

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
 Data File : VD065474.D
 Acq On : 11 Mar 2020 11:31
 Operator : VA/SY
 Sample : VD0311SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Quant Time: Mar 16 11:08:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	643002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	578566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248143	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	196578	58.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.88%	
35) Dibromofluoromethane	7.92	113	208193	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.34	98	763138	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.64	95	212083	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	

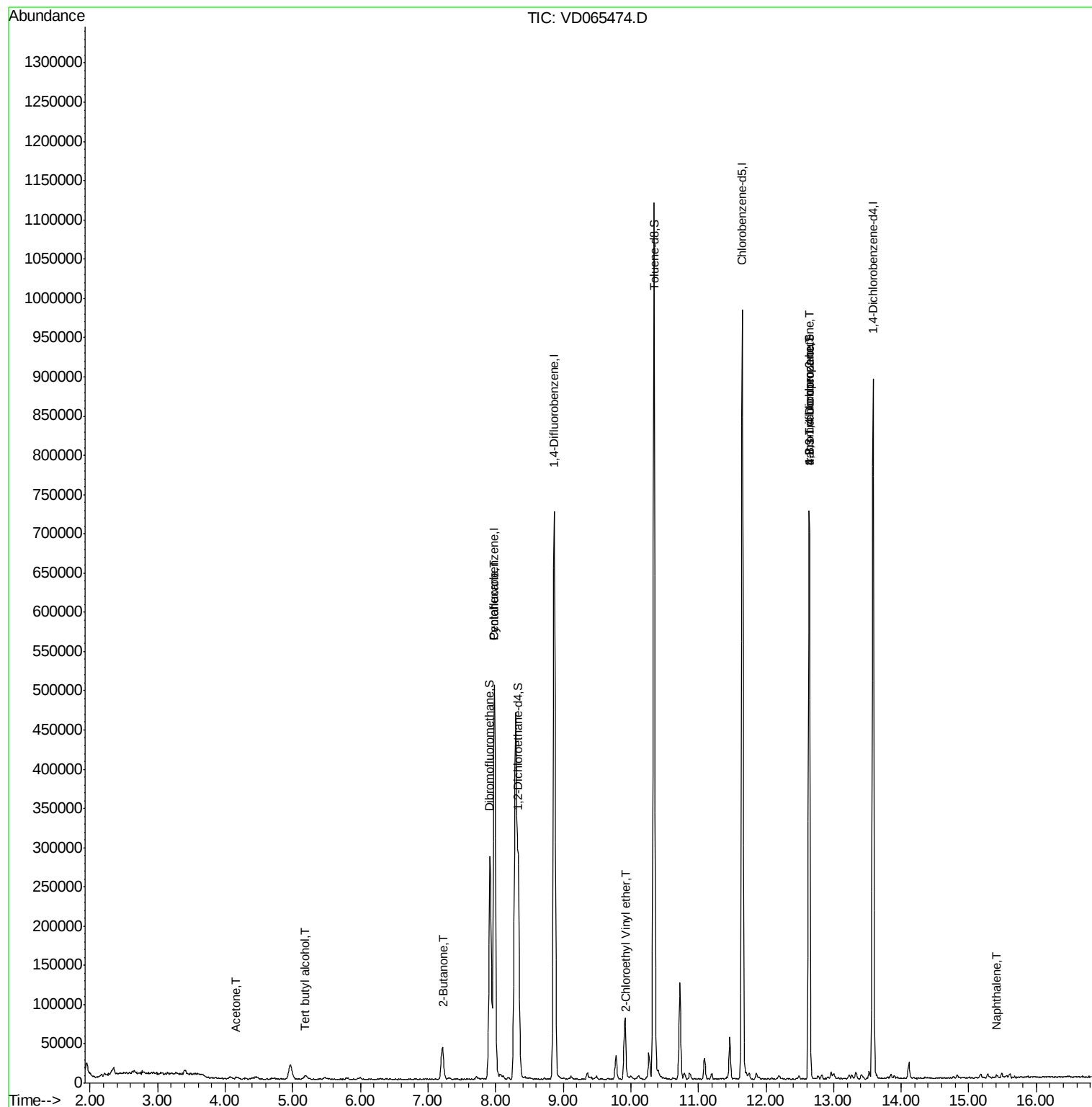
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	1584	Below Cal	#	63
11) Tert butyl alcohol	5.19	59	5306	27.50	ug/l #	76
16) Acetone	4.17	43	3079	4.53	ug/l #	77
25) 2-Butanone	7.23	43	1070	1.15	ug/l #	47
31) Cyclohexane	7.98	56	9136	1.37	ug/l #	3
58) 2-Chloroethyl Vinyl ether	9.94	63	551	2.69	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	103870	53.05	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	103870	111.95	ug/l #	14
95) Naphthalene	15.41	128	3920	4.85	ug/l #	89

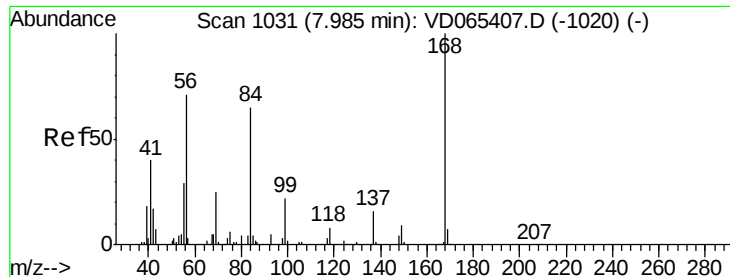
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
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Sample : VD0311SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Quant Time: Mar 16 11:08:05 2020
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065474.D

Acq: 11 Mar 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

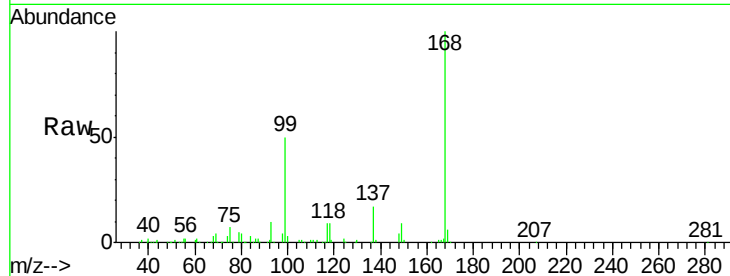
VD0311SBL01

Tgt Ion:168 Resp: 392130

Ion Ratio Lower Upper

168 100

99 49.6 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

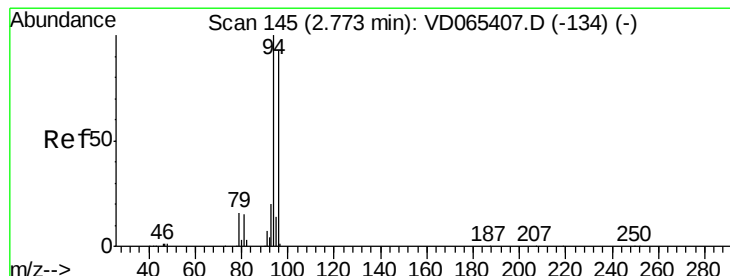
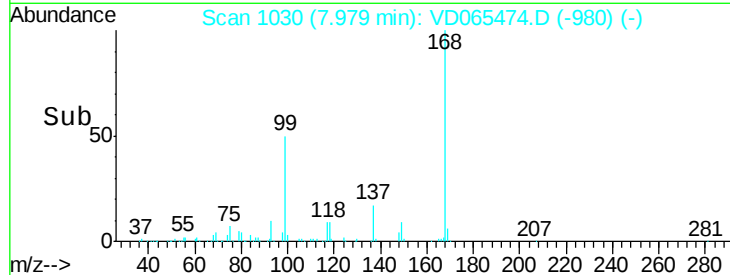
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065474.D

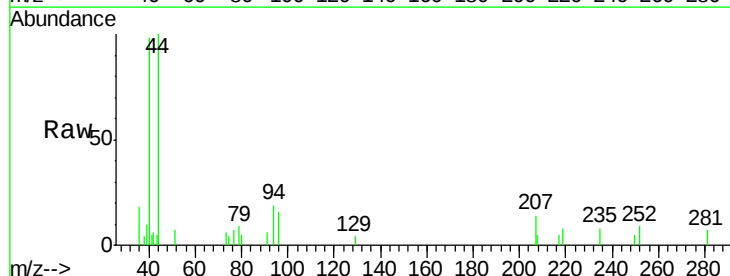
Acq: 11 Mar 2020 11:31

Tgt Ion: 94 Resp: 1584

Ion Ratio Lower Upper

94 100

96 57.1 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

800

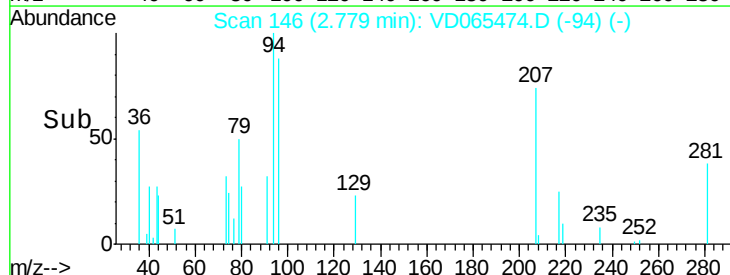
600

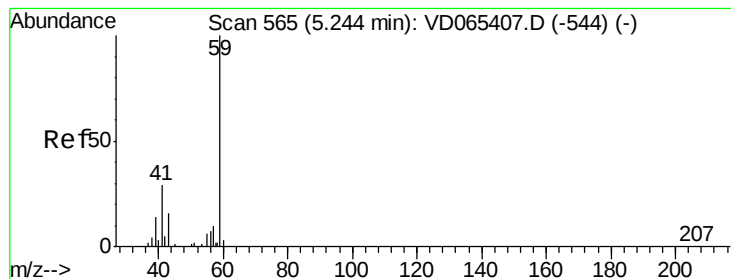
400

200

0

Time-->





#11

Tert butyl alcohol

Concen: 27.50 ug/l

RT: 5.19 min Scan# 555

Delta R.T. -0.06 min

Lab File: VD065474.D

Acq: 11 Mar 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

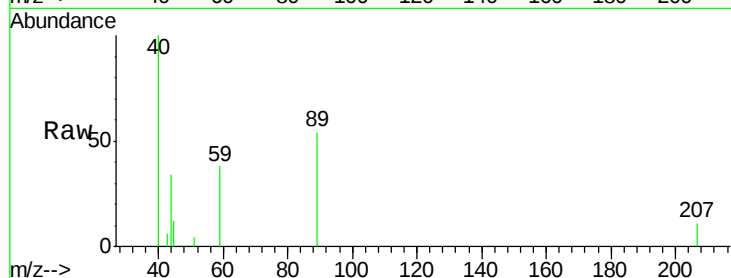
VD0311SBL01

Tgt Ion: 59 Resp: 5306

Ion Ratio Lower Upper

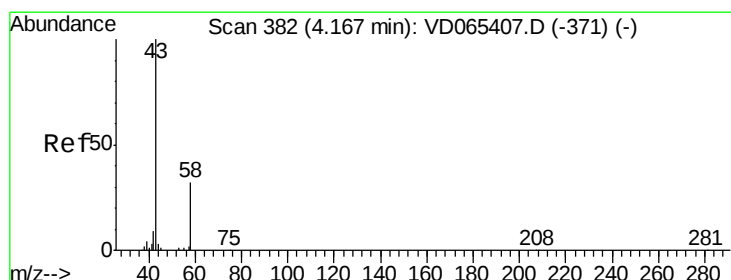
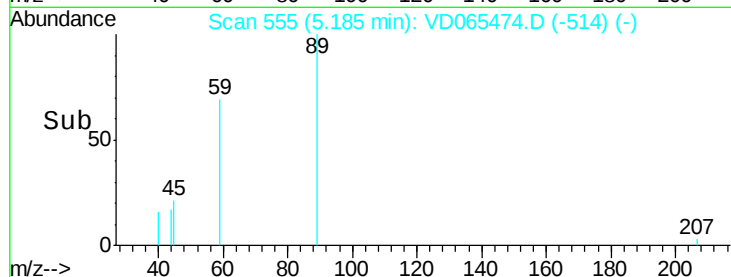
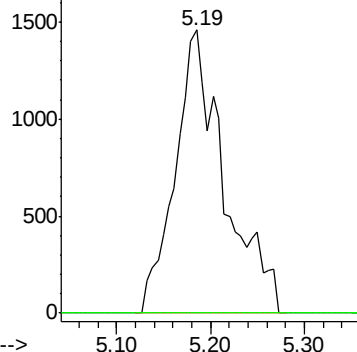
59 100

57 0.0 6.9 10.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#16

Acetone

Concen: 4.53 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065474.D

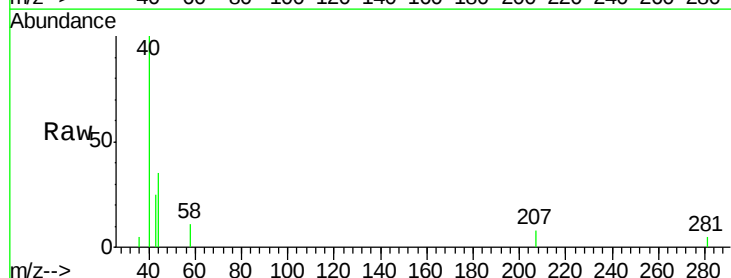
Acq: 11 Mar 2020 11:31

Tgt Ion: 43 Resp: 3079

Ion Ratio Lower Upper

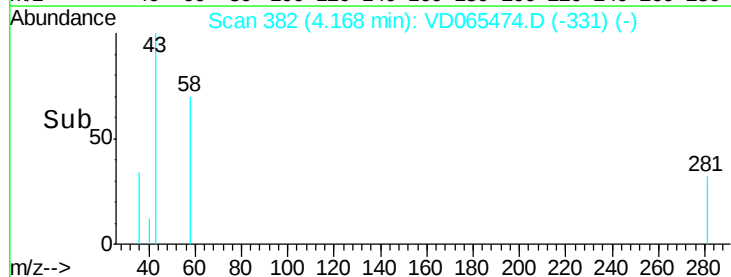
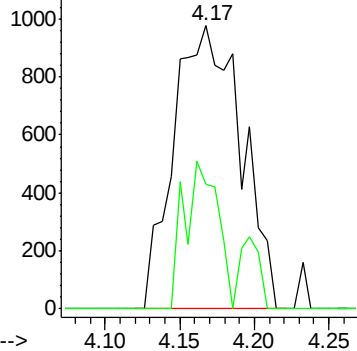
43 100

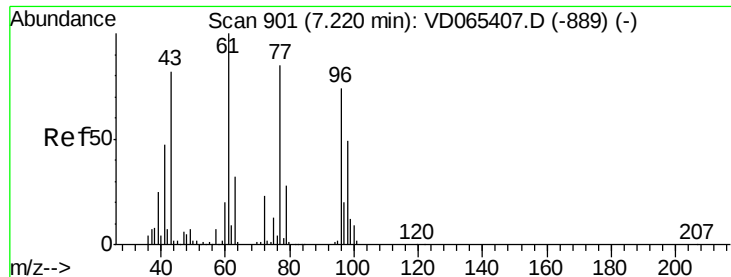
58 44.0 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 1.15 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065474.D

Acq: 11 Mar 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

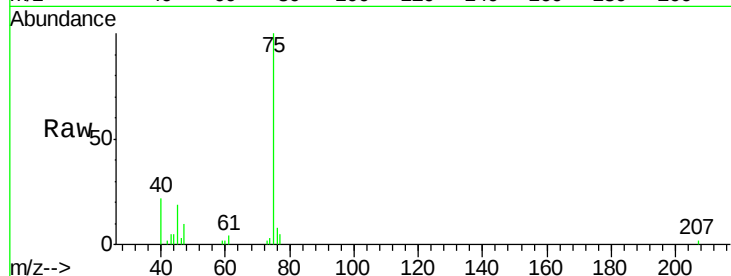
VD0311SBL01

Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

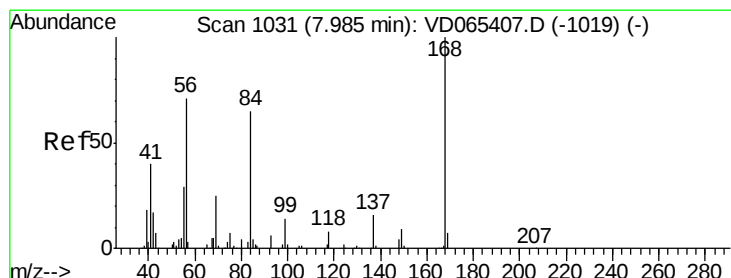
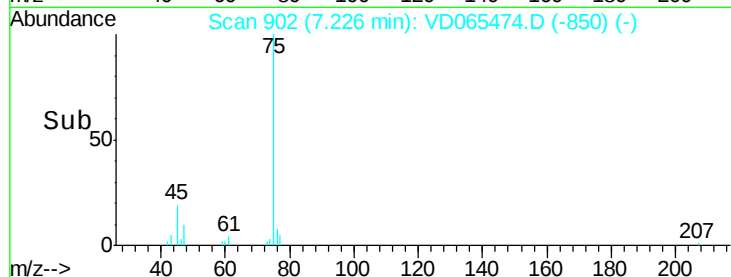
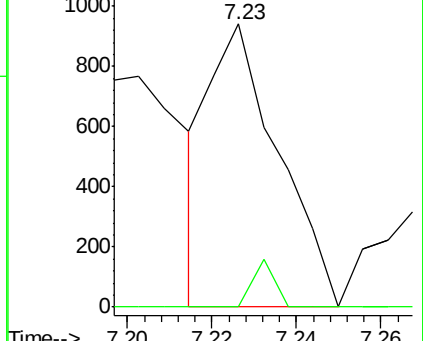
43 100

72 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.37 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065474.D

Acq: 11 Mar 2020 11:31

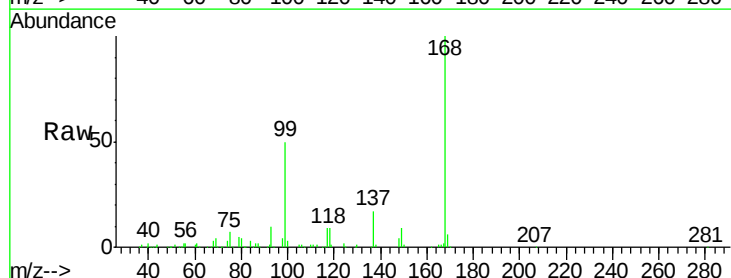
Tgt Ion: 56 Resp: 9136

Ion Ratio Lower Upper

56 100

69 175.5 28.3 42.5#

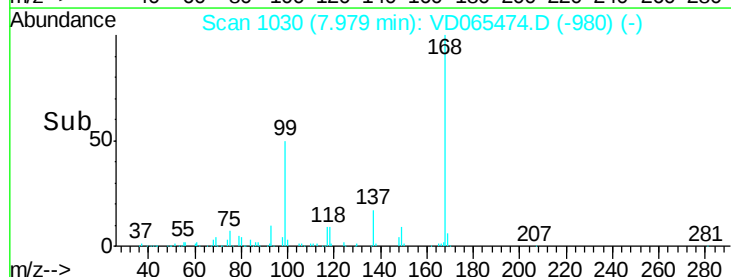
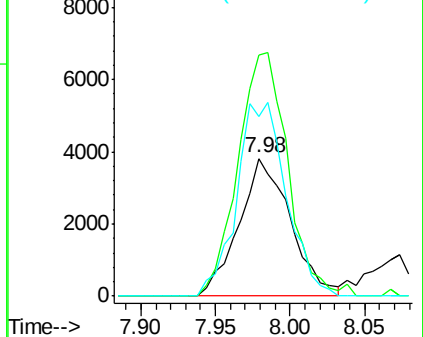
84 130.4 73.1 109.7#

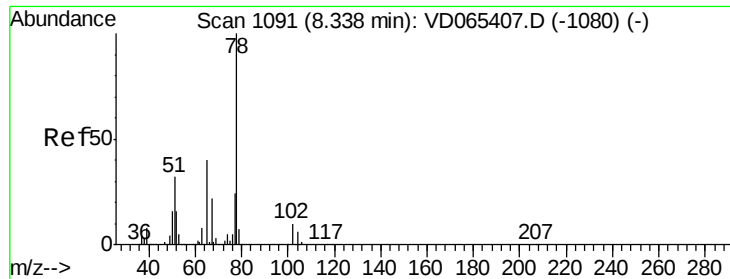


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

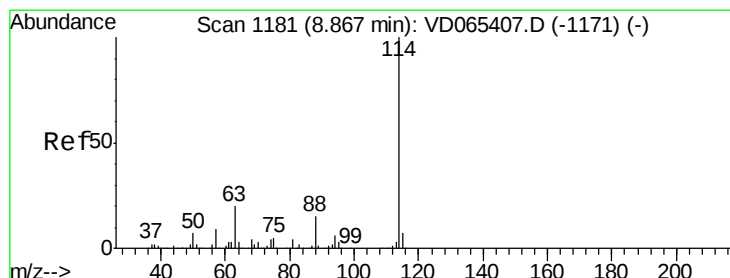
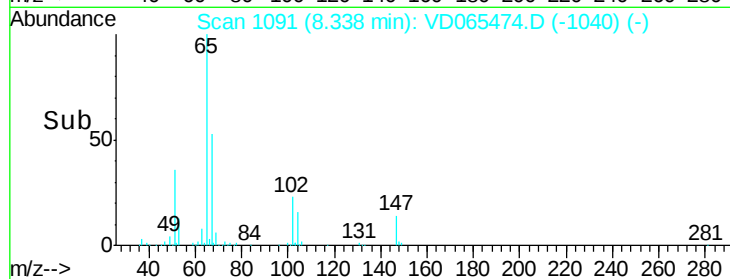
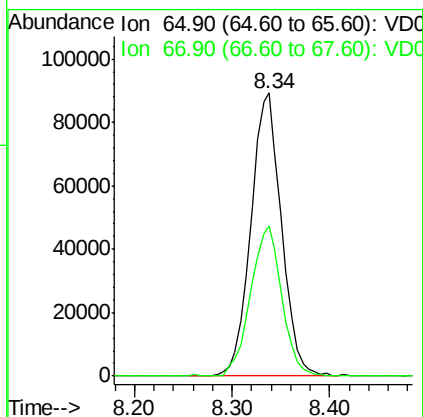
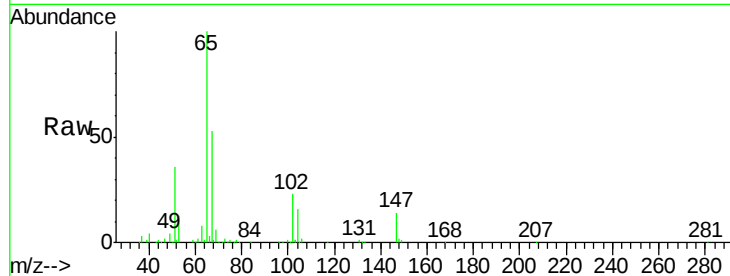




#33
 1,2-Dichloroethane-d4
 Concen: 58.44 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065474.D
 Acq: 11 Mar 2020 11:31

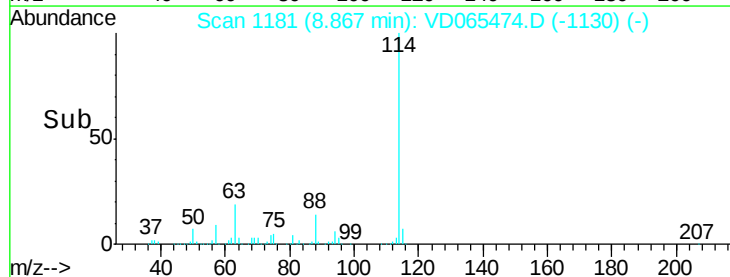
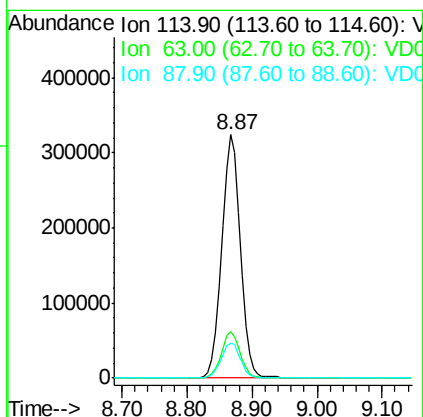
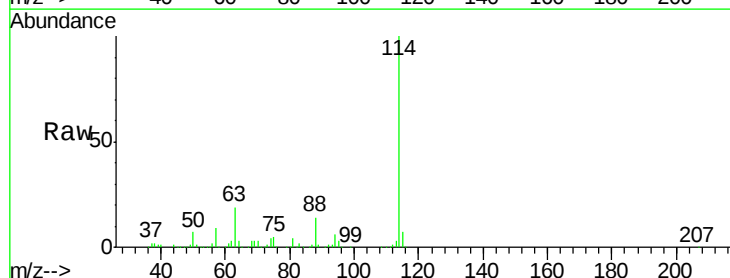
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

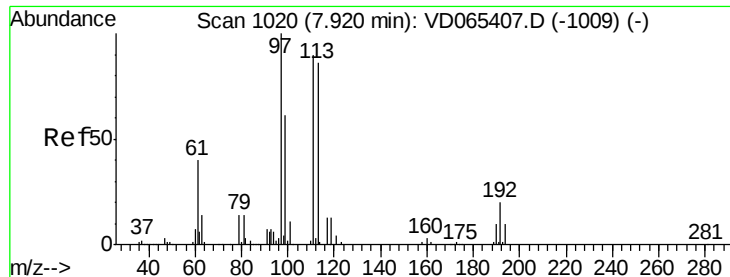
Tgt Ion: 65 Resp: 196578
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065474.D
 Acq: 11 Mar 2020 11:31

Tgt Ion: 114 Resp: 643002
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 14.4 0.0 30.4

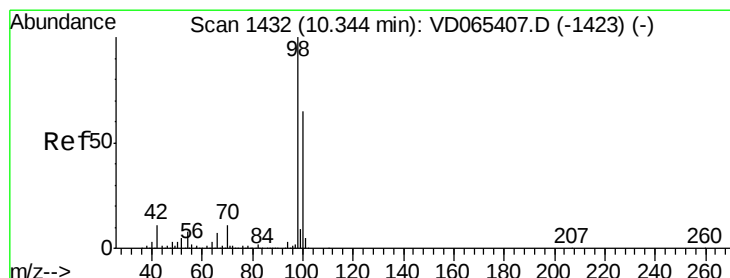
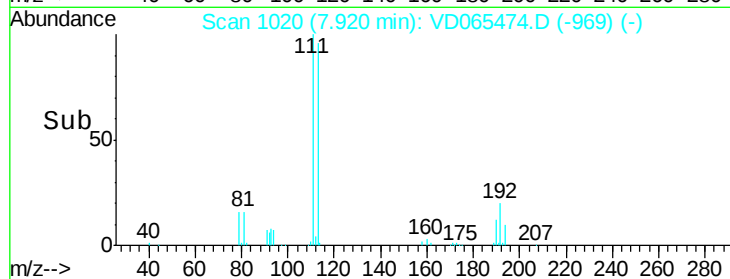
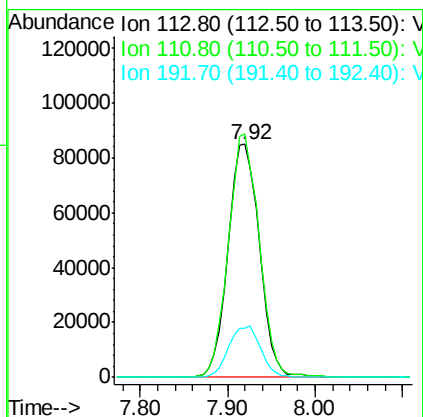
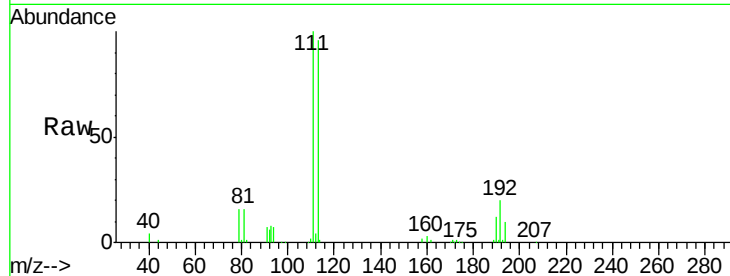




#35
 Dibromofluoromethane
 Concen: 52.36 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065474.D
 Acq: 11 Mar 2020 11:31

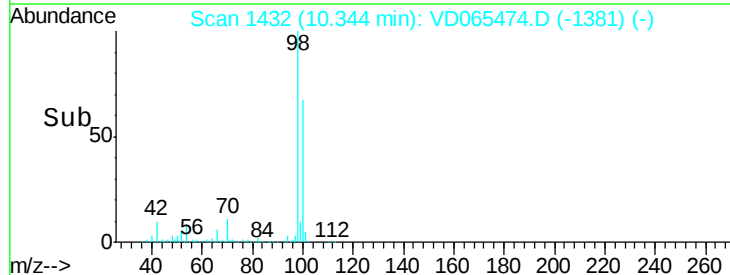
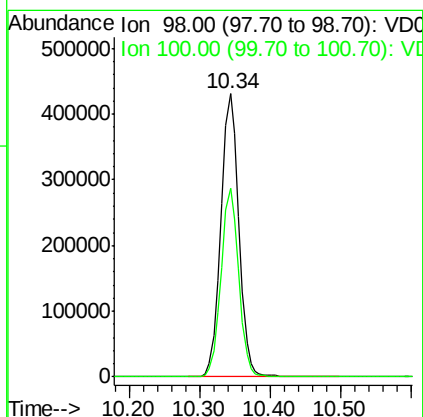
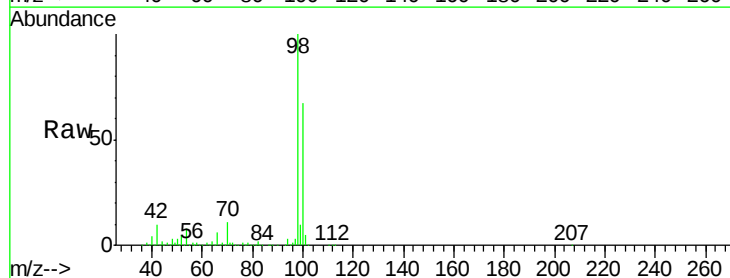
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

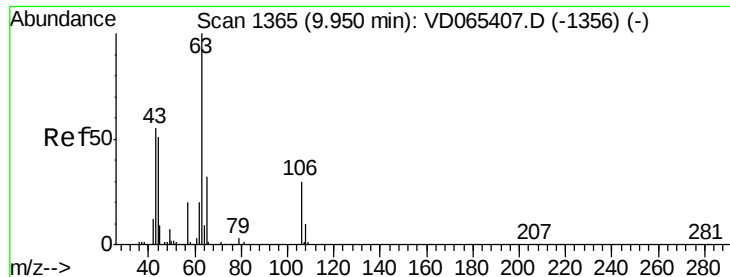
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.2	17.2	25.8



#50
 Toluene-d8
 Concen: 50.03 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065474.D
 Acq: 11 Mar 2020 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.8	79.2

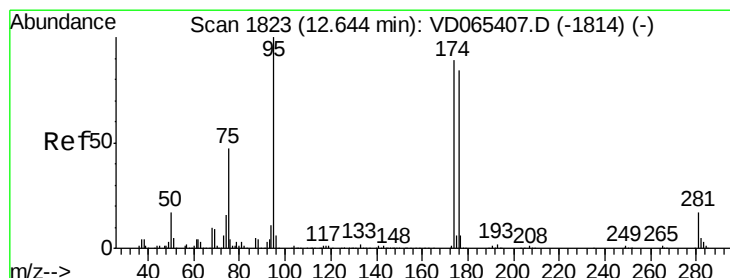
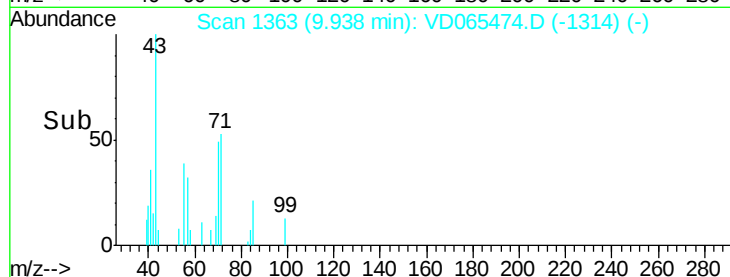
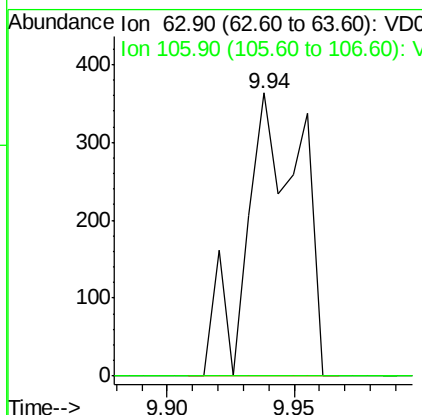
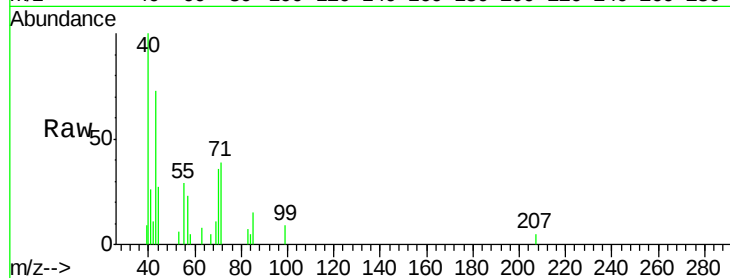




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.69 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VD065474.D
 Acq: 11 Mar 2020 11:31

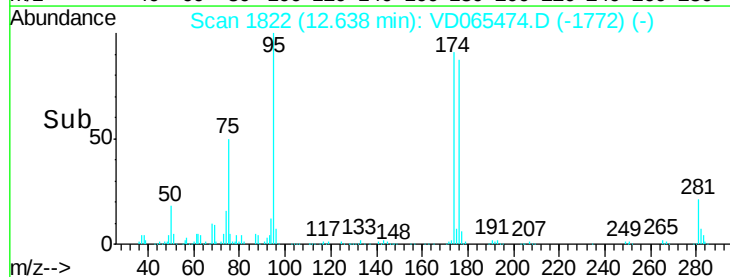
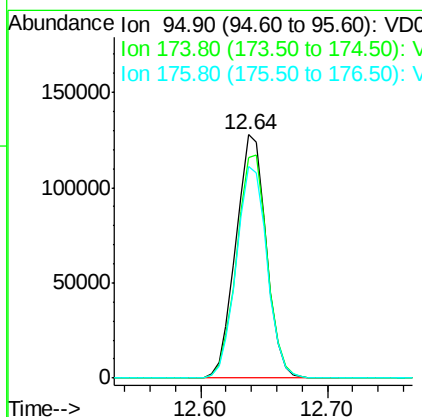
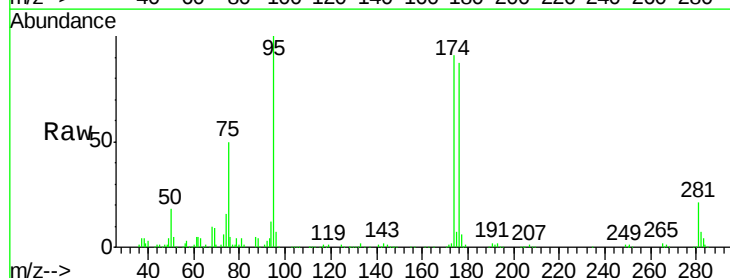
Instrument :
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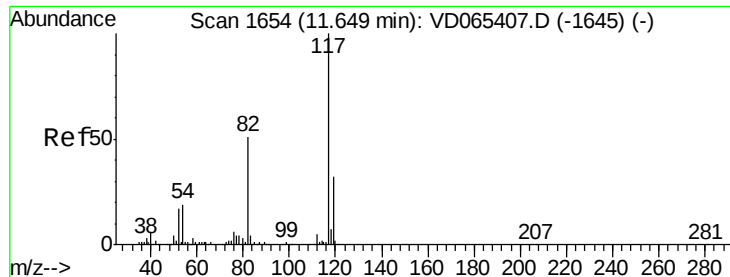
Tgt Ion: 63 Resp: 551
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.3 34.9#



#62
 4-Bromofluorobenzene
 Concen: 45.04 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065474.D
 Acq: 11 Mar 2020 11:31

Tgt Ion: 95 Resp: 212083
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 176.8
 176 88.0 0.0 171.4

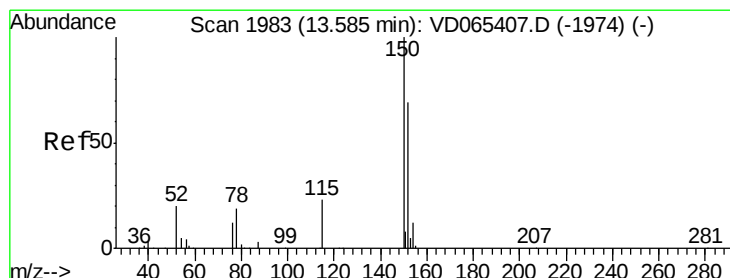
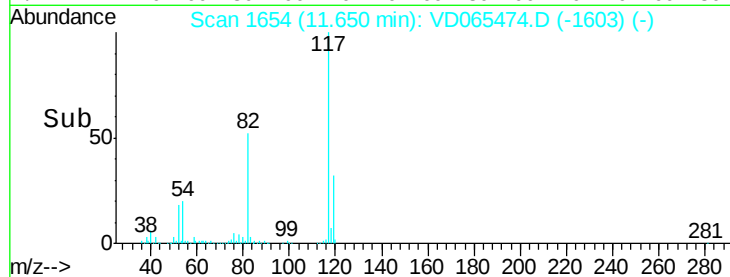
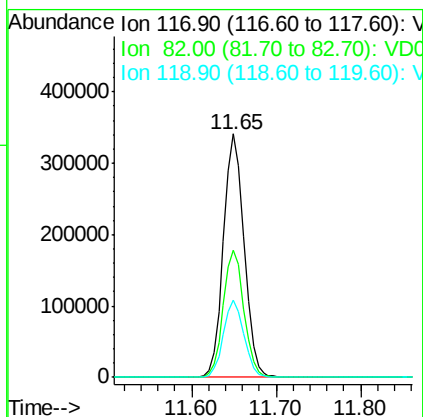
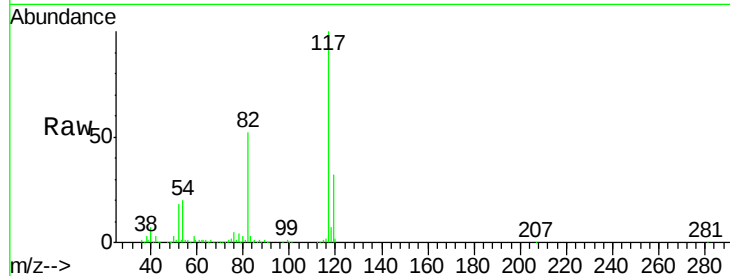




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065474.D
Acq: 11 Mar 2020 11:31

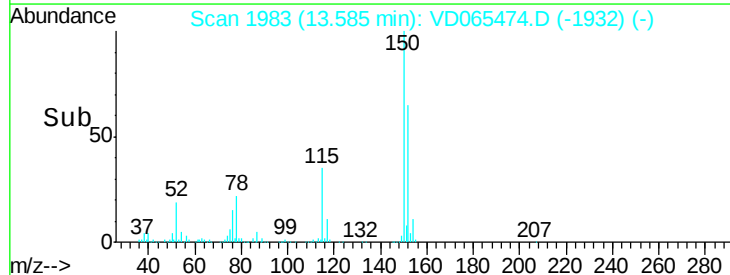
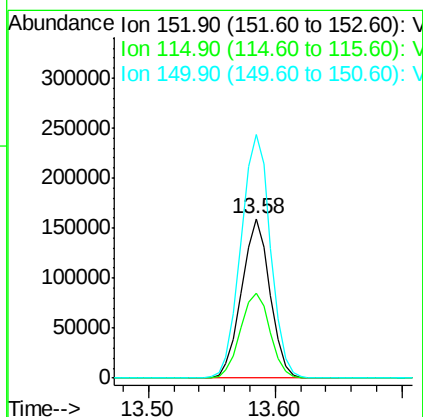
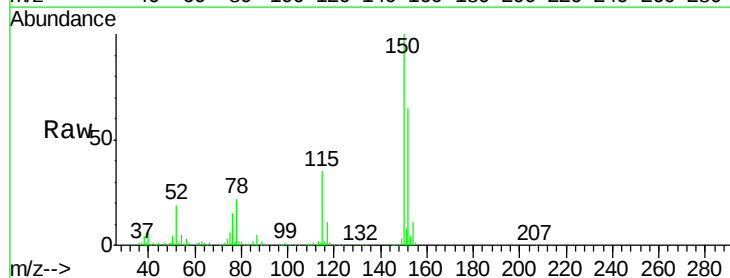
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

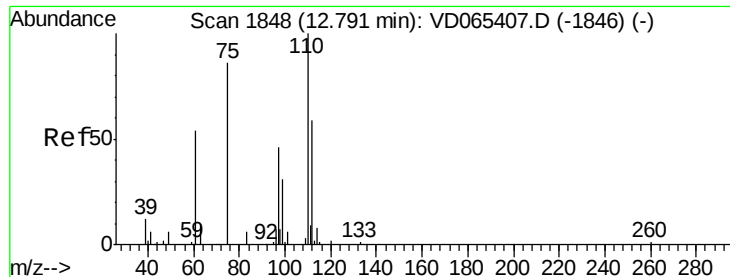
Tgt Ion:117 Resp: 578566
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065474.D
Acq: 11 Mar 2020 11:31

Tgt Ion:152 Resp: 248143
Ion Ratio Lower Upper
152 100
115 55.5 27.6 82.8
150 158.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 53.05 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065474.D

Acq: 11 Mar 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

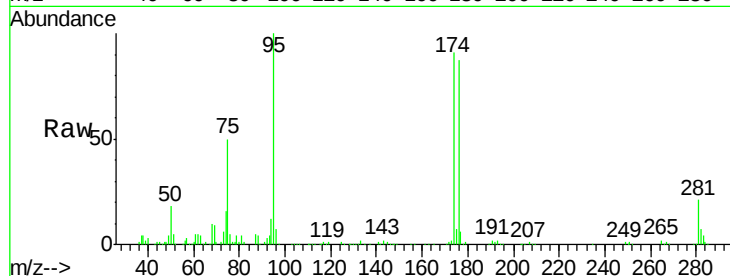
VD0311SBL01

Tgt Ion: 75 Resp: 103870

Ion Ratio Lower Upper

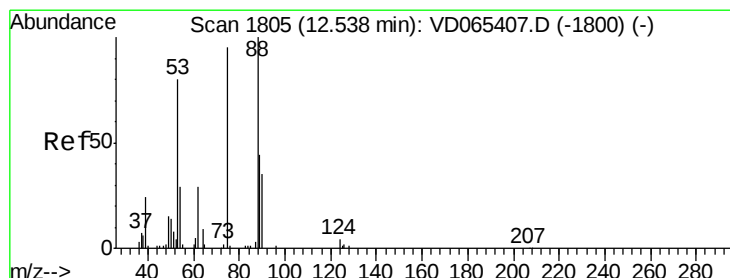
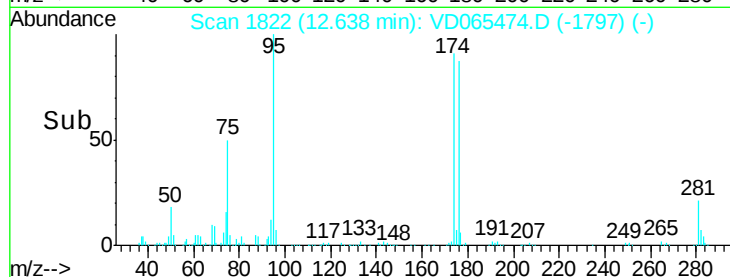
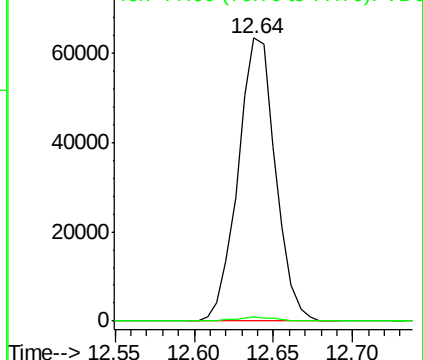
75 100

77 1.5 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: 111.95 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065474.D

Acq: 11 Mar 2020 11:31

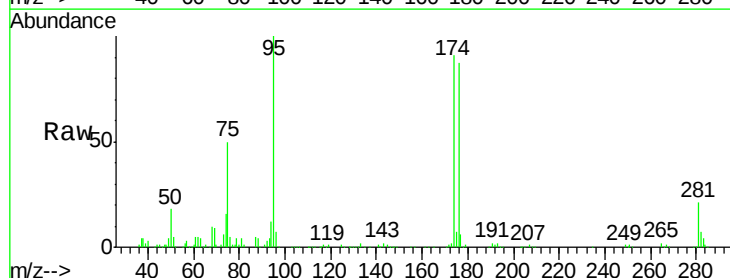
Tgt Ion: 75 Resp: 103870

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

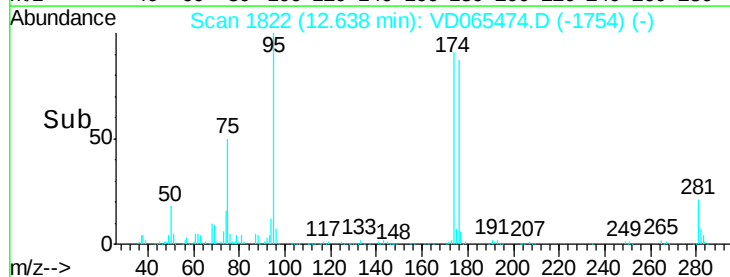
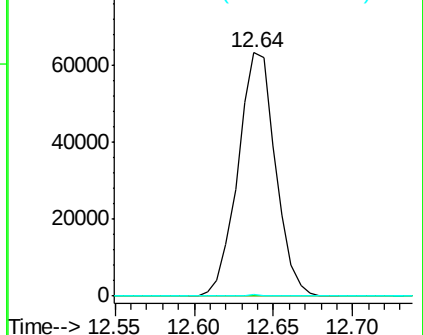
89 0.1 37.0 55.6#

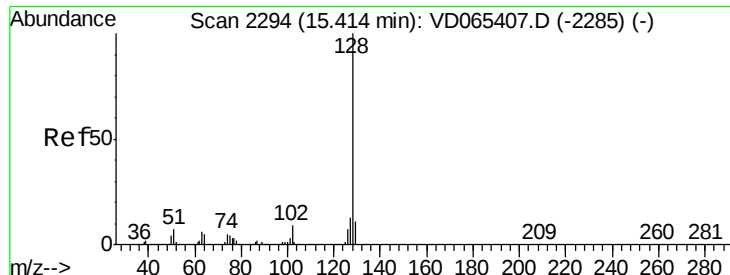


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95

Naphthalene

Concen: 4.85 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065474.D

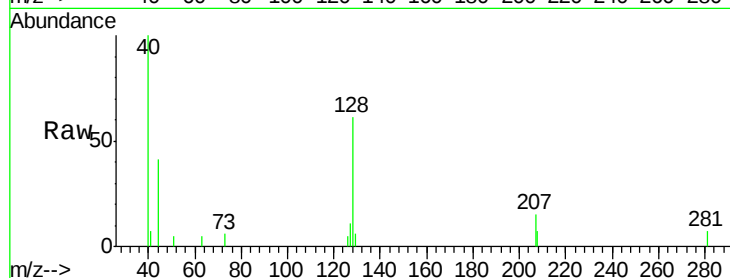
Acq: 11 Mar 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBL01



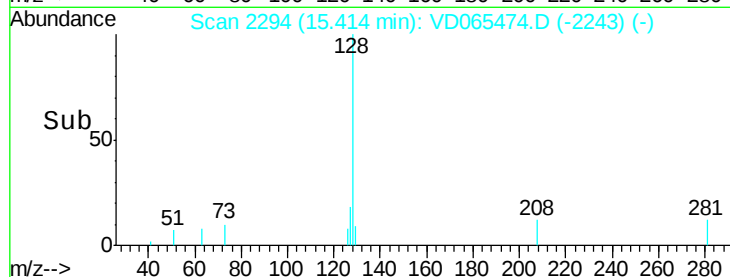
Tgt Ion:128 Resp: 3920

Ion Ratio Lower Upper

128 100

127 10.5 10.6 16.0#

129 4.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

