

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065362.D
 Acq On : 28 Feb 2020 16:47
 Operator : VA/SY
 Sample : L1740-02RE
 Misc : 6.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-07-022720RE

Quant Time: Feb 28 21:56:34 2020
 Quant Method : Z:\VOASRV\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	7.99	168	163575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	272161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	282200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	133887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	131082	89.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.16%	
35) Dibromofluoromethane	7.92	113	108658	65.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.96%	
50) Toluene-d8	10.34	98	341715	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	12.64	95	111200	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds

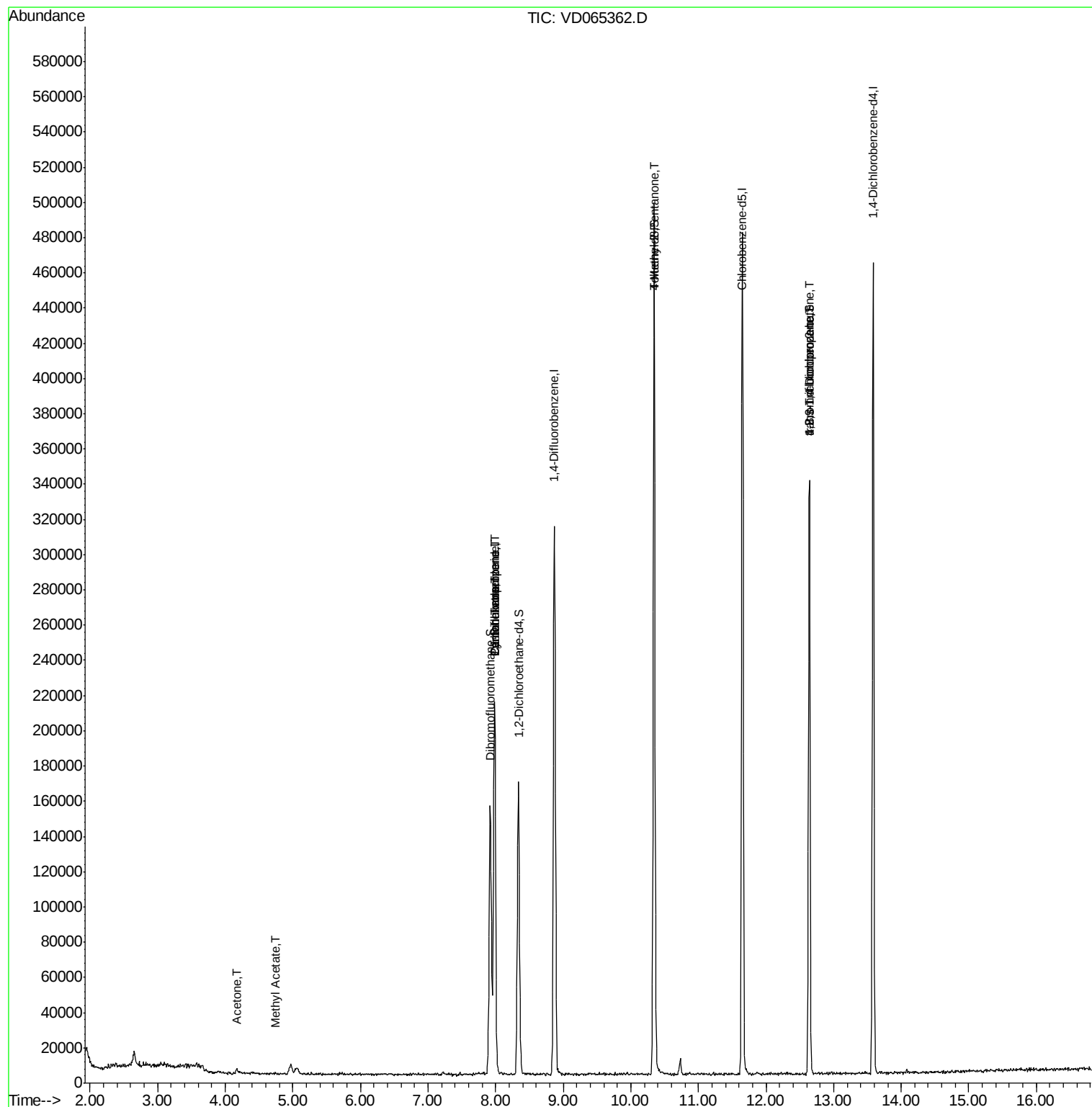
					Qvalue	
16) Acetone	4.17	43	4050	11.259	ug/l	95
18) Methyl Acetate	4.74	43	1201	1.484	ug/l #	66
20) Methylene Chloride	4.97	84	4037	Below Cal	#	82
31) Cyclohexane	7.99	56	3471	1.200	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	11841	4.471	ug/l #	48
38) Carbon Tetrachloride	7.99	117	15651	5.806	ug/l #	16
51) 4-Methyl-2-Pentanone	10.35	43	1426	1.395	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	53366	46.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	53366	101.151	ug/l #	11

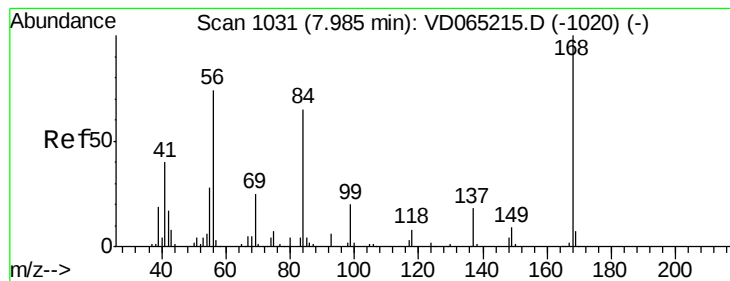
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065362.D

Acq: 28 Feb 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

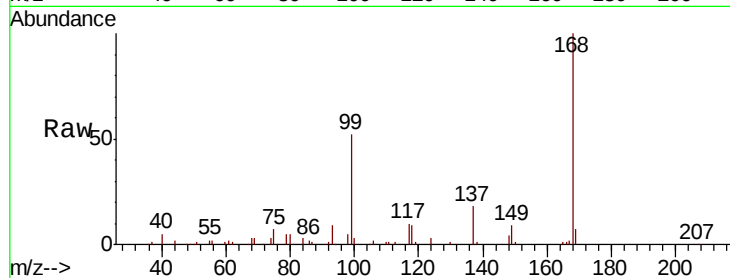
GP-07-022720RE

Tot Ion:168 Resp: 163575

Ion Ratio Lower Upper

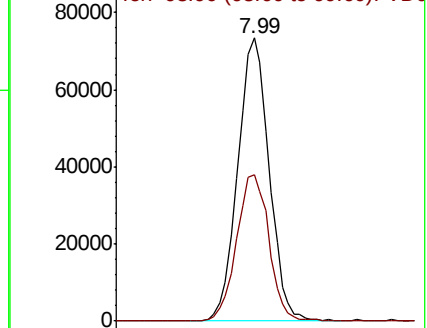
168 100

99 51.8 41.4 62.2

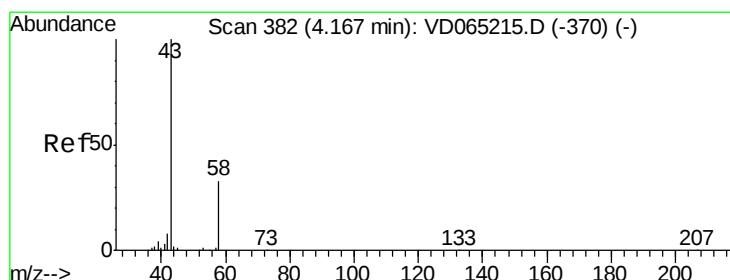
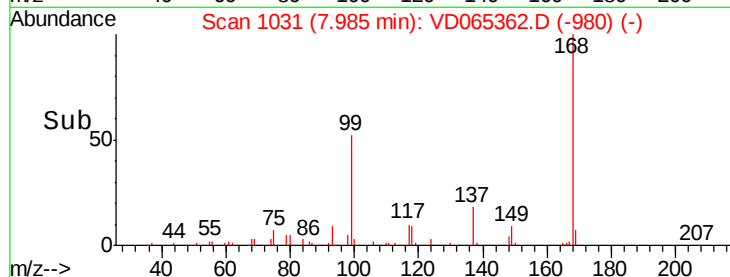


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#16

Acetone

Concen: 11.259 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065362.D

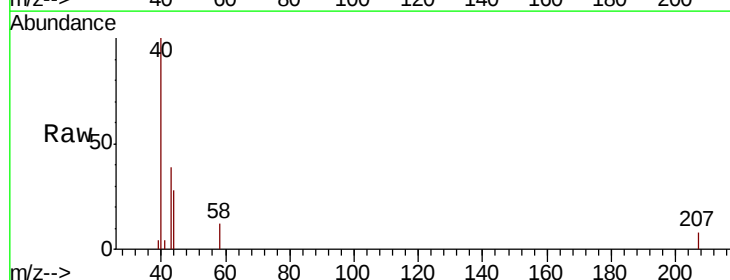
Acq: 28 Feb 2020 16:47

Tgt Ion: 43 Resp: 4050

Ion Ratio Lower Upper

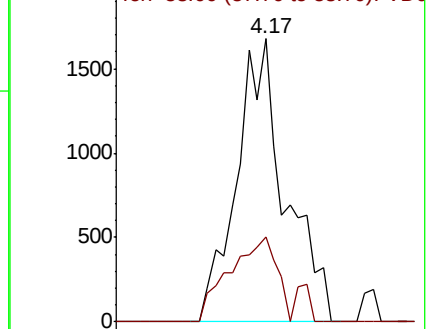
43 100

58 29.8 26.2 39.2

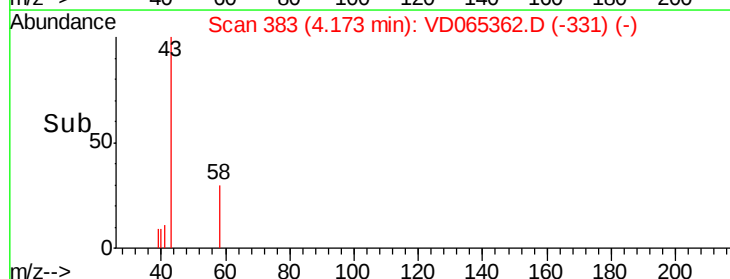


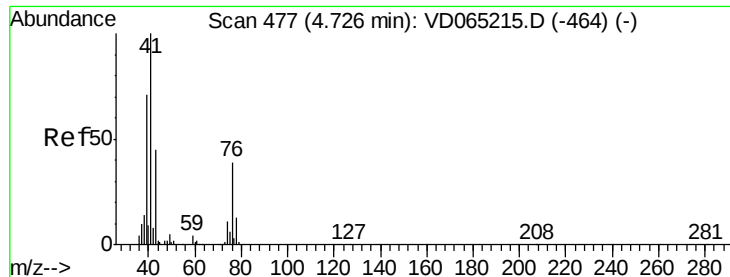
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->

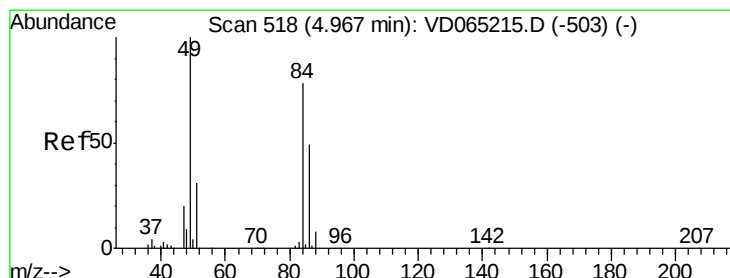
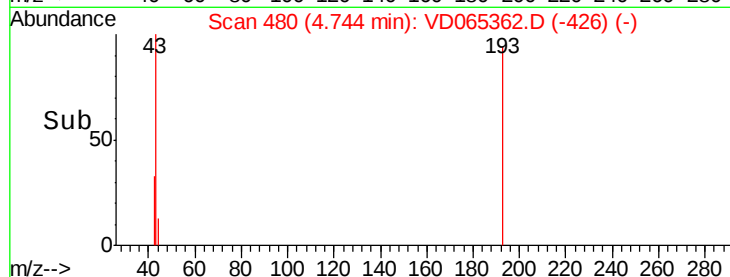
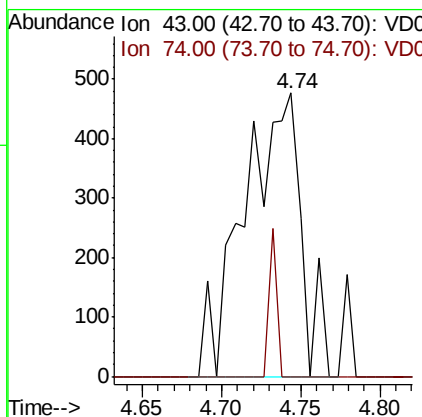
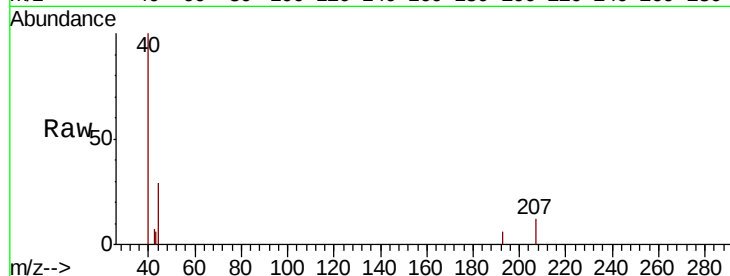




#18
Methyl Acetate
Concen: 1.484 ug/l
RT: 4.74 min Scan# 480
Delta R.T. 0.02 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

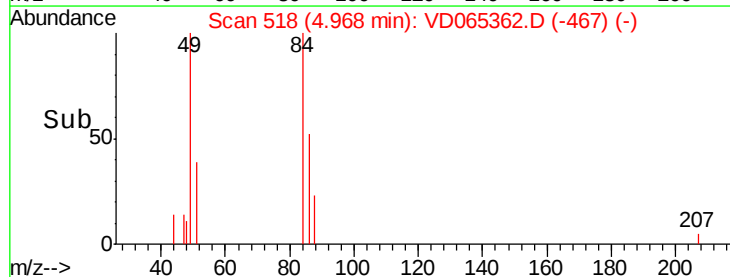
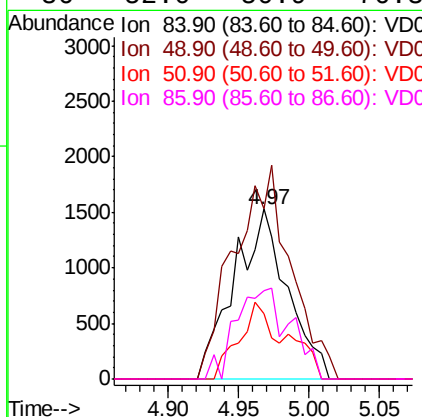
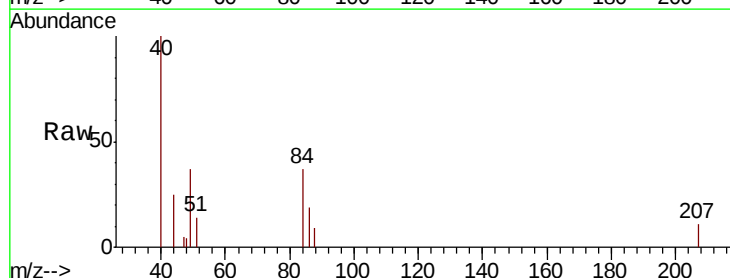
Instrument :
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GP-07-022720RE

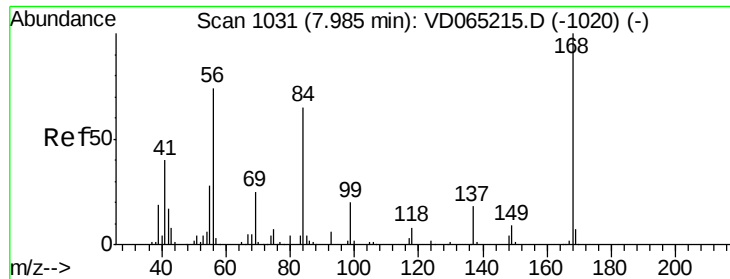
Tot Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
74 7.3 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Tgt Ion: 84 Resp: 4037
Ion Ratio Lower Upper
84 100
49 100.1 103.1 154.7#
51 38.7 31.7 47.5
86 52.0 50.9 76.3

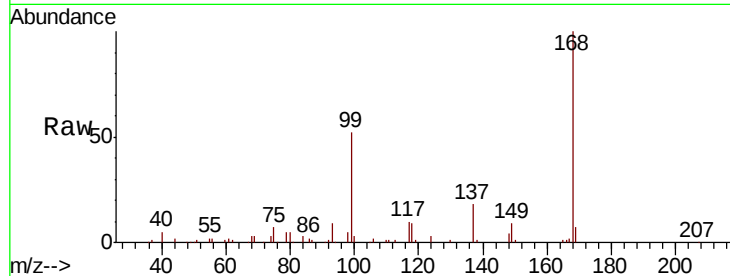




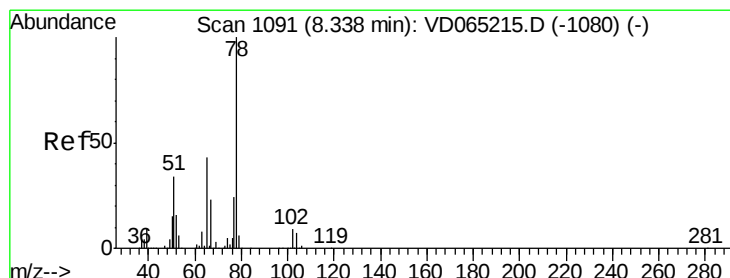
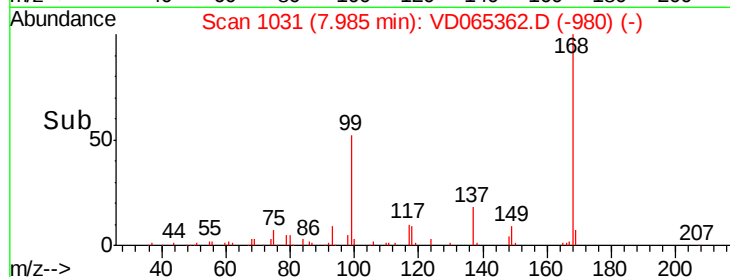
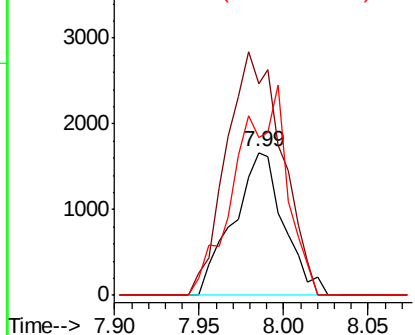
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Instrument :
MSVOA_D
ClientSampleId :
GP-07-022720RE

Tot Ion: 56 Resp: 3471
Ion Ratio Lower Upper
56 100
69 148.6 27.4 41.0#
84 110.5 71.1 106.7#

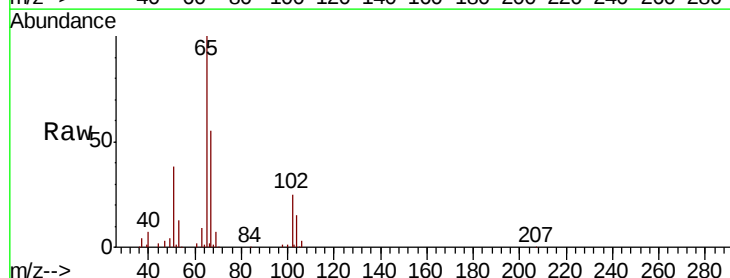


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

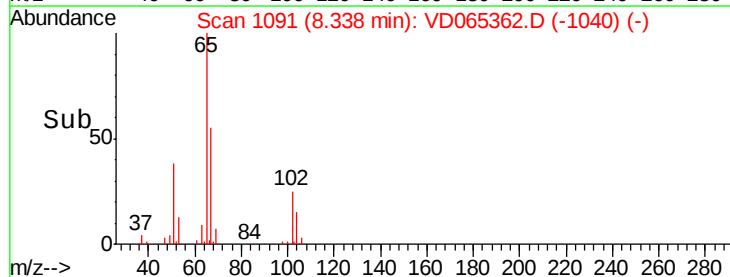
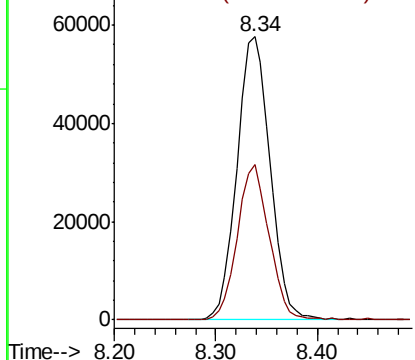


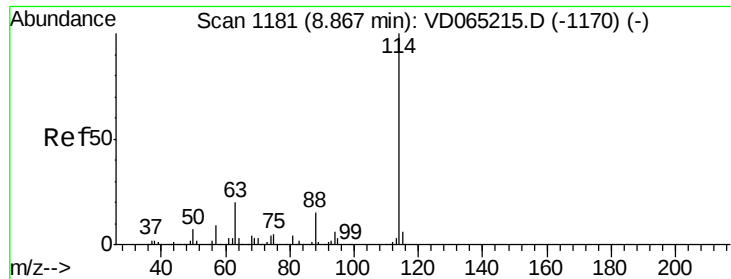
#33
1,2-Dichloroethane-d4
Concen: 89.078 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Tgt Ion: 65 Resp: 131082
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

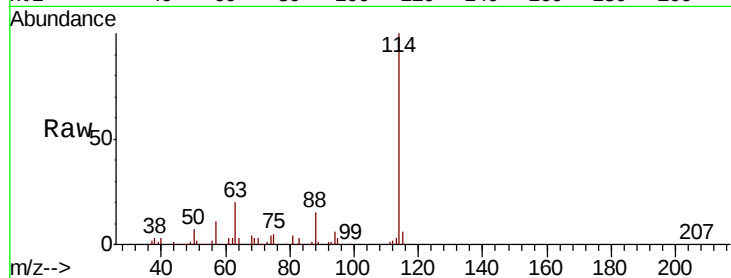




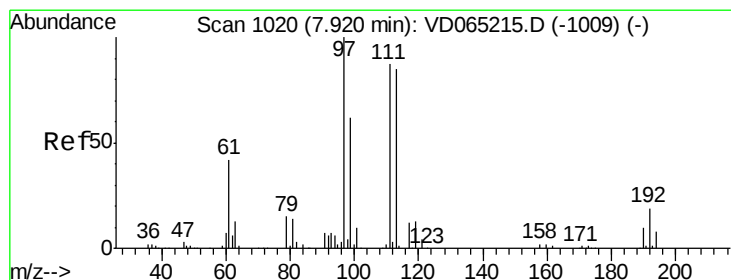
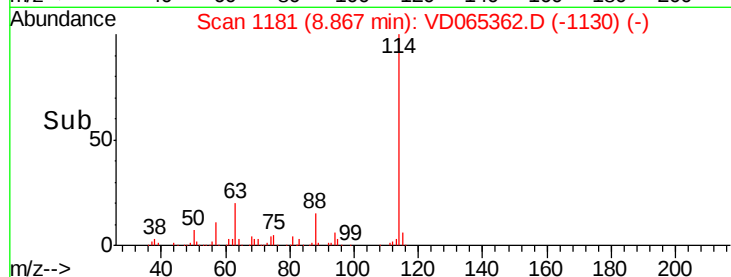
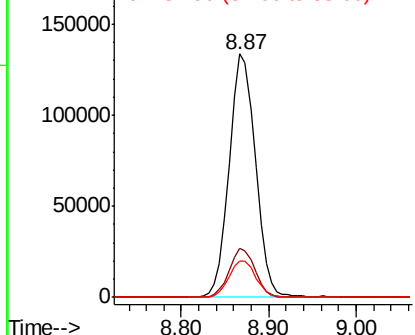
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065362.D
 Acq: 28 Feb 2020 16:47

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 GP-07-022720RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.4
88	14.7	0.0	30.4

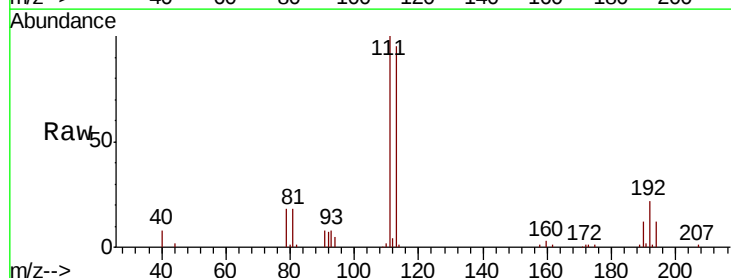


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

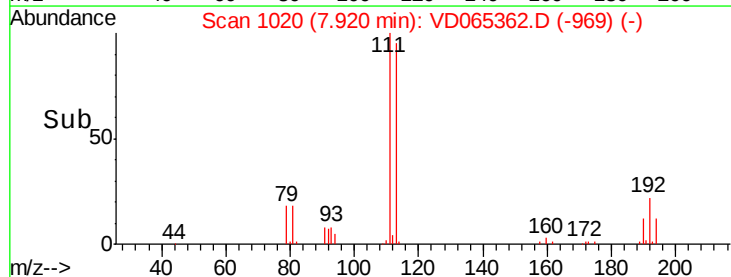
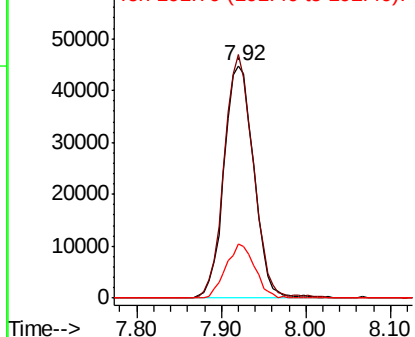


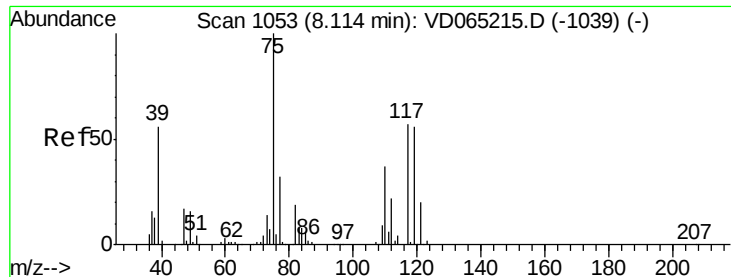
#35
 Dibromofluoromethane
 Concen: 65.477 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065362.D
 Acq: 28 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	22.5	17.3	25.9



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

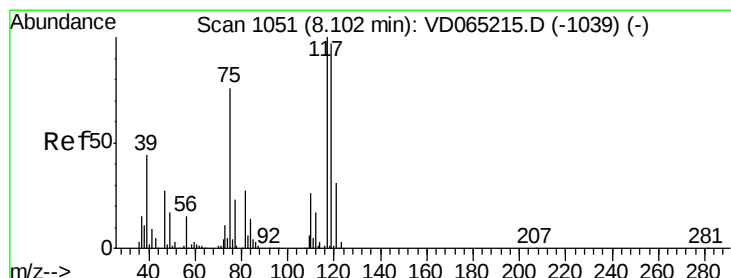
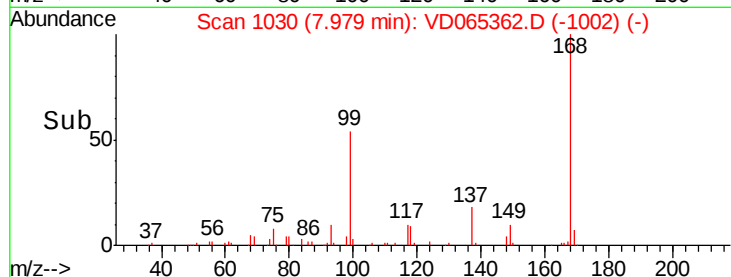
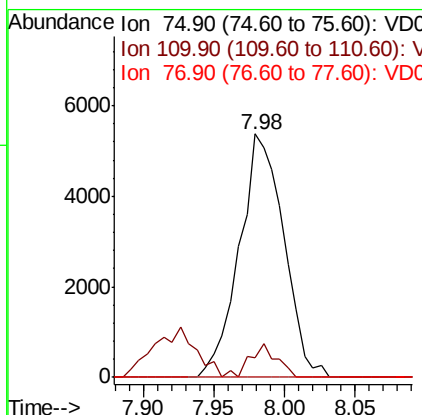
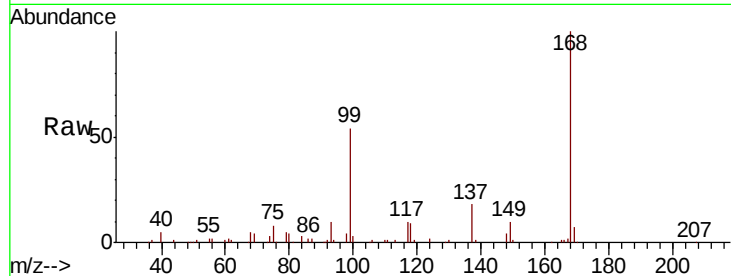




#36
 1,1-Dichloropropene
 Concen: 4.471 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065362.D
 Acq: 28 Feb 2020 16:47

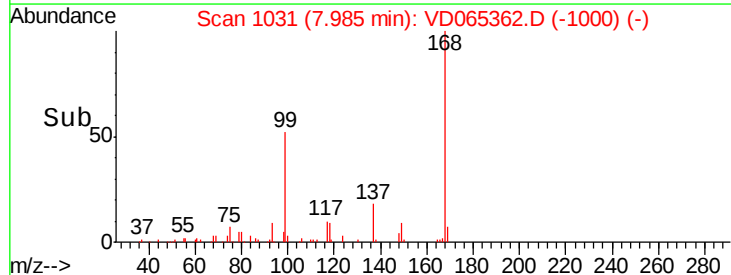
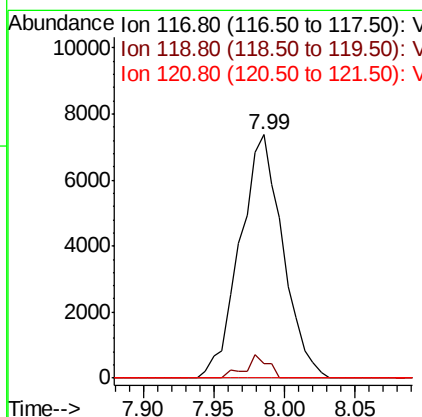
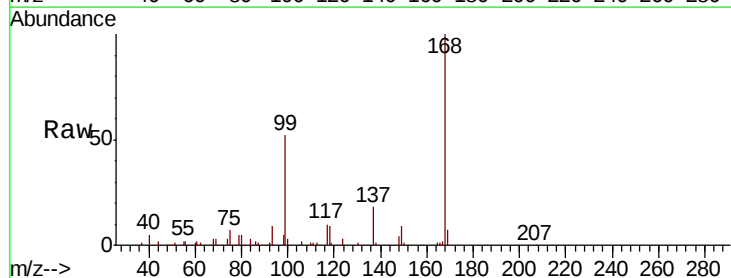
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-07-022720RE

Tot Ion	75	Resp	11841
Ion Ratio	Lower	Upper	
75	100		
110	7.9	17.9	53.7#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.806 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD065362.D
 Acq: 28 Feb 2020 16:47

Tgt Ion	117	Resp	15651
Ion Ratio	Lower	Upper	
117	100		
119	6.1	77.6	116.4#
121	0.0	24.8	37.2#

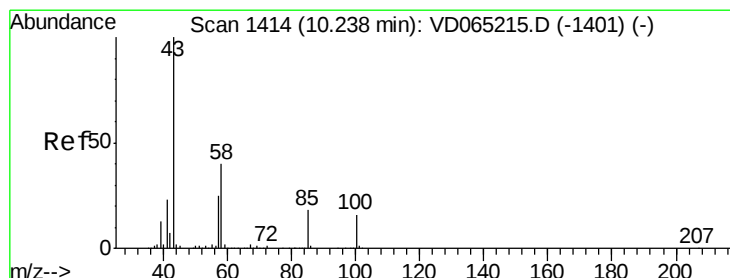
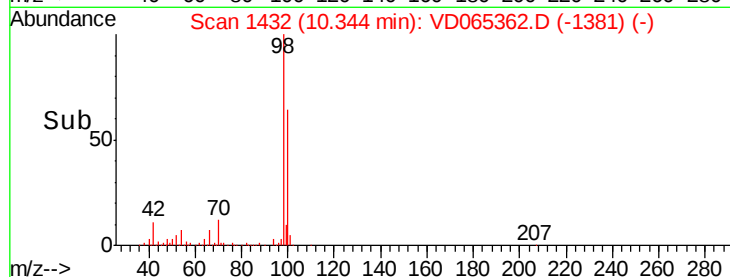
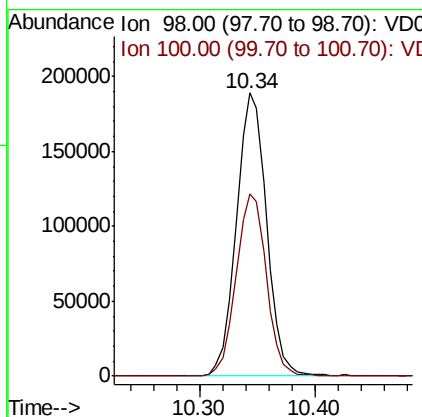
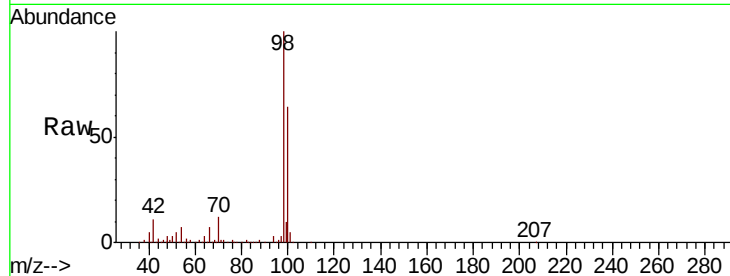




#50
Toluene-d8
Concen: 53.864 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

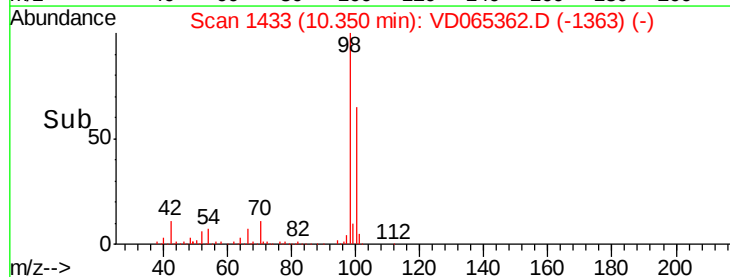
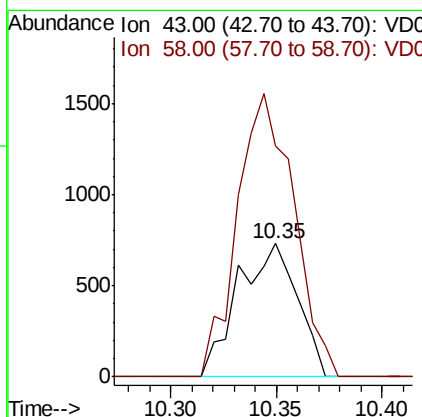
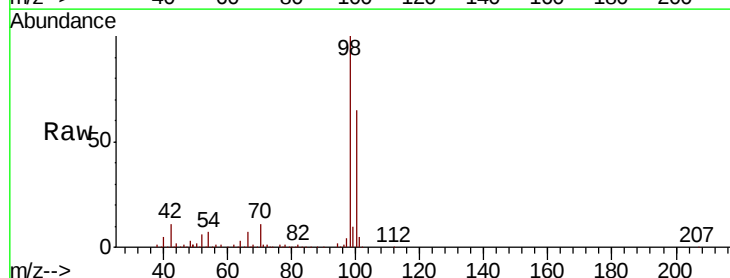
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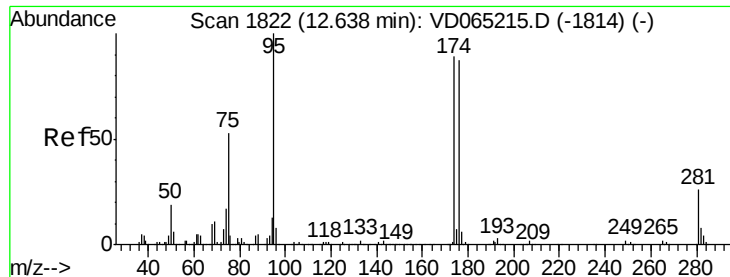
Tot Ion: 98 Resp: 341715
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.395 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.11 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 202.5 31.1 46.7#

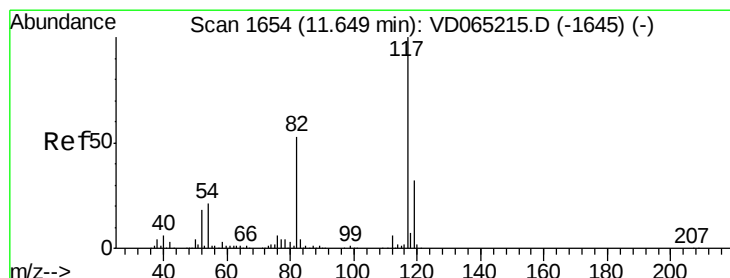
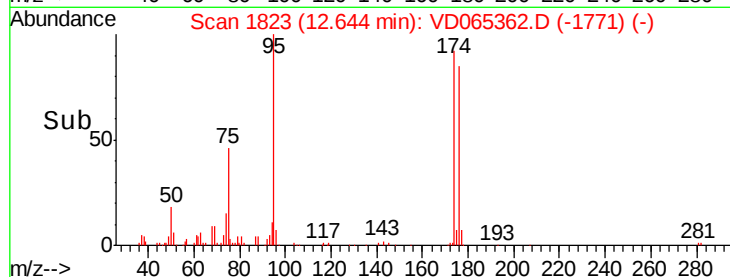
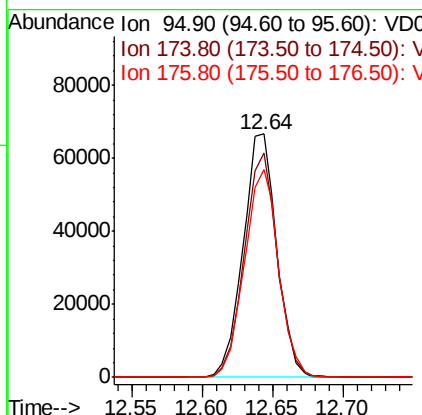
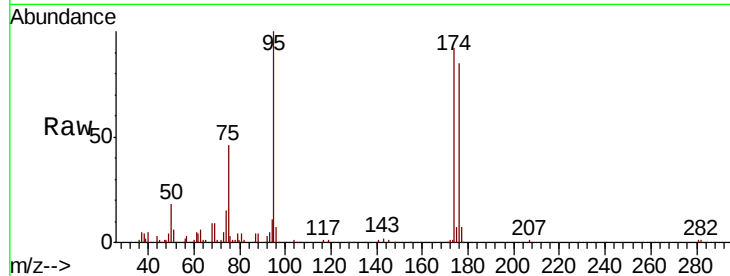




#62
4-Bromofluorobenzene
Concen: 55.331 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

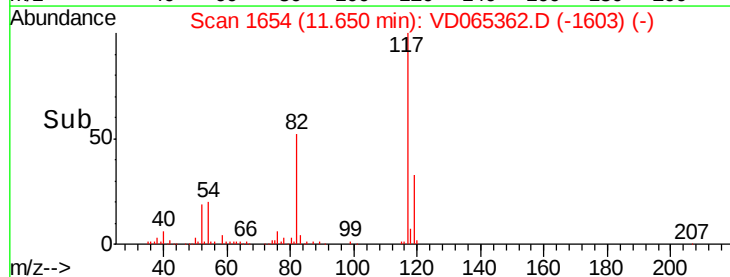
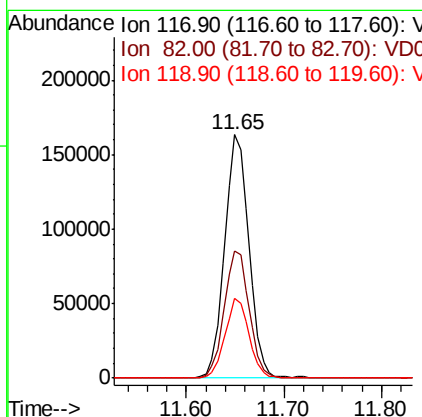
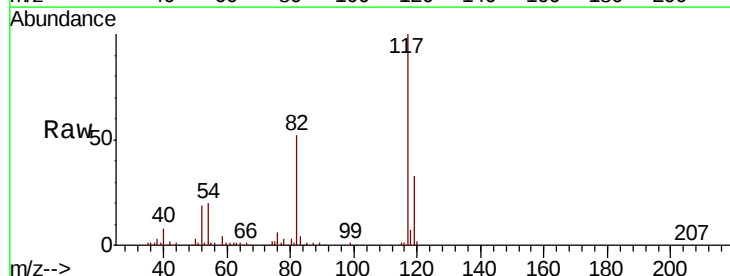
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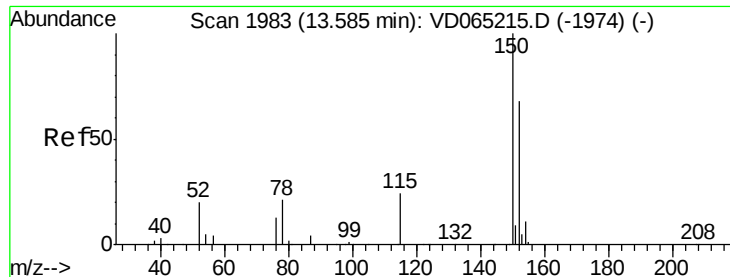
Tot Ion: 95 Resp: 111200
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.0
176 86.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Tgt Ion: 117 Resp: 282200
Ion Ratio Lower Upper
117 100
82 52.0 42.7 64.1
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.59 min Scan# 1984

Delta R.T. 0.01 min

Lab File: VD065362.D

Acq: 28 Feb 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

GP-07-022720RE

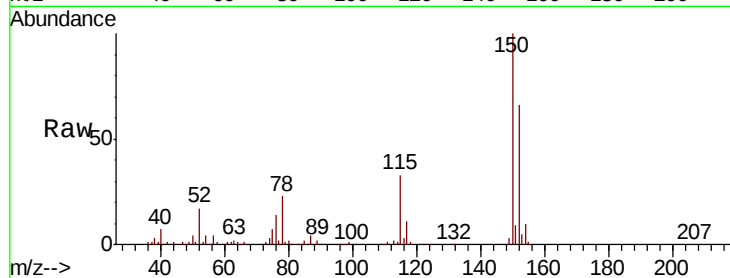
Tot Ion:152 Resp: 133887

Ion Ratio Lower Upper

152 100

115 53.4 27.6 82.8

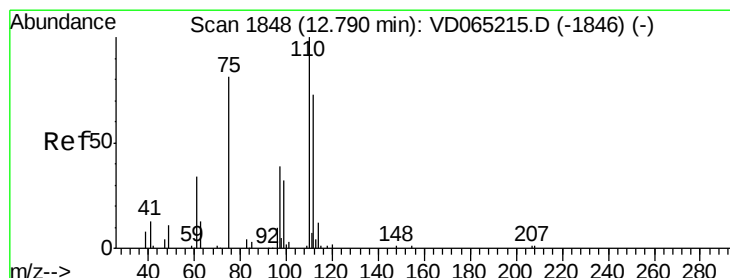
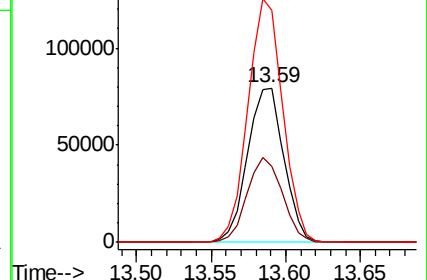
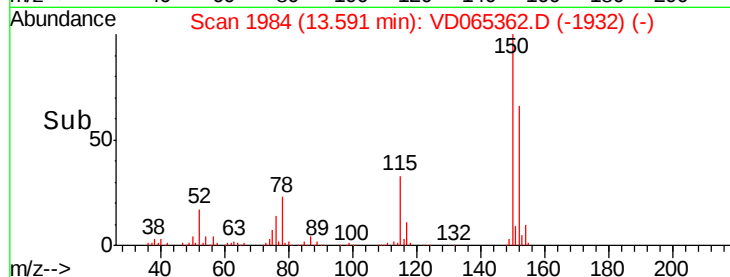
150 151.4 0.0 347.4



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



#76

1,2,3-Trichloropropane

Concen: 46.847 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065362.D

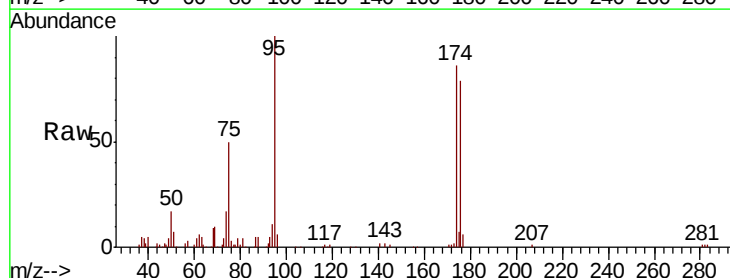
Acq: 28 Feb 2020 16:47

Tgt Ion: 75 Resp: 53366

Ion Ratio Lower Upper

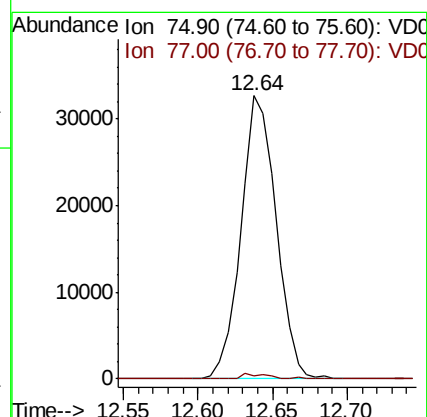
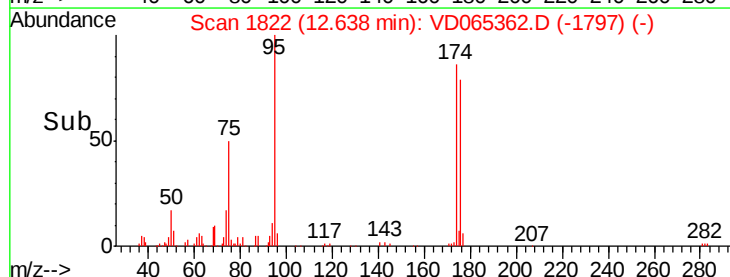
75 100

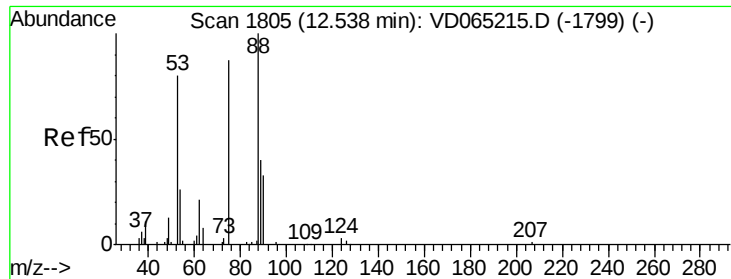
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 101.151 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065362.D

Acq: 28 Feb 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

GP-07-022720RE

Tot Ion: 75 Resp: 53366

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.2 55.8#

