

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
 Data File : VD065379.D
 Acq On : 02 Mar 2020 15:08
 Operator : VA/SY
 Sample : L1744-04
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Mar 02 15:26:57 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	560840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	950181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	860895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	391189	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	275851	54.67	ug/l	0.00
Spiked Amount			Recovery	=	109.34%	
35) Dibromofluoromethane	7.92	113	302045	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	10.34	98	1148996	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.64	95	348507	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	

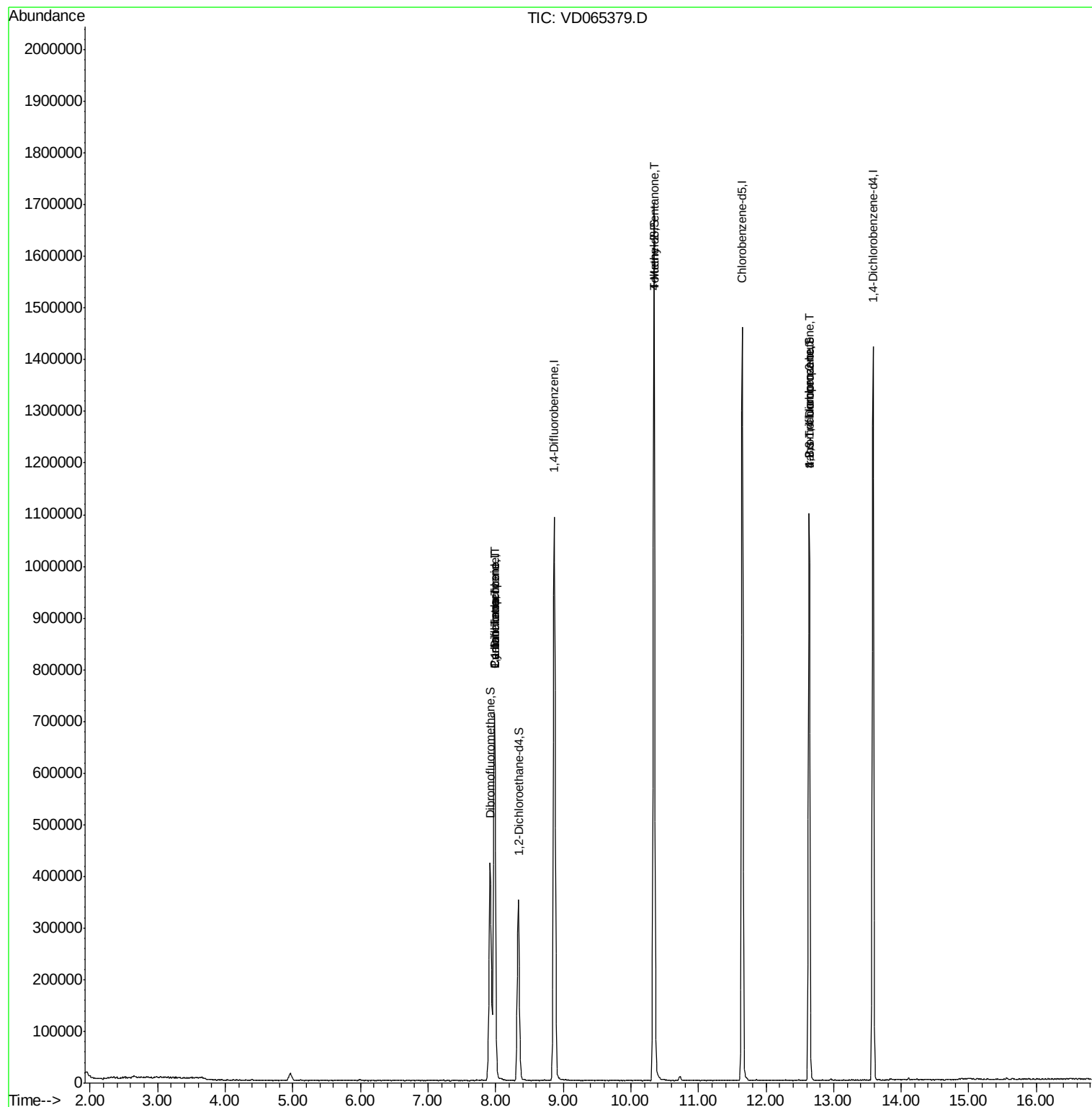
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.66	56	146	Below Cal	#	67
20) Methylene Chloride	4.97	84	10338	Below Cal		83
31) Cyclohexane	7.99	56	10511	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	40009	4.33	ug/l #	49
38) Carbon Tetrachloride	7.99	117	51354	5.46	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4264	1.19	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	168960	50.76	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	168960	109.61	ug/l #	11

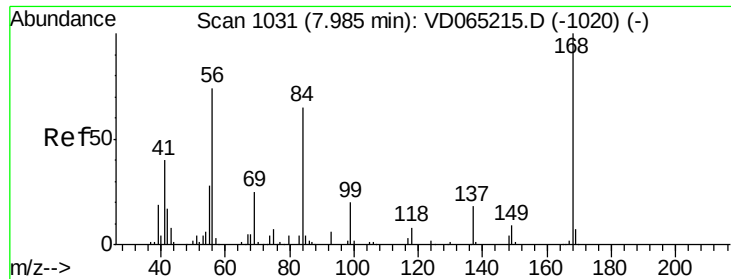
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 15:26:57 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: 50.00 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065379.D

Acq: 02 Mar 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

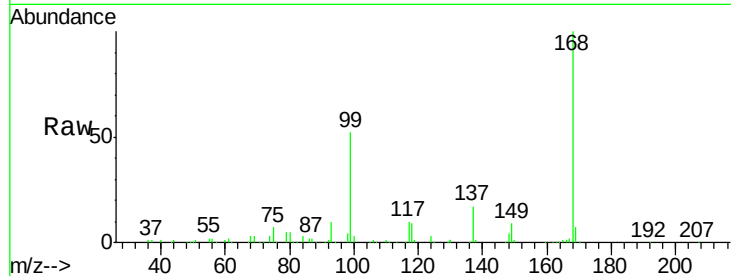
TP-4

Tgt Ion:168 Resp: 560840

Ion Ratio Lower Upper

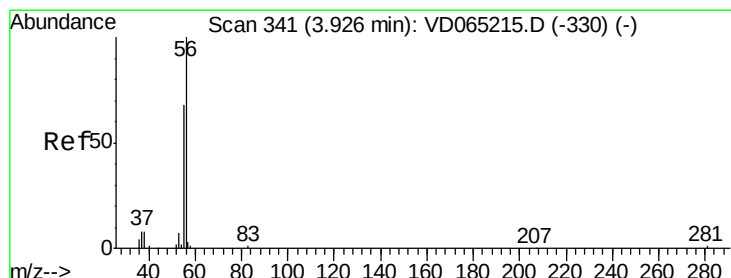
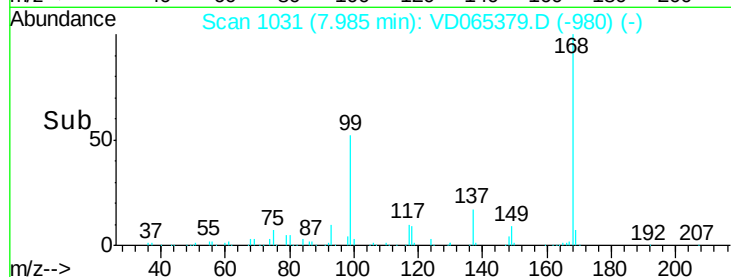
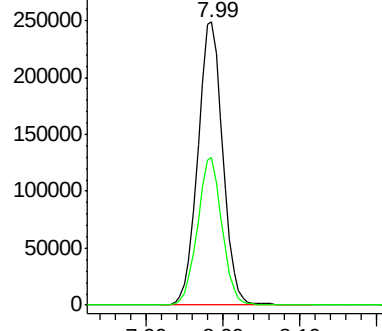
168 100

99 52.3 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#13

Acrolein

Concen: Below Cal

RT: 3.66 min Scan# 295

Delta R.T. -0.27 min

Lab File: VD065379.D

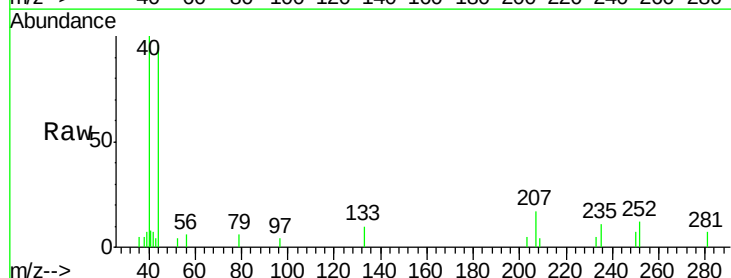
Acq: 02 Mar 2020 15:08

Tgt Ion: 56 Resp: 146

Ion Ratio Lower Upper

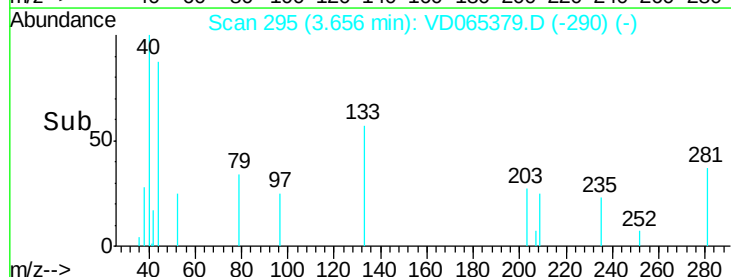
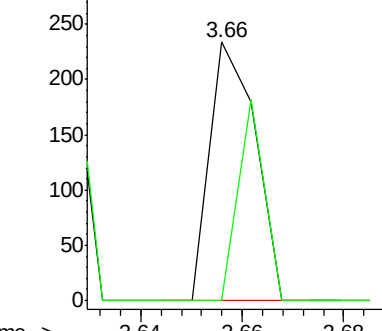
56 100

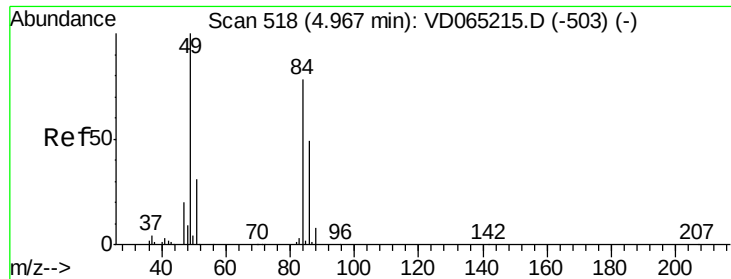
55 43.8 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

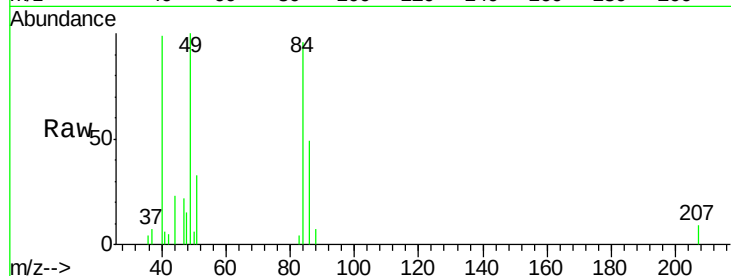




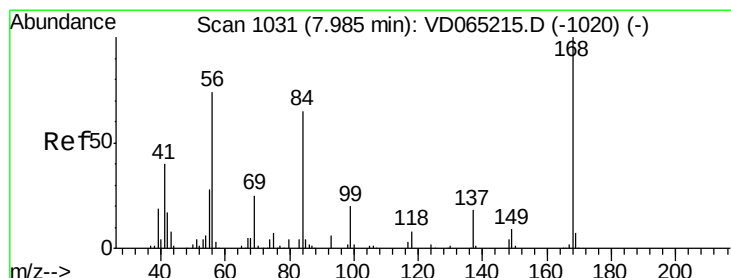
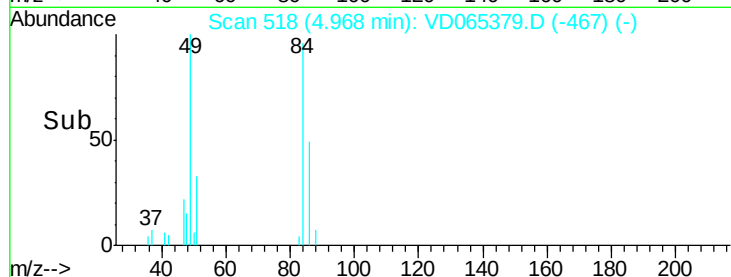
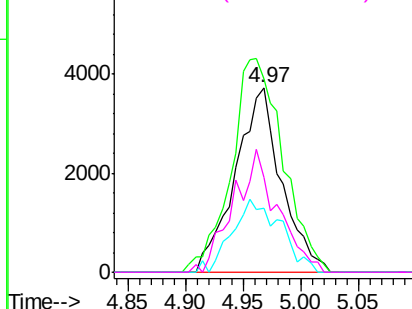
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065379.D
Acq: 02 Mar 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 10338
Ion Ratio Lower Upper
84 100
49 104.7 103.1 154.7
51 34.8 31.7 47.5
86 51.7 50.9 76.3

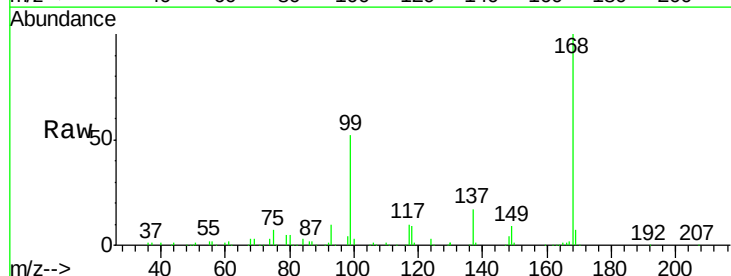


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

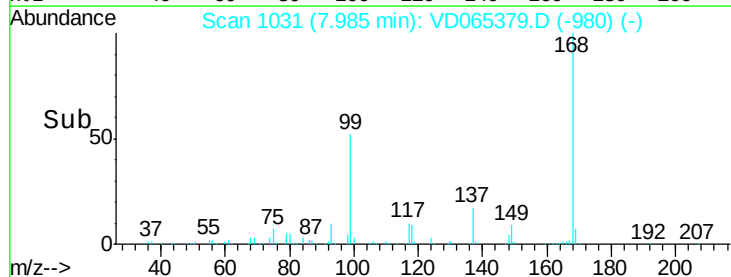
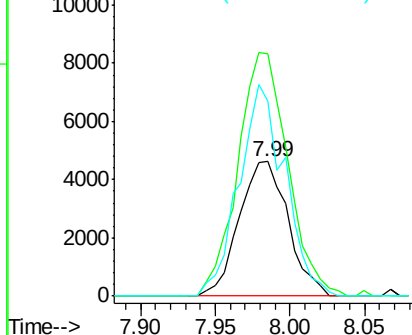


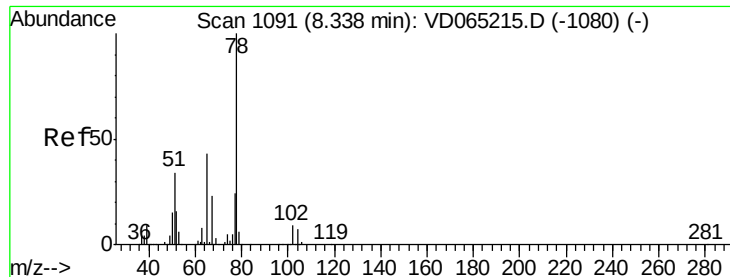
#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065379.D
Acq: 02 Mar 2020 15:08

Tgt Ion: 56 Resp: 10511
Ion Ratio Lower Upper
56 100
69 179.9 27.4 41.0#
84 145.3 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

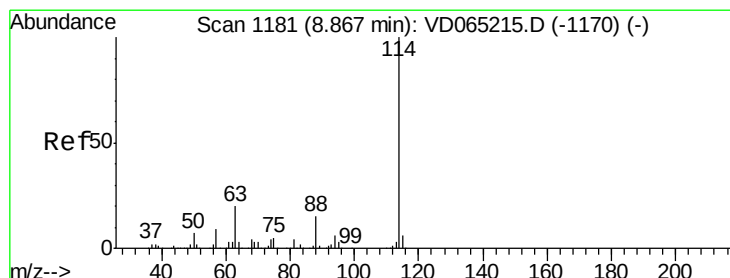
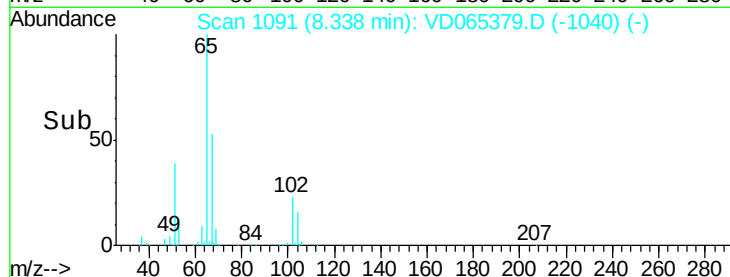
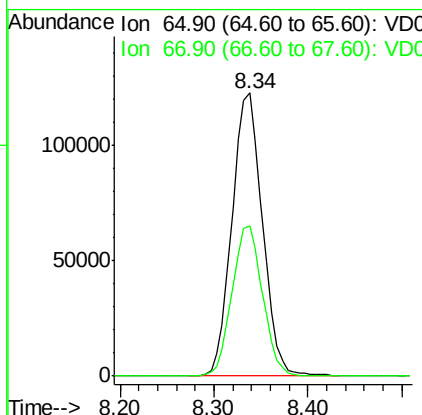
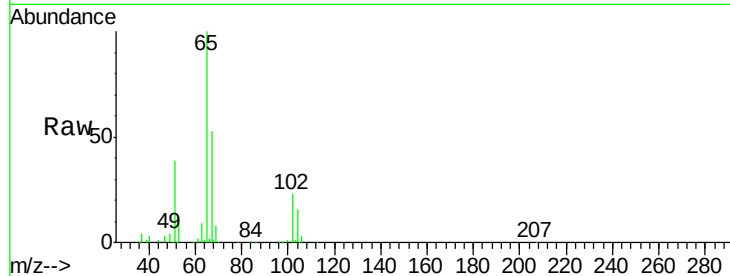




#33
 1,2-Dichloroethane-d4
 Concen: 54.67 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065379.D
 Acq: 02 Mar 2020 15:08

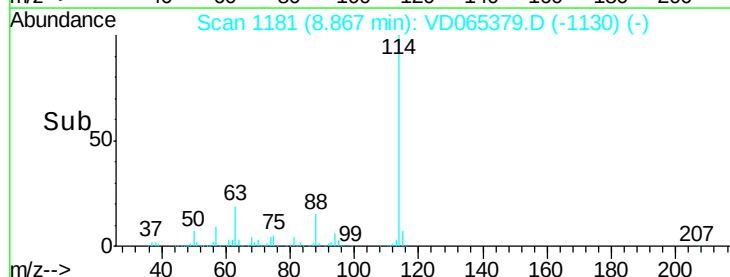
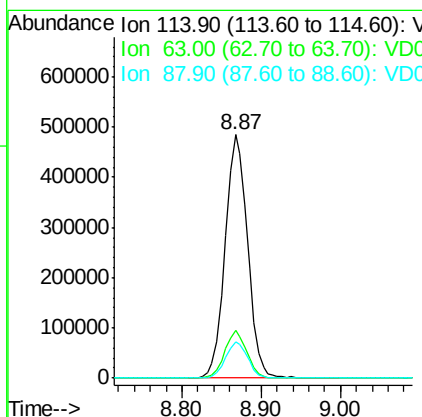
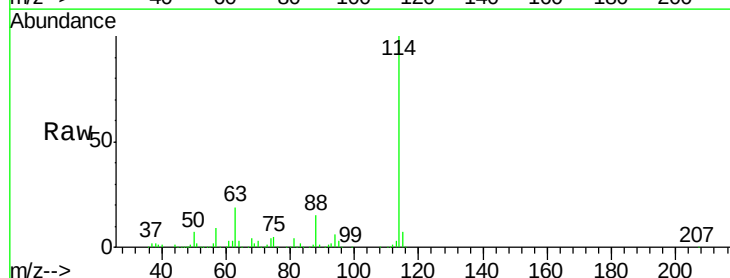
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

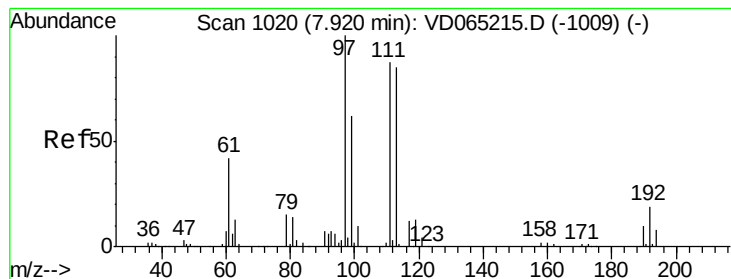
Tgt Ion: 65 Resp: 275851
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065379.D
 Acq: 02 Mar 2020 15:08

Tgt Ion: 114 Resp: 950181
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.13 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065379.D

Acq: 02 Mar 2020 15:08

Instrument :

MSVOA_D

ClientSampled :

TP-4

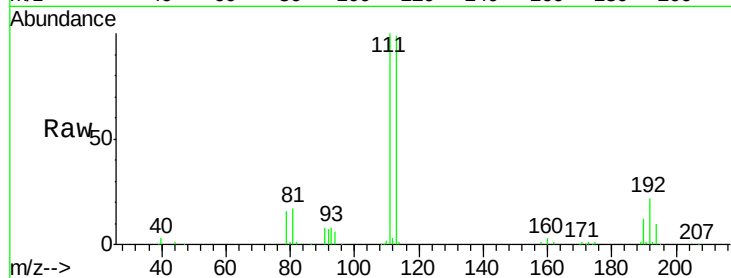
Tgt Ion:113 Resp: 302045

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

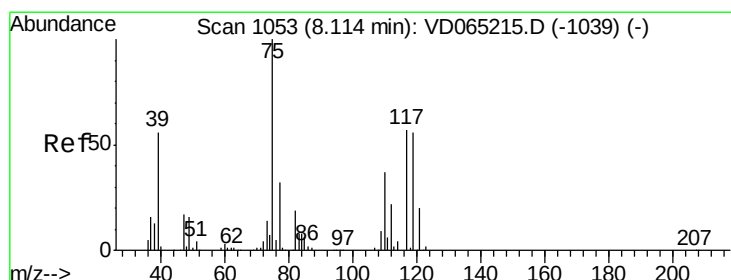
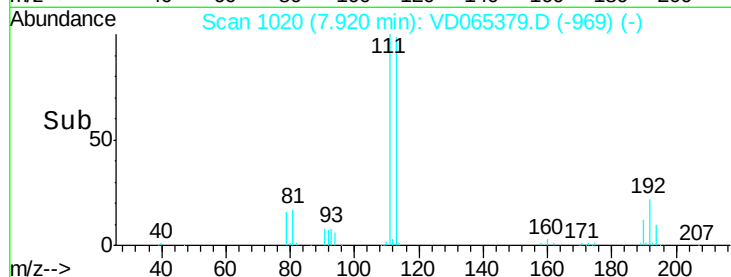
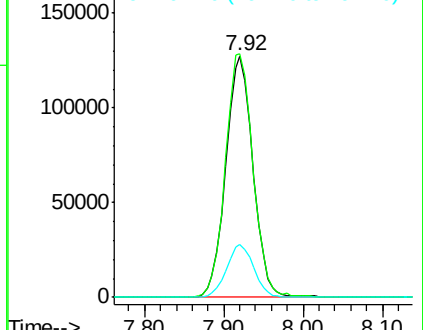
192 22.0 17.3 25.9



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: 4.33 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065379.D

Acq: 02 Mar 2020 15:08

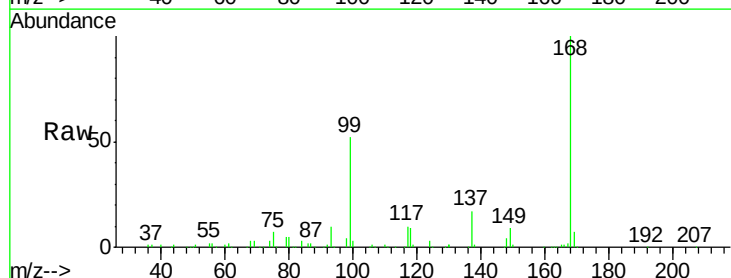
Tgt Ion: 75 Resp: 40009

Ion Ratio Lower Upper

75 100

110 8.7 17.9 53.7#

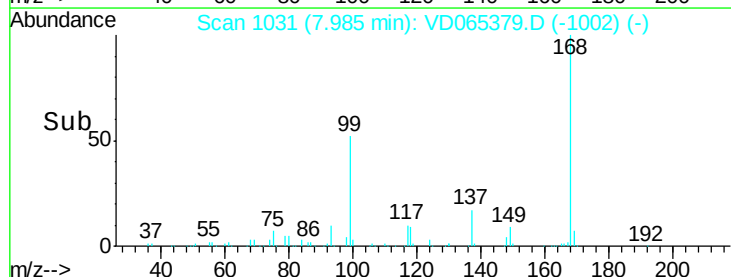
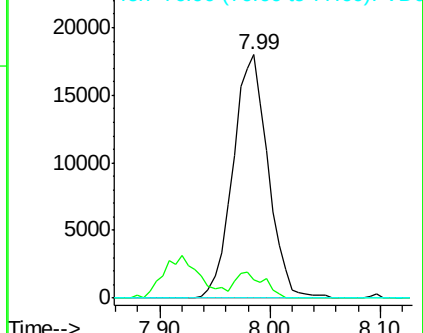
77 0.0 25.1 37.7#

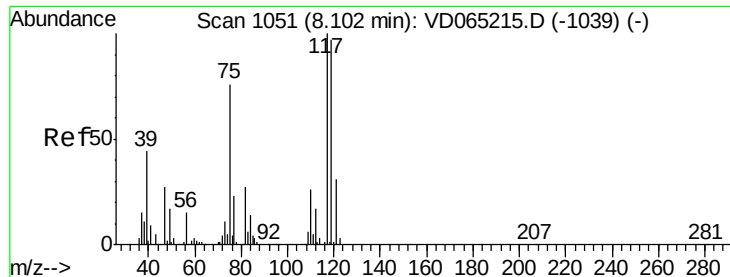


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

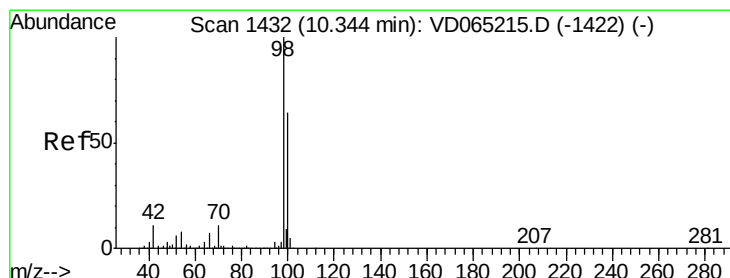
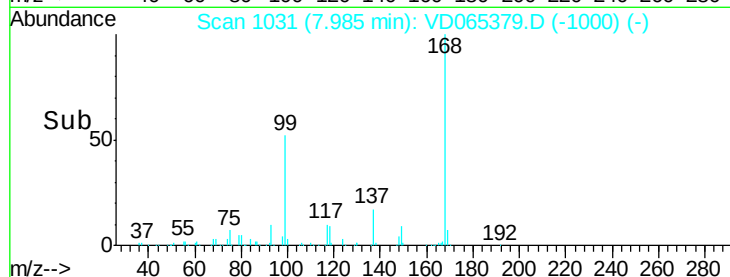
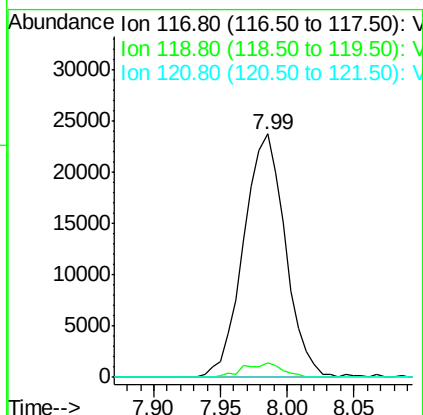
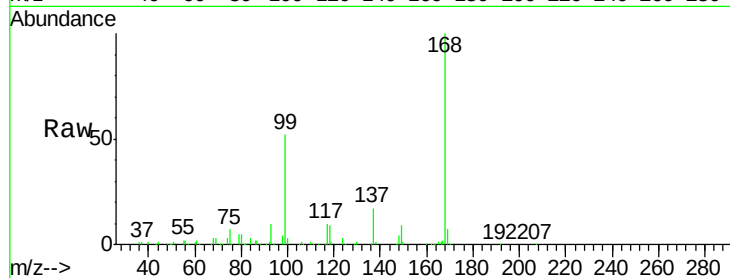




#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065379.D
Acq: 02 Mar 2020 15:08

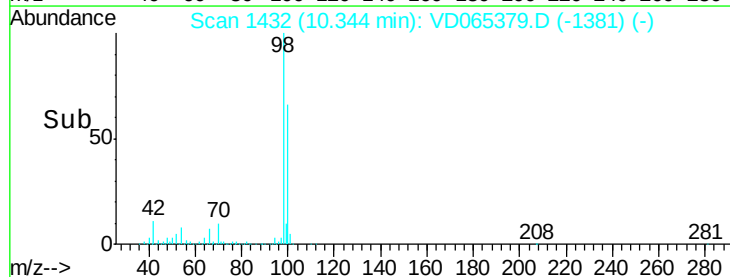
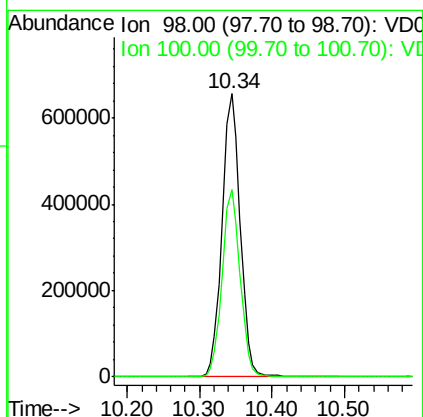
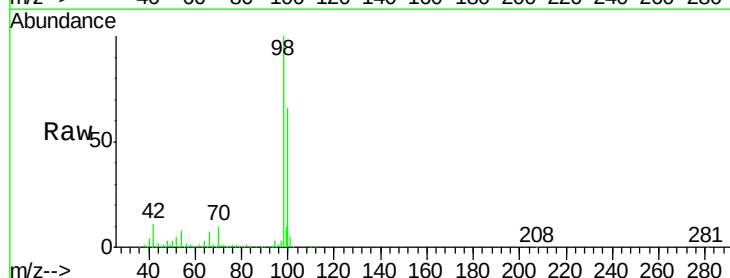
Instrument :
MSVOA_D
ClientSampleId :
TP-4

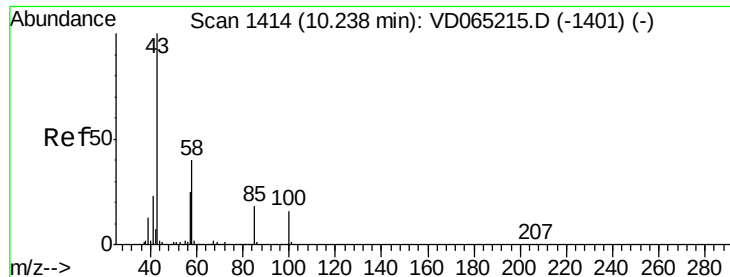
Tgt Ion:117 Resp: 51354
Ion Ratio Lower Upper
117 100
119 6.2 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065379.D
Acq: 02 Mar 2020 15:08

Tgt Ion: 98 Resp: 1148996
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.19 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065379.D

Acq: 02 Mar 2020 15:08

Instrument :

MSVOA_D

ClientSampled :

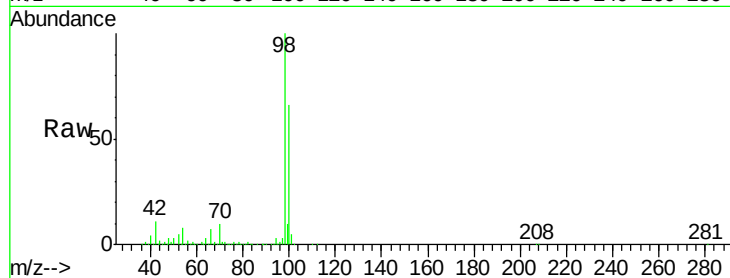
TP-4

Tgt Ion: 43 Resp: 4264

Ion Ratio Lower Upper

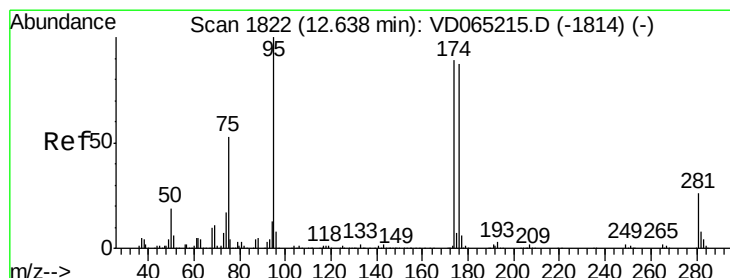
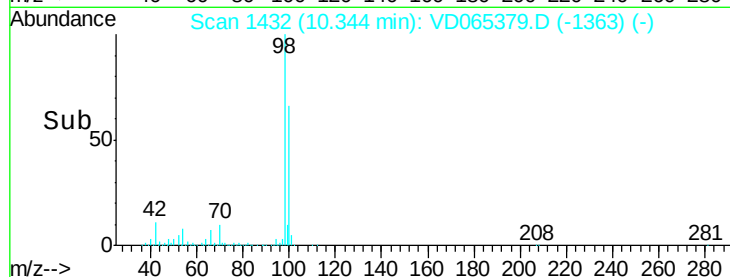
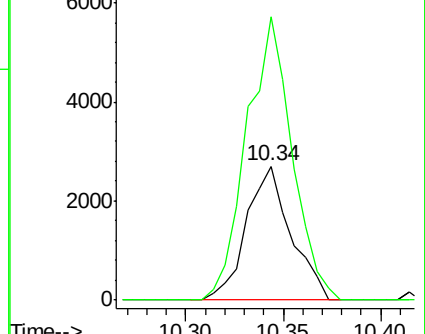
43 100

58 215.7 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: 49.67 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065379.D

Acq: 02 Mar 2020 15:08

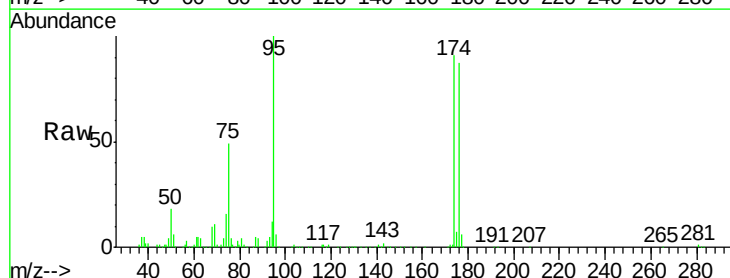
Tgt Ion: 95 Resp: 348507

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.0

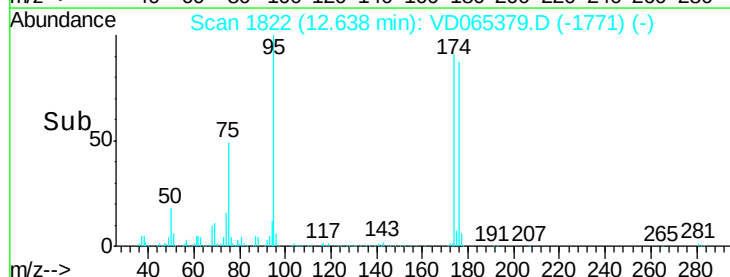
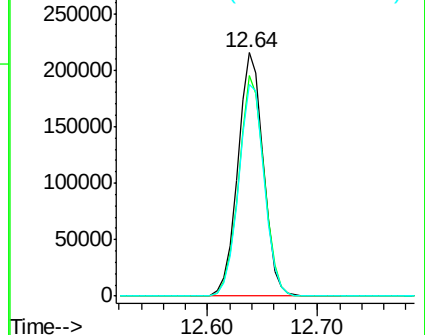
176 87.8 0.0 174.4

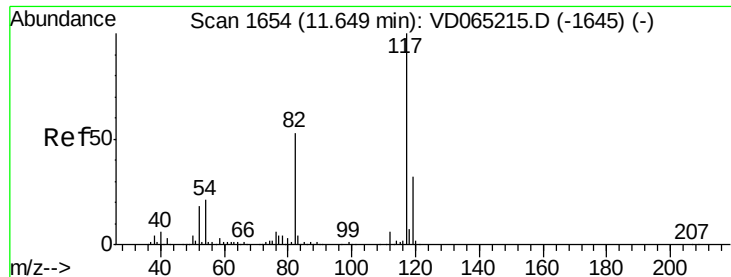


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

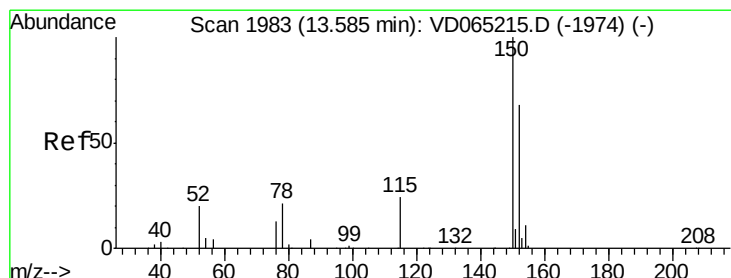
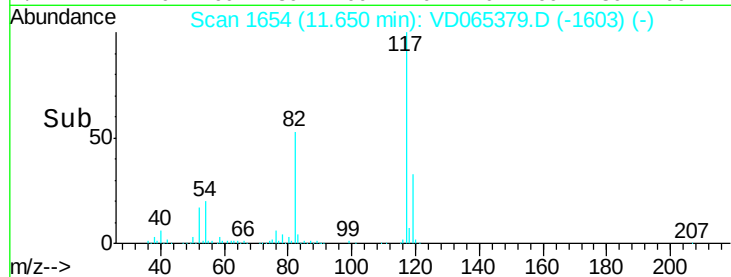
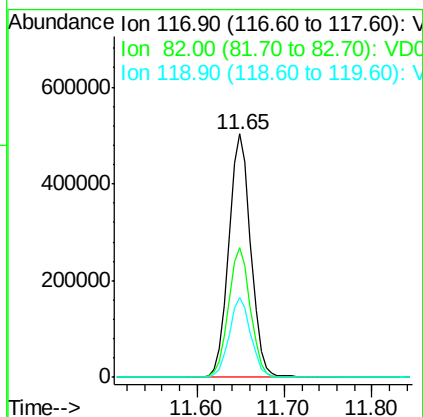
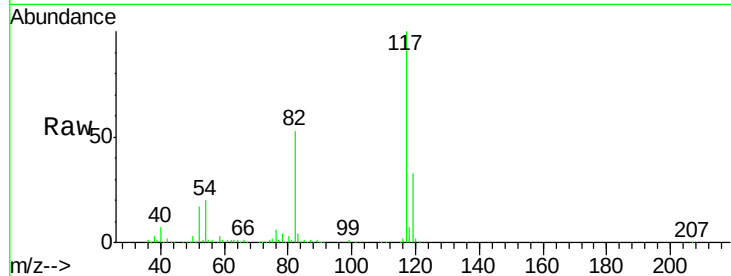




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065379.D
Acq: 02 Mar 2020 15:08

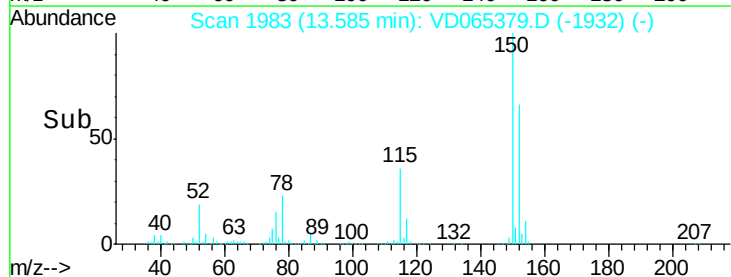
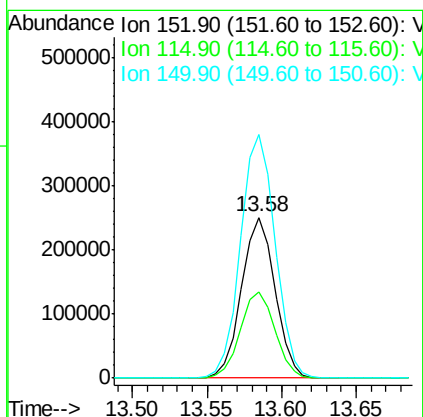
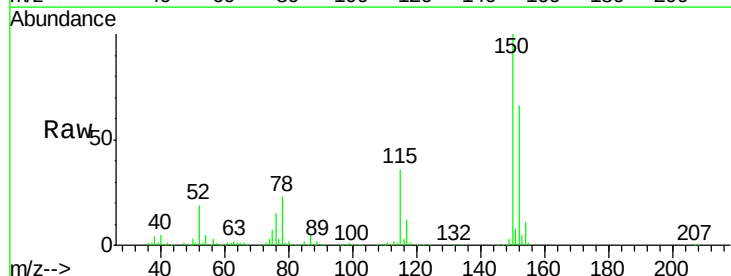
Instrument :
MSVOA_D
ClientSampleId :
TP-4

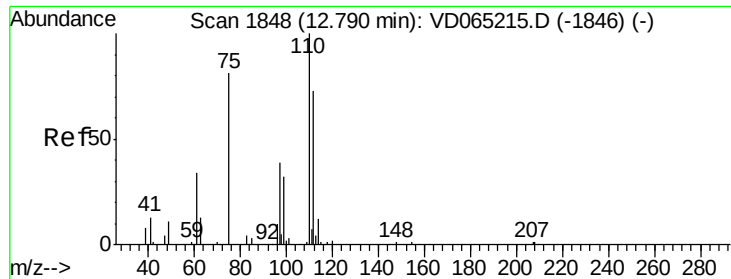
Tgt Ion:117 Resp: 860895
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065379.D
Acq: 02 Mar 2020 15:08

Tgt Ion:152 Resp: 391189
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 156.4 0.0 347.4

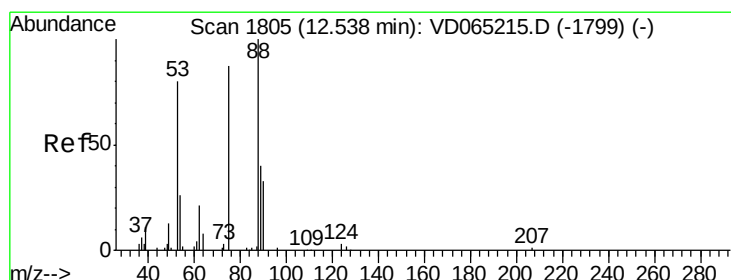
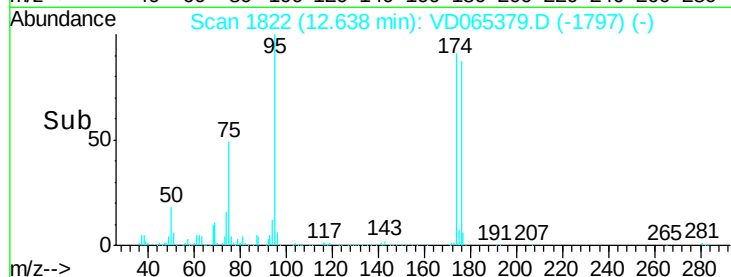
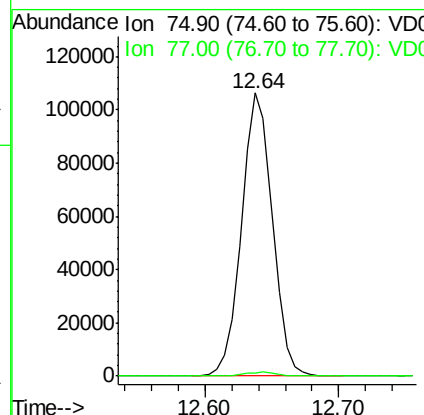
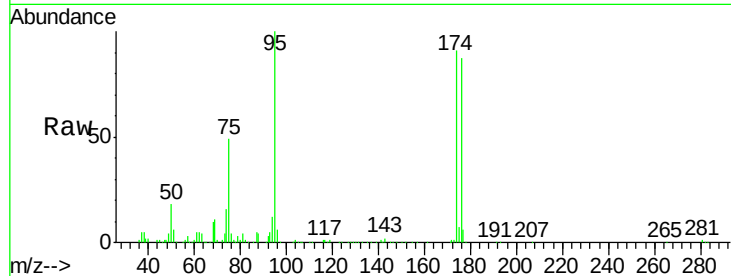




#76
 1,2,3-Trichloropropane
 Concen: 50.76 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065379.D
 Acq: 02 Mar 2020 15:08

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

Tgt Ion: 75 Resp: 168960
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.61 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065379.D
 Acq: 02 Mar 2020 15:08

Tgt Ion: 75 Resp: 168960
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.0 37.2 55.8#

