.8#



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



#50

Toluene-d8

Concen: 50.187 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066416.D

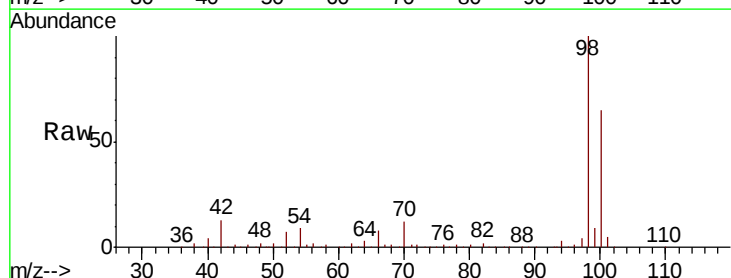
Acq: 26 Aug 2020 13:14

Tgt Ion: 98 Resp: 679294

Ion Ratio Lower Upper

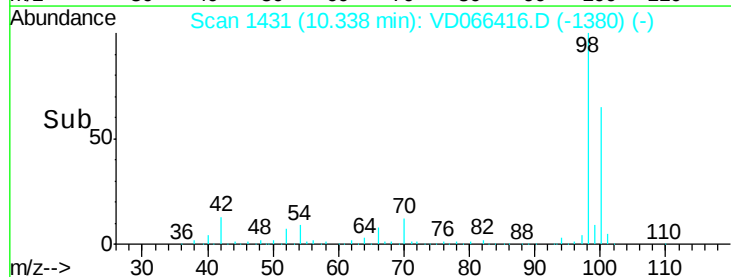
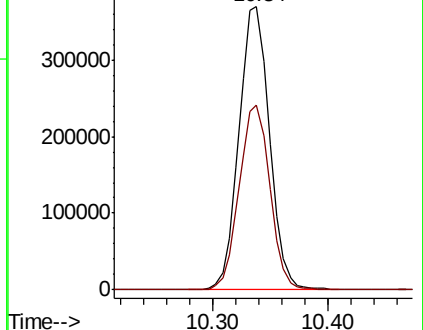
98 100

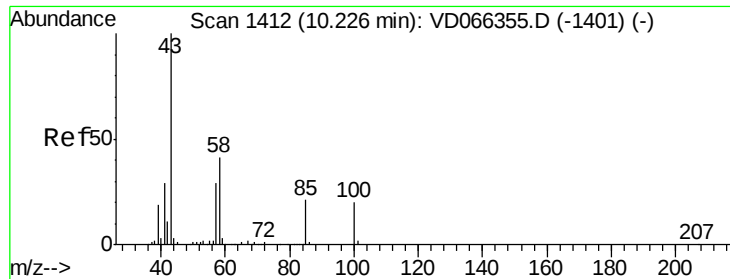
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.812 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

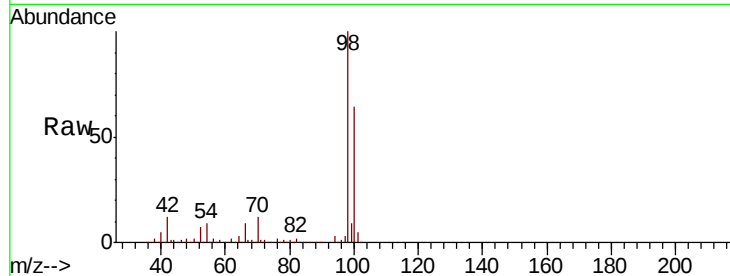
TP-1

Tot Ion: 43 Resp: 3230

Ion Ratio Lower Upper

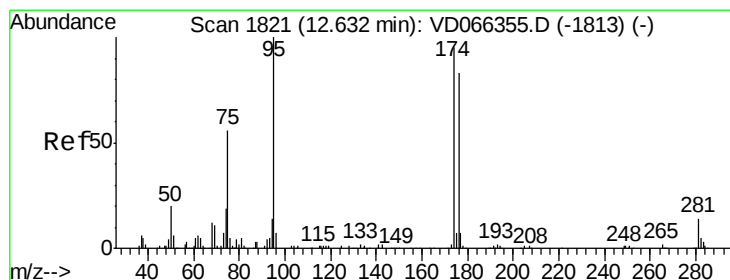
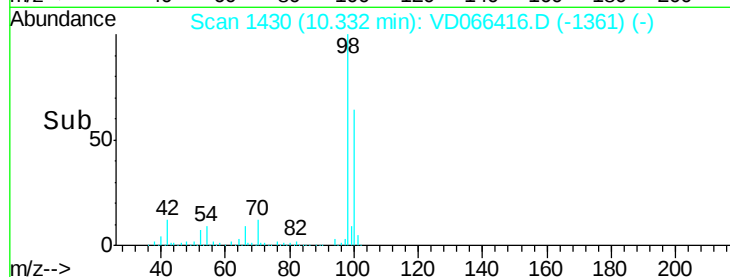
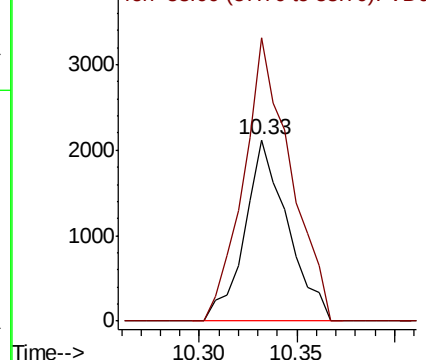
43 100

58 171.2 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.744 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

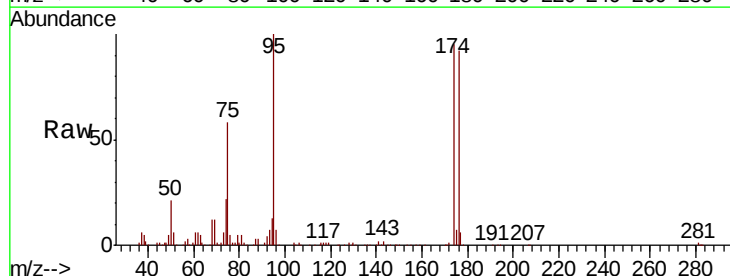
Tgt Ion: 95 Resp: 243719

Ion Ratio Lower Upper

95 100

174 95.4 0.0 183.4

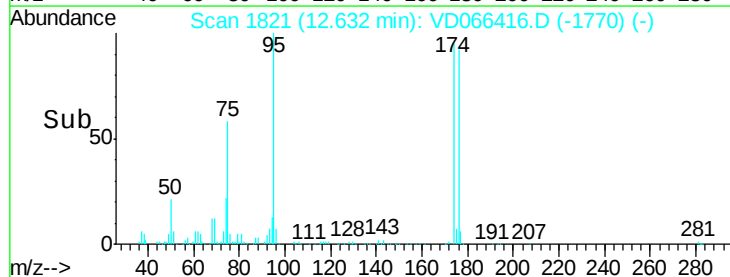
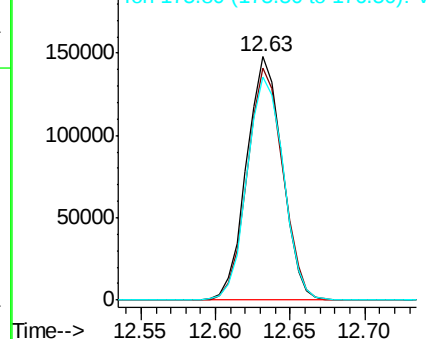
176 93.1 0.0 173.8

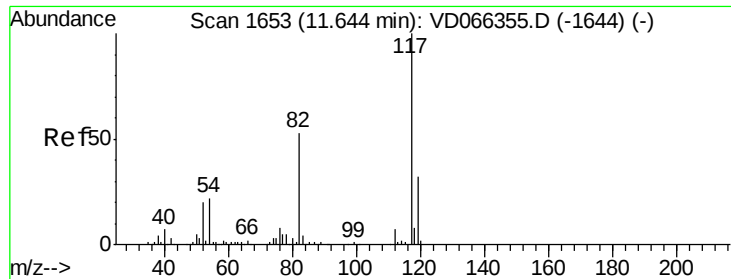


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

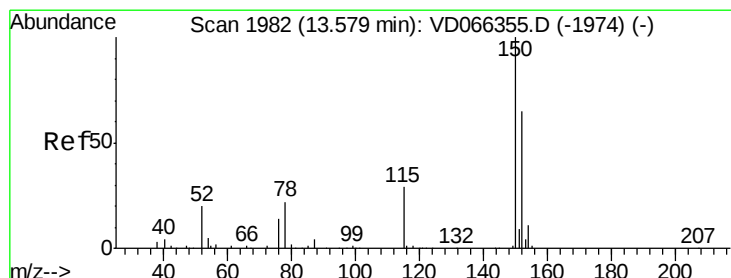
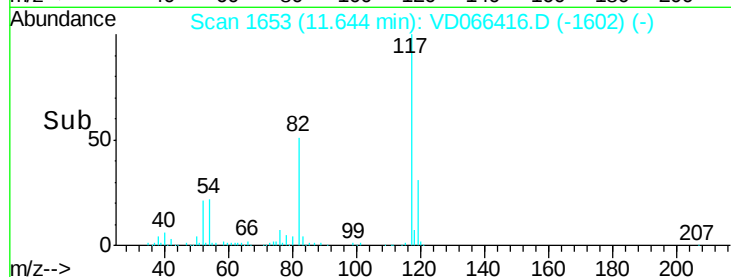
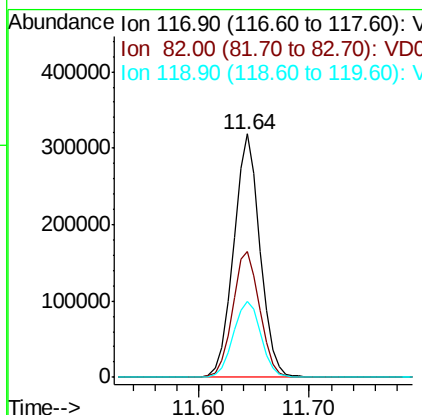
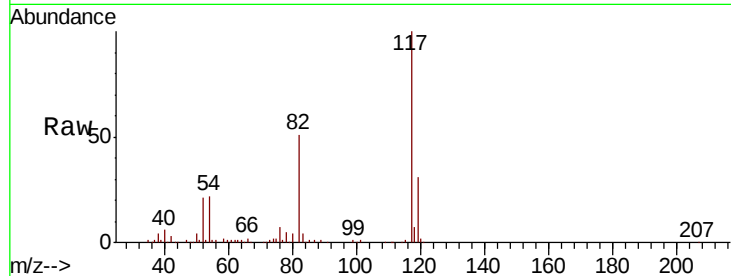




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066416.D
Acq: 26 Aug 2020 13:14

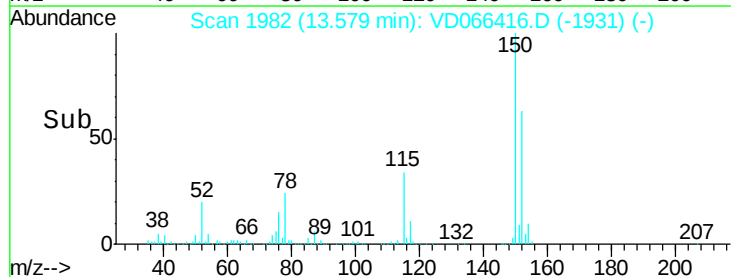
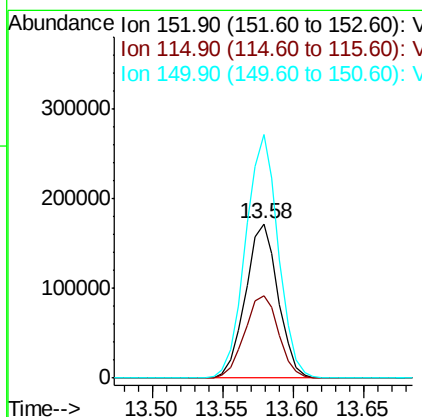
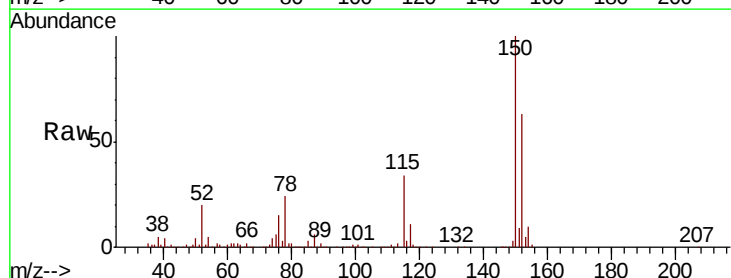
Instrument :
MSVOA_D
ClientSampleId :
TP-1

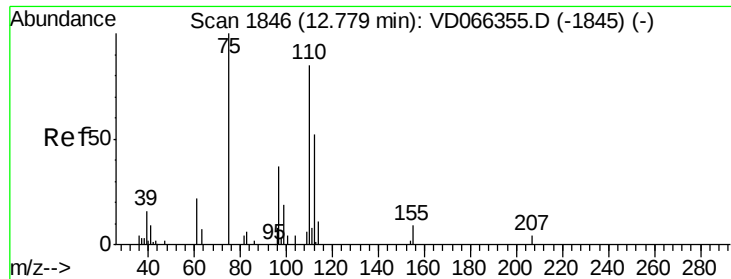
Tot Ion:117 Resp: 532589
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066416.D
Acq: 26 Aug 2020 13:14

Tgt Ion:152 Resp: 278372
Ion Ratio Lower Upper
152 100
115 55.8 28.3 85.0
150 158.1 0.0 343.2

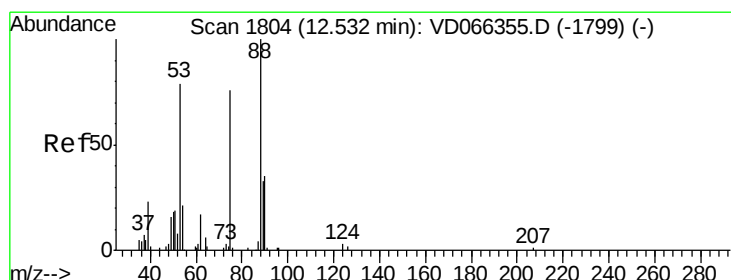
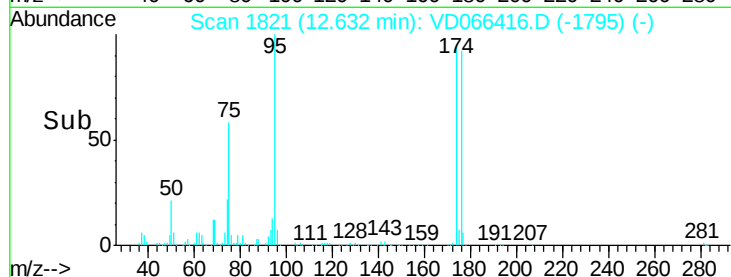
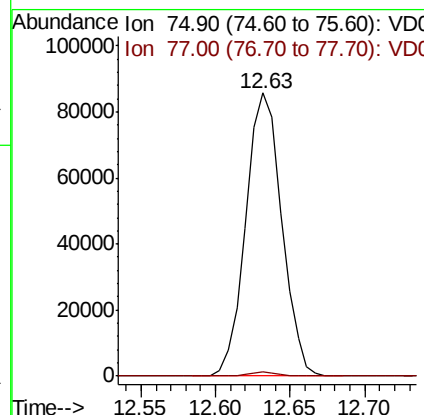
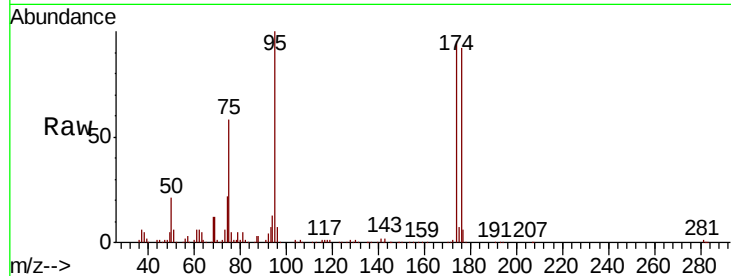




#76
 1,2,3-Trichloropropane
 Concen: 73.010 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066416.D
 Acq: 26 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion: 75 Resp: 142980
 Ion Ratio Lower Upper
 75 100
 77 1.0 182.9 548.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.977 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066416.D
 Acq: 26 Aug 2020 13:14

Tgt Ion: 75 Resp: 142980
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.0 39.4 59.0#

