

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065363.D
 Acq On : 28 Feb 2020 17:16
 Operator : VA/SY
 Sample : L1740-03RE
 Misc : 7.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-08-022720RE

Quant Time: Feb 28 21:56:45 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	525904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	873550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	640965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	125994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	270661	57.21	ug/l	0.00
Spiked Amount						
			Recovery	=	114.42%	
35) Dibromofluoromethane	7.92	113	289201	54.30	ug/l	0.00
Spiked Amount						
			Recovery	=	108.60%	
50) Toluene-d8	10.34	98	1024532	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.64	95	180793	28.03	ug/l	0.00
Spiked Amount						
			Recovery	=	56.06%	

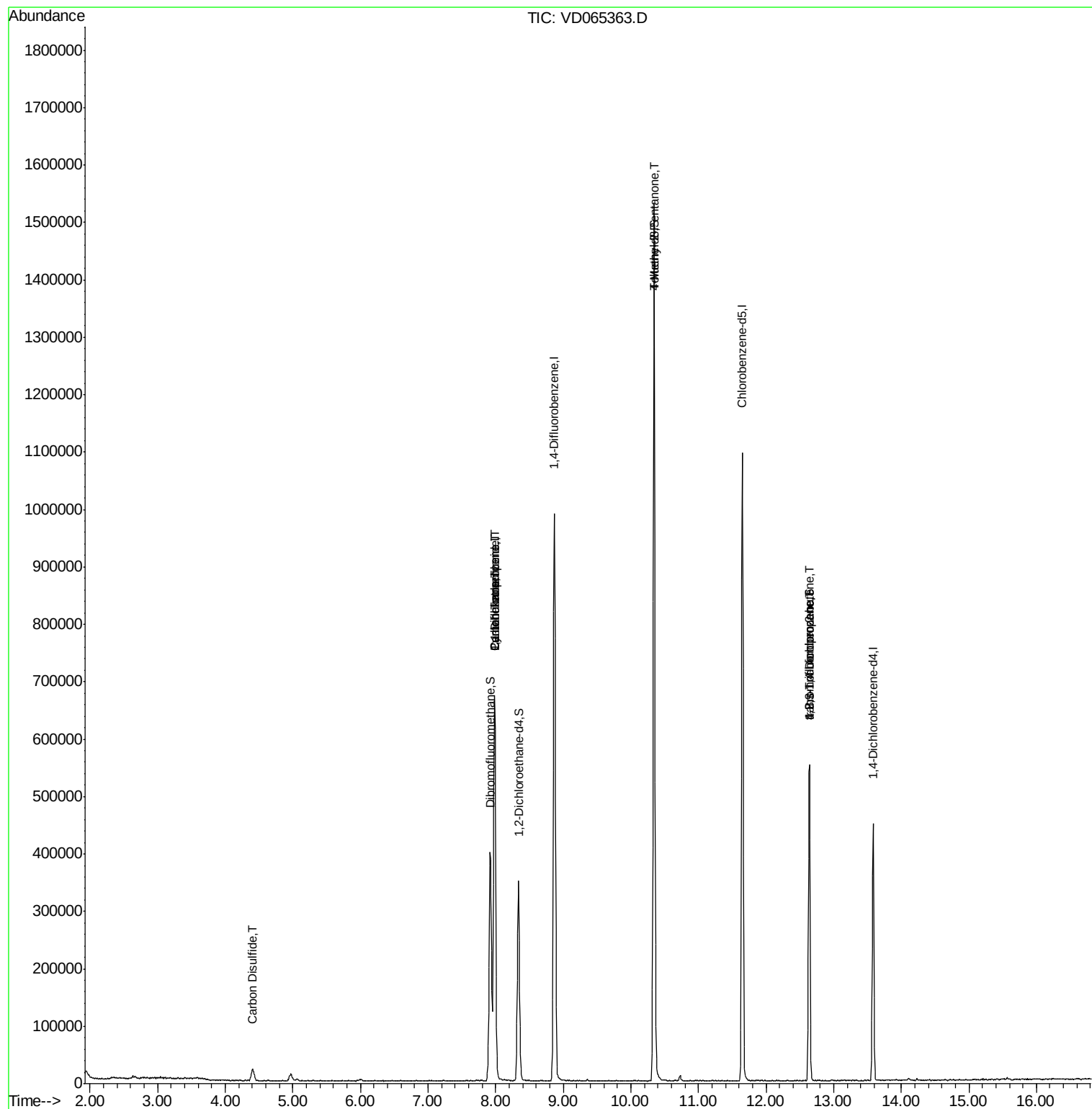
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.41	76	45671	2.794	ug/l	100
20) Methylene Chloride	4.97	84	9292	Below Cal	#	82
31) Cyclohexane	7.98	56	10214	1.098	ug/l #	5
36) 1,1-Dichloropropene	7.98	75	38439	4.522	ug/l #	50
38) Carbon Tetrachloride	7.98	117	48692	5.627	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4257	1.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	87344	81.478	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	87344	175.926	ug/l #	11

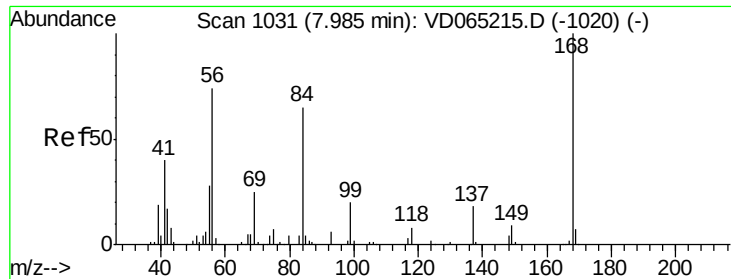
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

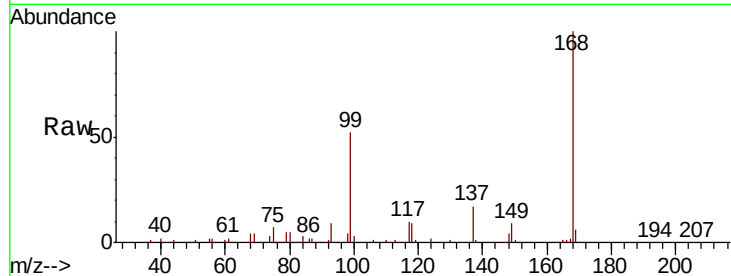
GP-08-022720RE

Tot Ion:168 Resp: 525904

Ion Ratio Lower Upper

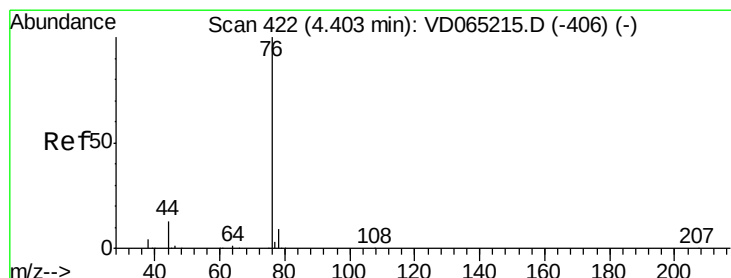
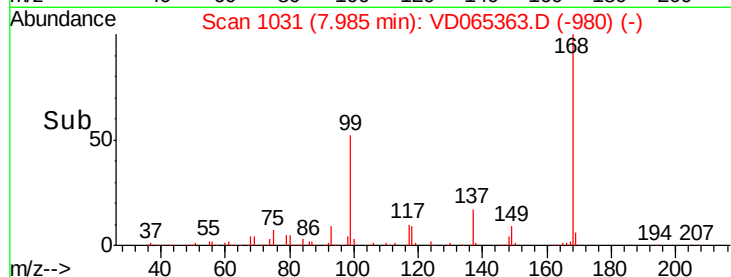
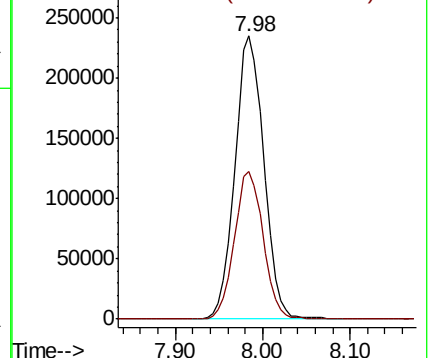
168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 2.794 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD065363.D

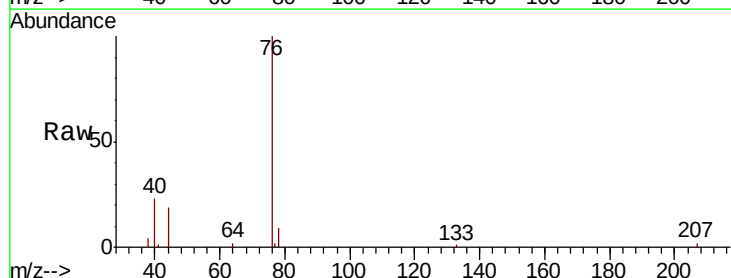
Acq: 28 Feb 2020 17:16

Tgt Ion: 76 Resp: 45671

Ion Ratio Lower Upper

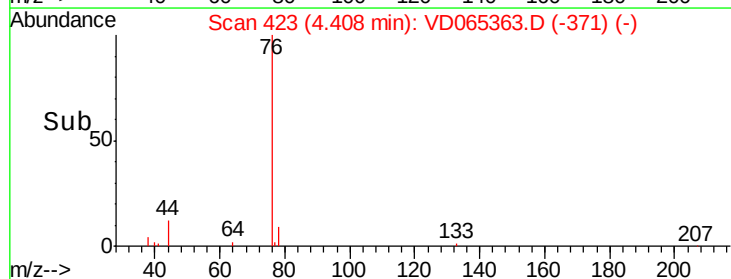
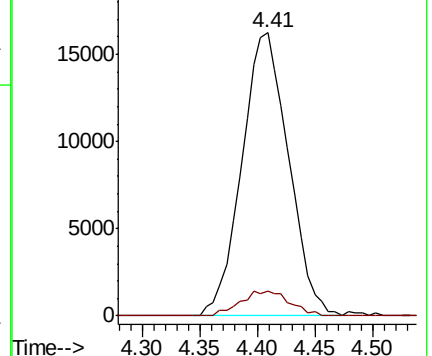
76 100

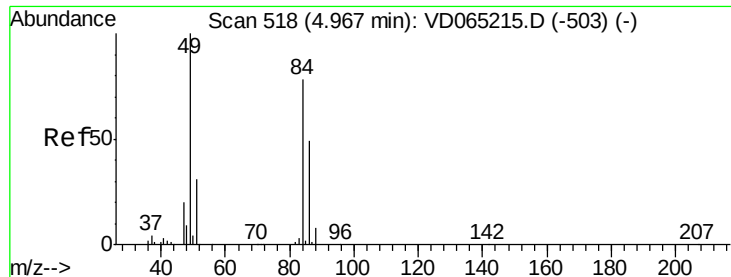
78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

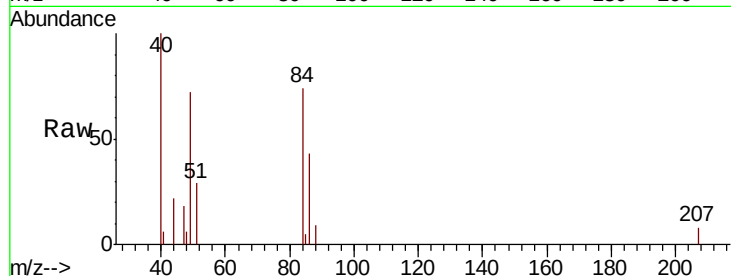




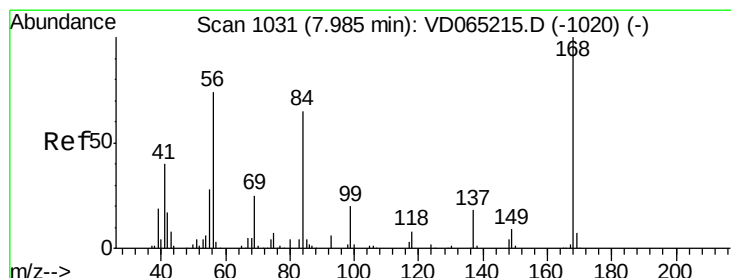
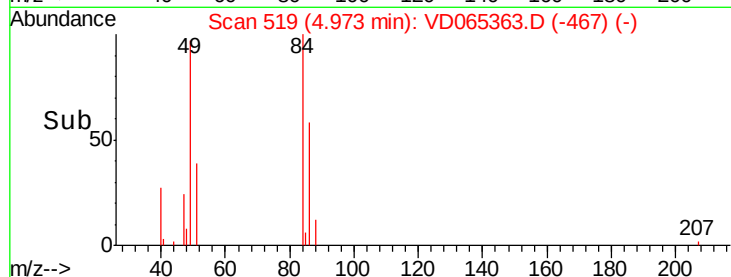
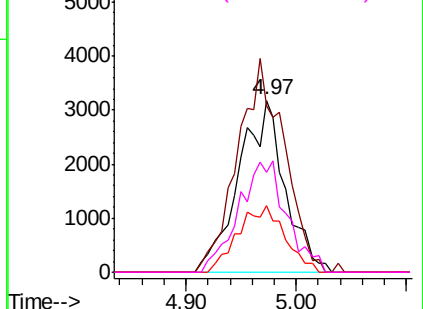
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
GP-08-022720RE

Tot Ion: 84 Resp: 9292
Ion Ratio Lower Upper
84 100
49 96.5 103.1 154.7#
51 38.5 31.7 47.5
86 58.3 50.9 76.3

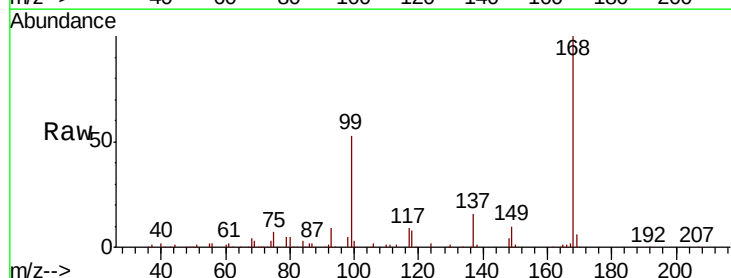


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

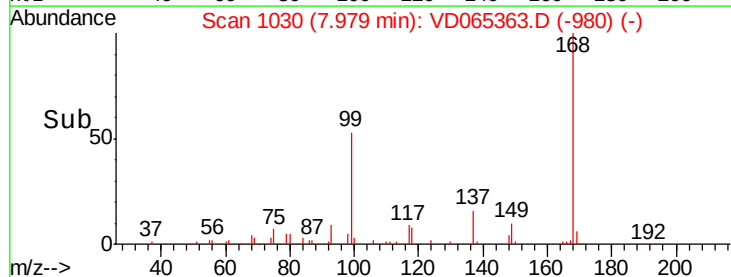
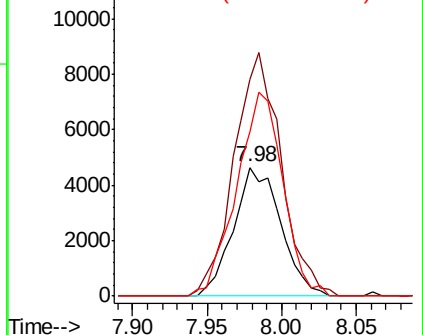


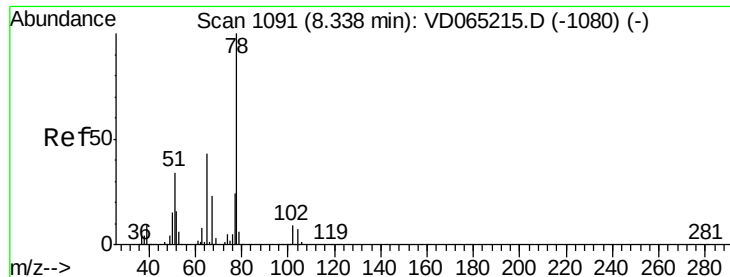
#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

Tgt Ion: 56 Resp: 10214
Ion Ratio Lower Upper
56 100
69 168.5 27.4 41.0#
84 128.2 71.1 106.7#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

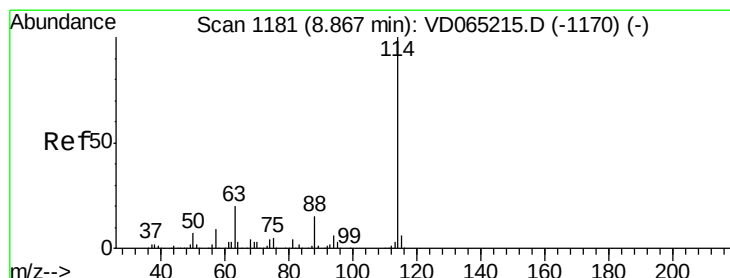
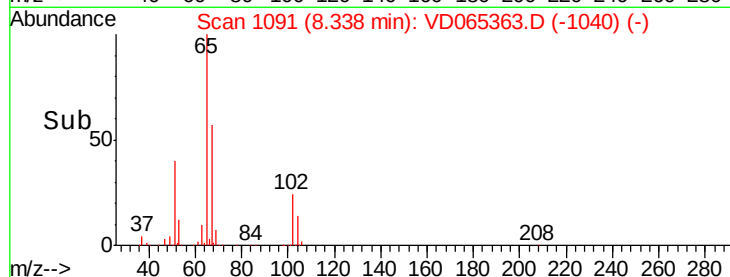
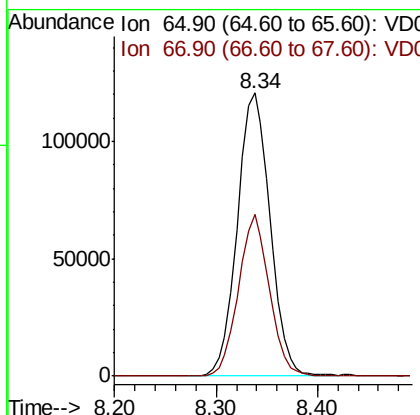
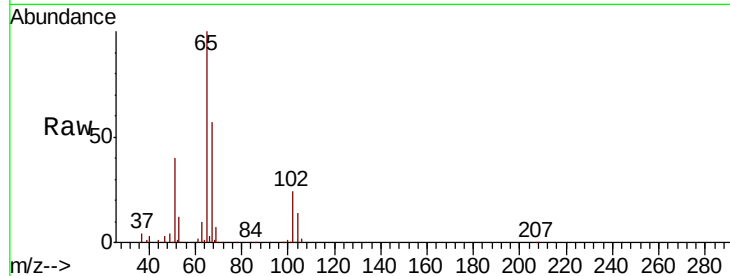




#33
 1,2-Dichloroethane-d4
 Concen: 57.209 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065363.D
 Acq: 28 Feb 2020 17:16

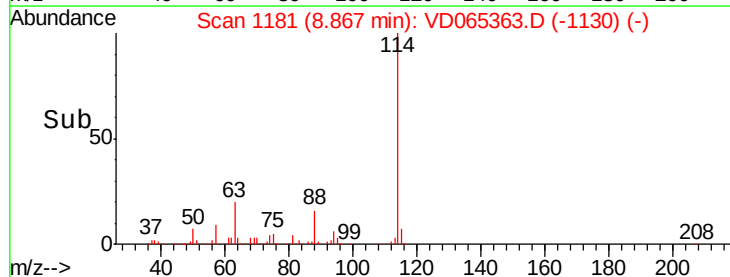
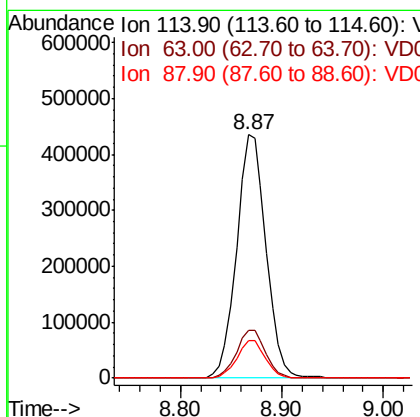
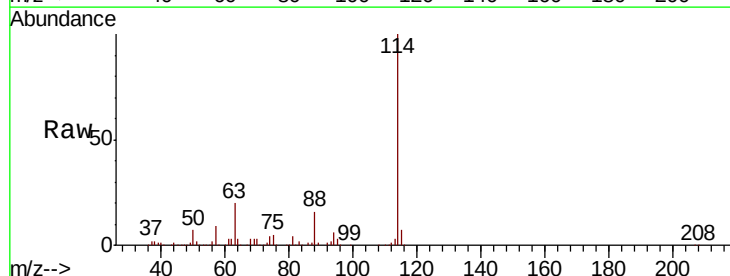
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-08-022720RE

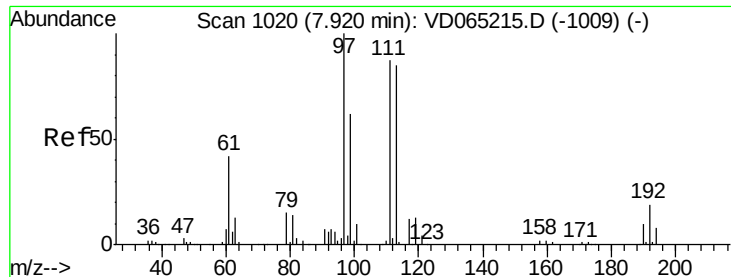
Tot Ion: 65 Resp: 270661
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065363.D
 Acq: 28 Feb 2020 17:16

Tgt Ion: 114 Resp: 873550
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.6 0.0 30.4

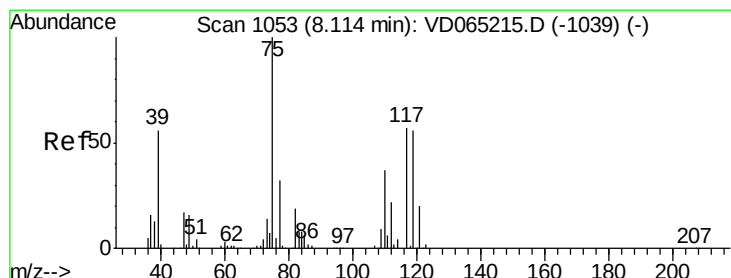
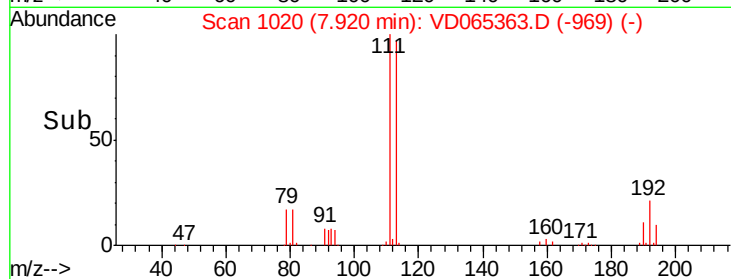
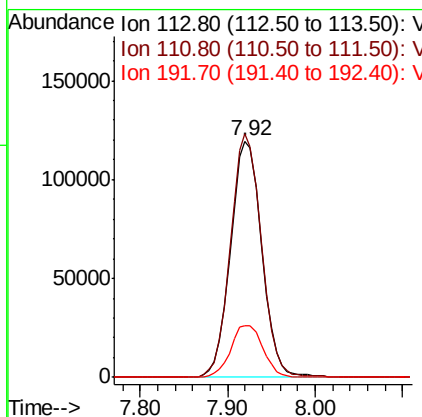
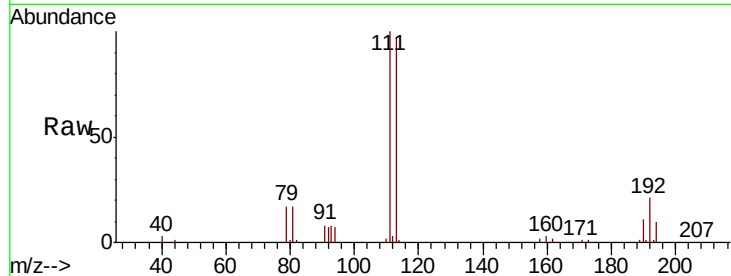




#35
 Dibromofluoromethane
 Concen: 54.296 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065363.D
 Acq: 28 Feb 2020 17:16

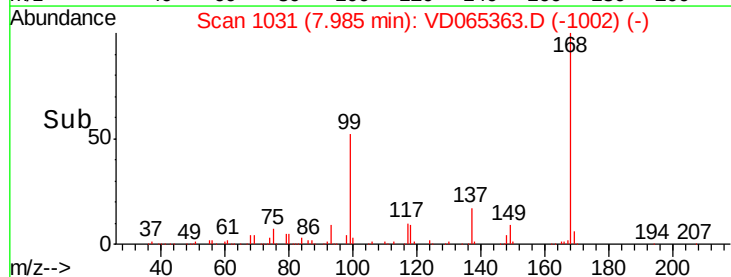
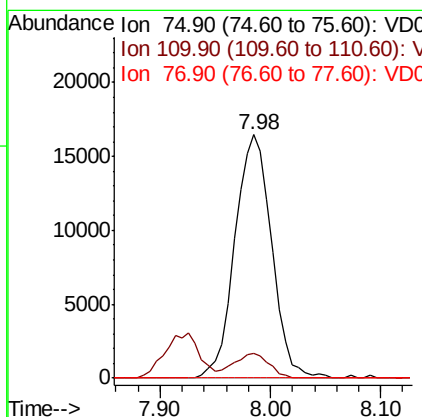
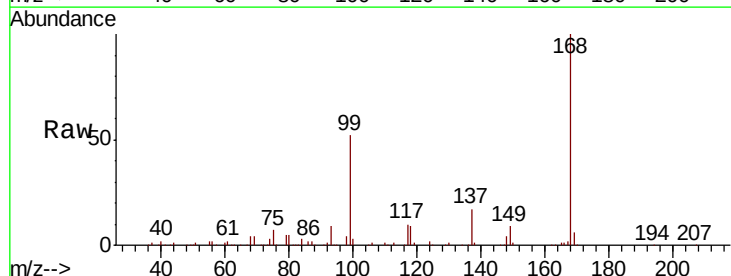
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-08-022720RE

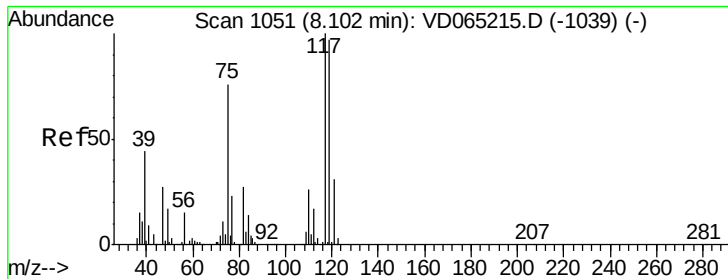
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	22.6	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.522 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065363.D
 Acq: 28 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.9	53.7#
77	0.0	25.1	37.7#

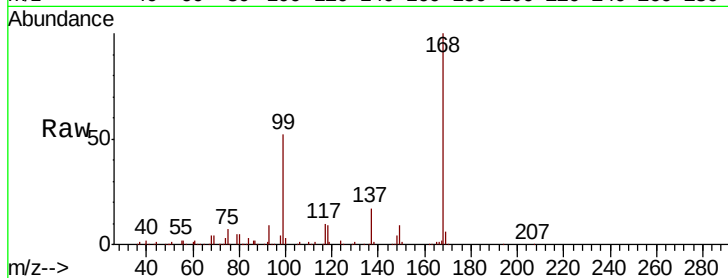




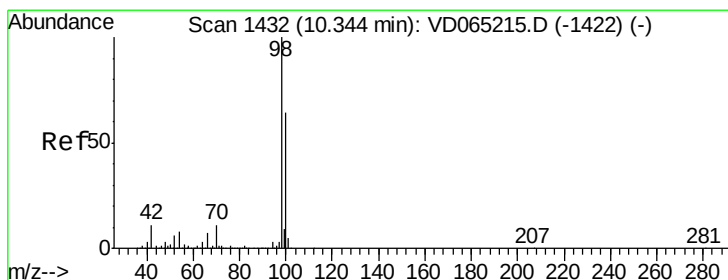
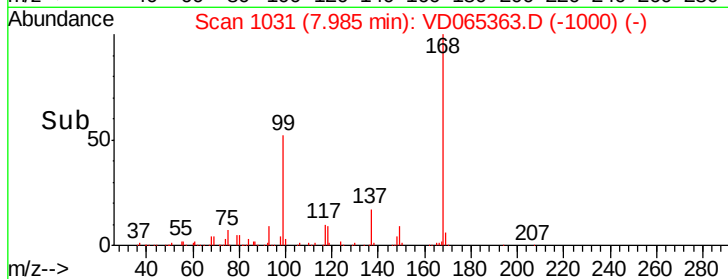
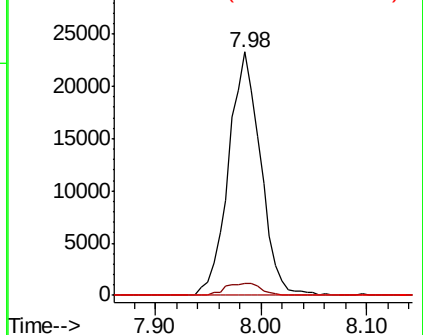
#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
GP-08-022720RE

Tot Ion:117 Resp: 48692
Ion Ratio Lower Upper
117 100
119 5.1 77.6 116.4#
121 0.0 24.8 37.2#

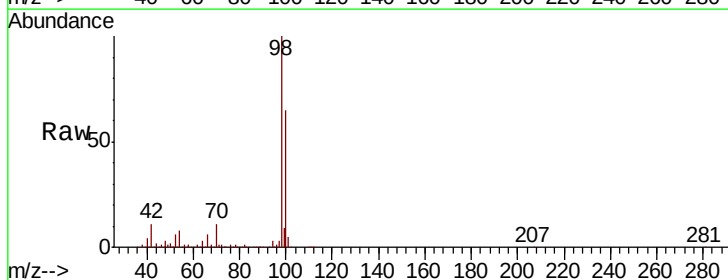


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

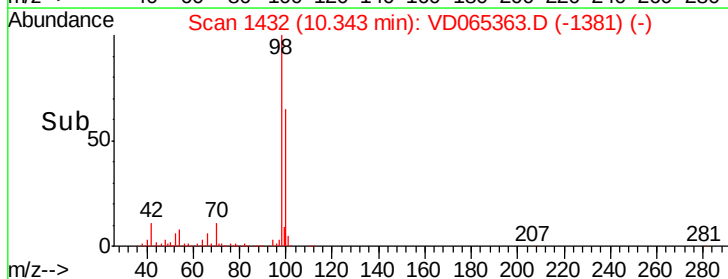
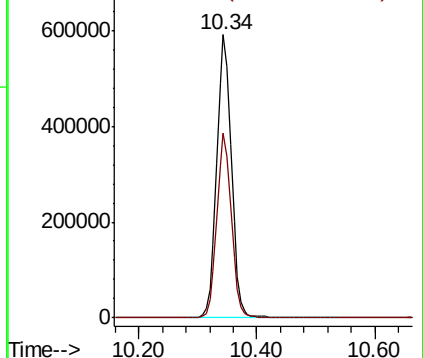


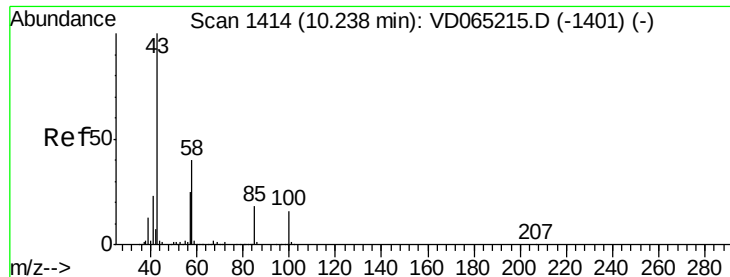
#50
Toluene-d8
Concen: 50.315 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

Tgt Ion: 98 Resp: 1024532
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



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: 1.297 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

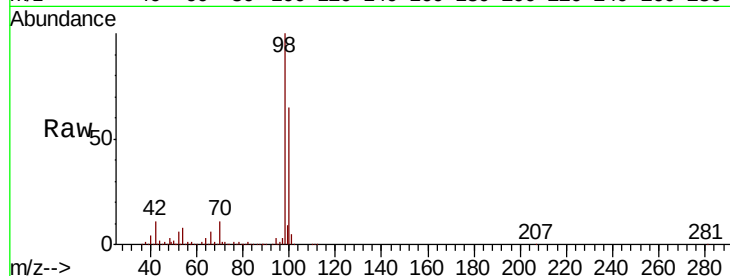
GP-08-022720RE

Tot Ion: 43 Resp: 4257

Ion Ratio Lower Upper

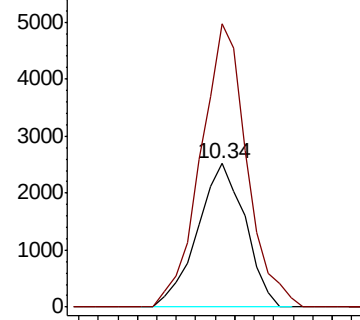
43 100

58 190.4 31.1 46.7#

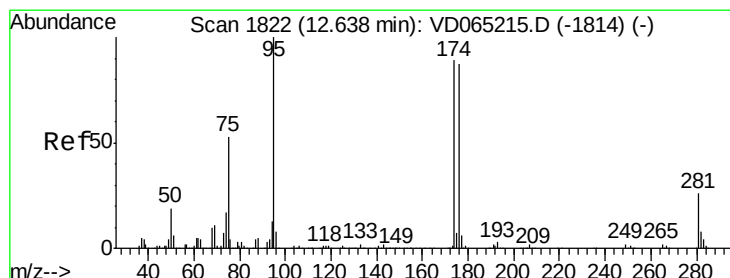
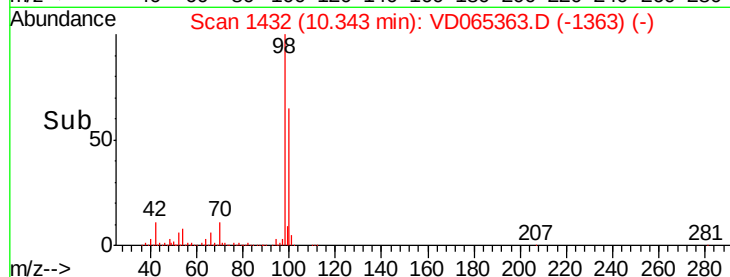


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 28.027 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

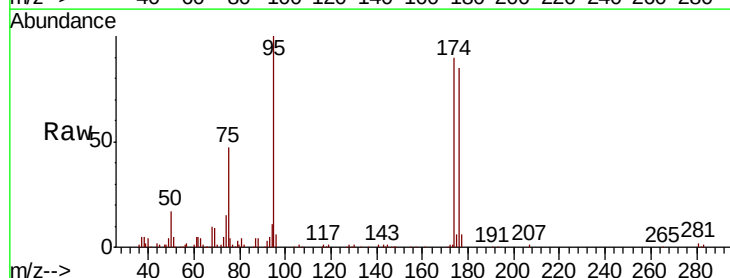
Tgt Ion: 95 Resp: 180793

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

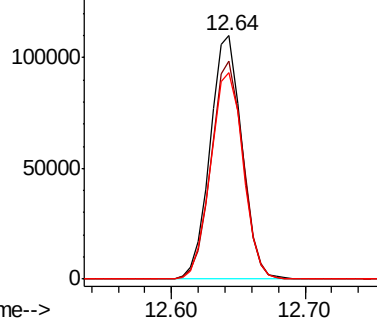
176 86.8 0.0 174.4



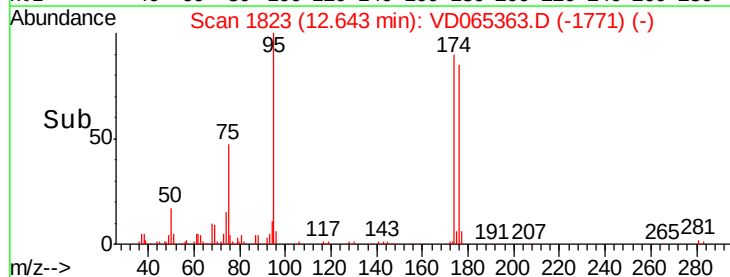
Abundance Ion 94.90 (94.60 to 95.60): VDC

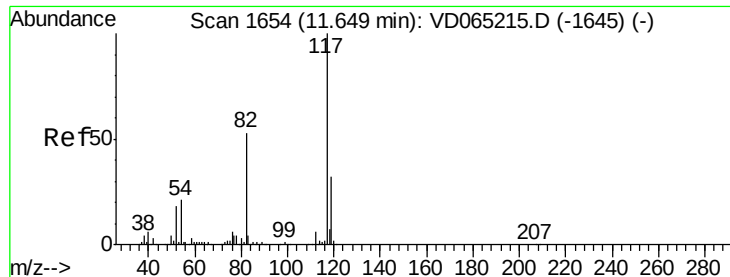
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

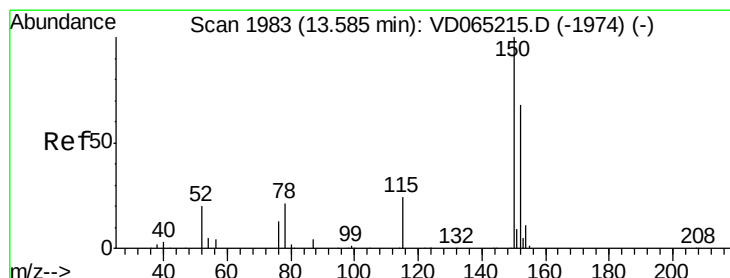
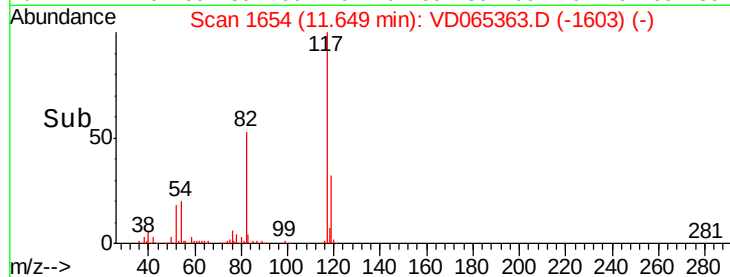
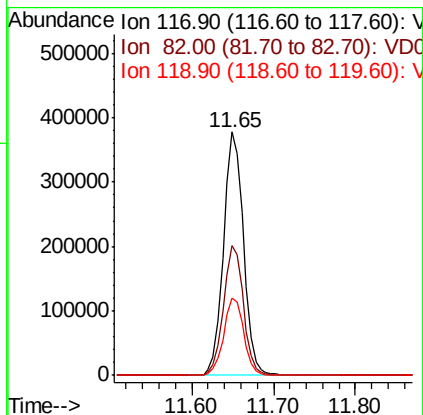
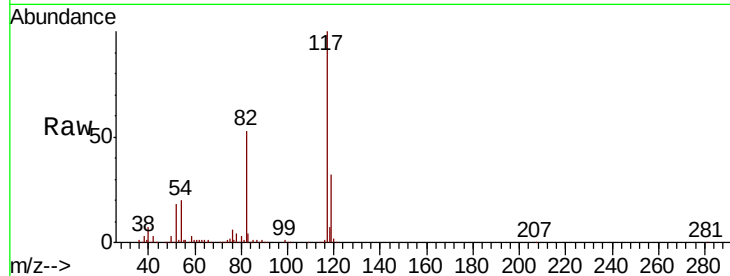




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

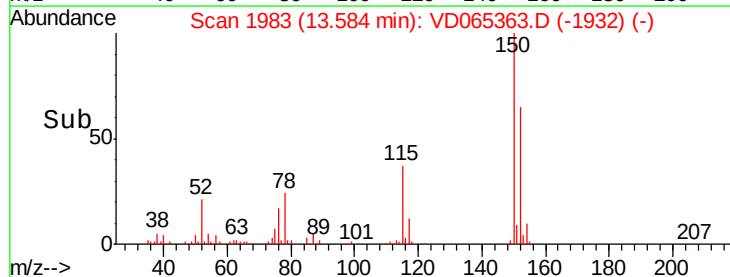
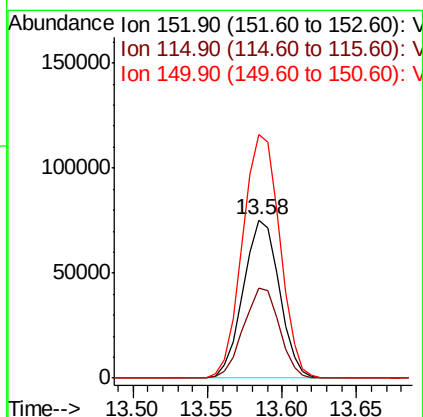
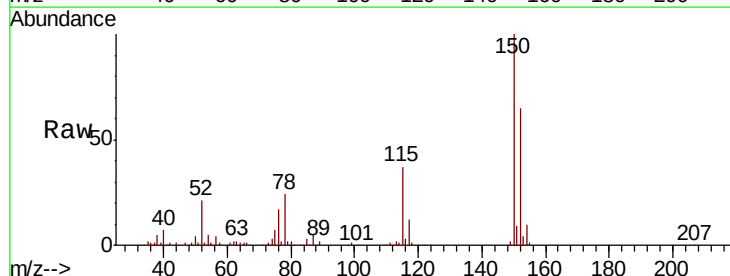
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GP-08-022720RE

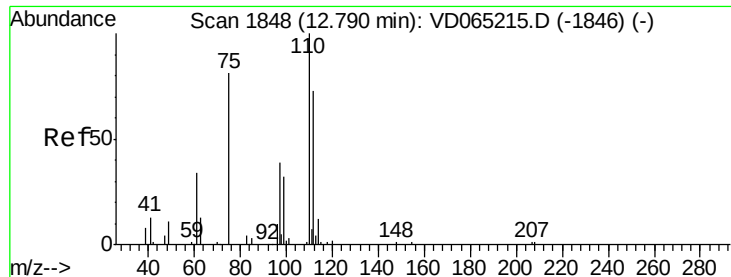
Tot Ion:117 Resp: 640965
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

Tgt Ion:152 Resp: 125994
Ion Ratio Lower Upper
152 100
115 56.6 27.6 82.8
150 158.7 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 81.478 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

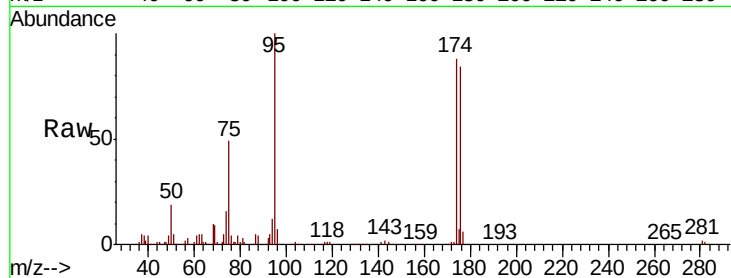
GP-08-022720RE

Tot Ion: 75 Resp: 87344

Ion Ratio Lower Upper

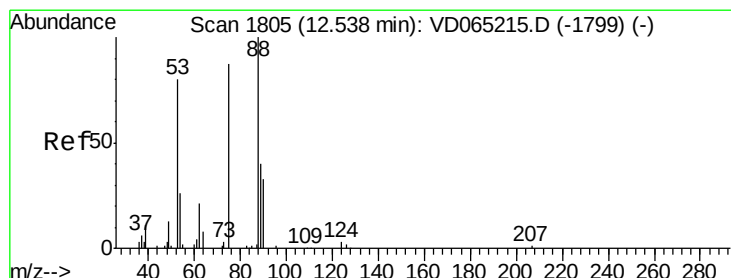
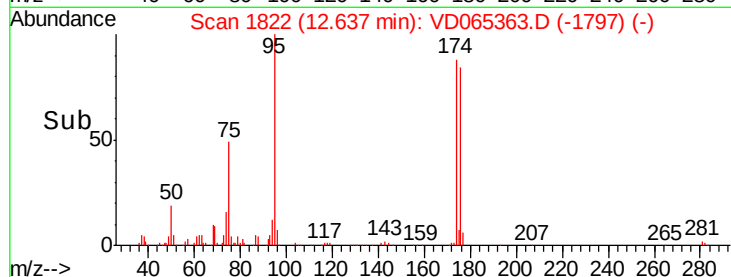
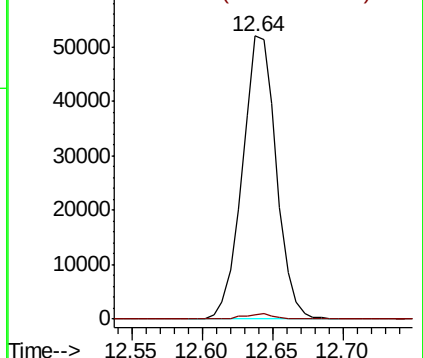
75 100

77 1.7 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: 175.926 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

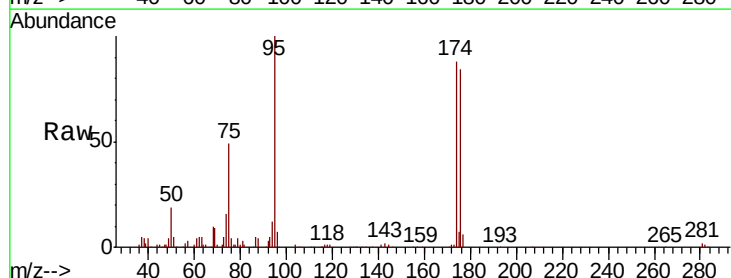
Tgt Ion: 75 Resp: 87344

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.1 37.2 55.8#



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

