

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022520\
 Data File : VD065305.D
 Acq On : 25 Feb 2020 12:08
 Operator : VA/SY
 Sample : VD0225SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 23:37:01 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

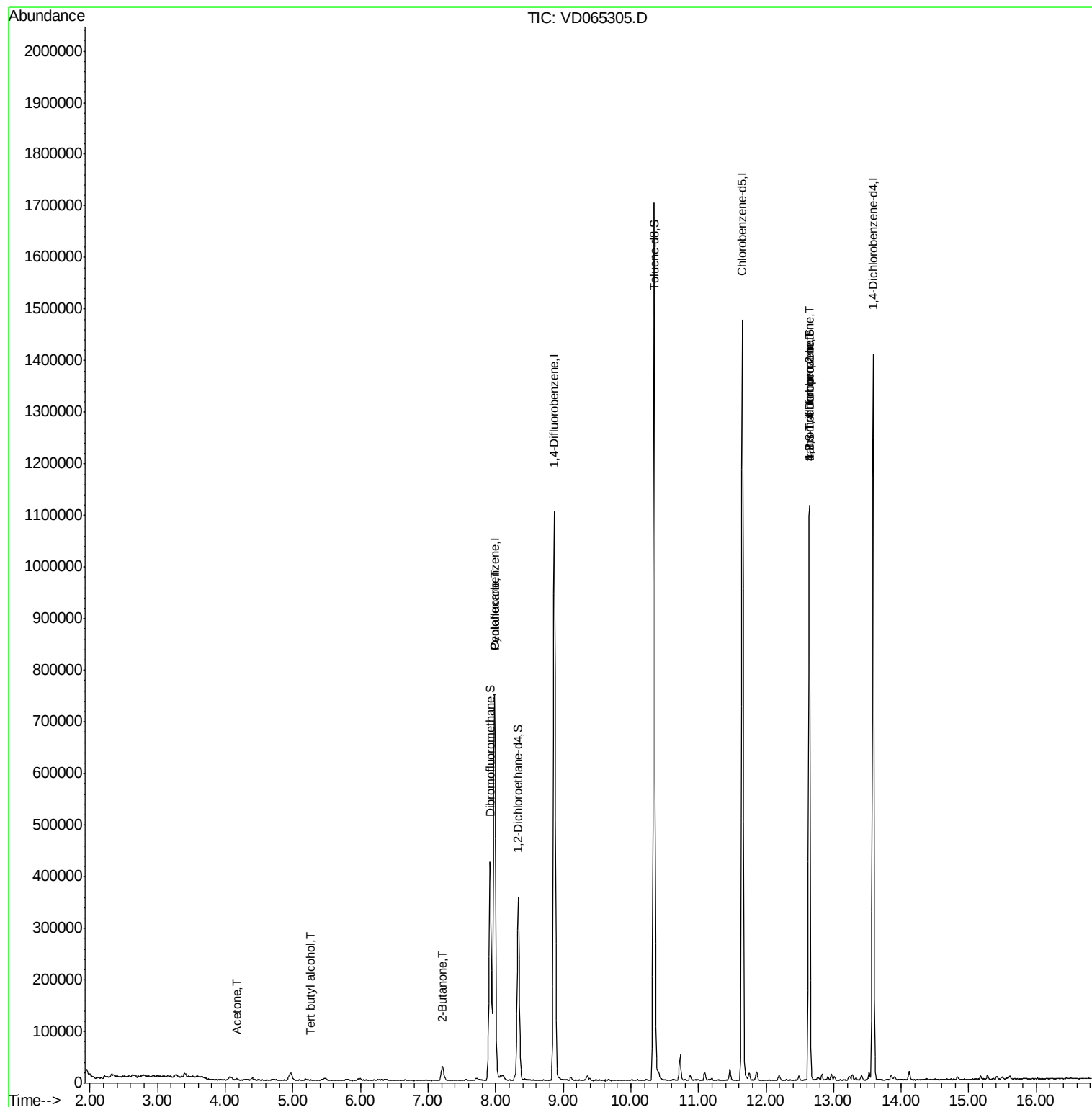
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	577930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	971946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	862197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	388937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	280638	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	7.92	113	305215	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.34	98	1162599	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.64	95	347529	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	372	1.197	ug/l #	72
13) Acrolein	3.93	56	62	Below Cal	#	1
16) Acetone	4.16	43	4074	3.206	ug/l #	86
20) Methylene Chloride	4.96	84	11074	Below Cal		84
25) 2-Butanone	7.22	43	2095	1.303	ug/l #	49
31) Cyclohexane	7.99	56	13951	1.365	ug/l #	5
76) 1,2,3-Trichloropropane	12.64	75	168615	50.954	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	168615	110.018	ug/l #	11

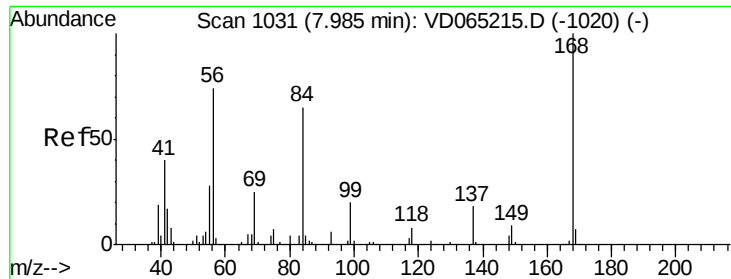
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022520\
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 25 23:37:01 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: VD065305.D

Acq: 25 Feb 2020 12:08

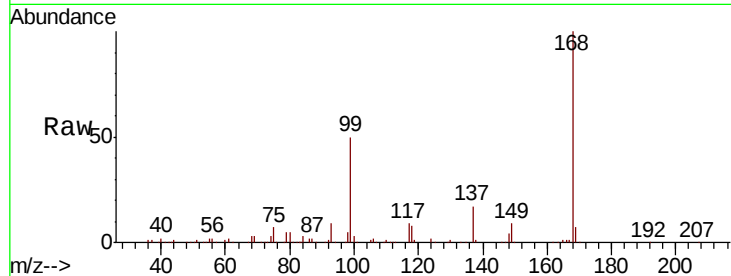
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 577930

Ion Ratio Lower Upper

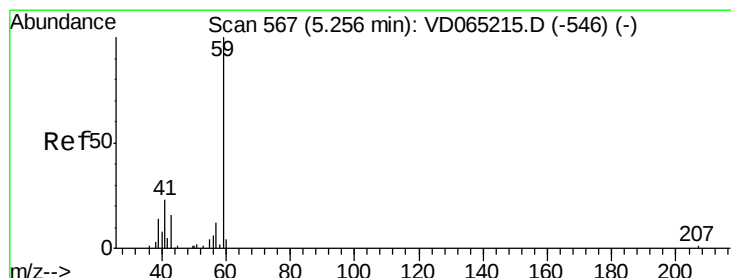
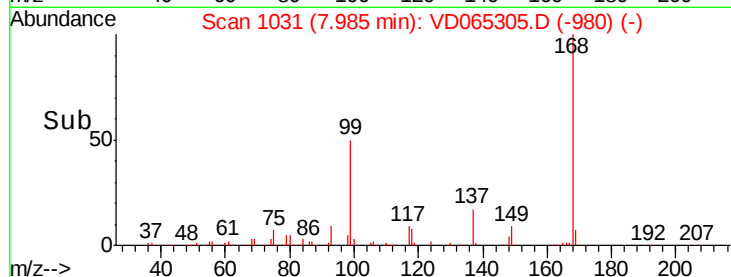
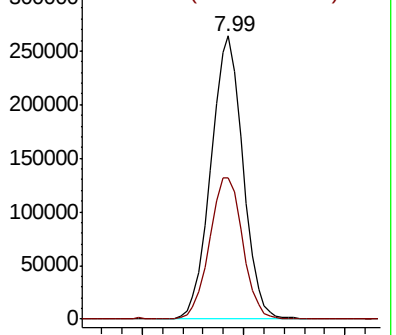
168 100

99 50.0 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: 1.197 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.01 min

Lab File: VD065305.D

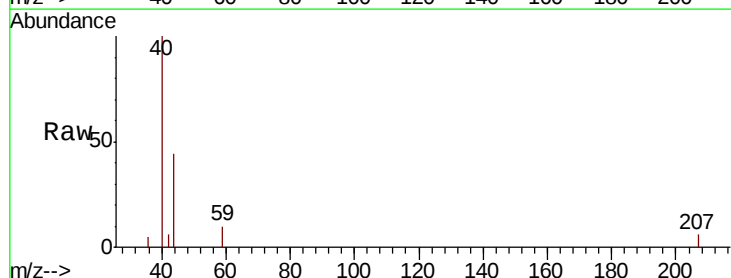
Acq: 25 Feb 2020 12:08

Tgt Ion: 59 Resp: 372

Ion Ratio Lower Upper

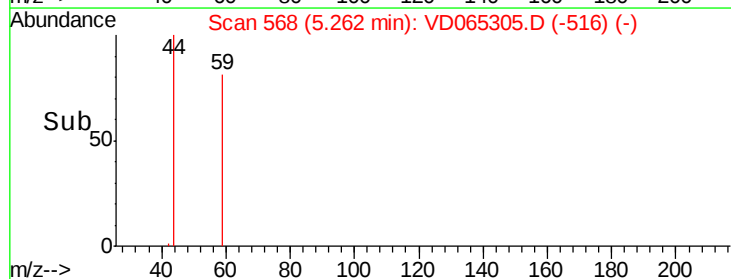
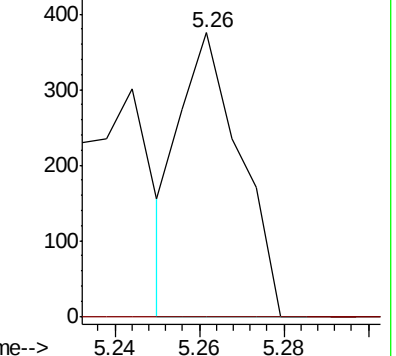
59 100

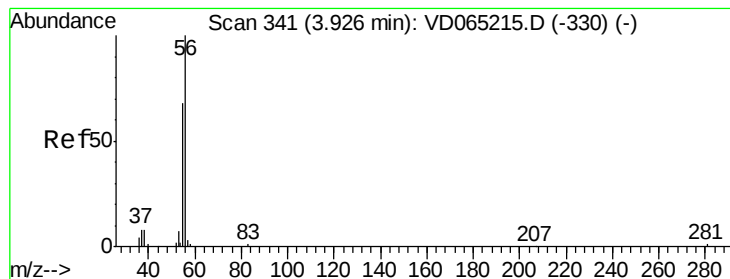
57 0.0 8.4 12.6#



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: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065305.D

Acq: 25 Feb 2020 12:08

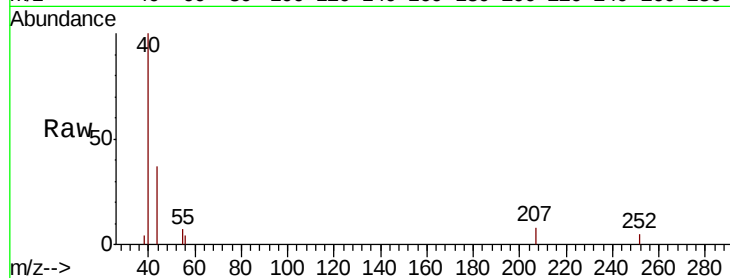
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 62

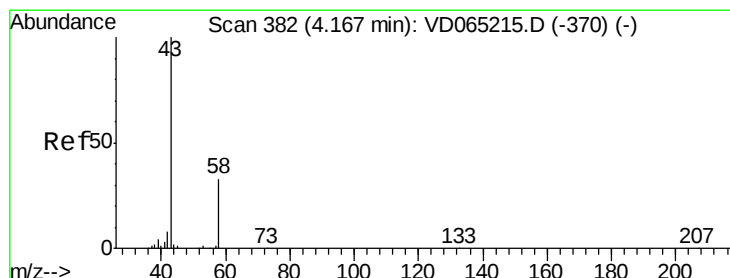
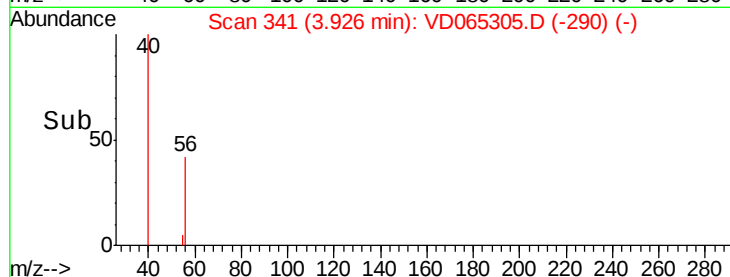
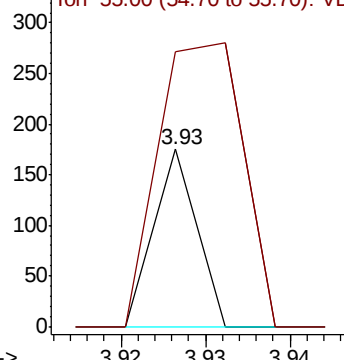
Ion Ratio Lower Upper

56 100

55 314.5 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: 3.206 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065305.D

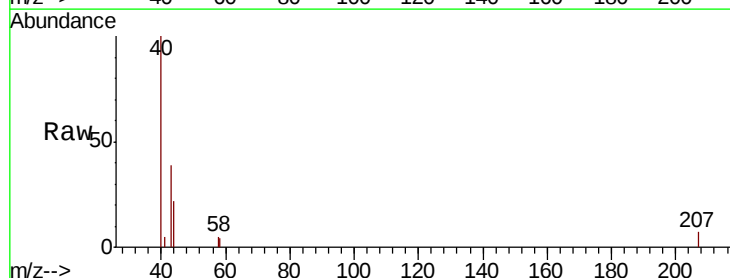
Acq: 25 Feb 2020 12:08

Tgt Ion: 43 Resp: 4074

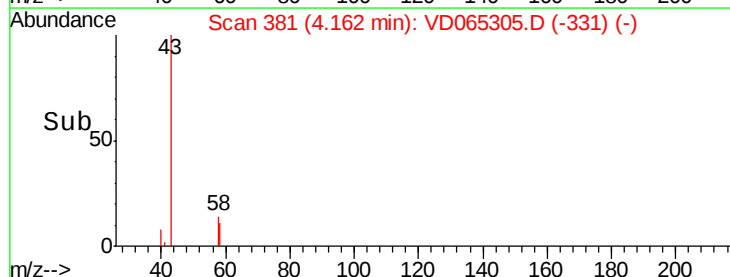
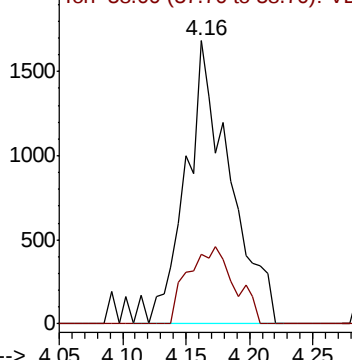
Ion Ratio Lower Upper

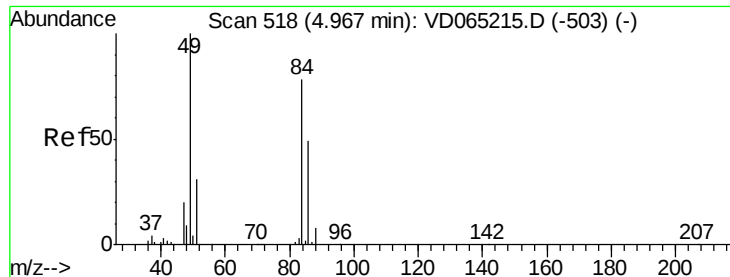
43 100

58 24.6 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# 517

Delta R.T. -0.01 min

Lab File: VD065305.D

Acq: 25 Feb 2020 12:08

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 11074

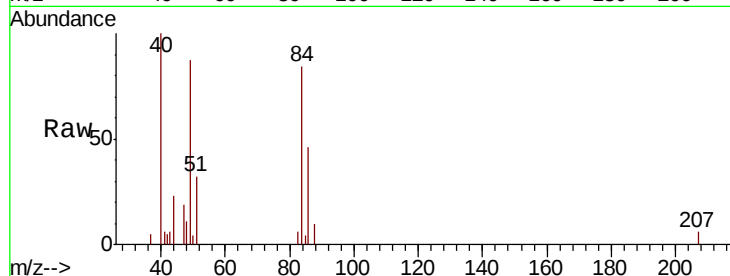
Ion Ratio Lower Upper

84 100

49 103.2 103.1 154.7

51 37.6 31.7 47.5

86 54.5 50.9 76.3

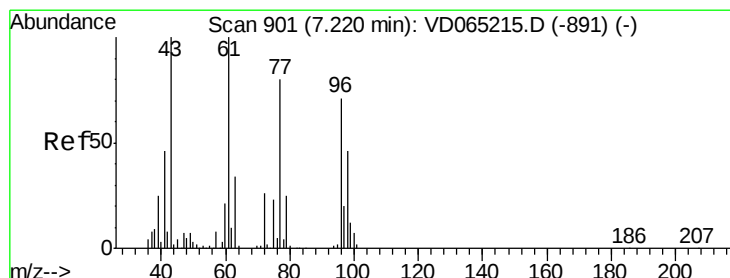
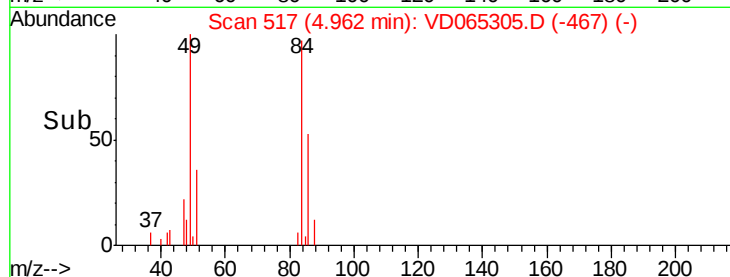
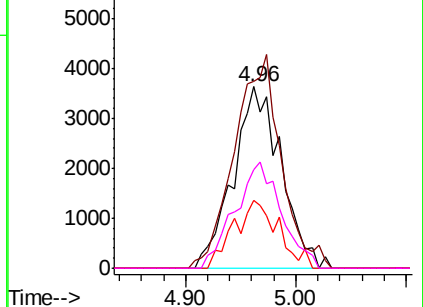


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.303 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065305.D

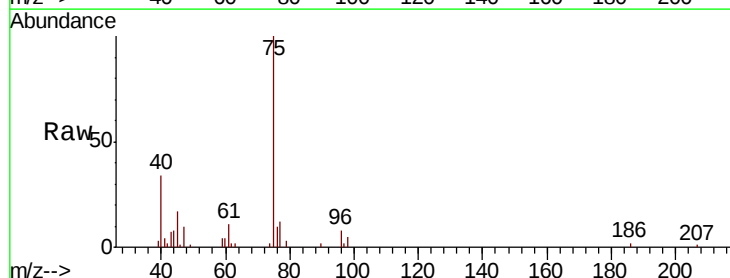
Acq: 25 Feb 2020 12:08

Tgt Ion: 43 Resp: 2095

Ion Ratio Lower Upper

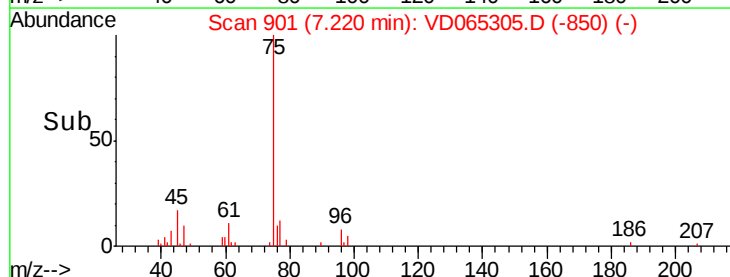
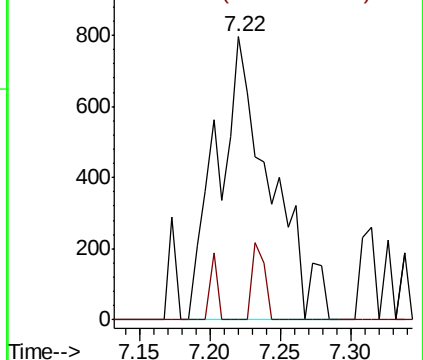
43 100

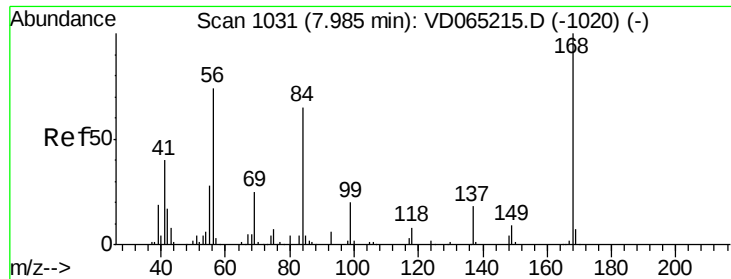
72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

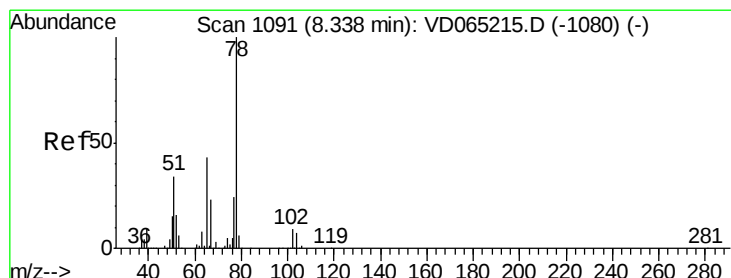
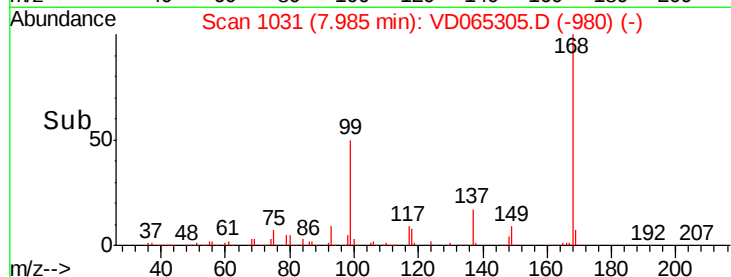
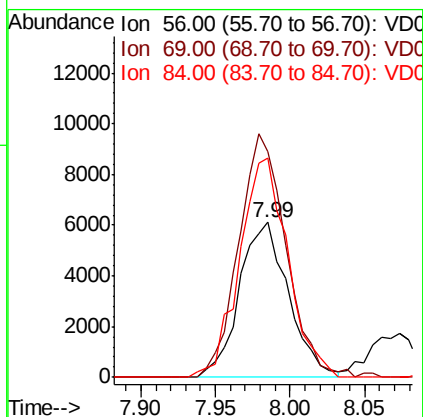
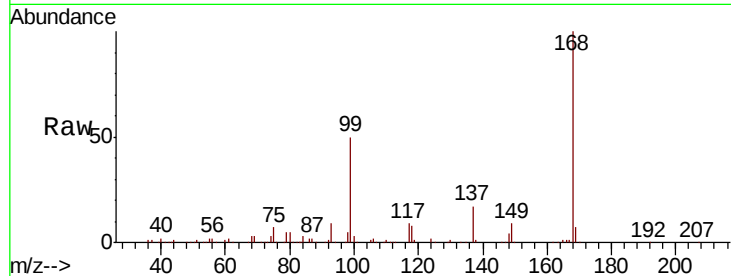




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065305.D
Acq: 25 Feb 2020 12:08

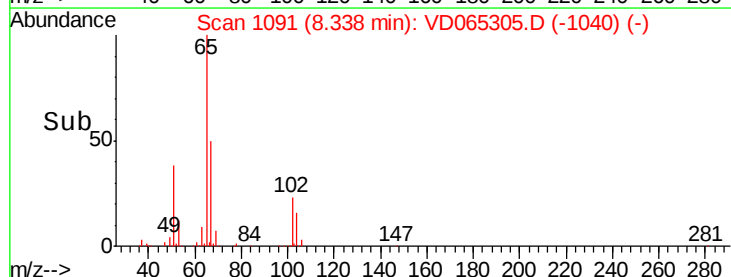
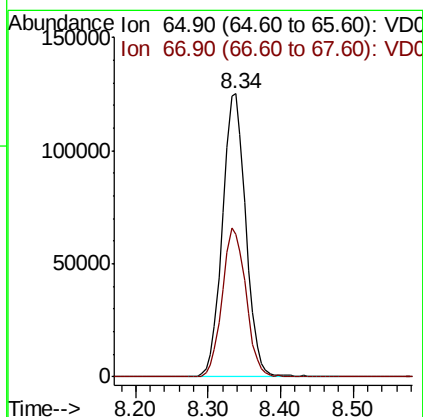
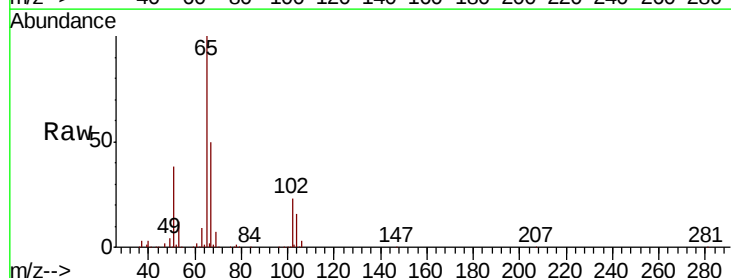
Instrument :
MSVOA_D
ClientSampled :

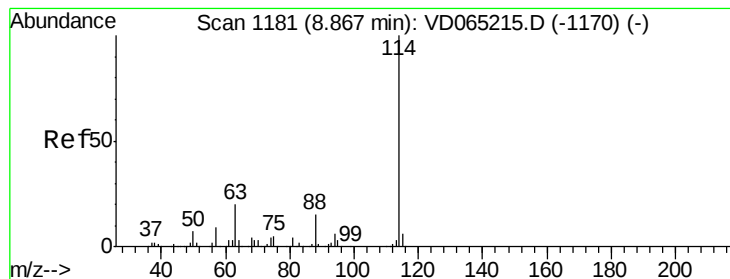
Tot Ion: 56 Resp: 13951
Ion Ratio Lower Upper
56 100
69 145.8 27.4 41.0#
84 141.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.978 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065305.D
Acq: 25 Feb 2020 12:08

Tgt Ion: 65 Resp: 280638
Ion Ratio Lower Upper
65 100
67 53.2 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: VD065305.D

Acq: 25 Feb 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

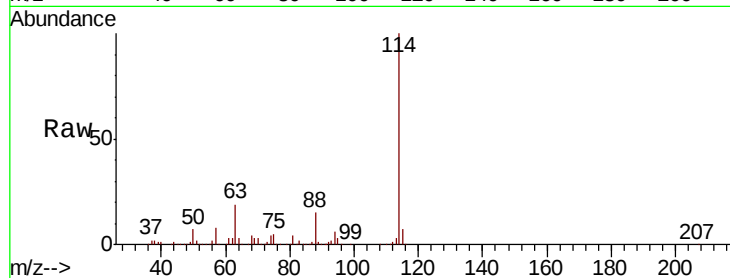
Tot Ion:114 Resp: 971946

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

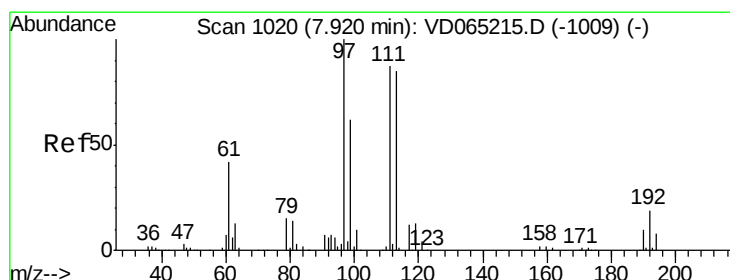
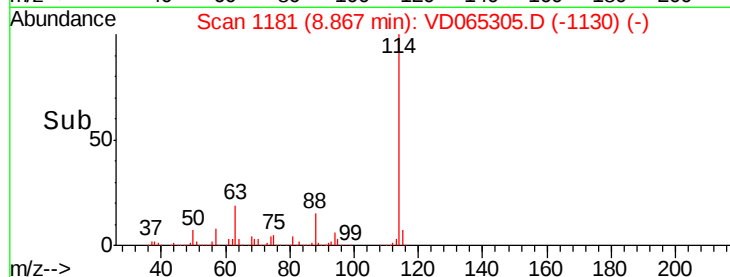
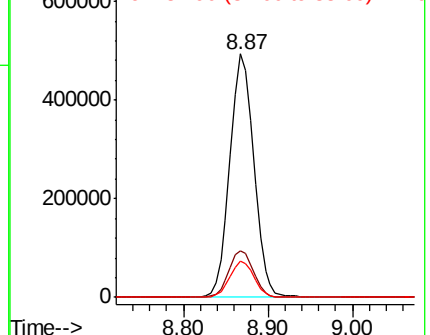
88 14.9 0.0 30.4



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: 51.501 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065305.D

Acq: 25 Feb 2020 12:08

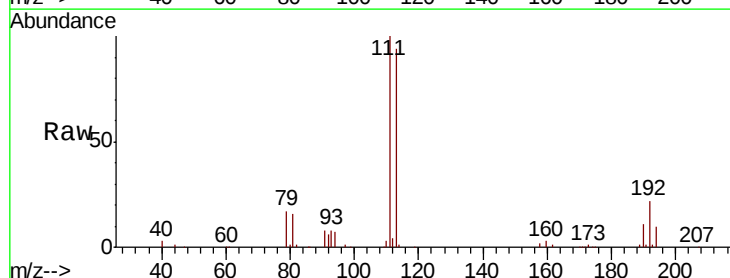
Tgt Ion:113 Resp: 305215

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

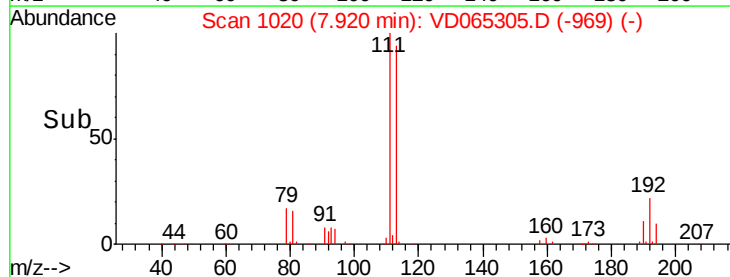
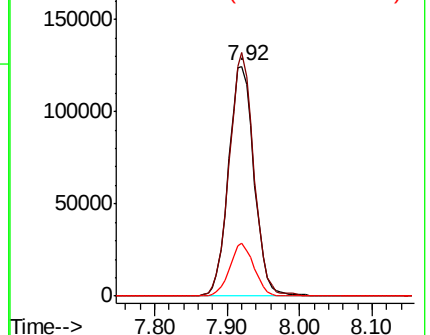
192 21.8 17.3 25.9



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

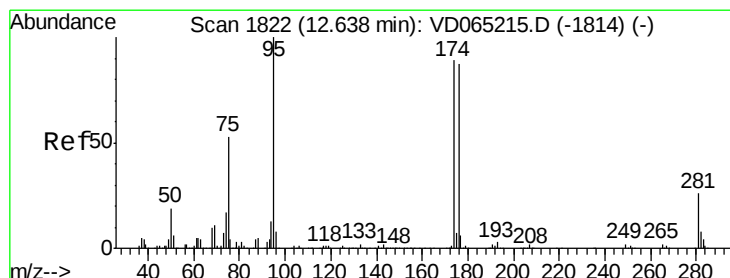
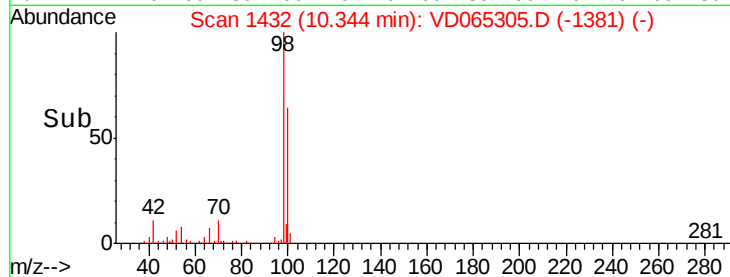
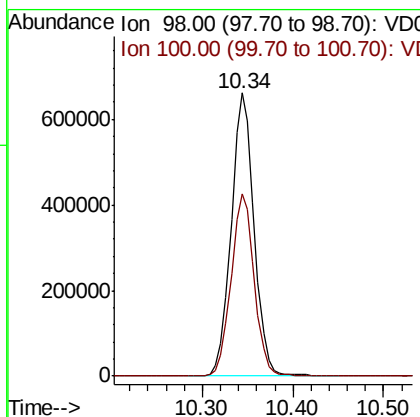
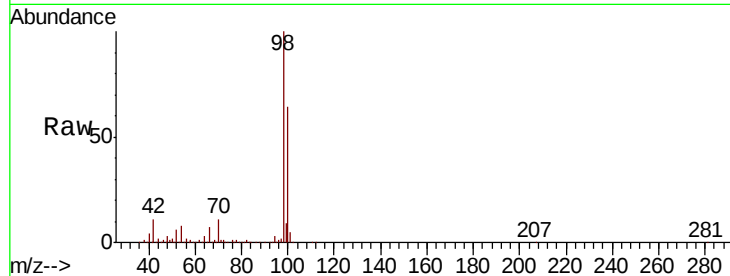




#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065305.D
Acq: 25 Feb 2020 12:08

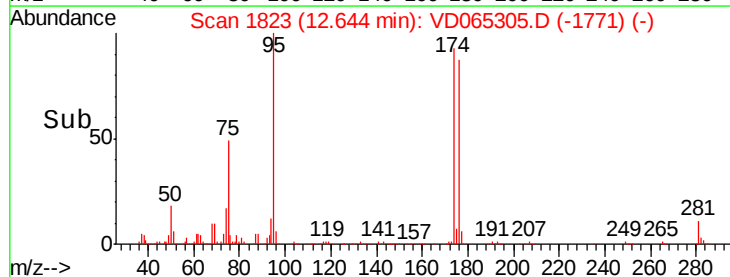
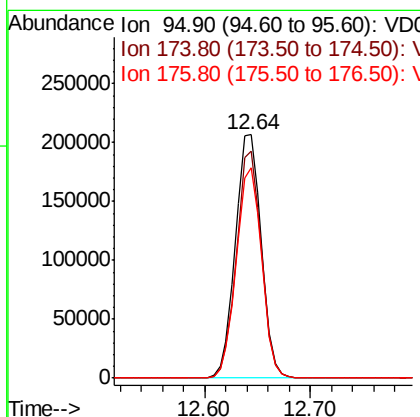
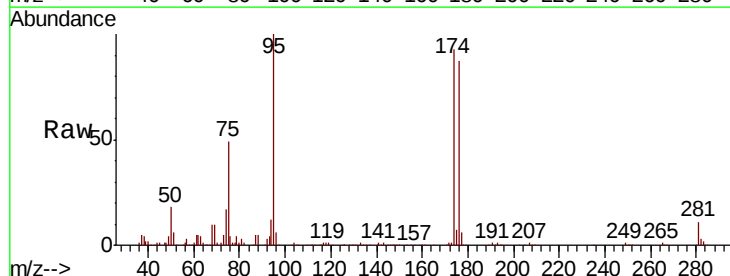
Instrument :
MSVOA_D
ClientSampleId :

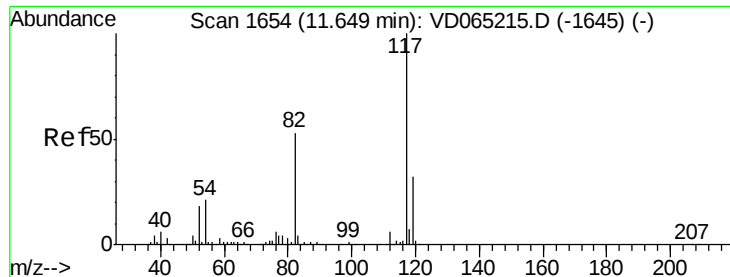
Tot Ion: 98 Resp: 1162599
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.421 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065305.D
Acq: 25 Feb 2020 12:08

Tgt Ion: 95 Resp: 347529
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.0
176 85.3 0.0 174.4

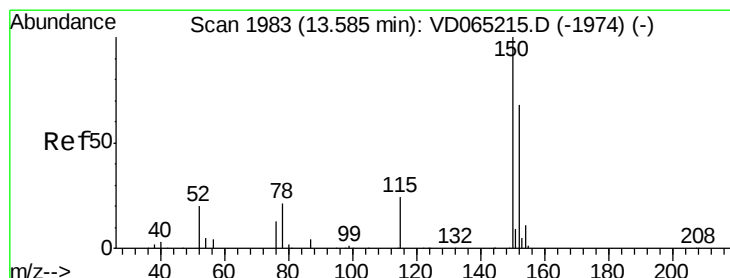
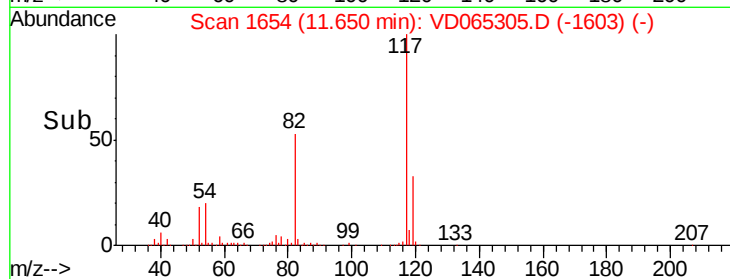
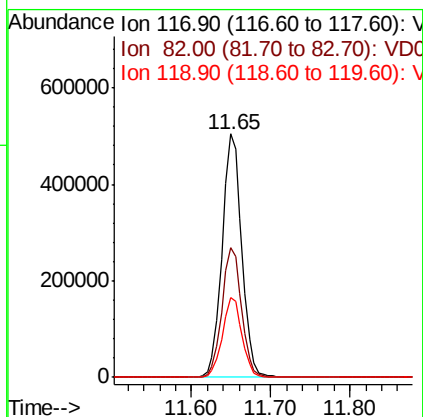
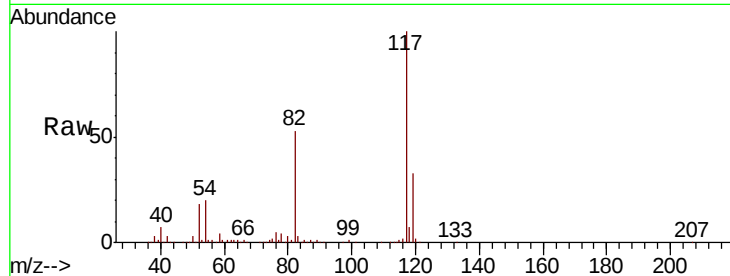




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065305.D
Acq: 25 Feb 2020 12:08

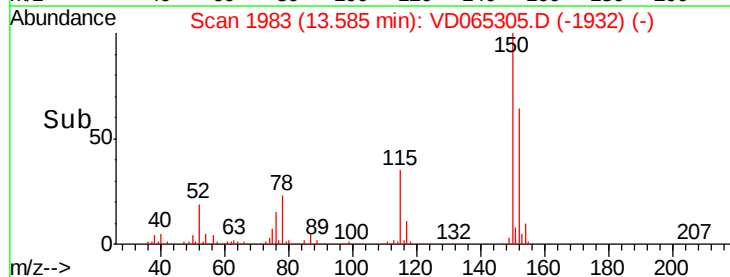
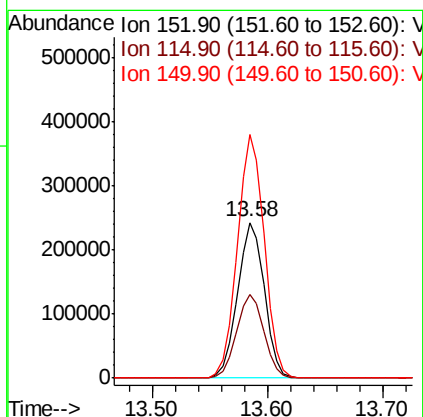
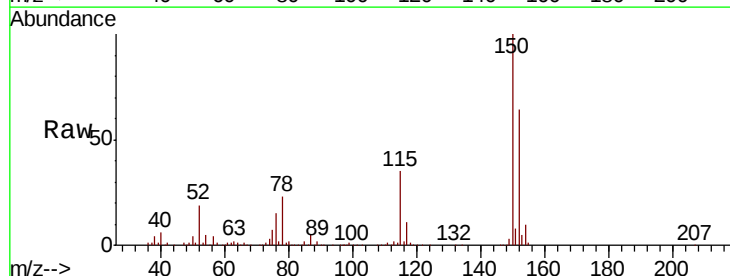
Instrument :
MSVOA_D
ClientSampleId :

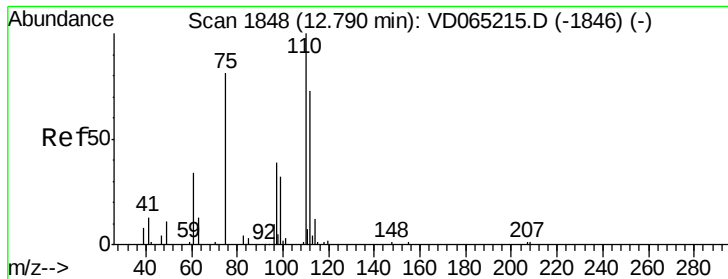
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.7	64.1
119	33.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065305.D
Acq: 25 Feb 2020 12:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.6	82.8
150	157.2	0.0	347.4





#76

1,2,3-Trichloropropane

Concen: 50.954 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065305.D

Acq: 25 Feb 2020 12:08

Instrument :

MSVOA_D

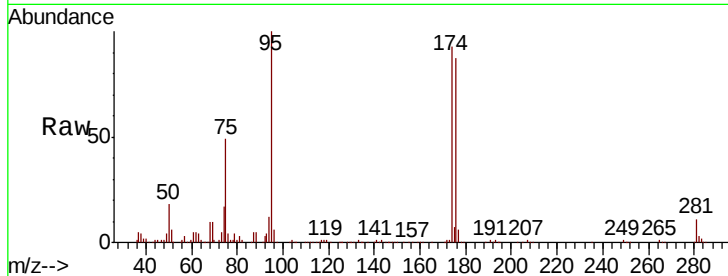
ClientSampleId :

Tot Ion: 75 Resp: 168615

Ion Ratio Lower Upper

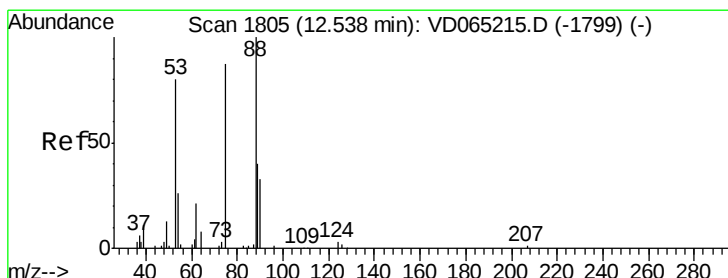
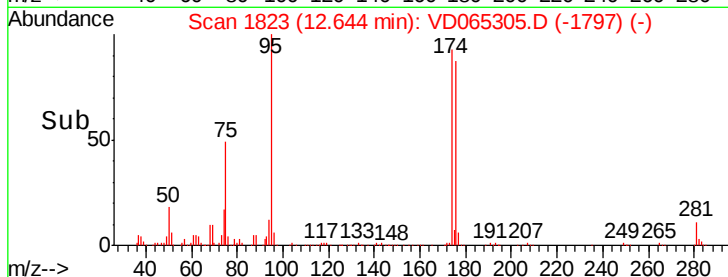
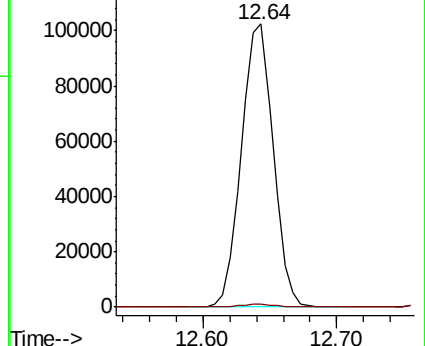
75 100

77 1.2 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: 110.018 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065305.D

Acq: 25 Feb 2020 12:08

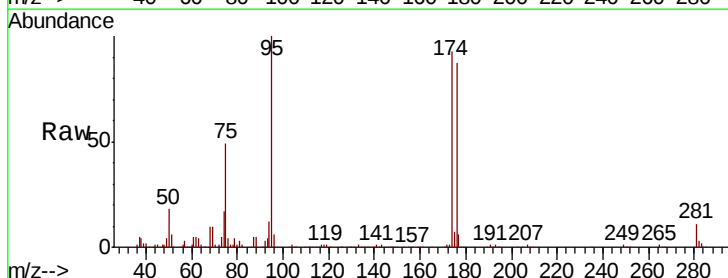
Tgt Ion: 75 Resp: 168615

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.1 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

