

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065319.D
 Acq On : 26 Feb 2020 10:54
 Operator : VA/SY
 Sample : VD0226SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 27 08:00:11 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

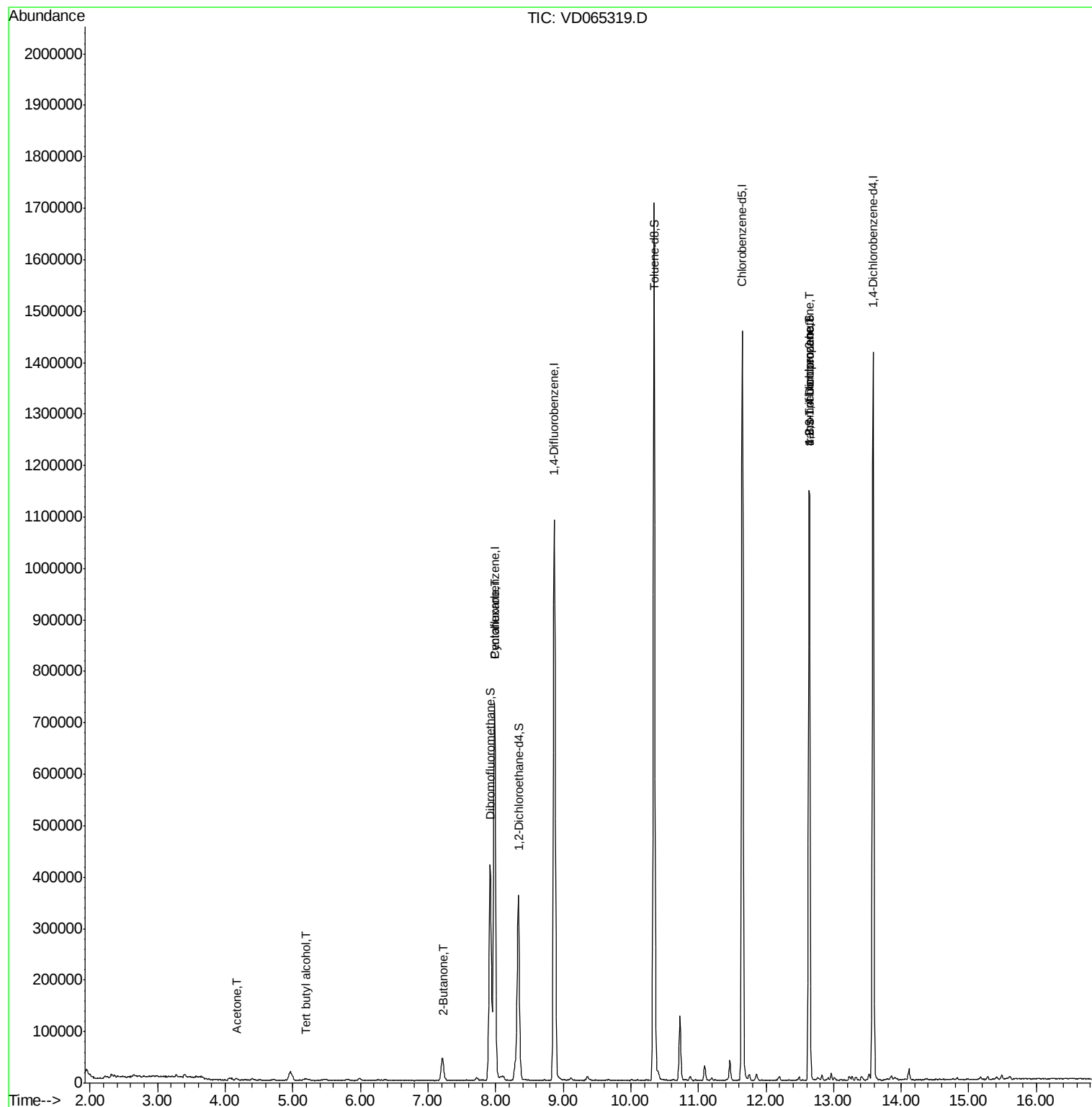
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	563215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	963779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	867335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	392126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	284618	56.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.34%	
35) Dibromofluoromethane	7.92	113	308406	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.34	98	1156754	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.64	95	349572	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	2815	9.298	ug/l #	72
13) Acrolein	3.92	56	71	Below Cal	#	54
16) Acetone	4.16	43	5923	4.782	ug/l #	82
20) Methylene Chloride	4.96	84	13091	Below Cal		94
25) 2-Butanone	7.23	43	2569	1.639	ug/l #	49
31) Cyclohexane	7.98	56	13075	1.312	ug/l #	8
76) 1,2,3-Trichloropropane	12.64	75	169610	50.837	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	169610	109.767	ug/l #	11

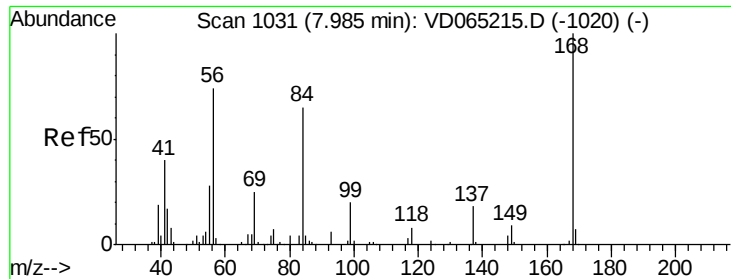
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022620\
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Operator : VA/SY
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Quant Time: Feb 27 08:00:11 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

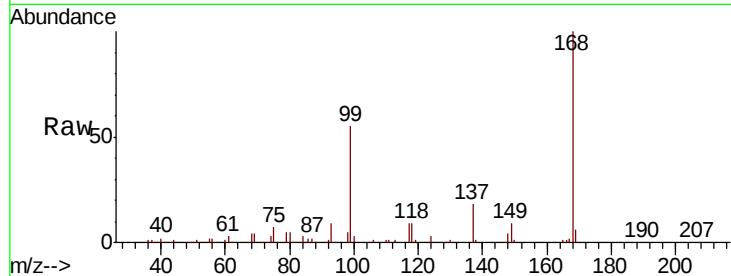
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 563215

Ion Ratio Lower Upper

168 100

99 54.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

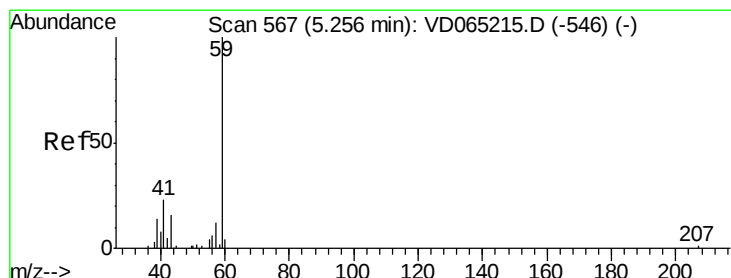
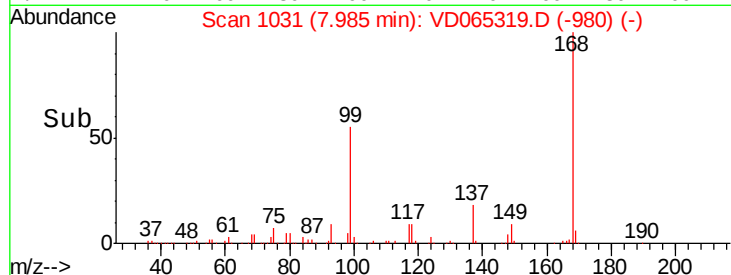
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 9.298 ug/l

RT: 5.19 min Scan# 556

Delta R.T. -0.06 min

Lab File: VD065319.D

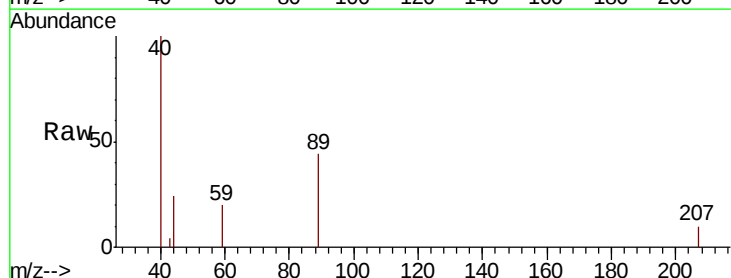
Acq: 26 Feb 2020 10:54

Tgt Ion: 59 Resp: 2815

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.19

1000

800

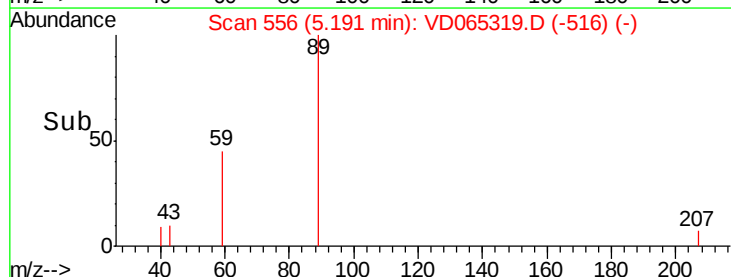
600

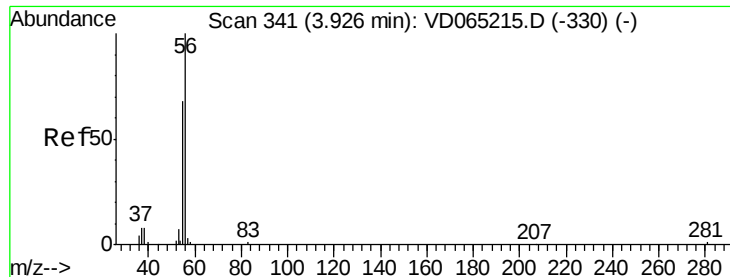
400

200

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

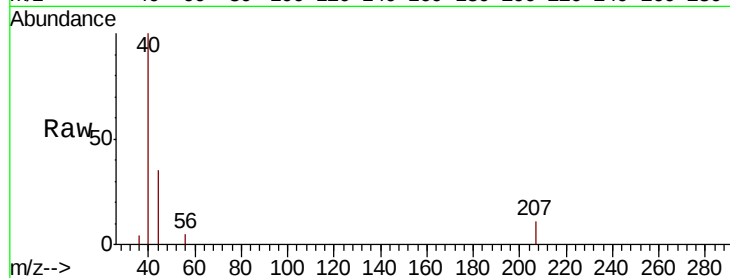
ClientSampleId :

Tot Ion: 56 Resp: 71

Ion Ratio Lower Upper

56 100

55 108.5 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

250

200

150

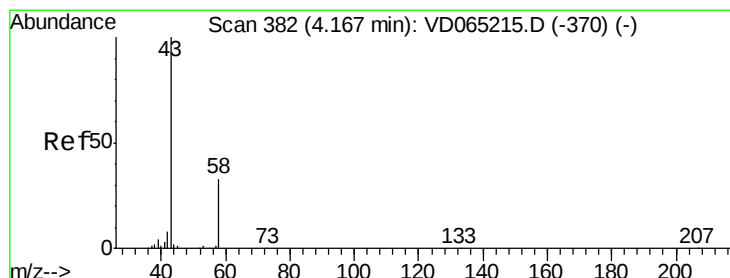
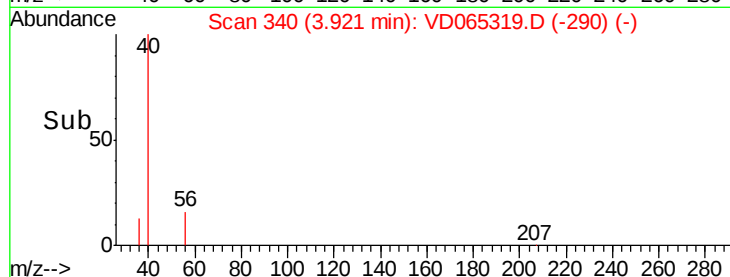
100

50

0

3.90 3.91 3.92 3.93 3.94

Time-->



#16

Acetone

Concen: 4.782 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065319.D

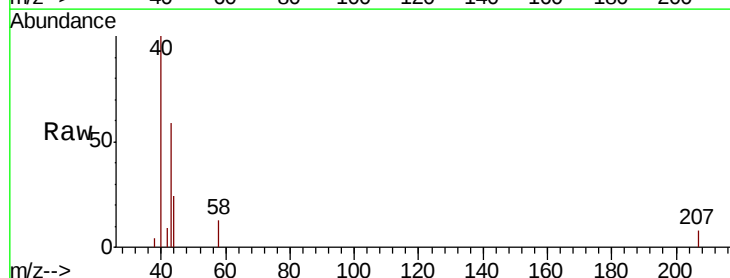
Acq: 26 Feb 2020 10:54

Tgt Ion: 43 Resp: 5923

Ion Ratio Lower Upper

43 100

58 22.3 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2500

2000

1500

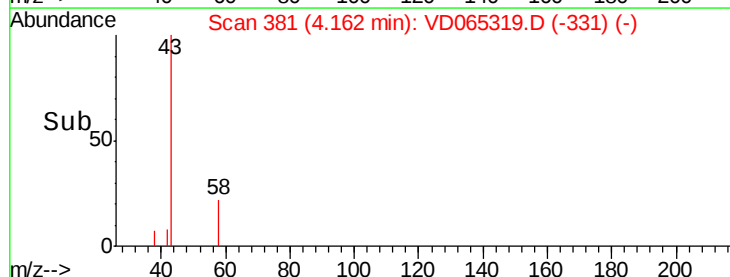
1000

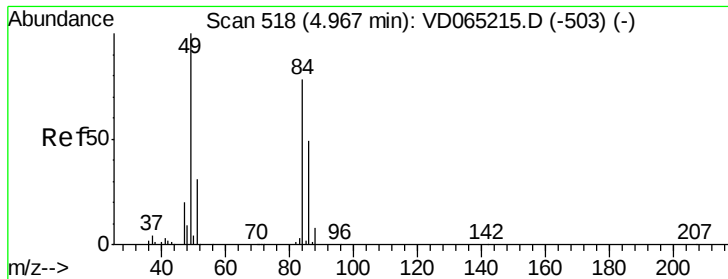
500

0

4.10 4.16 4.20

Time-->

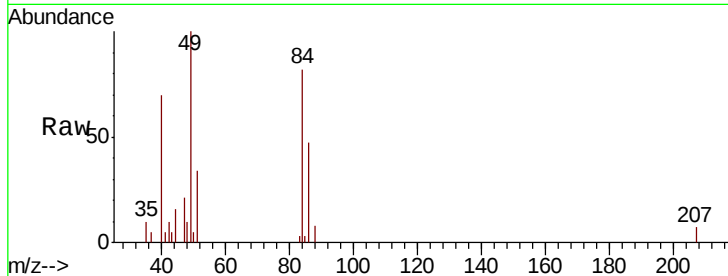




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	84	Resp	13091
Ion Ratio	Lower	Upper	
84	100		
49	122.1	103.1	154.7
51	40.9	31.7	47.5
86	58.0	50.9	76.3



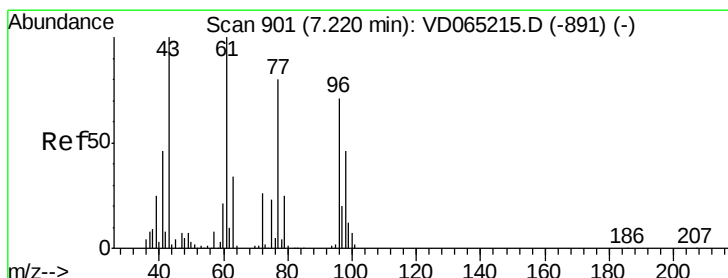
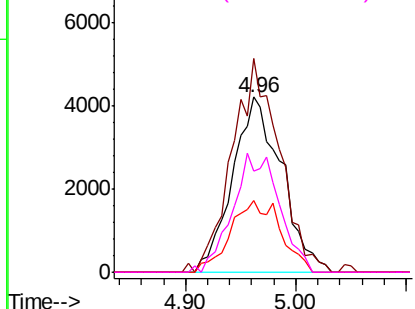
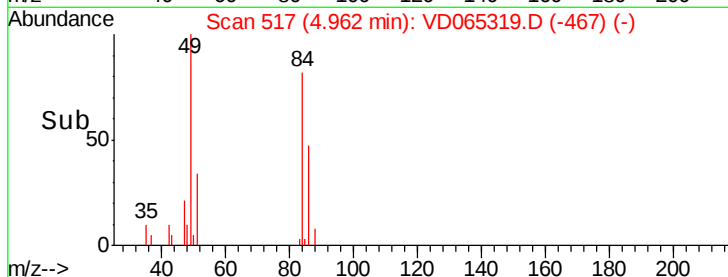
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

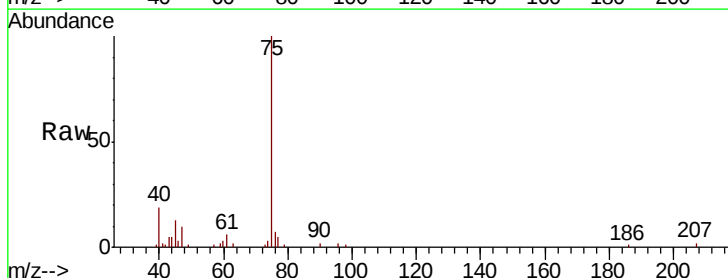
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25
2-Butanone
Concen: 1.639 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

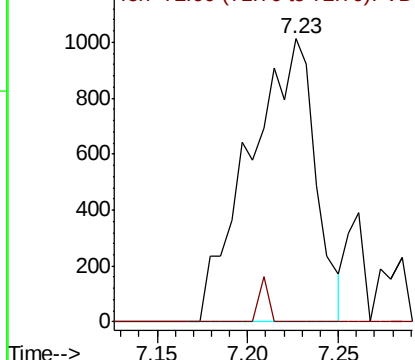
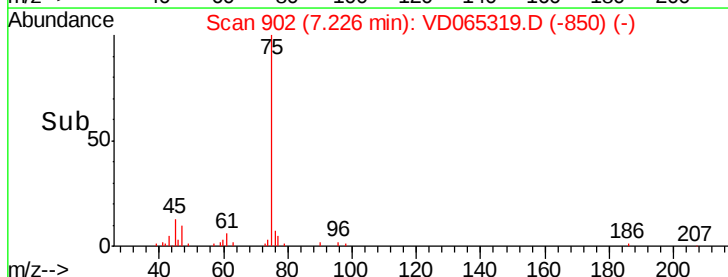
Tgt Ion	43	Resp	2569
Ion Ratio	Lower	Upper	
43	100		
72	0.0	20.9	31.3#

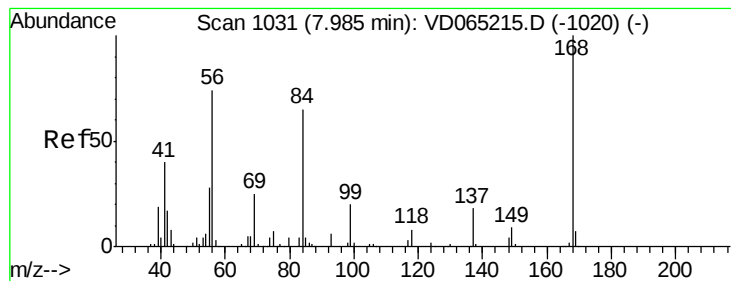


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.312 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

ClientSampled :

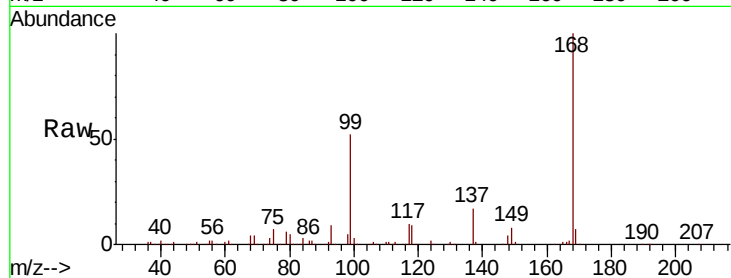
Tot Ion: 56 Resp: 13075

Ion Ratio Lower Upper

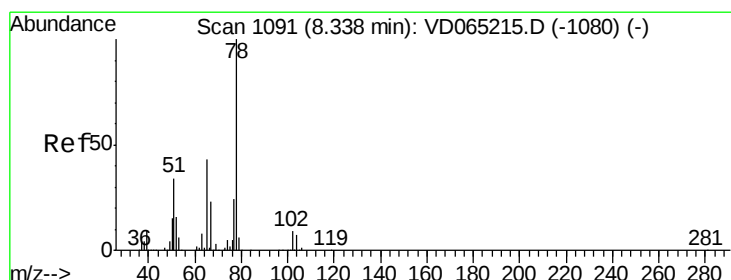
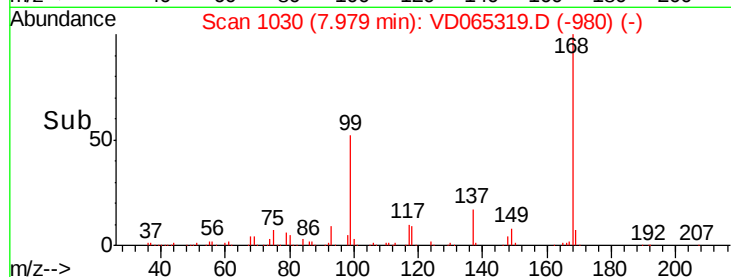
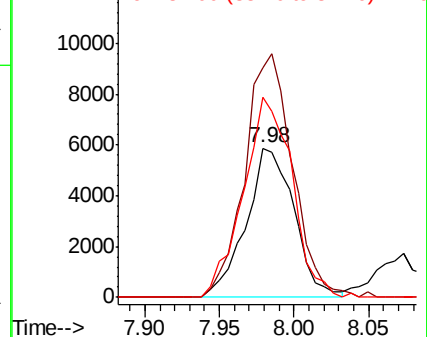
56 100

69 153.3 27.4 41.0#

84 134.1 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: 56.174 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065319.D

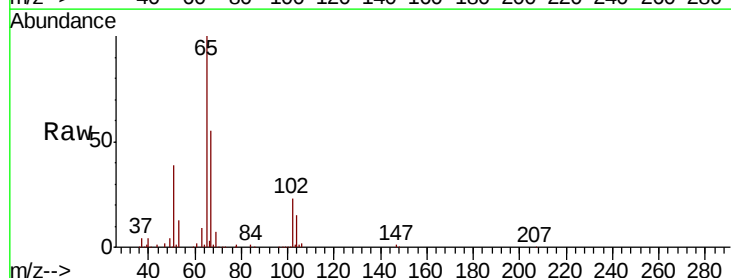
Acq: 26 Feb 2020 10:54

Tgt Ion: 65 Resp: 284618

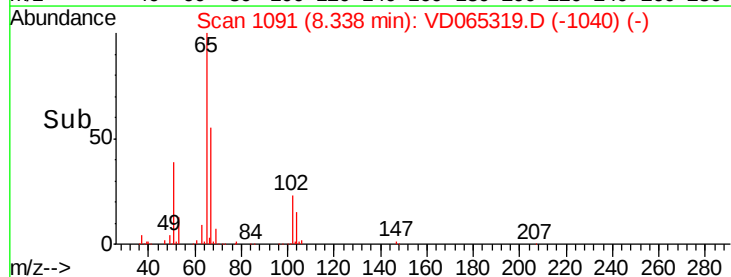
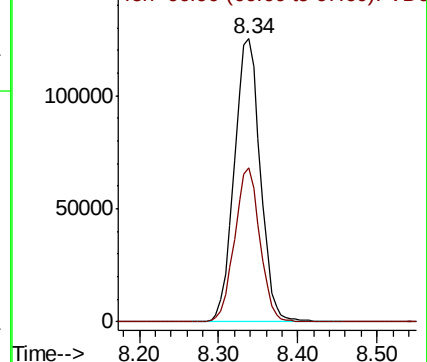
Ion Ratio Lower Upper

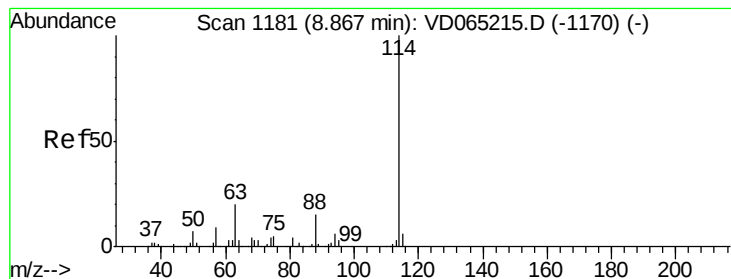
65 100

67 53.0 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: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

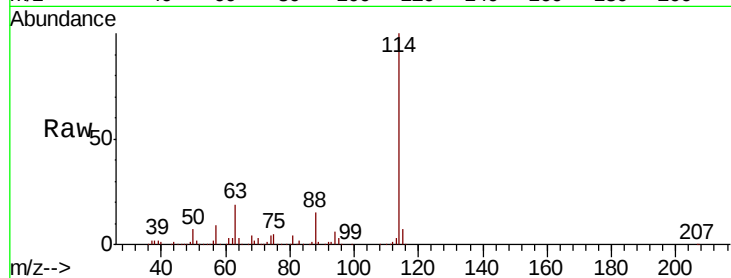
Tot Ion:114 Resp: 963779

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

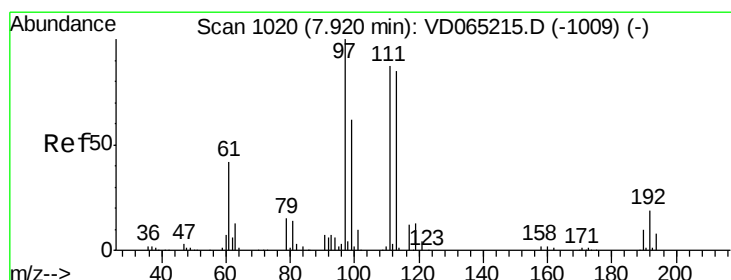
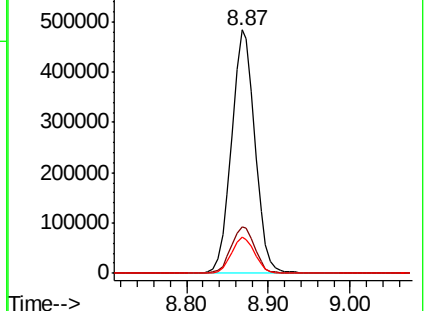
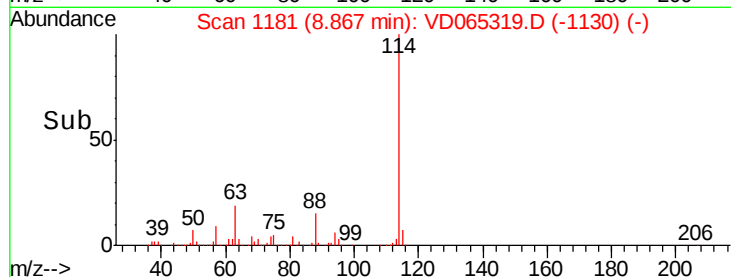
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.481 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

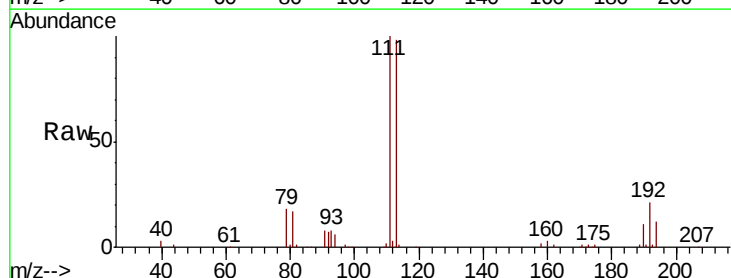
Tgt Ion:113 Resp: 308406

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

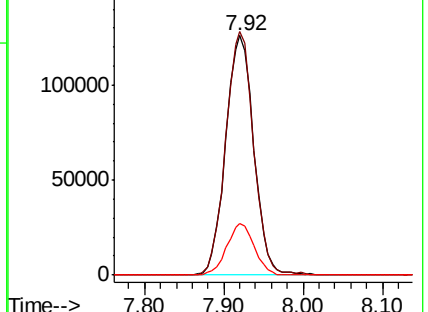
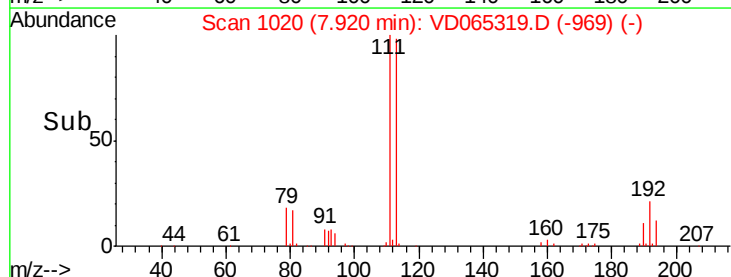
192 21.1 17.3 25.9



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

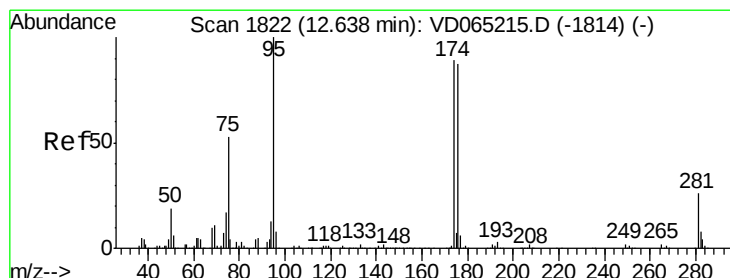
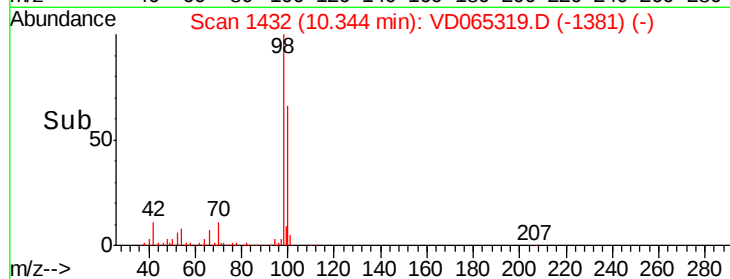
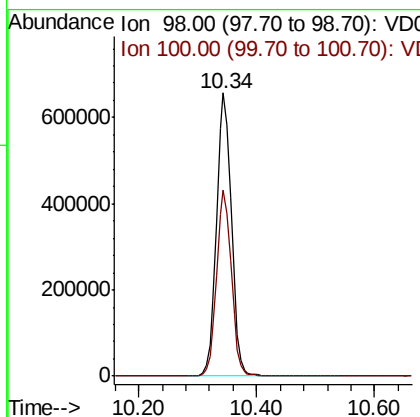
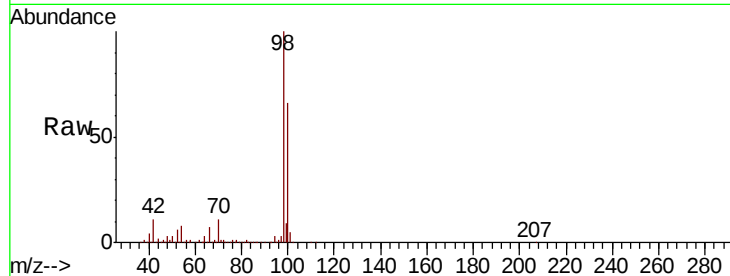




#50
Toluene-d8
Concen: 51.490 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

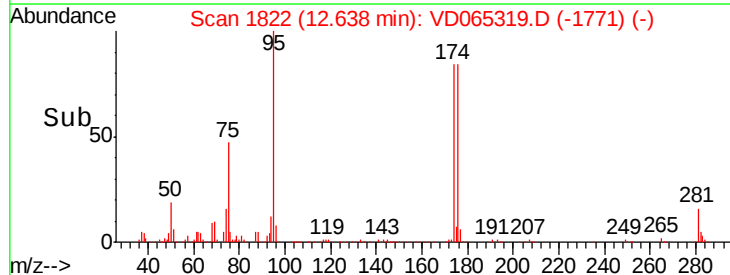
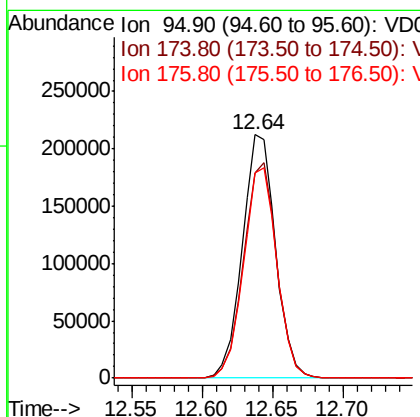
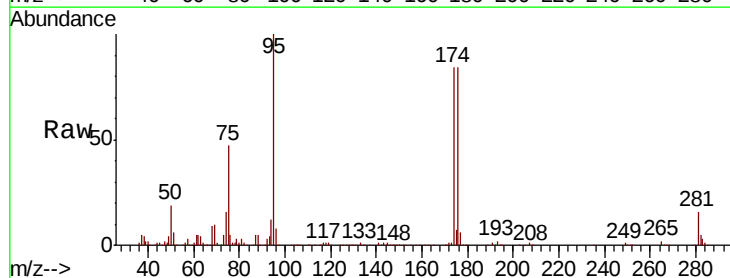
Instrument :
MSVOA_D
ClientSampleId :

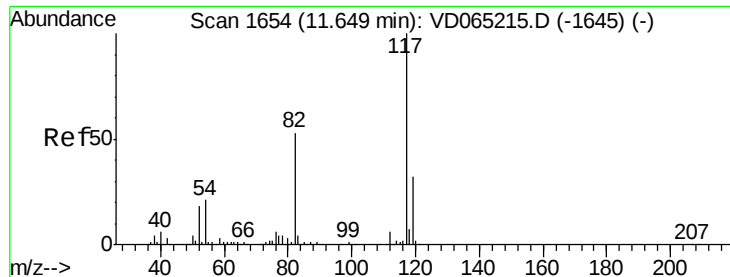
Tot Ion: 98 Resp: 1156754
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.119 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

Tgt Ion: 95 Resp: 349572
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.0
176 86.7 0.0 174.4

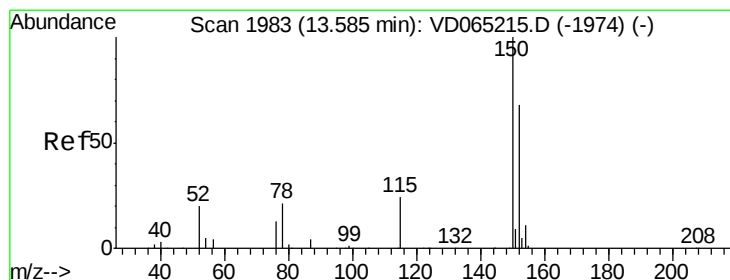
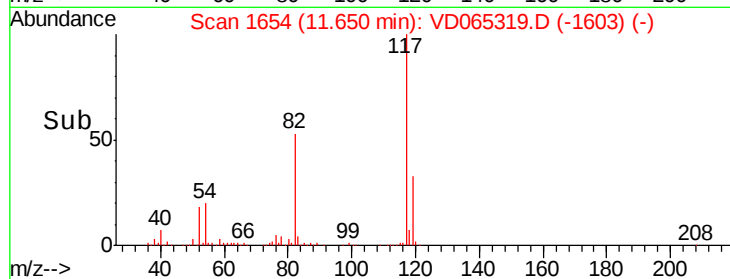
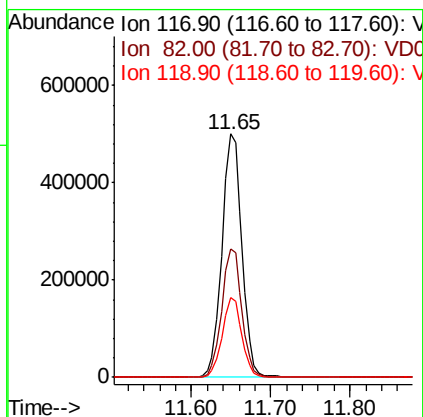
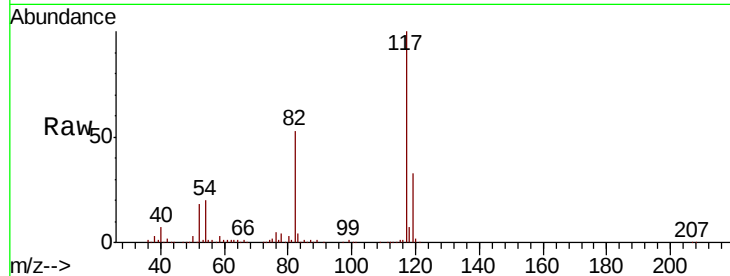




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

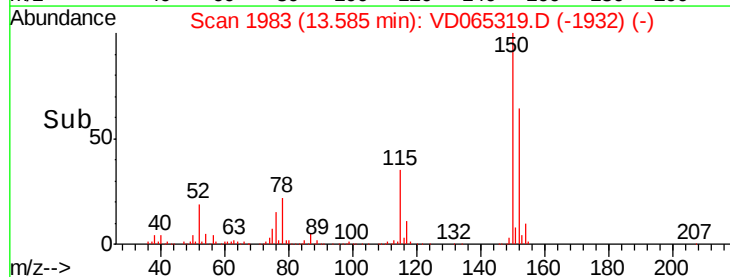
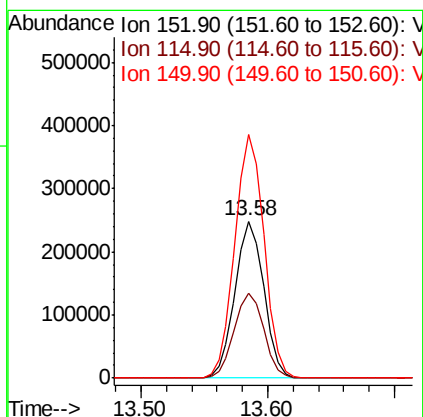
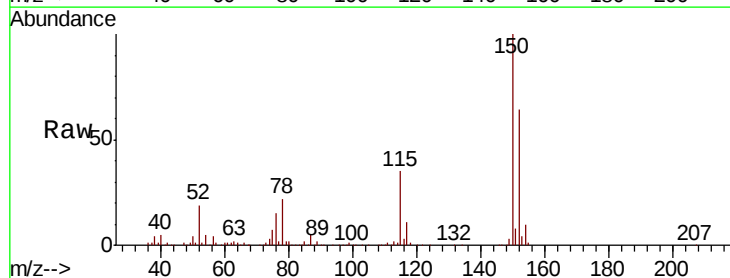
Instrument :
MSVOA_D
ClientSampleId :

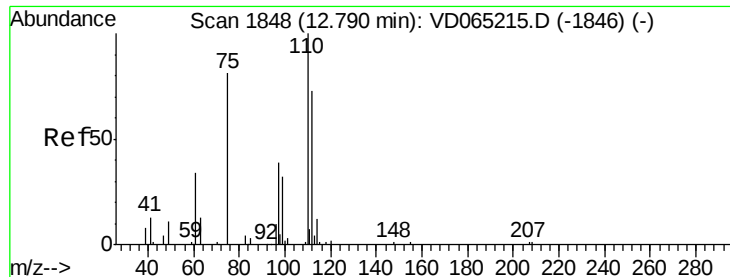
Tot Ion:117 Resp: 867335
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

Tgt Ion:152 Resp: 392126
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 157.1 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 50.837 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

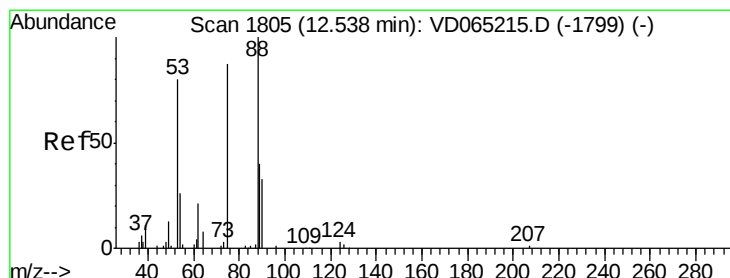
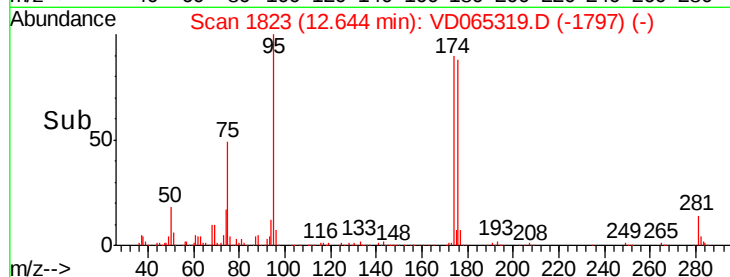
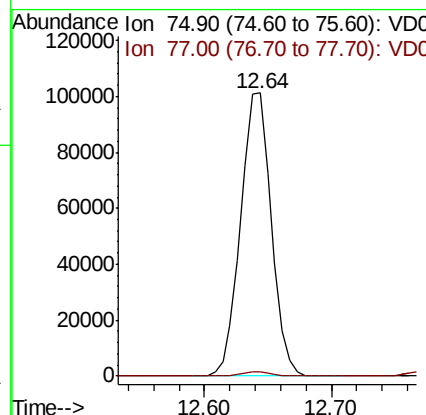
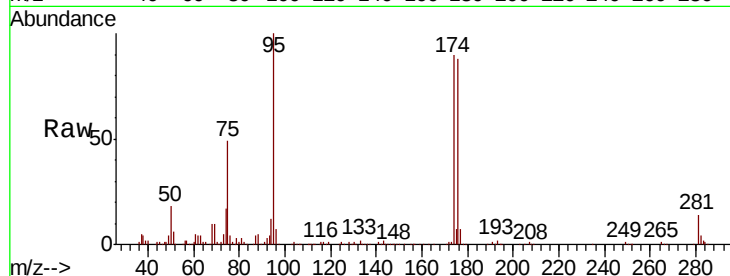
ClientSampled :

Tot Ion: 75 Resp: 169610

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.767 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Tgt Ion: 75 Resp: 169610

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 37.2 55.8#

