

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065364.D
 Acq On : 28 Feb 2020 17:44
 Operator : VA/SY
 Sample : L1740-07RE
 Misc : 6.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-13-022720

Quant Time: Feb 28 21:56:55 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

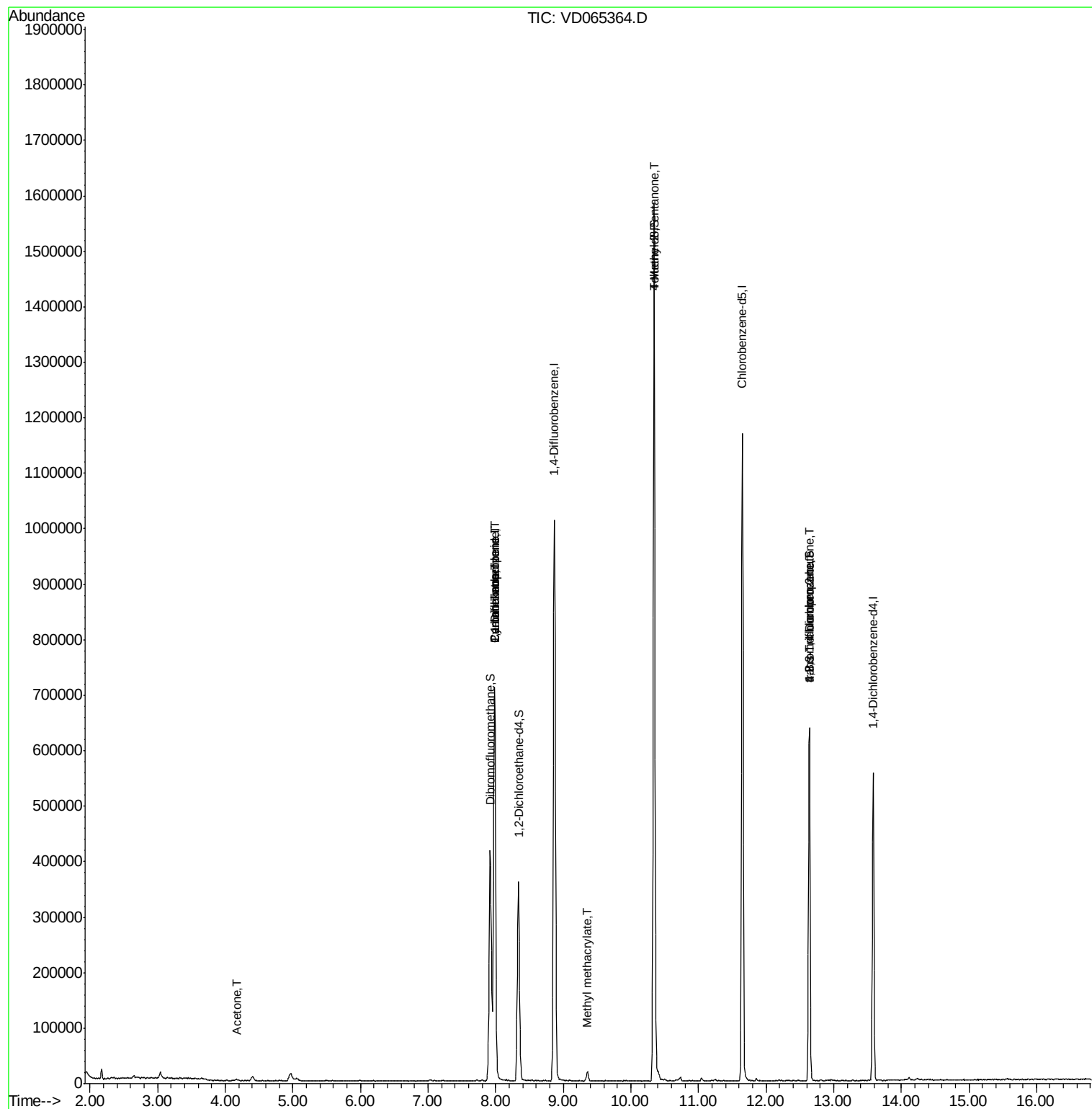
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	536153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	911084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	684038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	284285	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	7.92	113	301406	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.34	98	1070929	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.64	95	208609	31.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.02%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	5197	4.408	ug/l #	81
20) Methylene Chloride	4.97	84	10215	Below Cal		84
31) Cyclohexane	7.98	56	13822	1.457	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	39057	4.406	ug/l #	50
38) Carbon Tetrachloride	7.98	117	51843	5.745	ug/l #	15
48) Methyl methacrylate	9.36	41	3350	1.075	ug/l #	70
51) 4-Methyl-2-Pentanone	10.34	43	4368	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	102719	76.653	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	102719	165.508	ug/l #	11

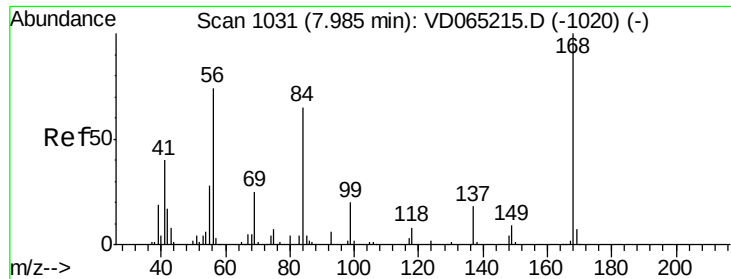
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :
GP-13-022720

Quant Time: Feb 28 21:56:55 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065364.D

Acq: 28 Feb 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

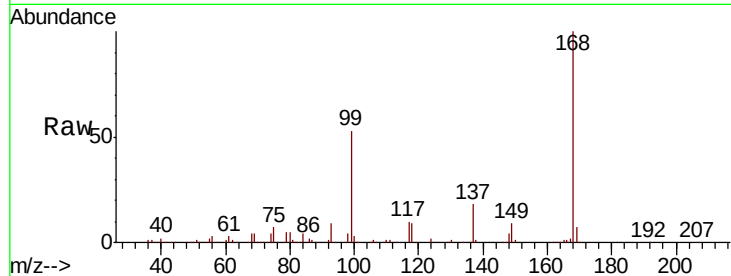
GP-13-022720

Tot Ion:168 Resp: 536153

Ion Ratio Lower Upper

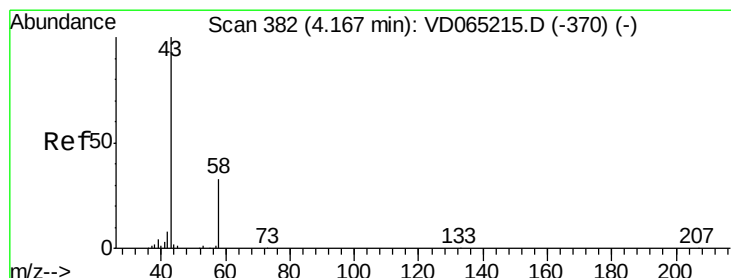
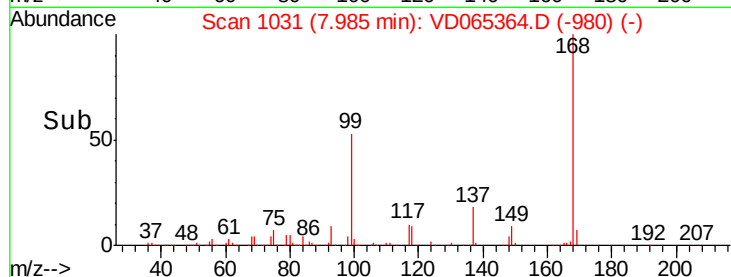
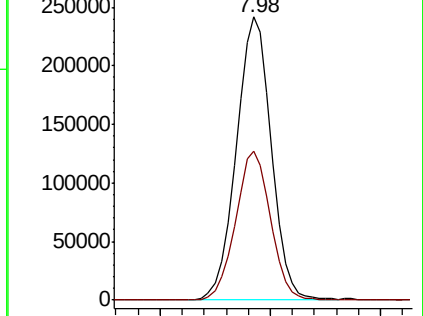
168 100

99 52.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 4.408 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065364.D

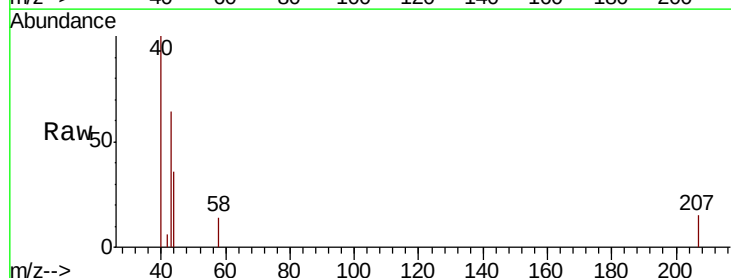
Acq: 28 Feb 2020 17:44

Tgt Ion: 43 Resp: 5197

Ion Ratio Lower Upper

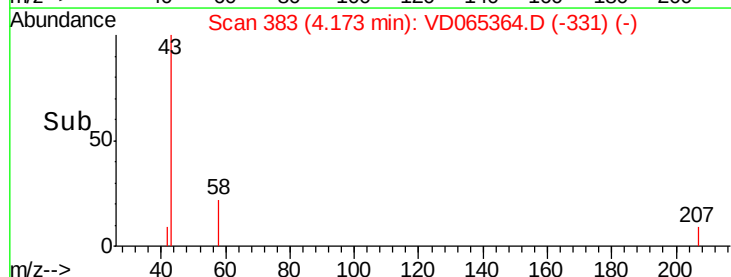
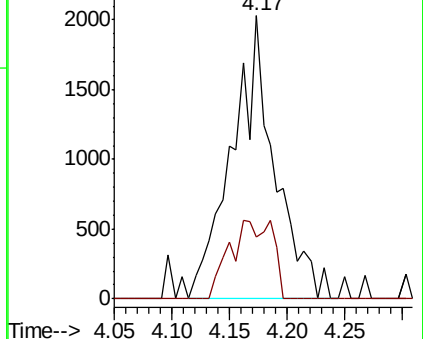
43 100

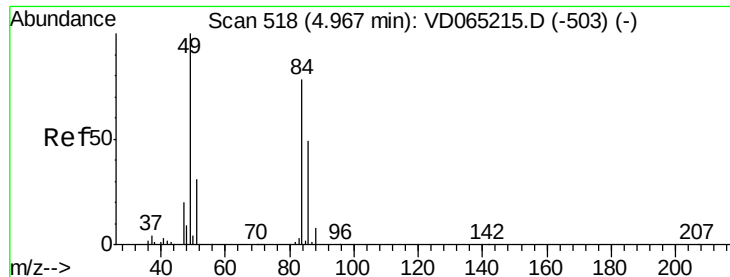
58 21.9 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

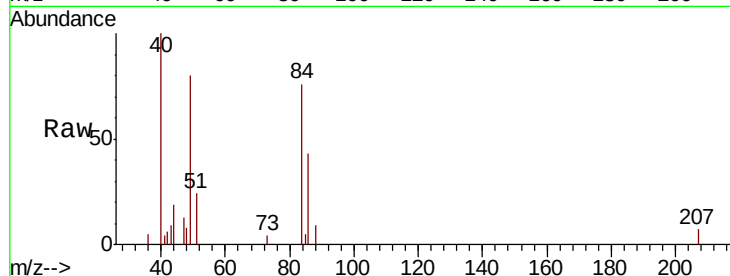




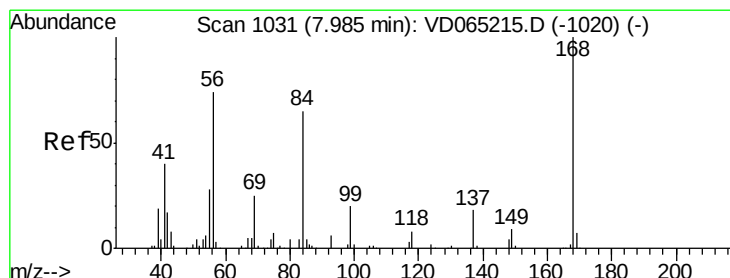
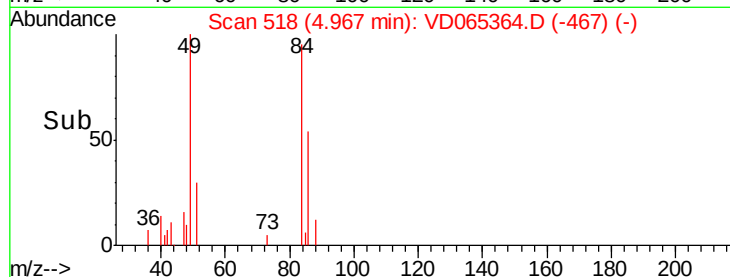
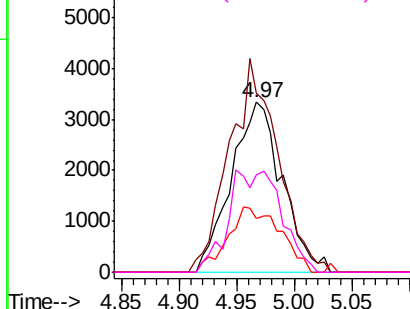
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065364.D
Acq: 28 Feb 2020 17:44

Instrument :
MSVOA_D
ClientSampleId :
GP-13-022720

Tot Ion:	84	Resp:	10215
Ion	Ratio	Lower	Upper
84	100		
49	105.6	103.1	154.7
51	31.9	31.7	47.5
86	57.1	50.9	76.3

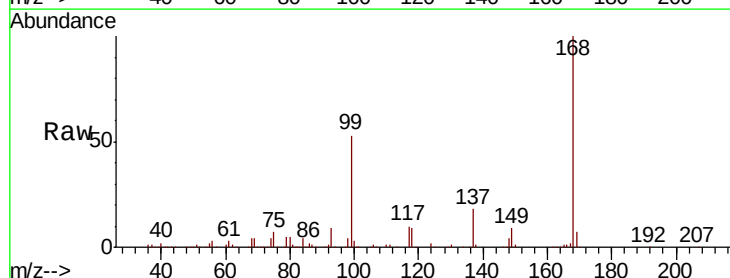


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

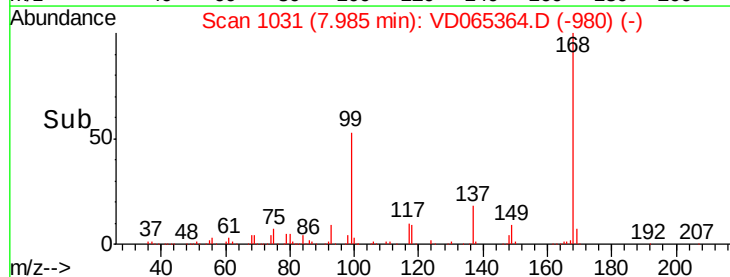
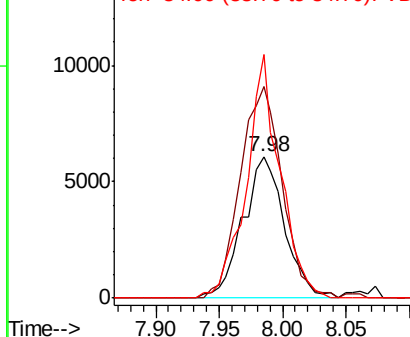


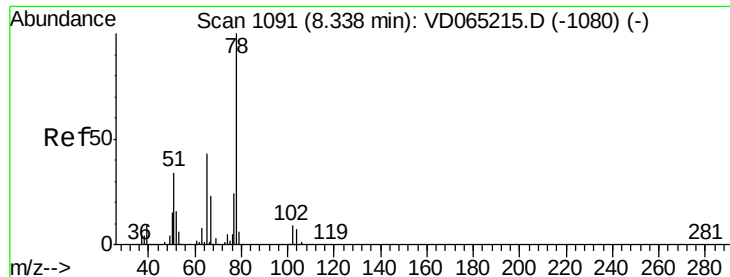
#31
Cyclohexane
Concen: 1.457 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065364.D
Acq: 28 Feb 2020 17:44

Tgt Ion:	56	Resp:	13822
Ion	Ratio	Lower	Upper
56	100		
69	149.4	27.4	41.0#
84	178.7	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

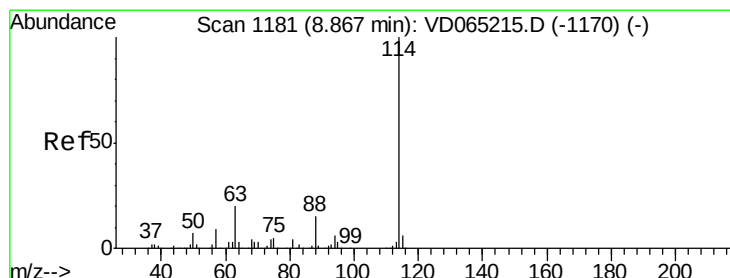
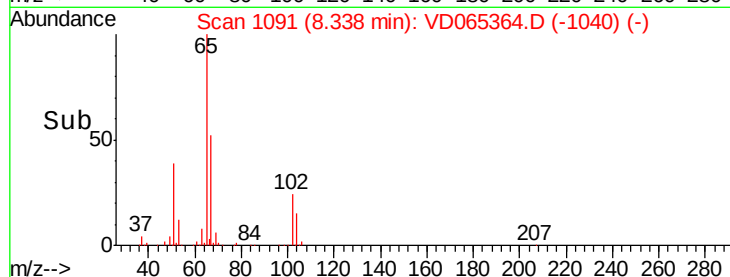
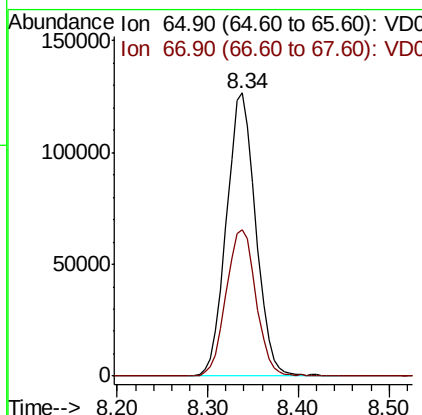
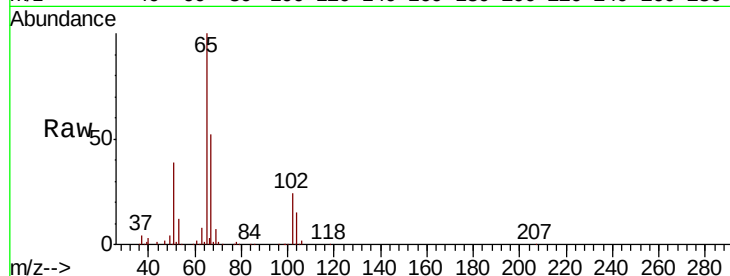




#33
 1,2-Dichloroethane-d4
 Concen: 58.940 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065364.D
 Acq: 28 Feb 2020 17:44

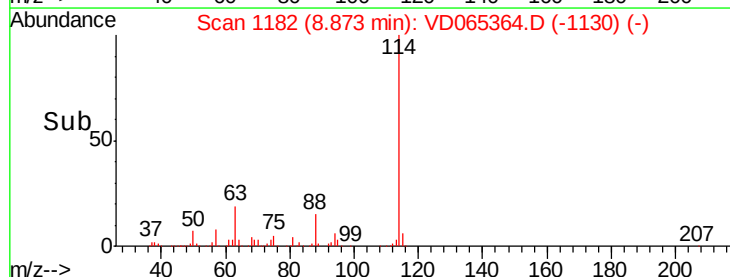
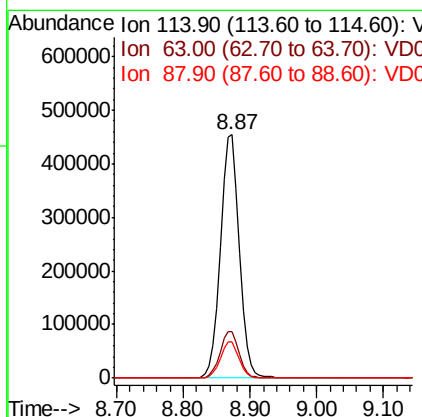
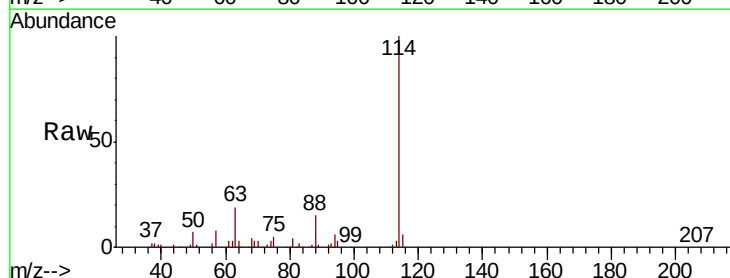
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-13-022720

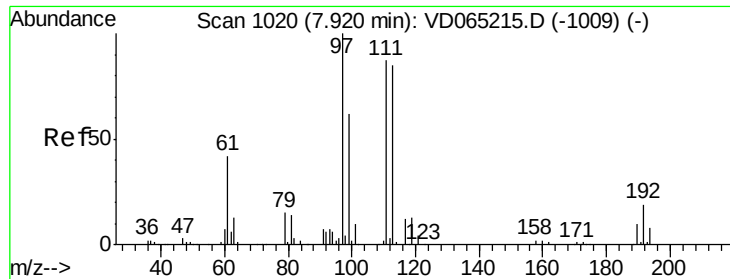
Tot Ion: 65 Resp: 284285
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065364.D
 Acq: 28 Feb 2020 17:44

Tgt Ion: 114 Resp: 911084
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 14.9 0.0 30.4

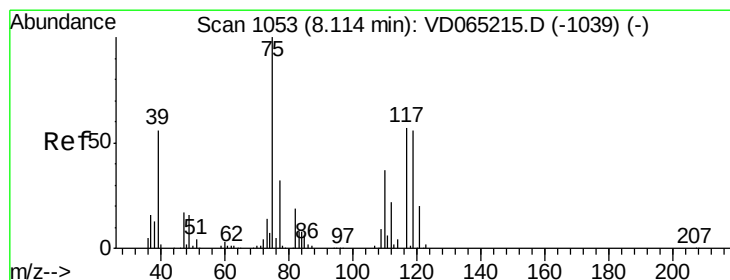
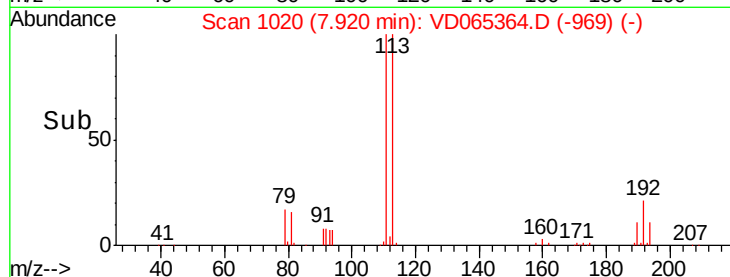
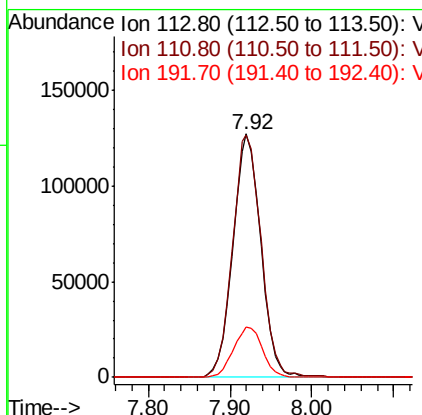
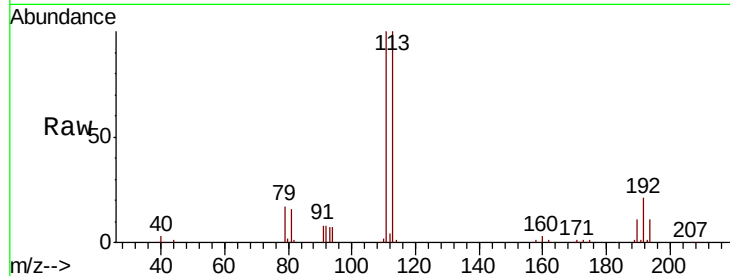




#35
 Dibromofluoromethane
 Concen: 54.256 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065364.D
 Acq: 28 Feb 2020 17:44

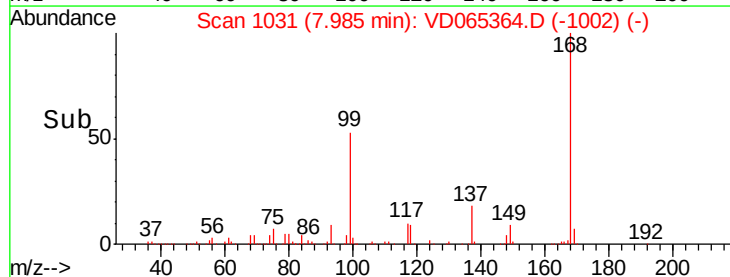
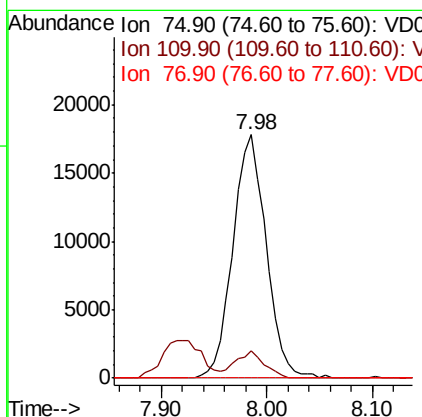
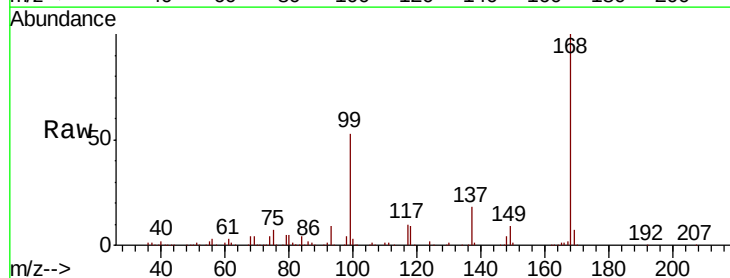
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-13-022720

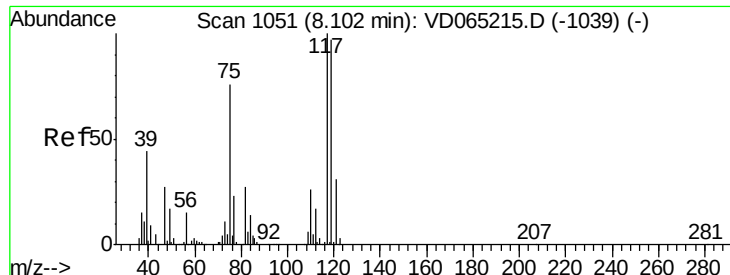
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	21.5	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.406 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065364.D
 Acq: 28 Feb 2020 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.9	53.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.745 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065364.D

Acq: 28 Feb 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

GP-13-022720

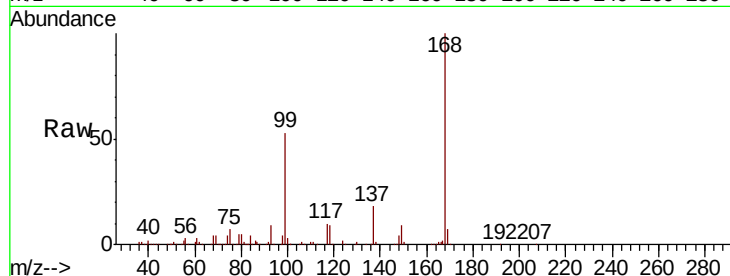
Tot Ion:117 Resp: 51843

Ion Ratio Lower Upper

117 100

119 4.4 77.6 116.4#

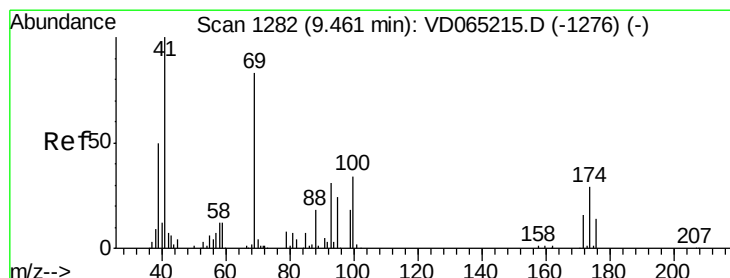
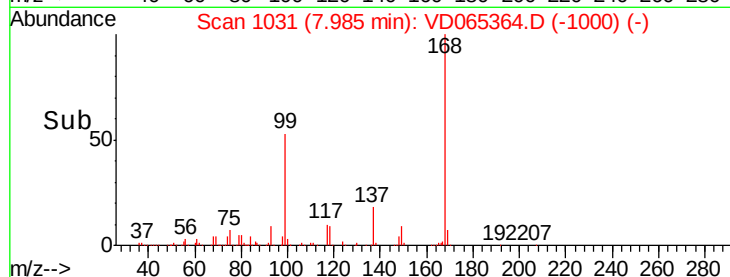
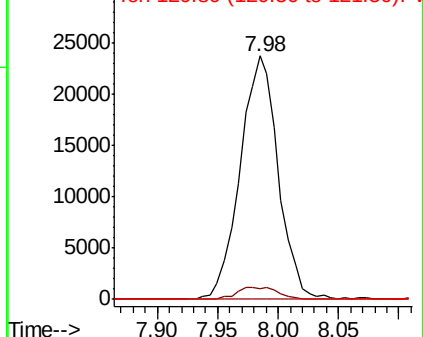
121 0.0 24.8 37.2#



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



#48

Methyl methacrylate

Concen: 1.075 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. -0.10 min

Lab File: VD065364.D

Acq: 28 Feb 2020 17:44

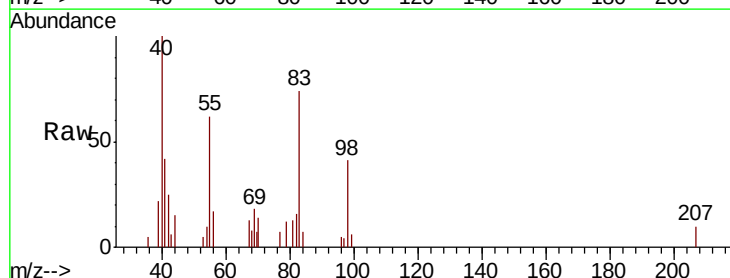
Tgt Ion: 41 Resp: 3350

Ion Ratio Lower Upper

41 100

69 42.6 68.2 102.2#

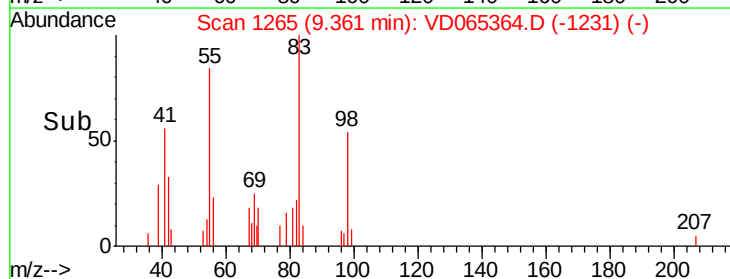
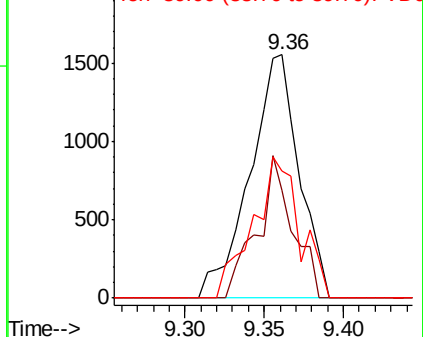
39 55.0 42.0 63.0

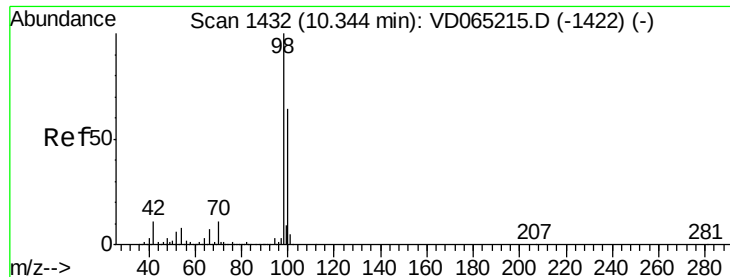


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#50

Toluene-d8

Concen: 50.427 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065364.D

Acq: 28 Feb 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

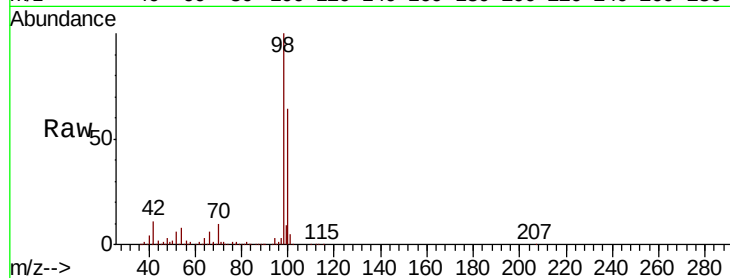
GP-13-022720

Tot Ion: 98 Resp: 1070929

Ion Ratio Lower Upper

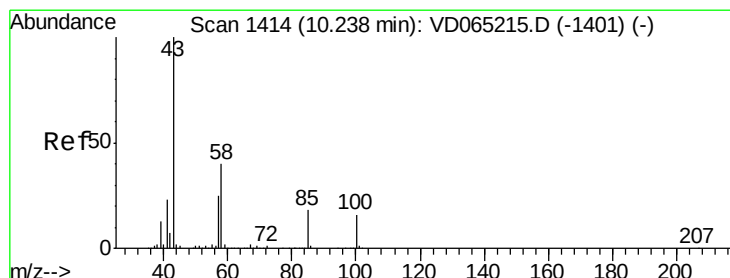
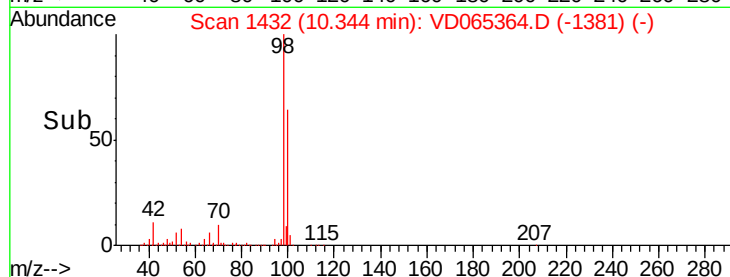
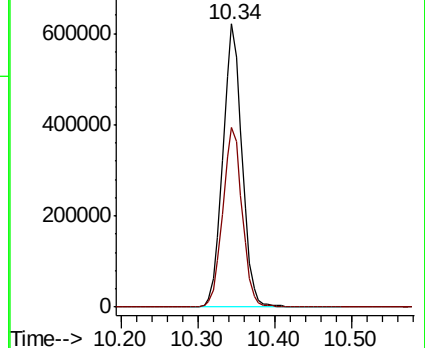
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.276 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.10 min

Lab File: VD065364.D

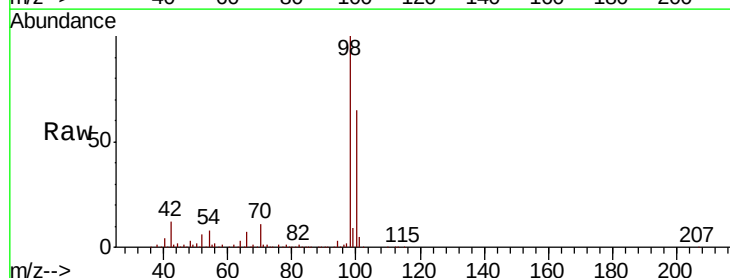
Acq: 28 Feb 2020 17:44

Tgt Ion: 43 Resp: 4368

Ion Ratio Lower Upper

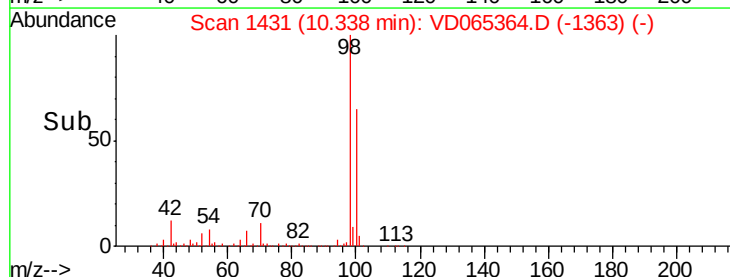
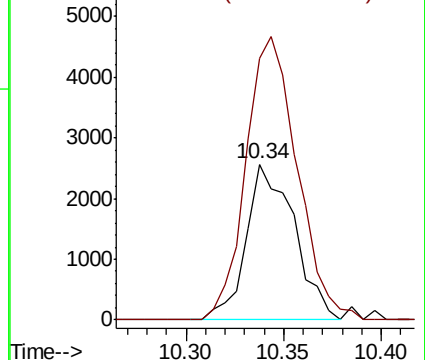
43 100

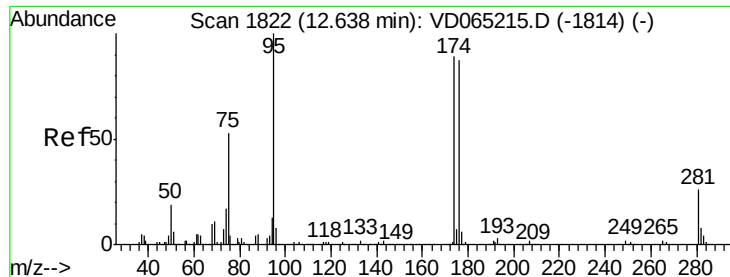
58 194.3 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

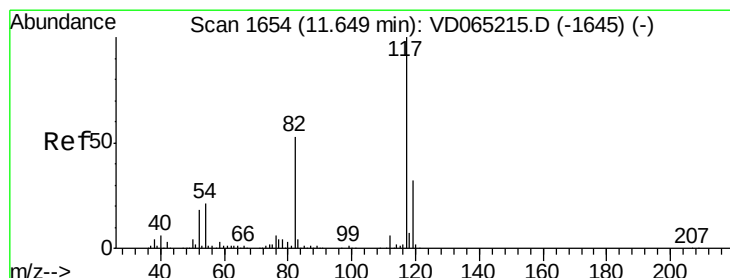
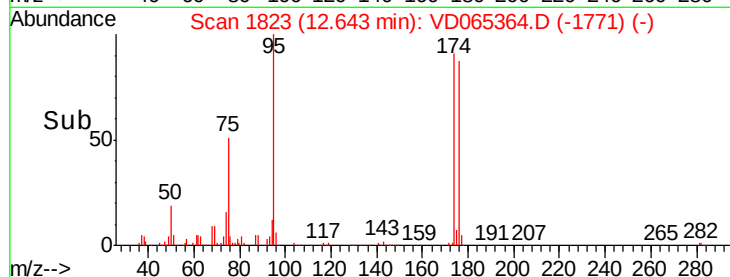
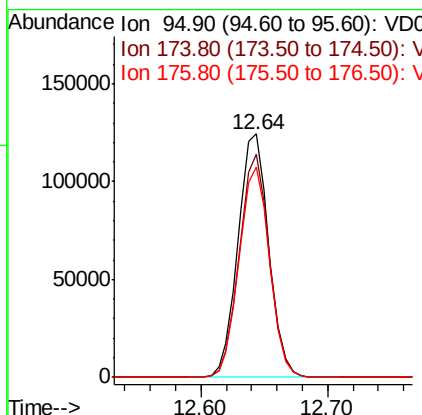
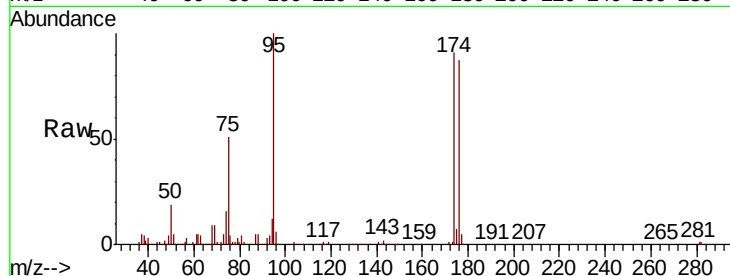




#62
4-Bromofluorobenzene
Concen: 31.007 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065364.D
Acq: 28 Feb 2020 17:44

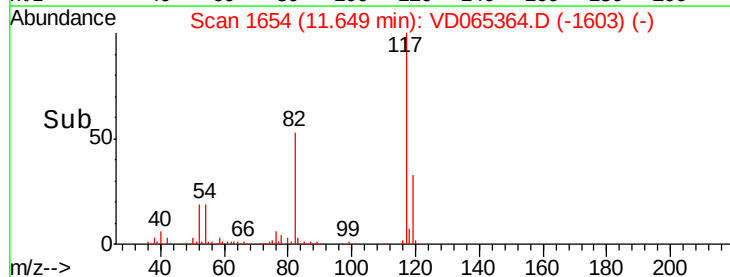
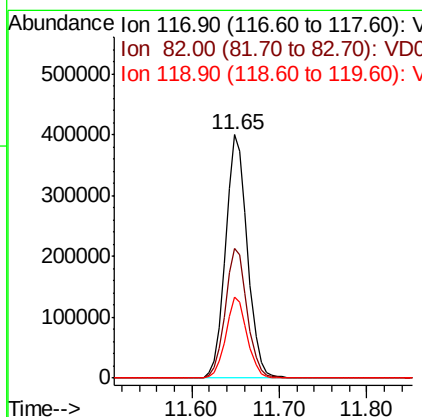
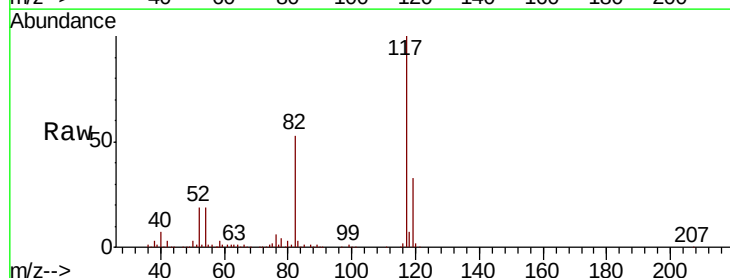
Instrument :
MSVOA_D
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GP-13-022720

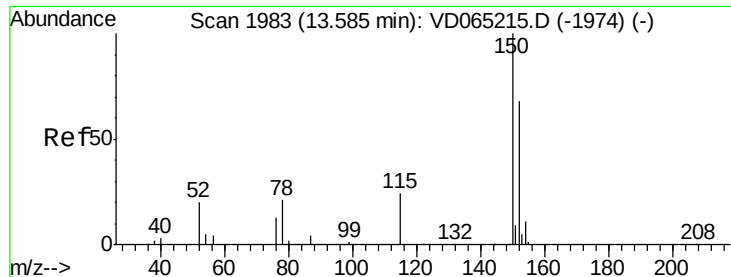
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.0
176	85.7	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065364.D
Acq: 28 Feb 2020 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.7	64.1
119	33.3	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: VD065364.D

Acq: 28 Feb 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

GP-13-022720

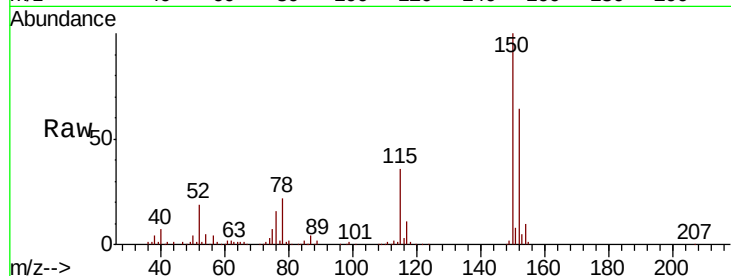
Tot Ion:152 Resp: 157499

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.8

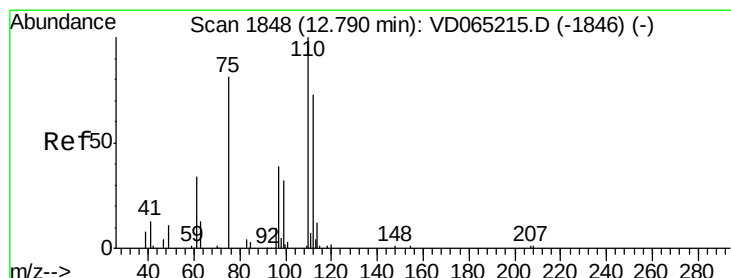
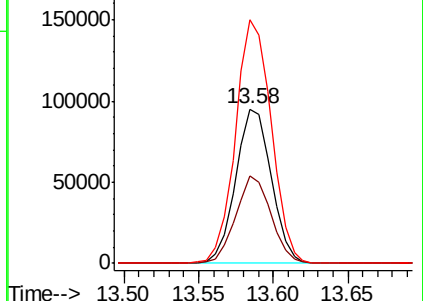
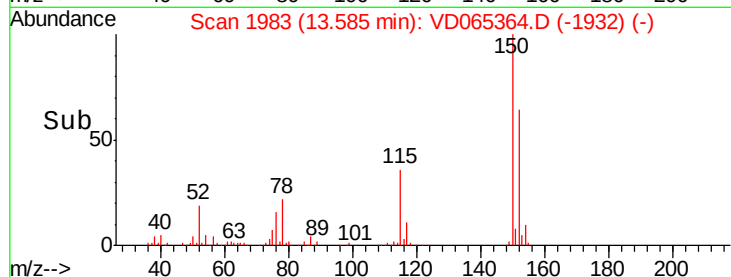
150 158.1 0.0 347.4



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: 76.653 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065364.D

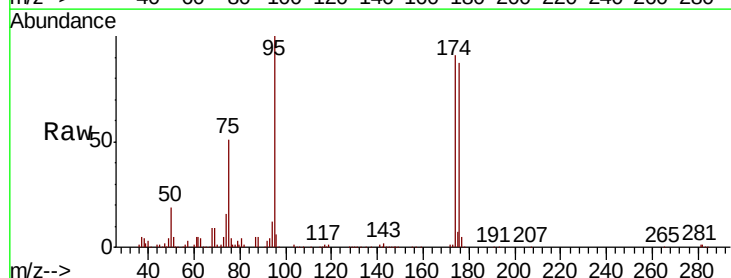
Acq: 28 Feb 2020 17:44

Tgt Ion: 75 Resp: 102719

Ion Ratio Lower Upper

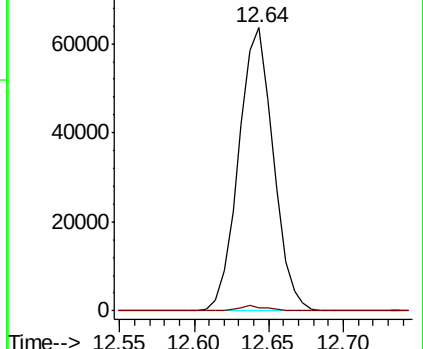
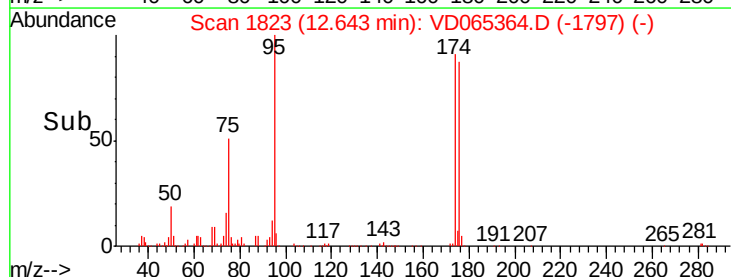
75 100

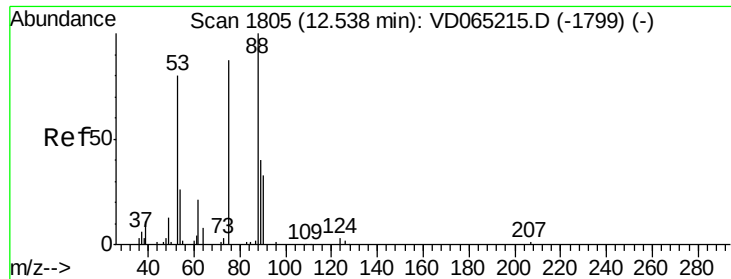
77 1.4 0.0 0.0#



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: 165.508 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065364.D

Acq: 28 Feb 2020 17:44

Instrument :

MSVOA_D

ClientSampleId :

GP-13-022720

Tot Ion: 75 Resp: 102719

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 37.2 55.8#

