

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065219.D
 Acq On : 18 Feb 2020 14:46
 Operator : VA/SY
 Sample : VD0218SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0218SBL01

Quant Time: Feb 19 03:30:34 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

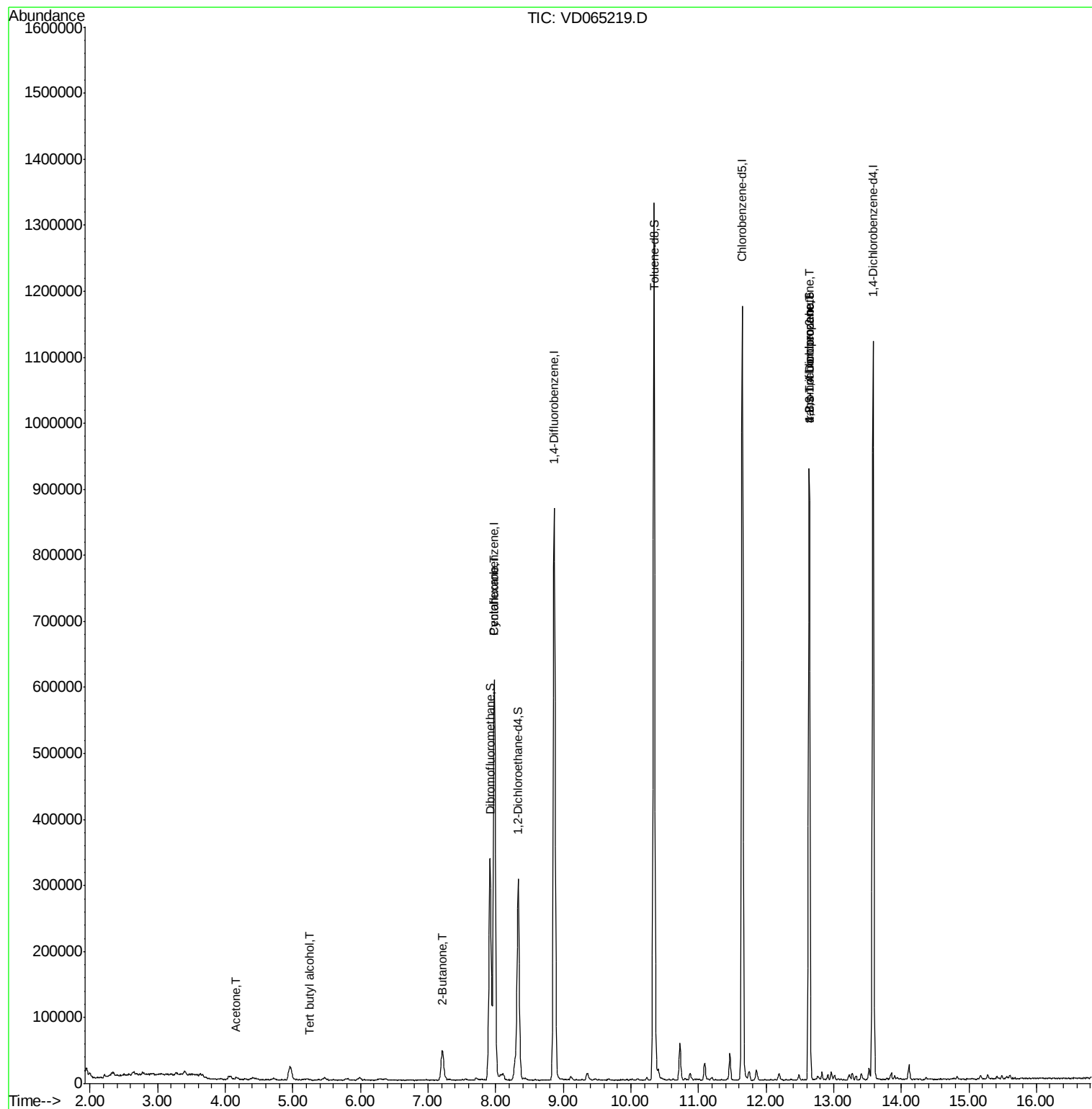
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	468383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	754862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	676291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235949	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	7.91	113	241035	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.34	98	902236	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.64	95	266859	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	704	2.796	ug/l #	72
13) Acrolein	3.91	56	225	Below Cal		98
16) Acetone	4.16	43	7074	6.868	ug/l	92
20) Methylene Chloride	4.96	84	15623	Below Cal	#	84
25) 2-Butanone	7.21	43	3492	2.680	ug/l	98
31) Cyclohexane	7.98	56	12455	1.503	ug/l #	25
76) 1,2,3-Trichloropropane	12.64	75	135217	51.934	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	135217	112.135	ug/l #	11

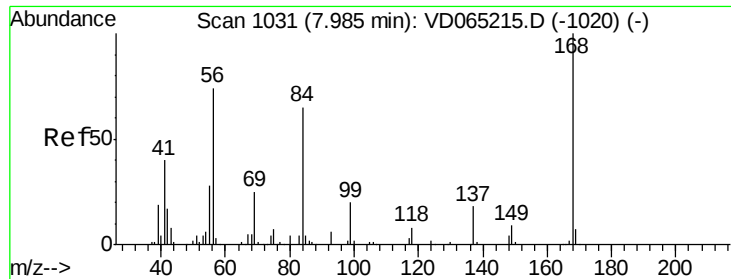
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
Data File : VD065219.D
Acq On : 18 Feb 2020 14:46
Operator : VA/SY
Sample : VD0218SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0218SBL01

Quant Time: Feb 19 03:30:34 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# 1030

Delta R.T. -0.01 min

Lab File: VD065219.D

Acq: 18 Feb 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

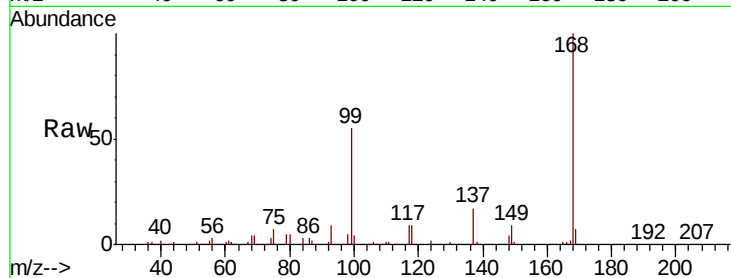
VD0218SBL01

Tot Ion:168 Resp: 468383

Ion Ratio Lower Upper

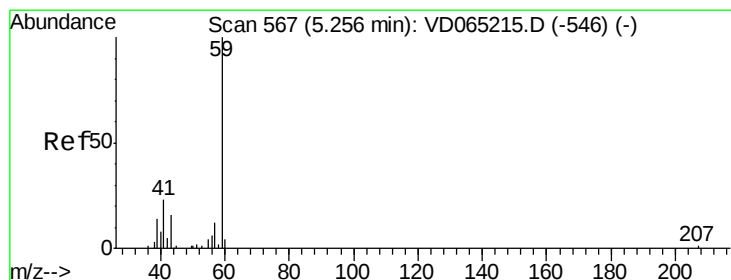
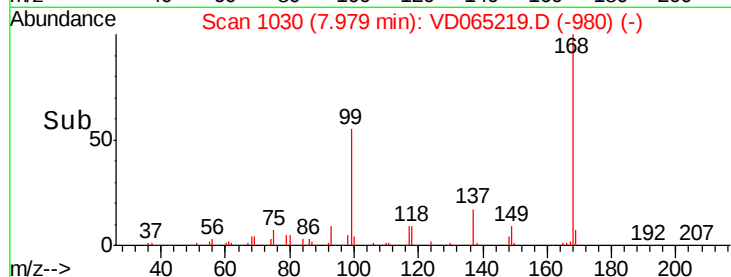
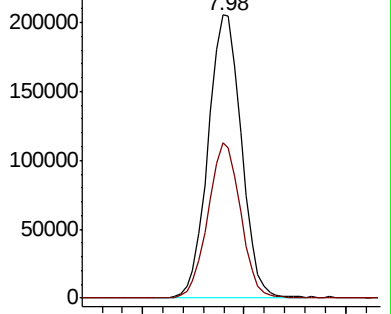
168 100

99 54.7 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 2.796 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.01 min

Lab File: VD065219.D

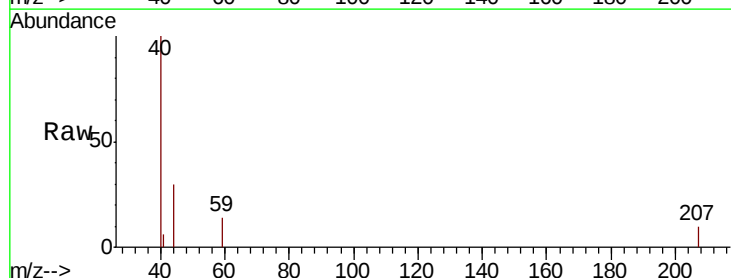
Acq: 18 Feb 2020 14:46

Tgt Ion: 59 Resp: 704

Ion Ratio Lower Upper

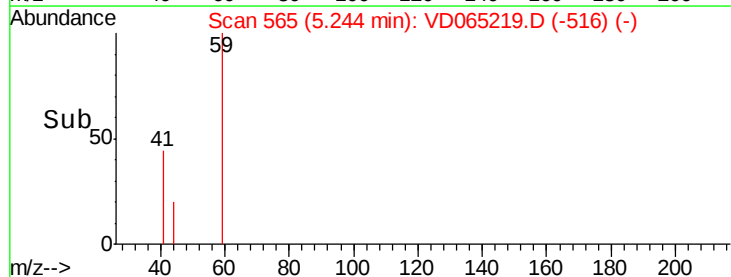
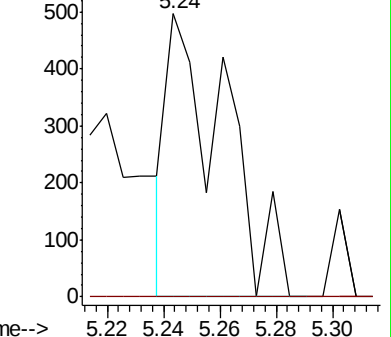
59 100

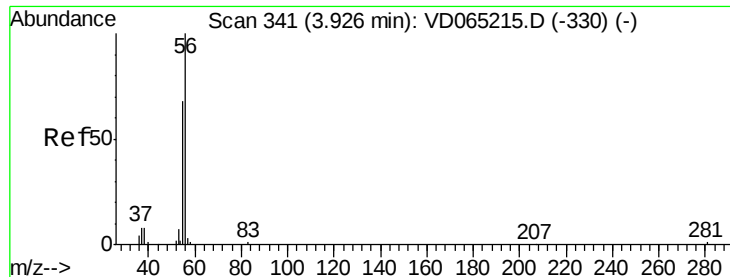
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#13

Acrolein

Concen: Below Cal

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065219.D

Acq: 18 Feb 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

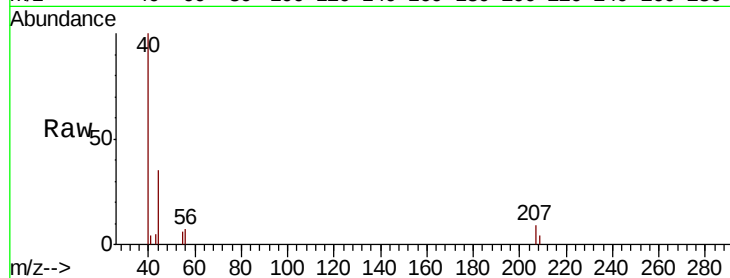
VD0218SBL01

Tot Ion: 56 Resp: 225

Ion Ratio Lower Upper

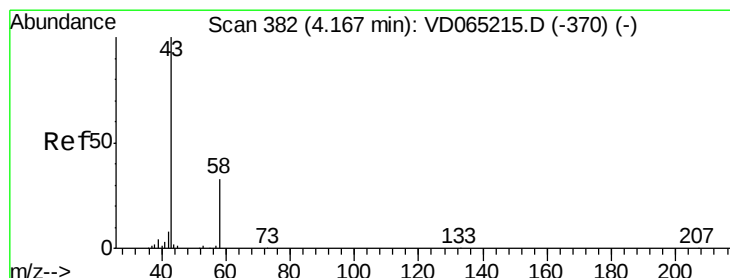
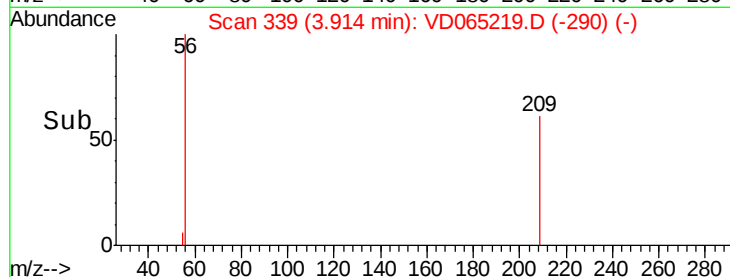
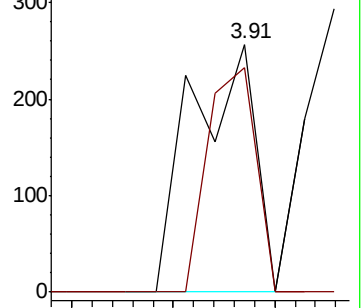
56 100

55 68.9 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 6.868 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065219.D

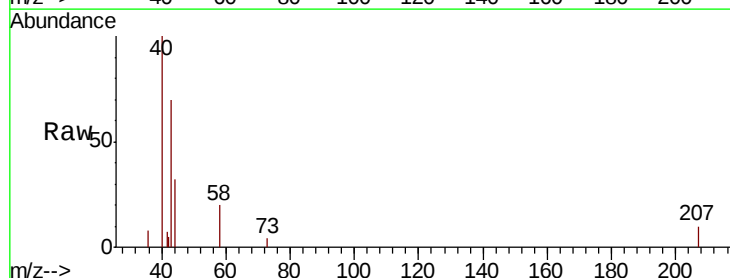
Acq: 18 Feb 2020 14:46

Tgt Ion: 43 Resp: 7074

Ion Ratio Lower Upper

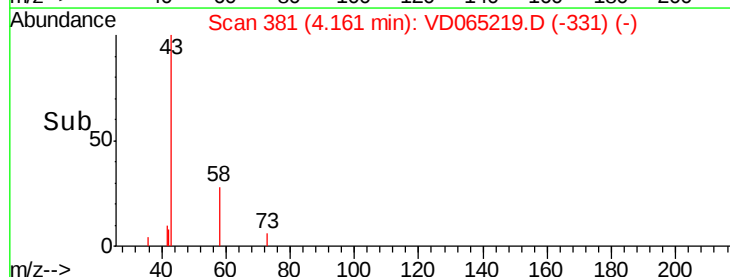
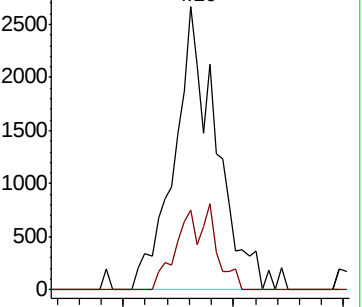
43 100

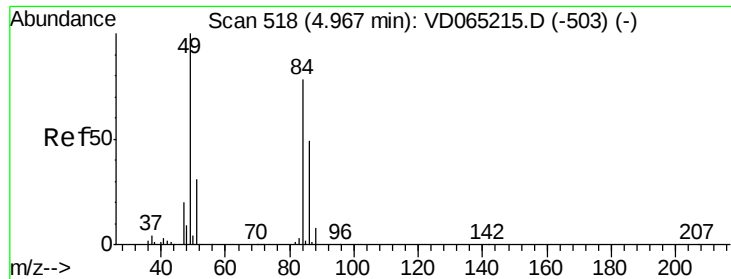
58 28.1 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

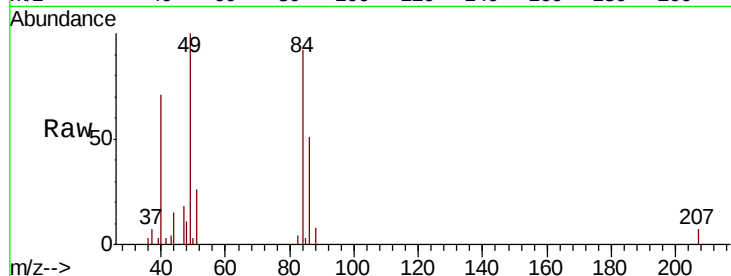




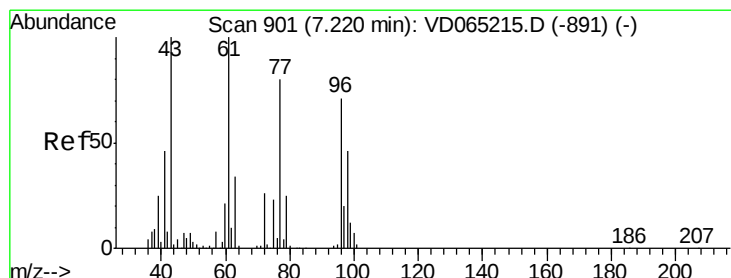
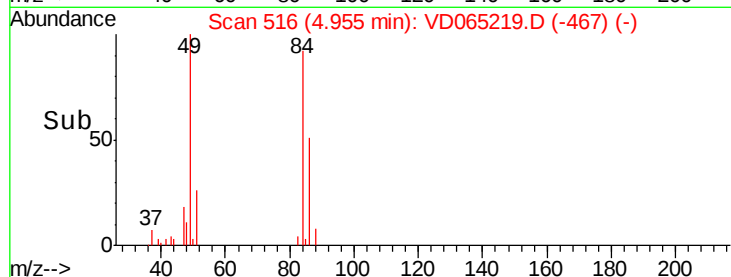
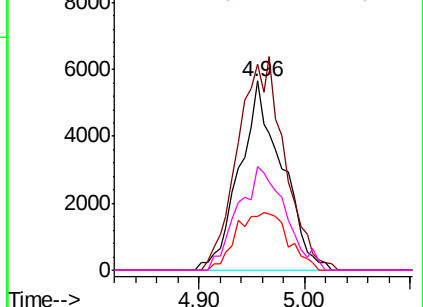
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065219.D
Acq: 18 Feb 2020 14:46

Instrument :
MSVOA_D
ClientSampleId :
VD0218SBL01

Tot Ion: 84 Resp: 15623
Ion Ratio Lower Upper
84 100
49 108.5 103.1 154.7
51 28.4 31.7 47.5#
86 54.9 50.9 76.3

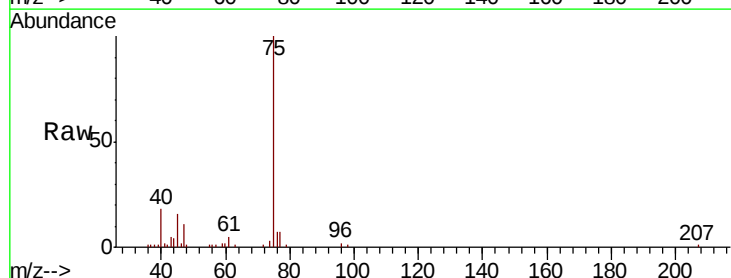


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

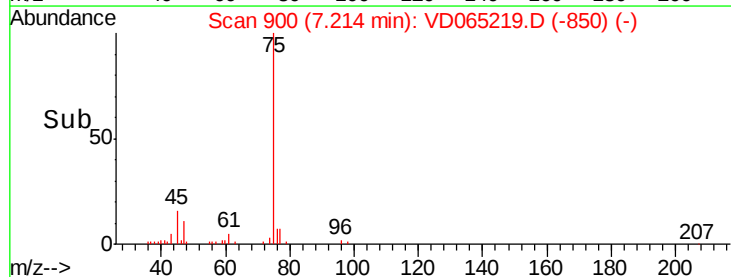
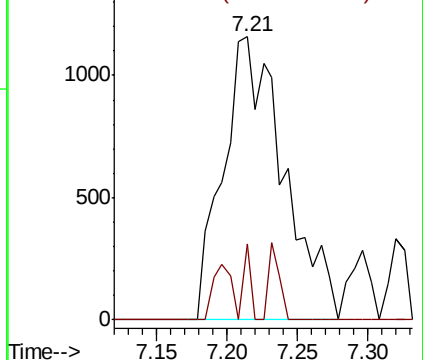


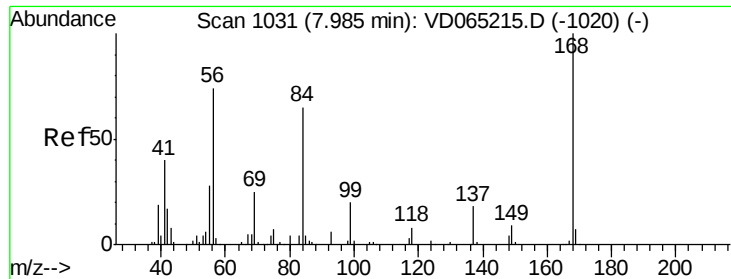
#25
2-Butanone
Concen: 2.680 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD065219.D
Acq: 18 Feb 2020 14:46

Tgt Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
72 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

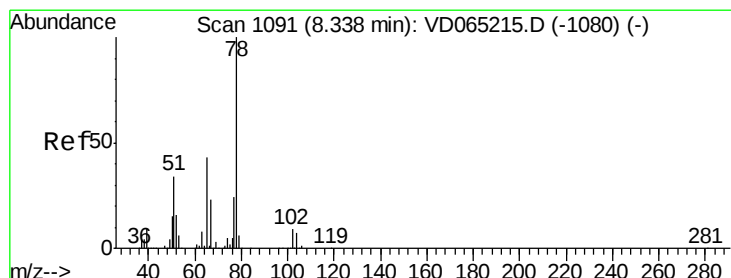
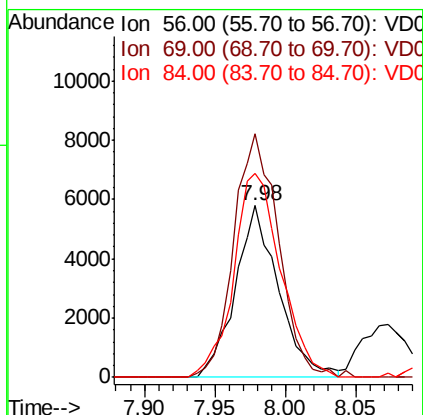
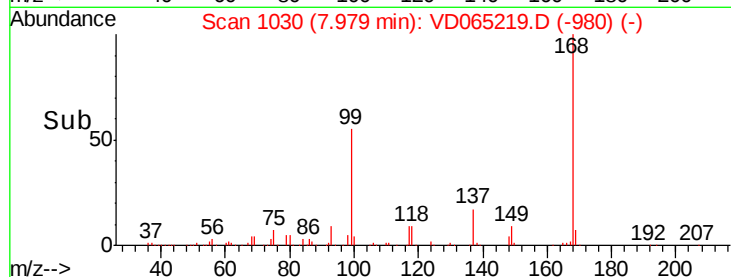
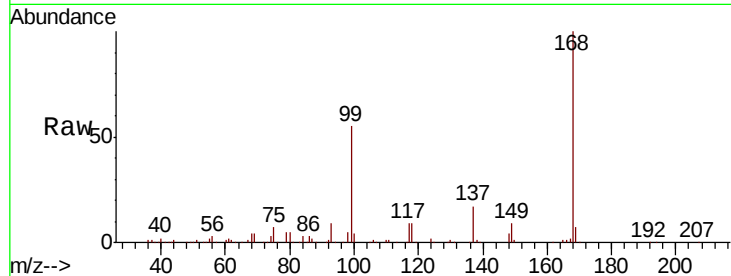




#31
Cyclohexane
Concen: 1.503 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065219.D
Acq: 18 Feb 2020 14:46

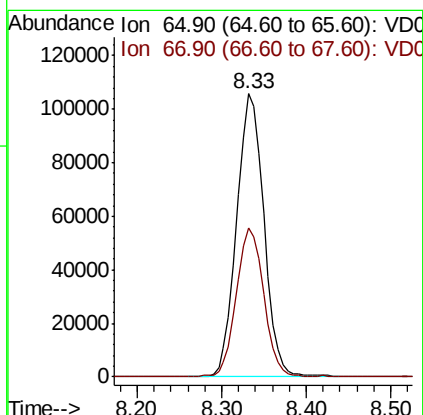
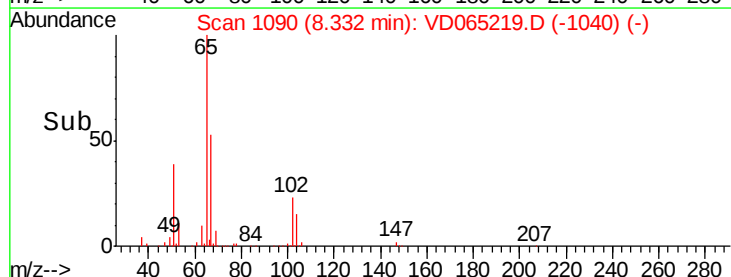
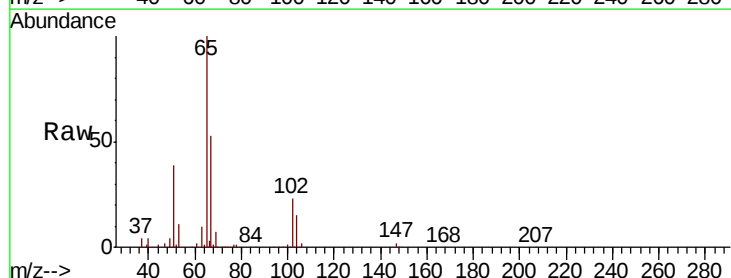
Instrument :
MSVOA_D
ClientSampleId :
VD0218SBL01

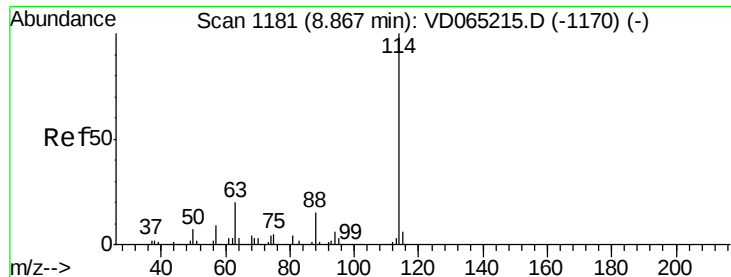
Tot Ion: 56 Resp: 12455
Ion Ratio Lower Upper
56 100
69 141.6 27.4 41.0#
84 118.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 55.997 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065219.D
Acq: 18 Feb 2020 14:46

Tgt Ion: 65 Resp: 235949
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

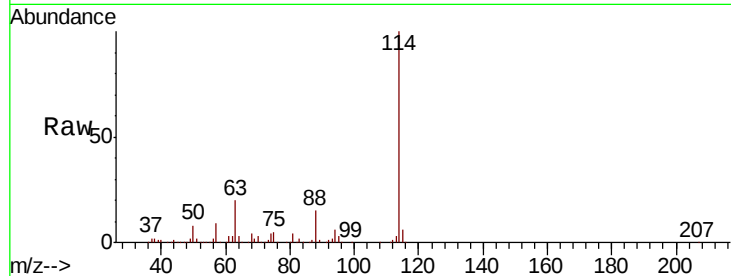




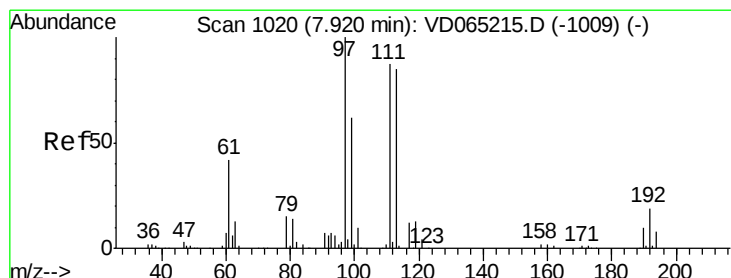
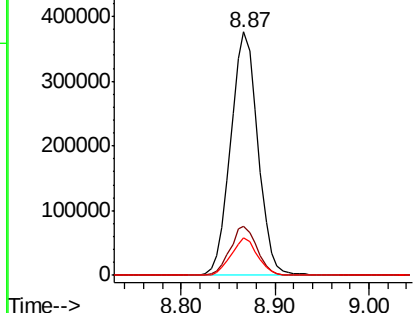
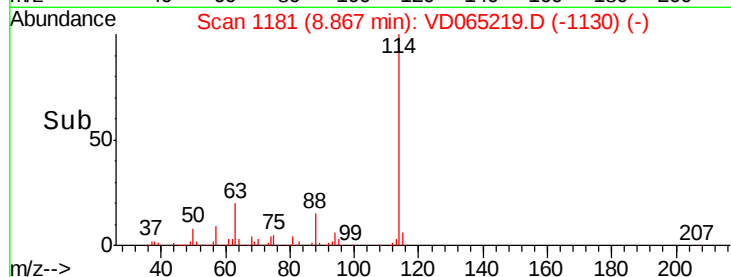
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065219.D
 Acq: 18 Feb 2020 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0218SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.4
88	15.2	0.0	30.4

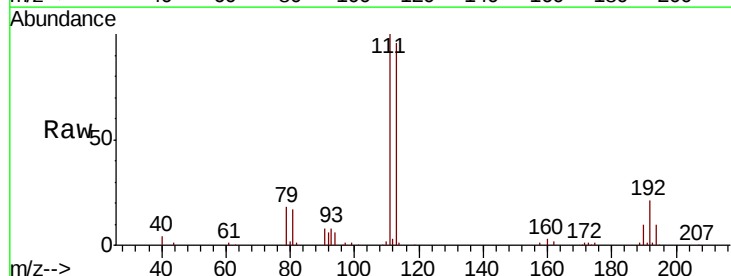


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

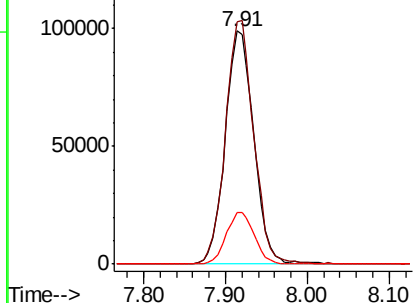
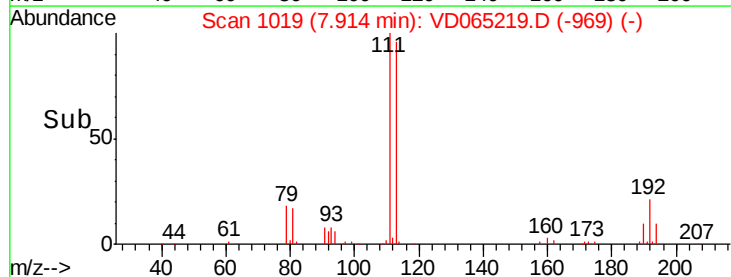


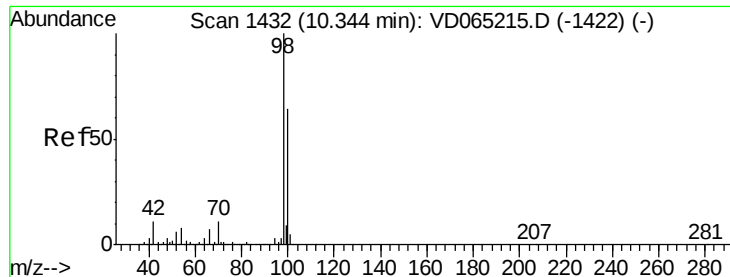
#35
 Dibromofluoromethane
 Concen: 52.368 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065219.D
 Acq: 18 Feb 2020 14:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	21.9	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: 51.276 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065219.D

Acq: 18 Feb 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

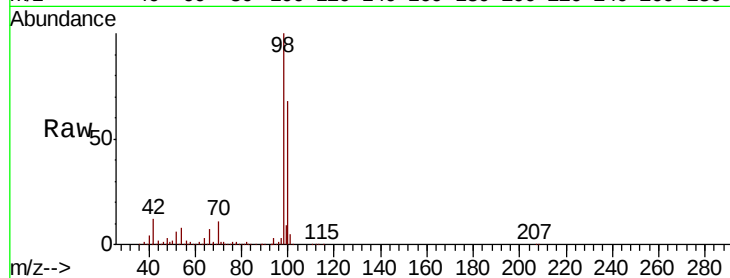
VD0218SBL01

Tot Ion: 98 Resp: 902236

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VD065219.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD065219.D (-1422) (-)

10.34

500000

400000

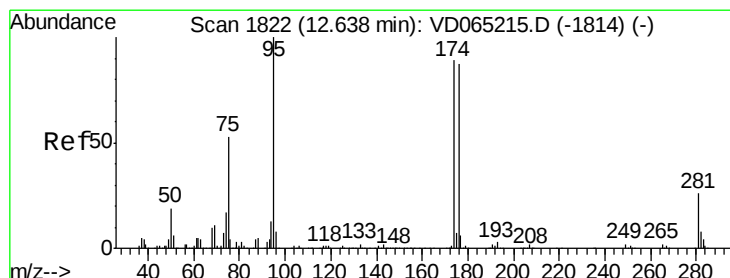
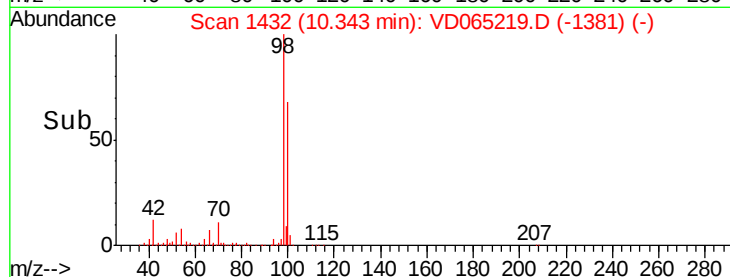
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.874 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065219.D

Acq: 18 Feb 2020 14:46

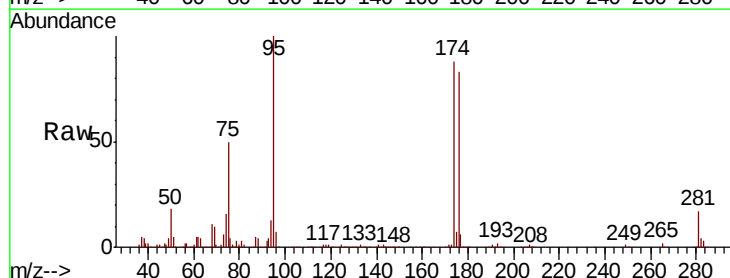
Tgt Ion: 95 Resp: 266859

Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.0

176 87.4 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VD065219.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065219.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065219.D (-1771) (-)

12.64

200000

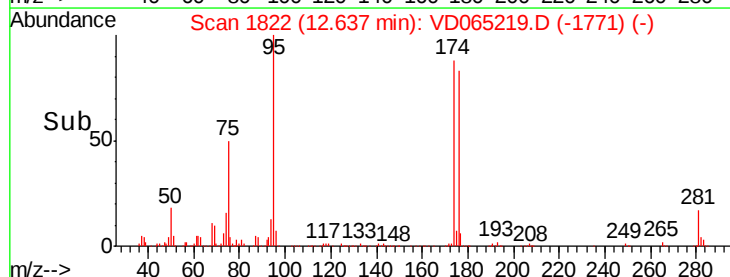
150000

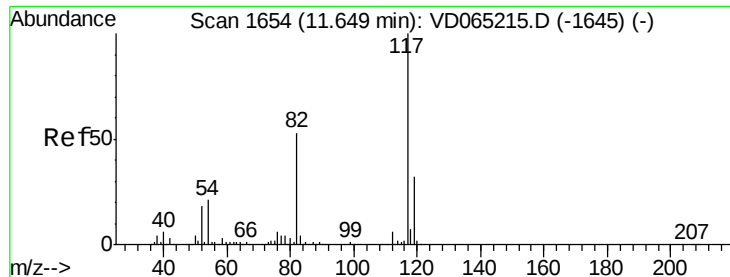
100000

50000

0

Time-->

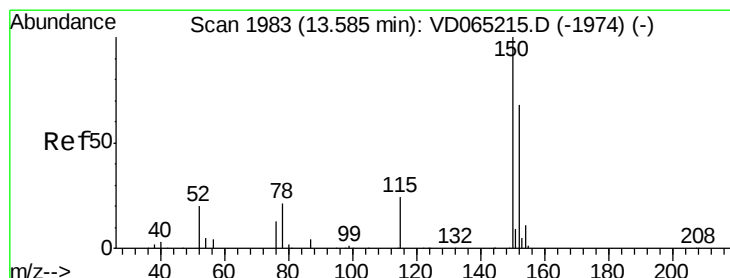
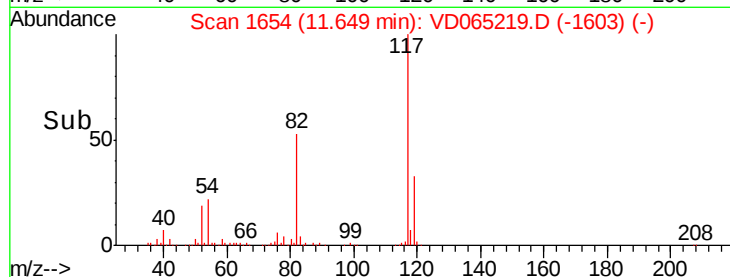
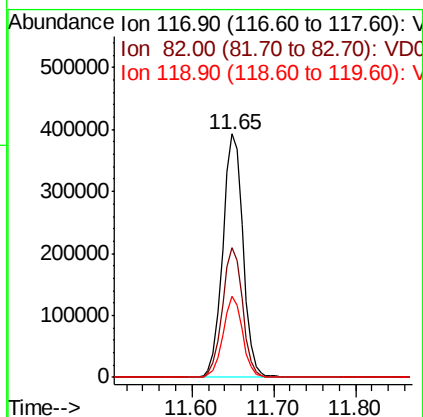
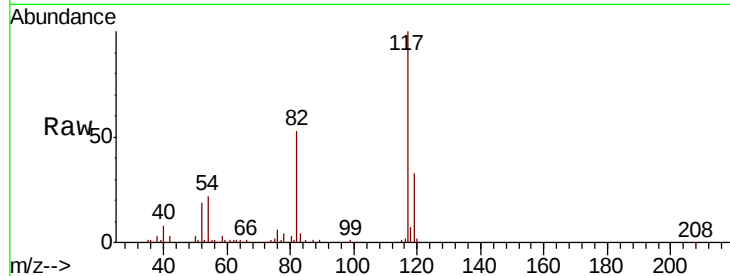




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065219.D
Acq: 18 Feb 2020 14:46

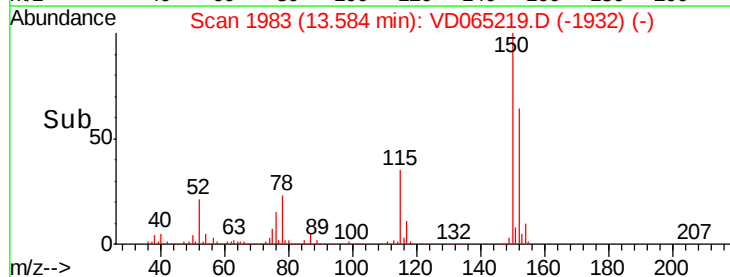
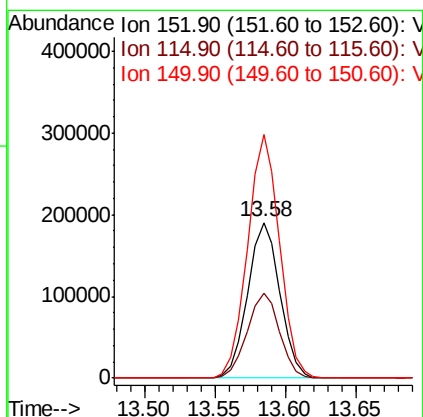
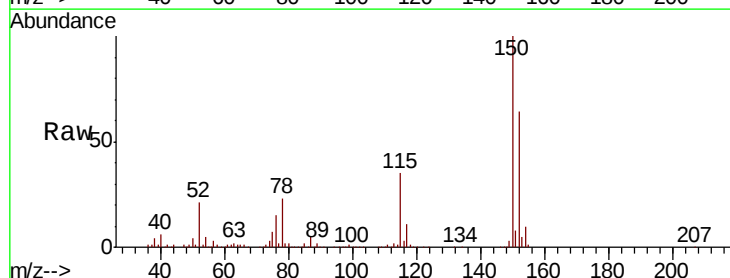
Instrument :
MSVOA_D
ClientSampleId :
VD0218SBL01

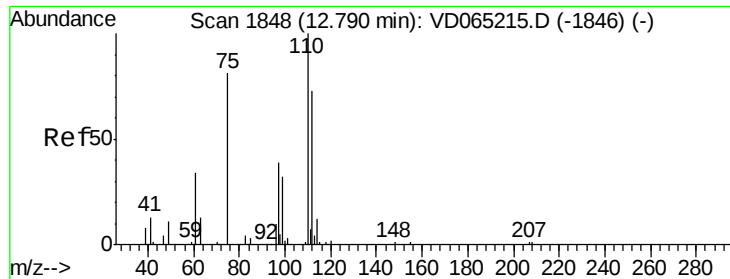
Tot Ion:117 Resp: 676291
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 33.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065219.D
Acq: 18 Feb 2020 14:46

Tgt Ion:152 Resp: 306009
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 155.0 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 51.934 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065219.D

Acq: 18 Feb 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

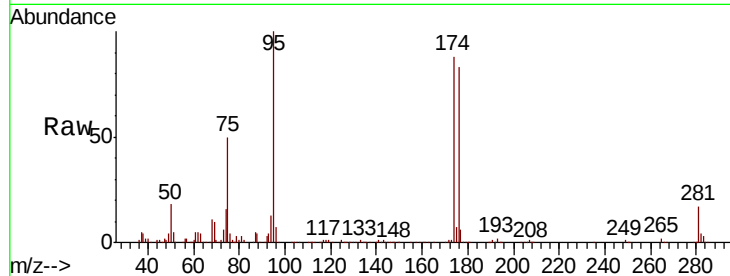
VD0218SBL01

Tot Ion: 75 Resp: 135217

Ion Ratio Lower Upper

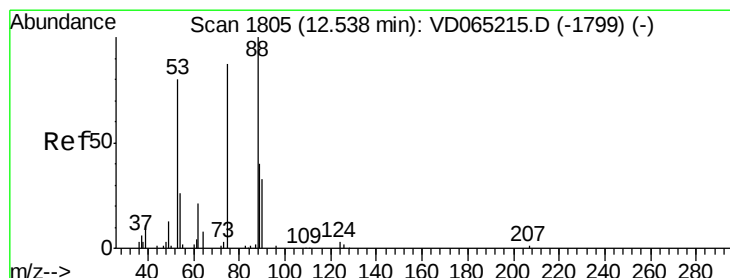
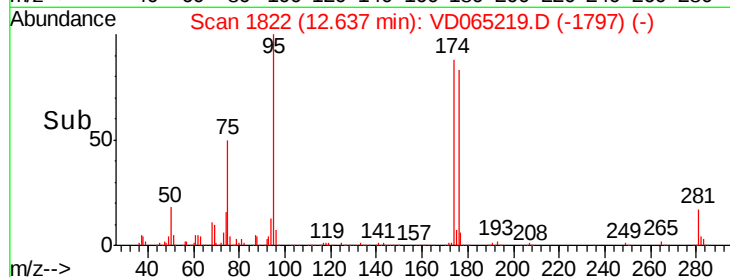
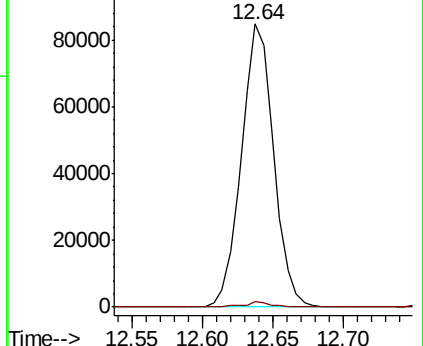
75 100

77 1.4 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: 112.135 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065219.D

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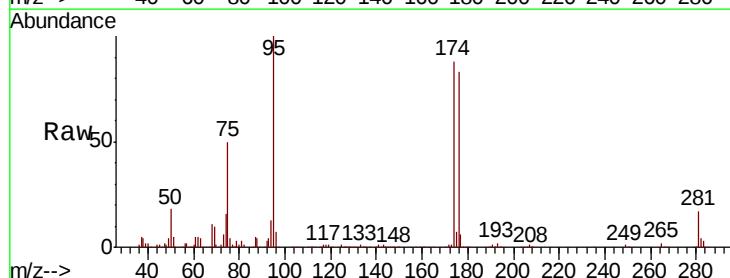
Tgt Ion: 75 Resp: 135217

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.2 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

