

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065568.D
 Acq On : 31 Mar 2020 16:15
 Operator : VA/SY
 Sample : L2067-02
 Misc : 8.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 05:55:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	540884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	990331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	948746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	418260	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	293776	65.25	ug/l	0.00
Spiked Amount			Recovery	=	130.50%	
35) Dibromofluoromethane	7.92	113	333989	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	
50) Toluene-d8	10.34	98	1212961	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.64	95	384206	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	

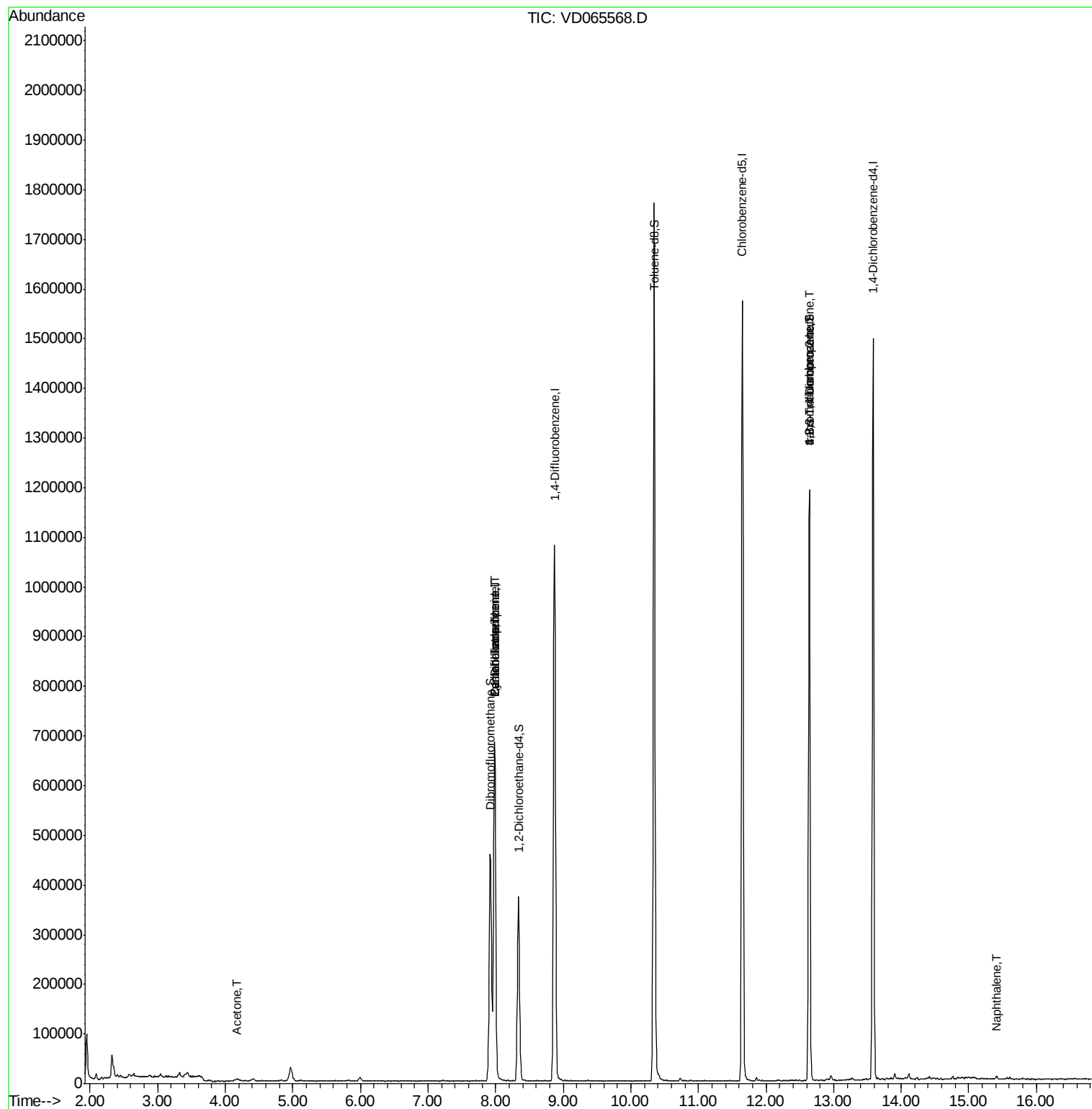
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	268	Below Cal	#	42
3) Chloromethane	2.21	50	523	Below Cal		96
5) Bromomethane	2.78	94	199	Below Cal	#	49
16) Acetone	4.17	43	6926	8.153	ug/l #	71
20) Methylene Chloride	4.97	84	20565	Below Cal		98
31) Cyclohexane	7.98	56	9649	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36814	4.069	ug/l #	47
38) Carbon Tetrachloride	7.98	117	50463	5.295	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	183156	56.958	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	183156	127.142	ug/l #	13
95) Naphthalene	15.41	128	6685	4.795	ug/l #	94

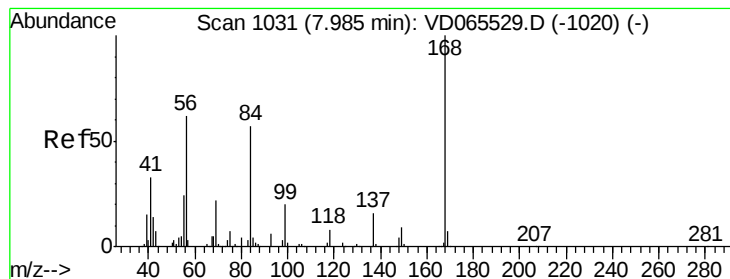
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD033120\
Data File : VD065568.D
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Operator : VA/SY
Sample : L2067-02
Misc : 8.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Apr 01 05:55:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Instrument :

MSVOA_D

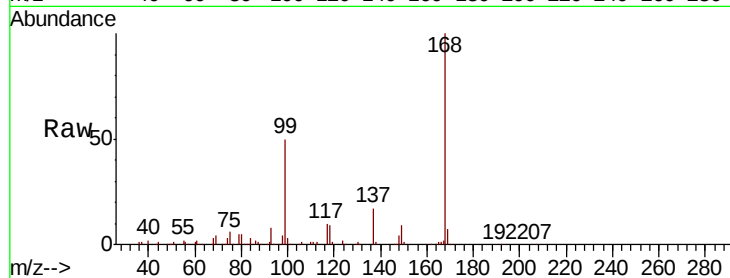
ClientSampleId :

Tot Ion:168 Resp: 540884

Ion Ratio Lower Upper

168 100

99 50.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

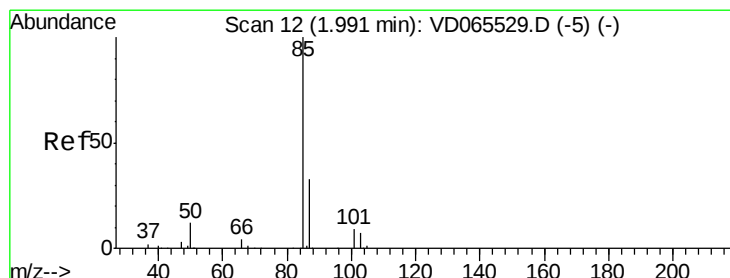
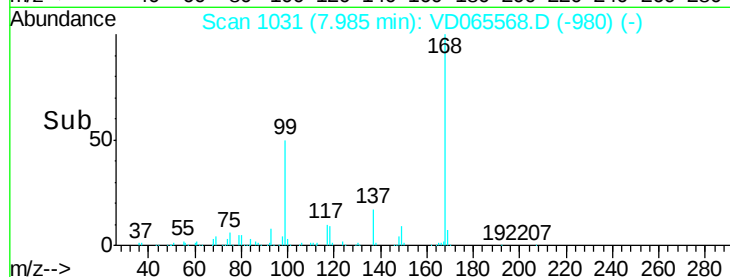
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065568.D

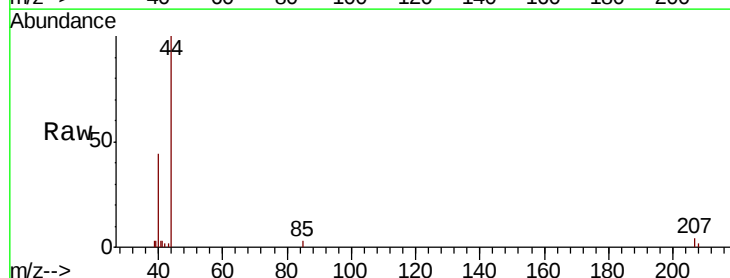
Acq: 31 Mar 2020 16:15

Tgt Ion: 85 Resp: 268

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.2#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

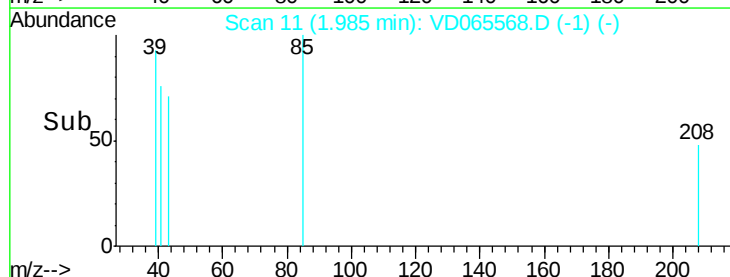
300

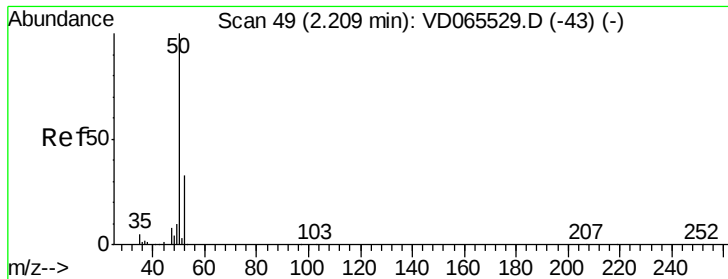
200

100

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

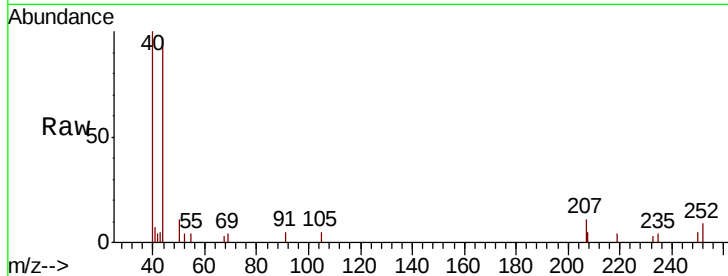
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 523

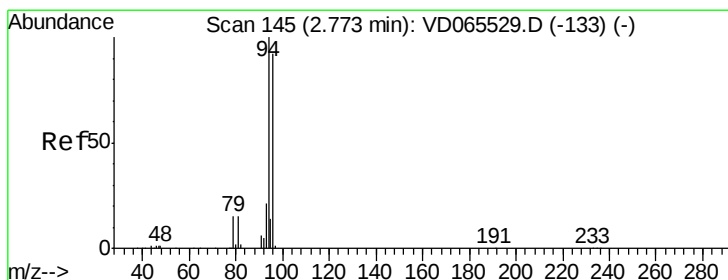
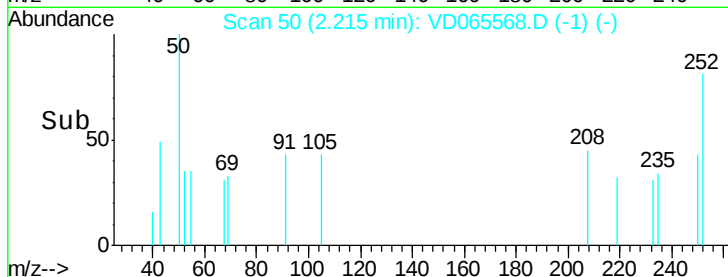
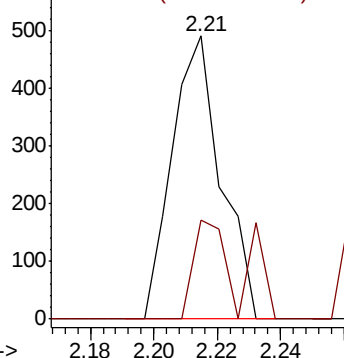
Ion Ratio Lower Upper

50 100

52 34.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065568.D

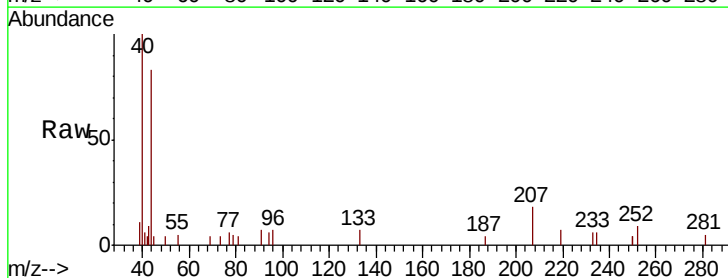
Acq: 31 Mar 2020 16:15

Tgt Ion: 94 Resp: 199

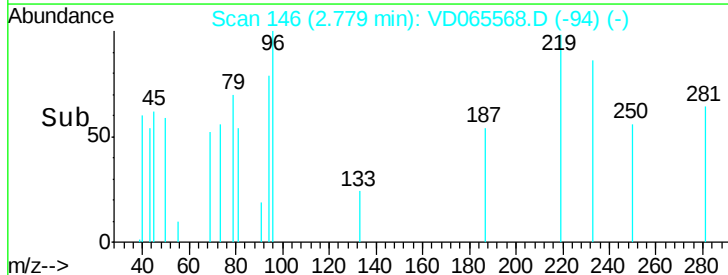
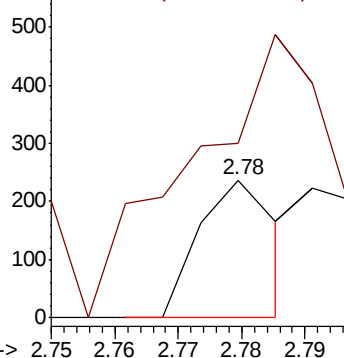
Ion Ratio Lower Upper

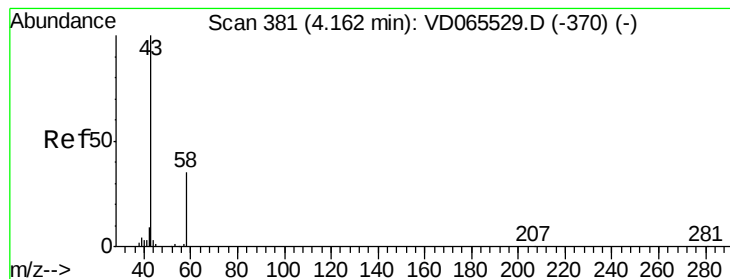
94 100

96 43.5 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 8.153 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

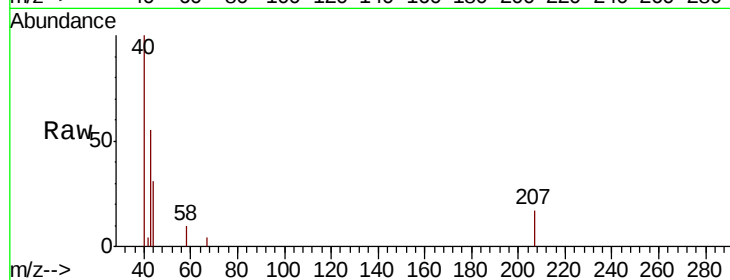
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 6926

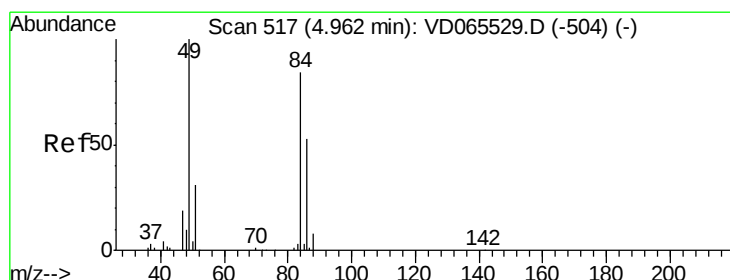
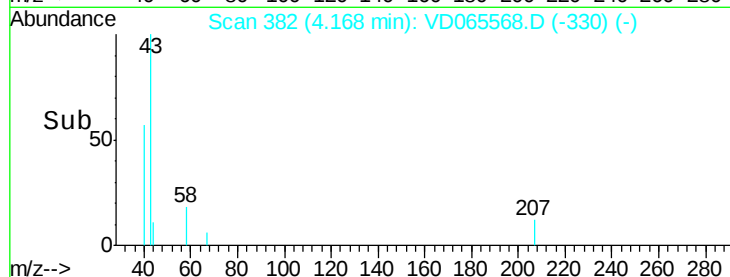
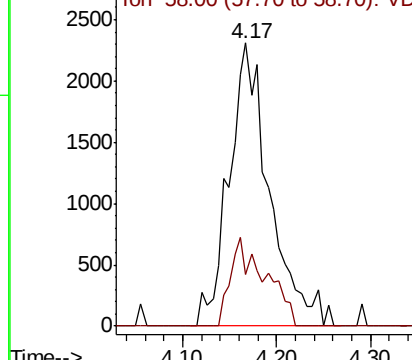
Ion Ratio Lower Upper

43 100

58 18.3 27.9 41.9#



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: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Tgt Ion: 84 Resp: 20565

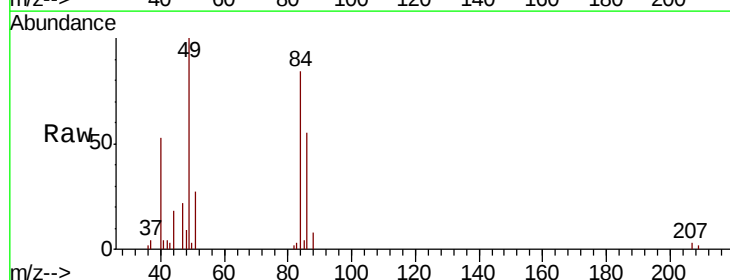
Ion Ratio Lower Upper

84 100

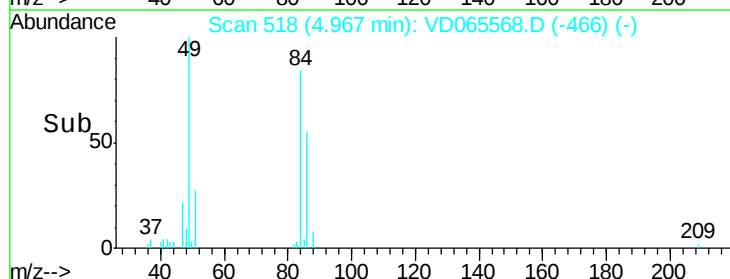
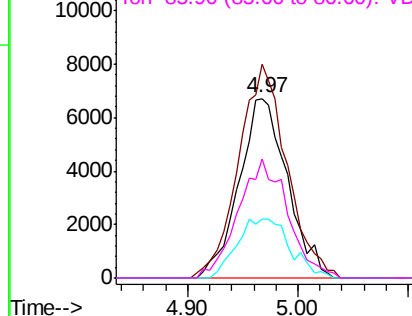
49 118.9 95.6 143.4

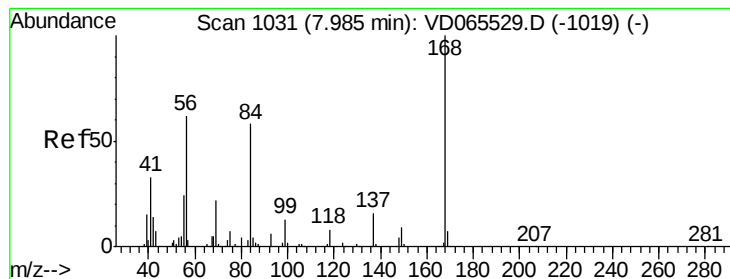
51 32.5 29.4 44.2

86 66.0 50.6 76.0



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: 1.140 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Instrument :

MSVOA_D

ClientSampled :

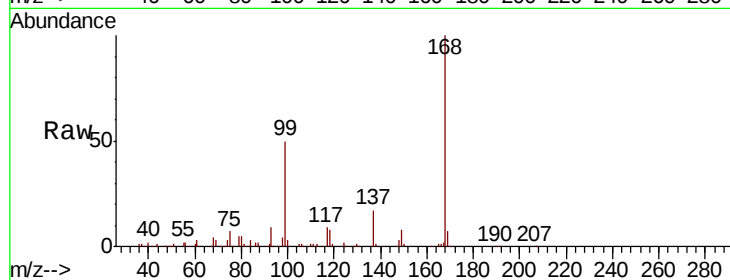
Tot Ion: 56 Resp: 9649

Ion Ratio Lower Upper

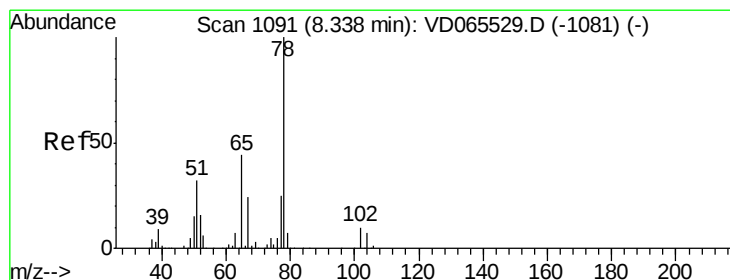
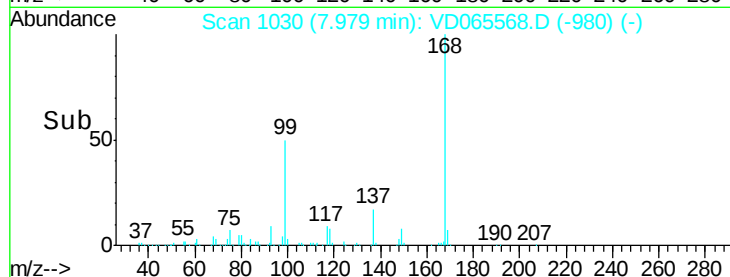
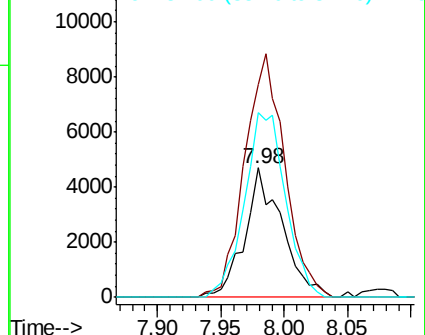
56 100

69 164.9 28.2 42.4#

84 142.8 73.4 110.0#



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: 65.248 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065568.D

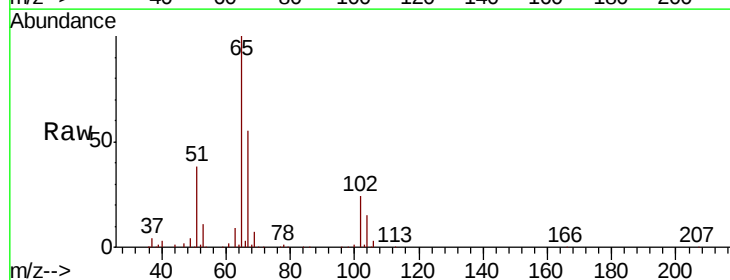
Acq: 31 Mar 2020 16:15

Tgt Ion: 65 Resp: 293776

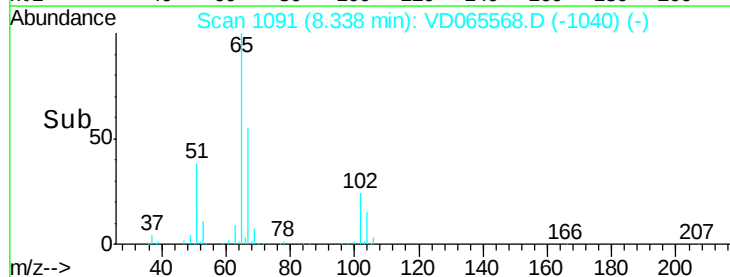
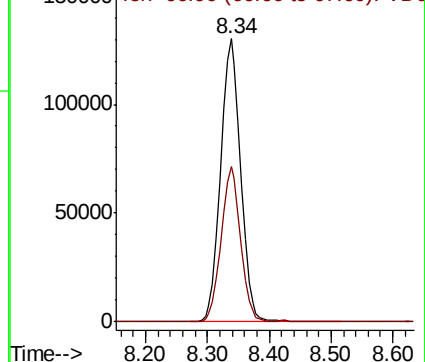
Ion Ratio Lower Upper

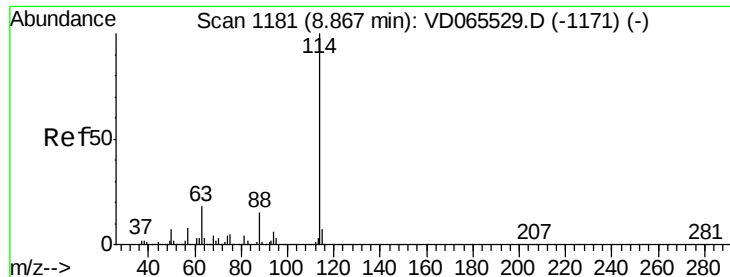
65 100

67 52.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

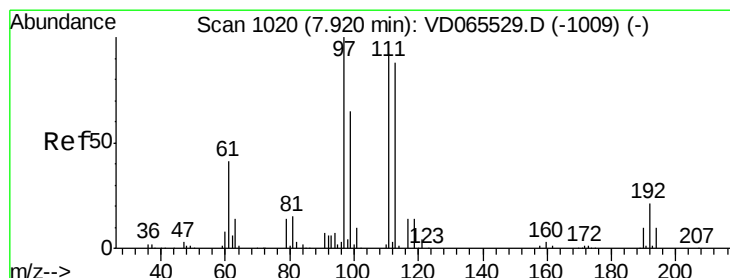
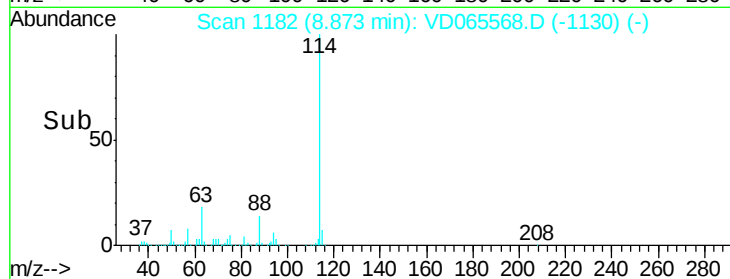
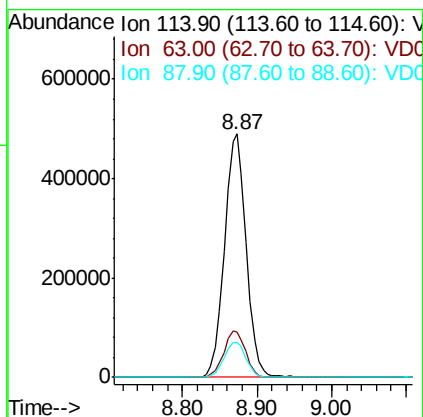
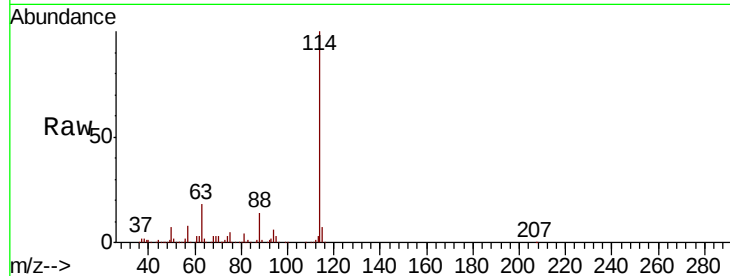




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

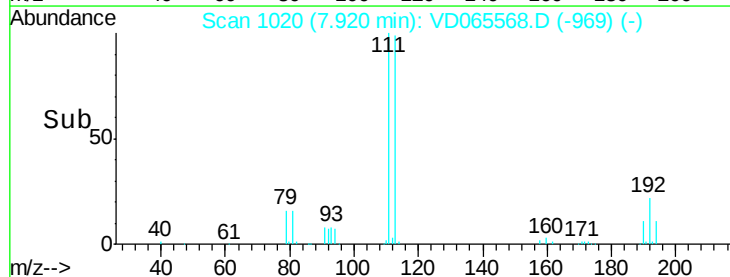
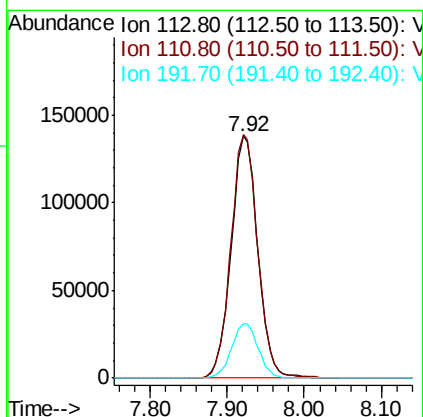
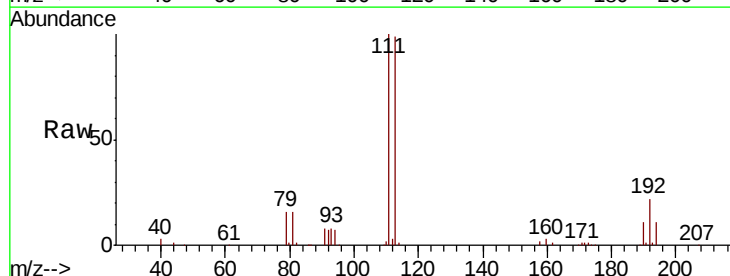
Instrument :
 MSVOA_D
 ClientSampleId :

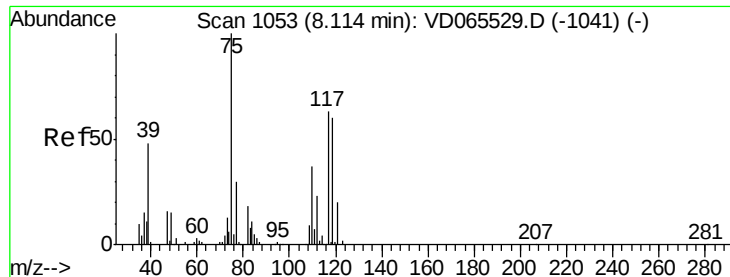
Tot Ion:114 Resp: 990331
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 14.5 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 54.638 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

Tgt Ion:113 Resp: 333989
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.3 124.9
 192 22.6 18.5 27.7

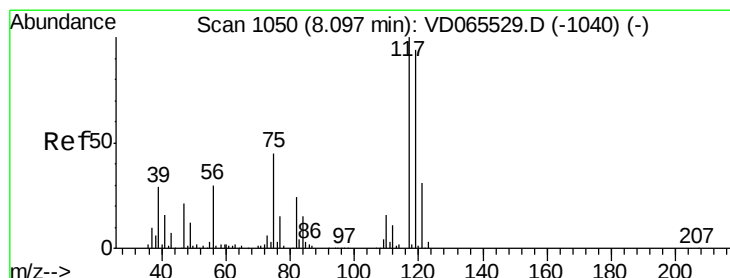
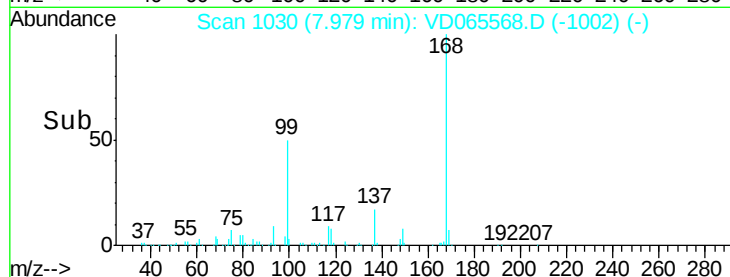
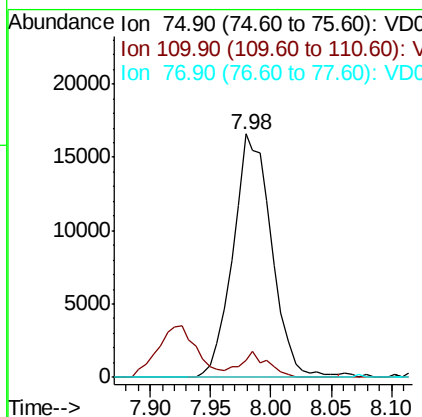
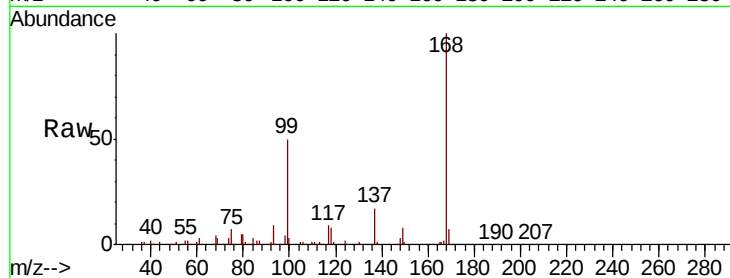




#36
 1,1-Dichloropropene
 Concen: 4.069 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

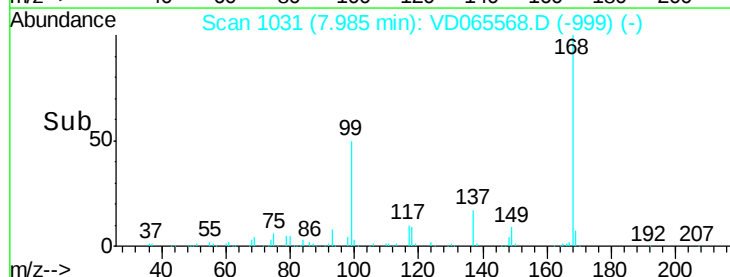
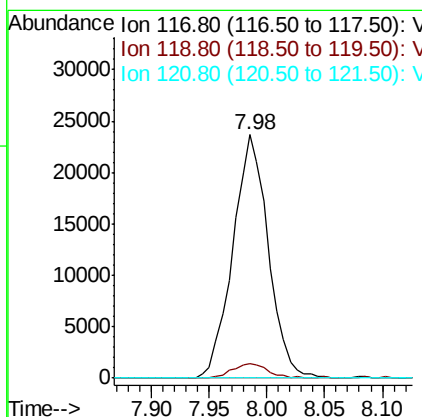
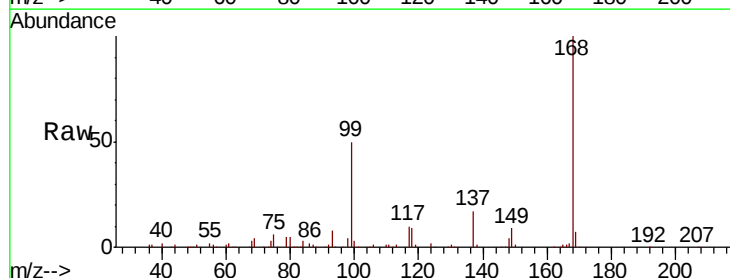
Instrument :
 MSVOA_D
 ClientSampleId :

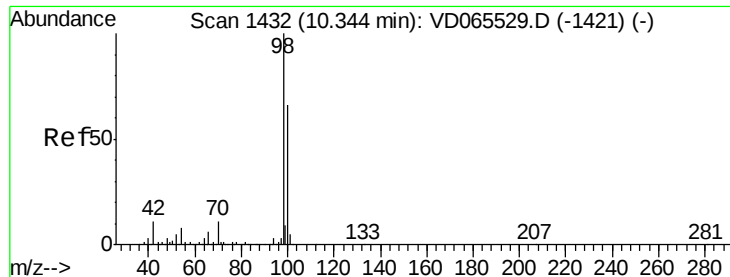
Tot Ion	75	Resp	36814
Ion Ratio	Lower	Upper	
75	100		
110	7.4	18.8	56.4#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.295 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

Tgt Ion	117	Resp	50463
Ion Ratio	Lower	Upper	
117	100		
119	5.8	75.2	112.8#
121	0.0	24.5	36.7#

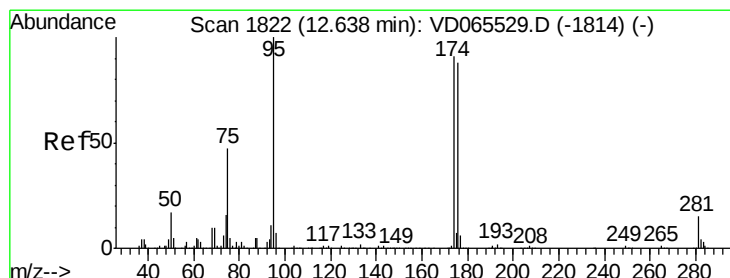
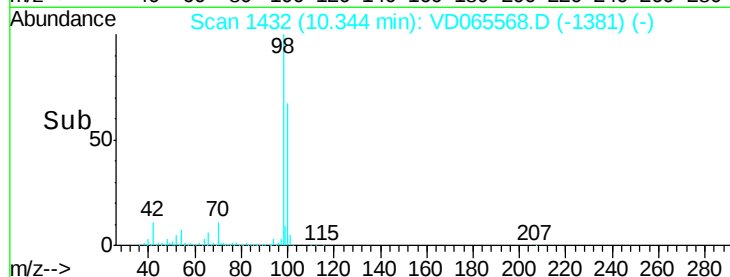
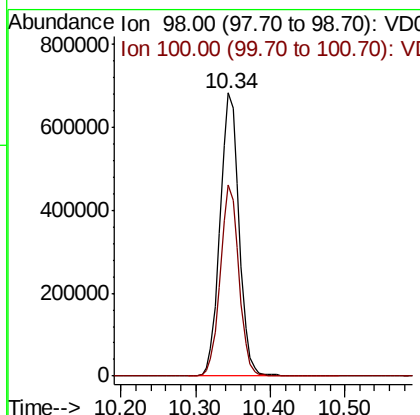
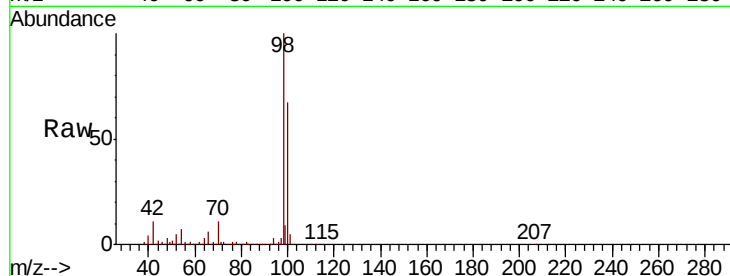




#50
Toluene-d8
Concen: 52.854 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065568.D
Acq: 31 Mar 2020 16:15

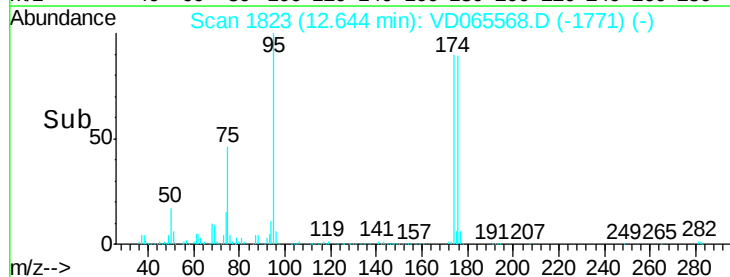
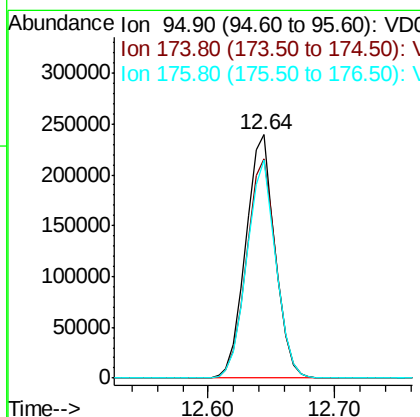
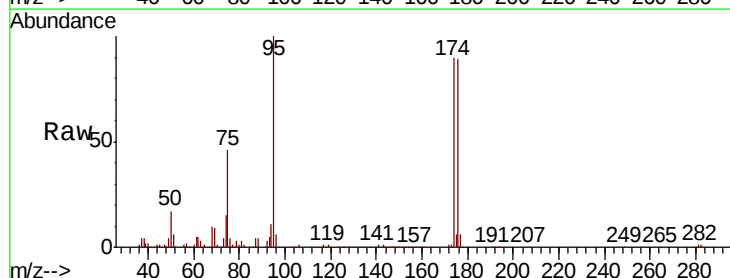
Instrument :
MSVOA_D
ClientSampleId :

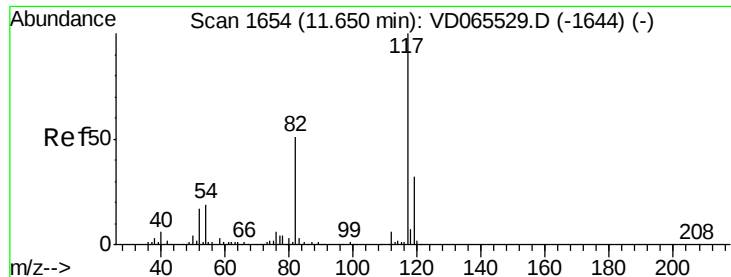
Tot Ion: 98 Resp: 1212961
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.748 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065568.D
Acq: 31 Mar 2020 16:15

Tgt Ion: 95 Resp: 384206
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.8
176 89.1 0.0 178.2

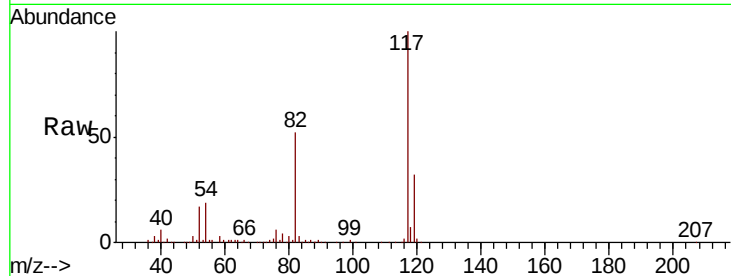




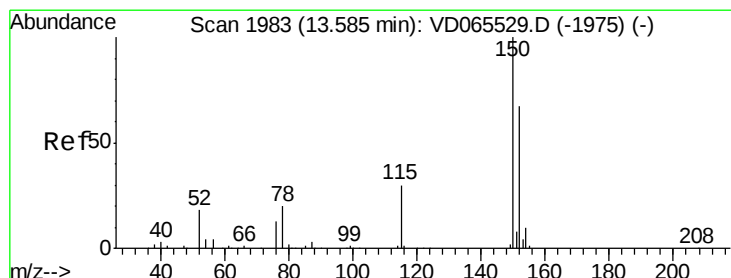
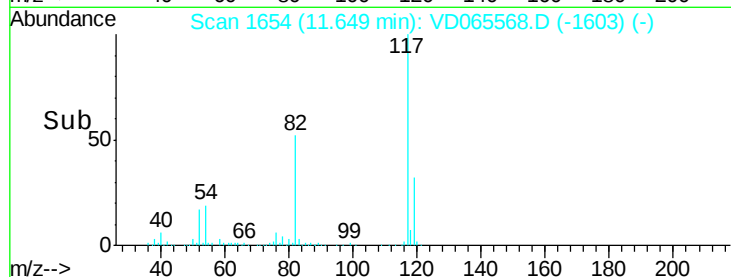
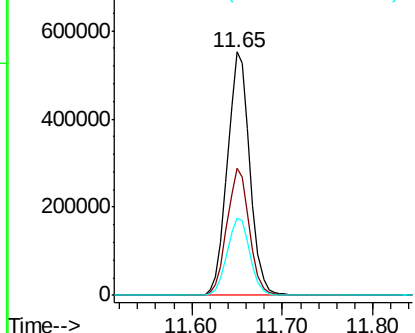
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065568.D
Acq: 31 Mar 2020 16:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 948746
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 31.7 25.5 38.3

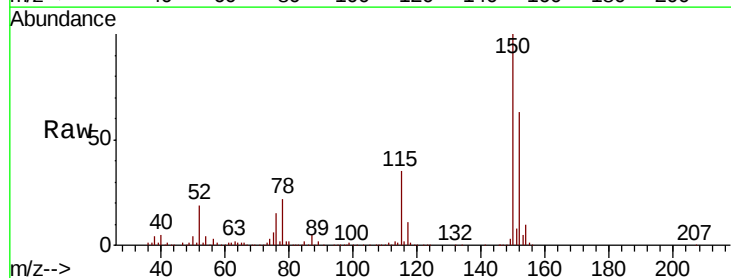


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

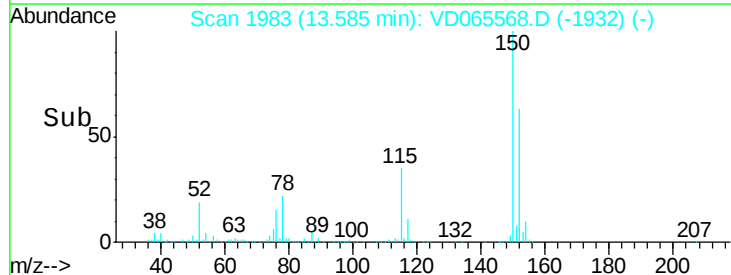
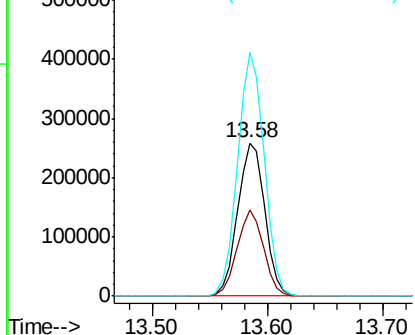


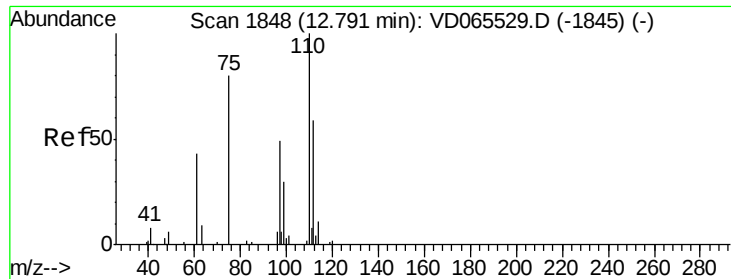
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065568.D
Acq: 31 Mar 2020 16:15

Tgt Ion:152 Resp: 418260
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.6
150 156.9 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

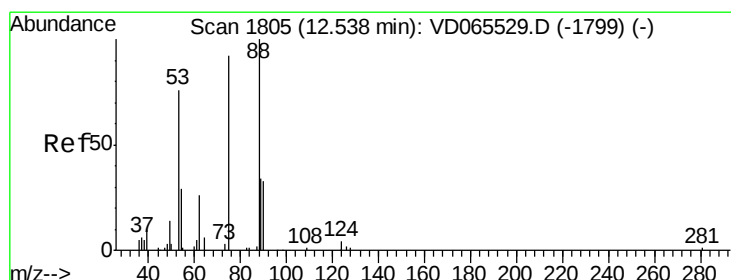
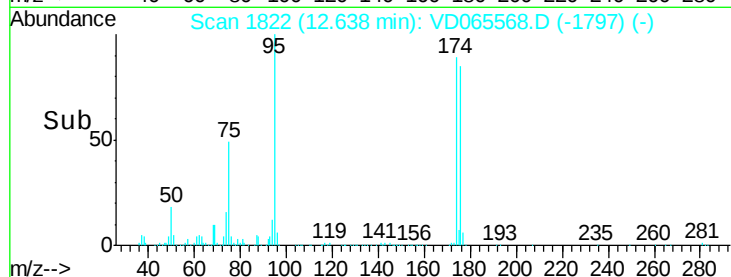
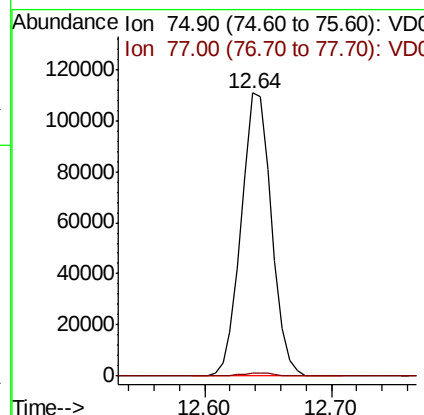
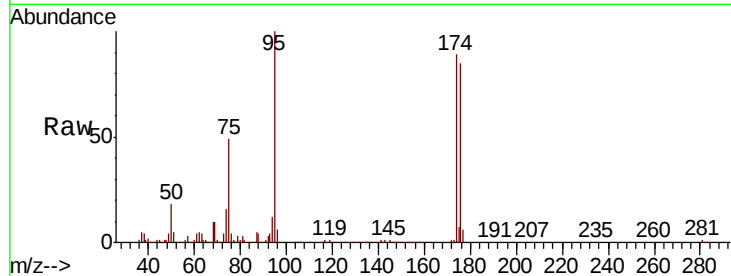




#76
 1,2,3-Trichloropropane
 Concen: 56.958 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

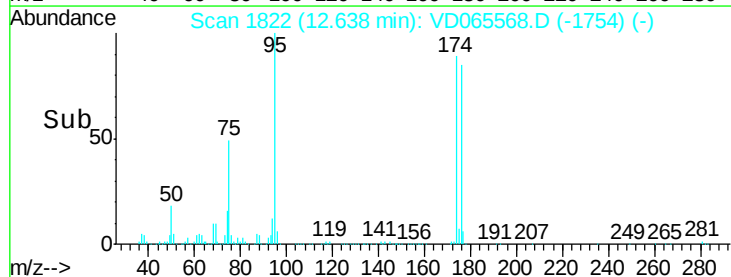
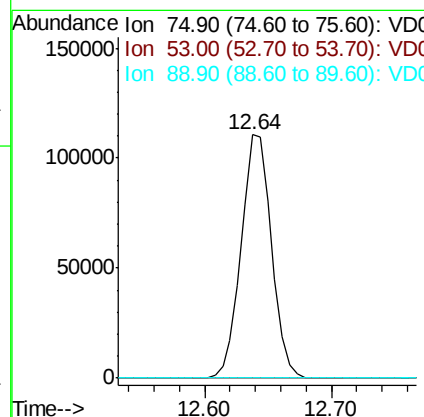
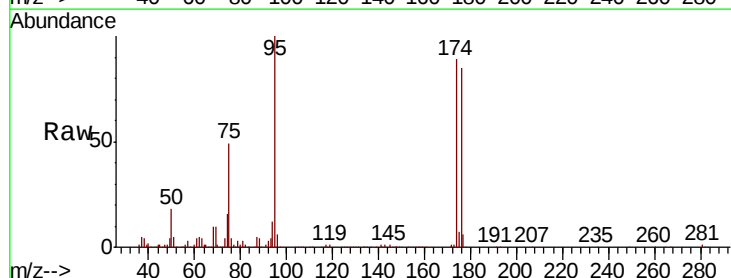
Instrument :
 MSVOA_D
 ClientSampleId :

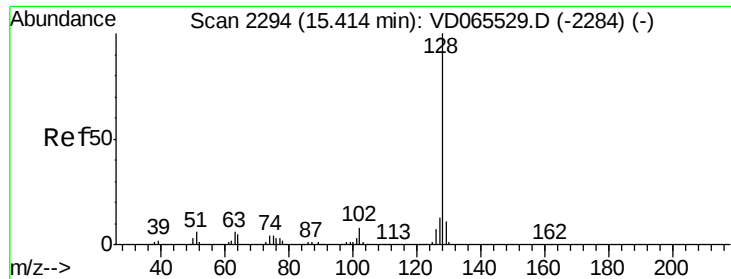
Tot Ion: 75 Resp: 183156
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.142 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

Tgt Ion: 75 Resp: 183156
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 36.9 55.3#

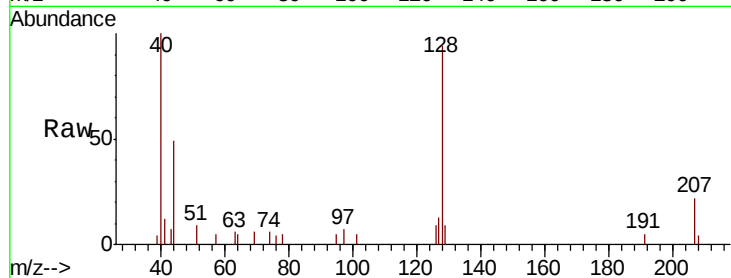




#95
 Naphthalene
 Concen: 4.795 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.4	15.6#
129	9.2	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

