

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065396.D
 Acq On : 03 Mar 2020 16:02
 Operator : VA/SY
 Sample : L1774-03
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:53:24 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

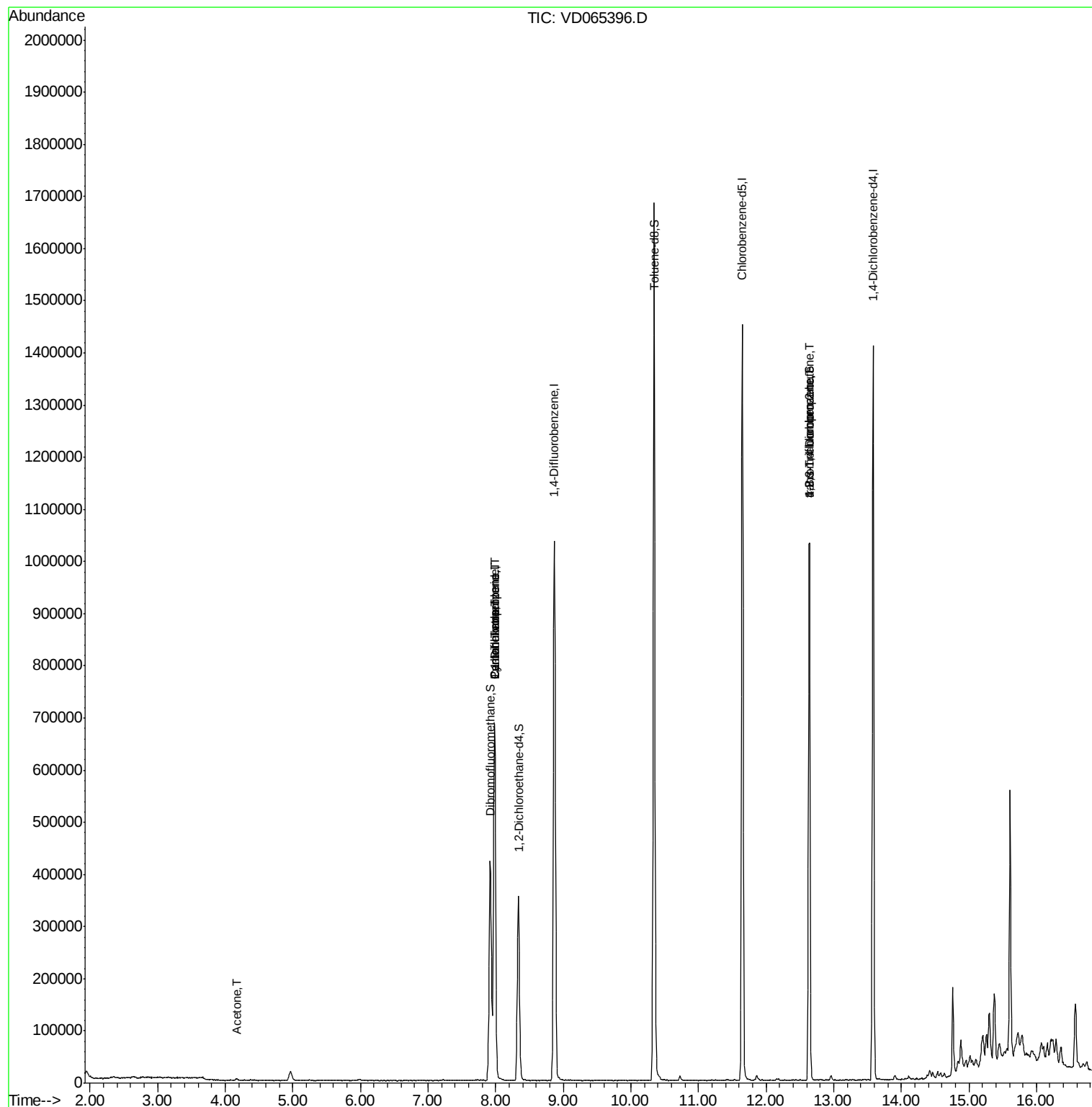
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	538289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	922292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	847935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	283952	58.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.28%	
35) Dibromofluoromethane	7.92	113	299495	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	10.34	98	1119072	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.64	95	342623	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3024	2.555	ug/l	99
20) Methylene Chloride	4.97	84	13528	Below Cal	#	77
31) Cyclohexane	7.99	56	10114	1.062	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36600	4.078	ug/l #	48
38) Carbon Tetrachloride	7.98	117	51086	5.592	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	163246	50.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	163246	108.655	ug/l #	11

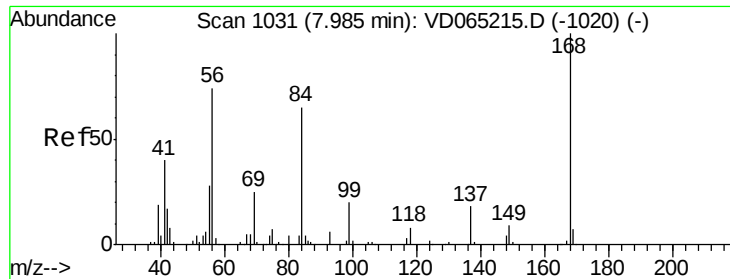
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 03:26:54 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065396.D

Acq: 03 Mar 2020 16:02

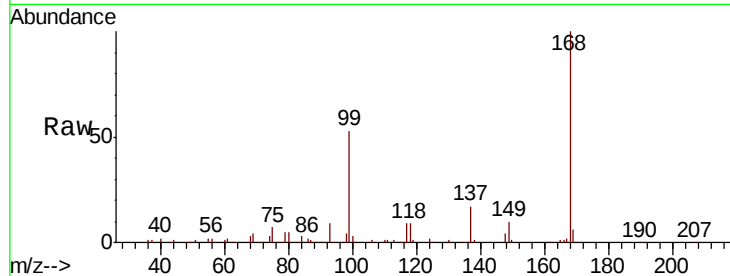
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 538289

Ion Ratio Lower Upper

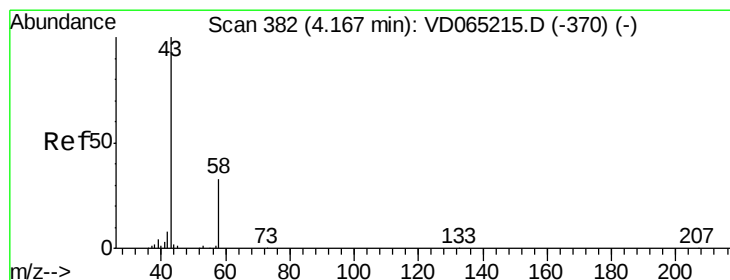
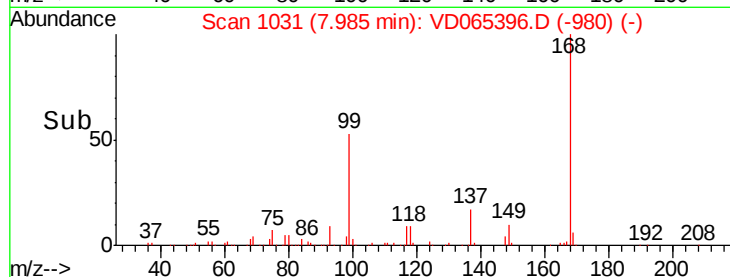
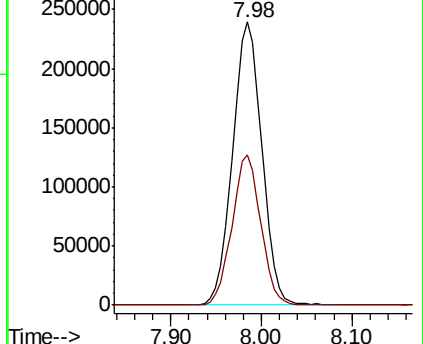
168 100

99 53.0 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.555 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065396.D

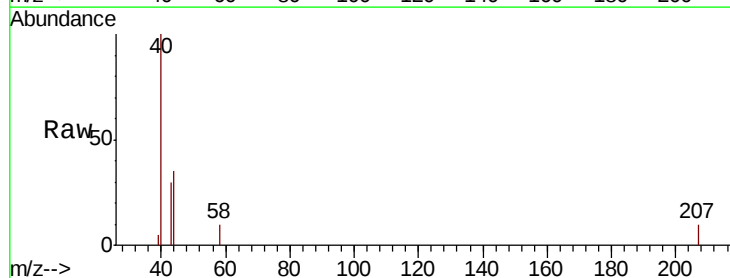
Acq: 03 Mar 2020 16:02

Tgt Ion: 43 Resp: 3024

Ion Ratio Lower Upper

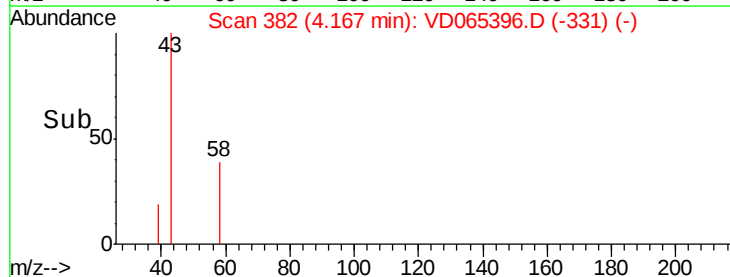
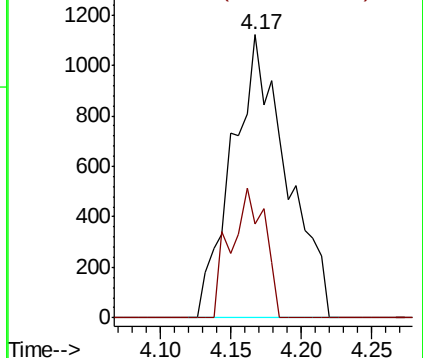
43 100

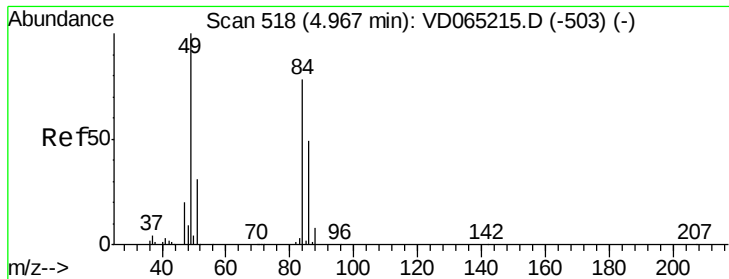
58 33.4 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

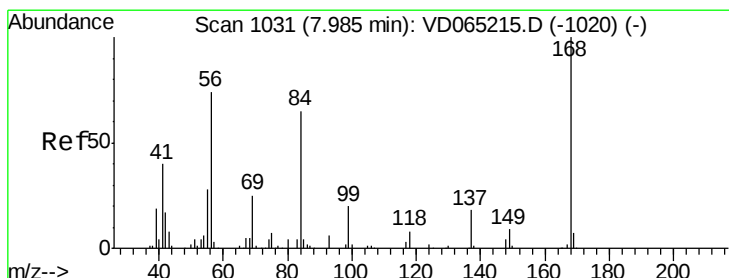
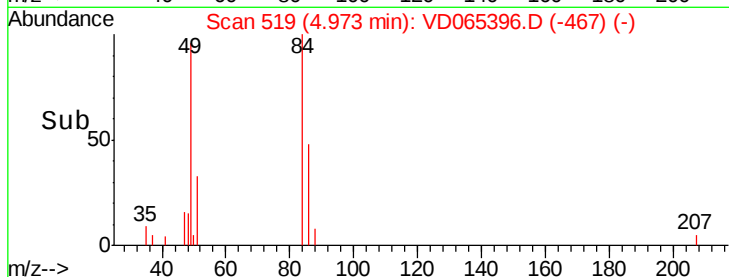
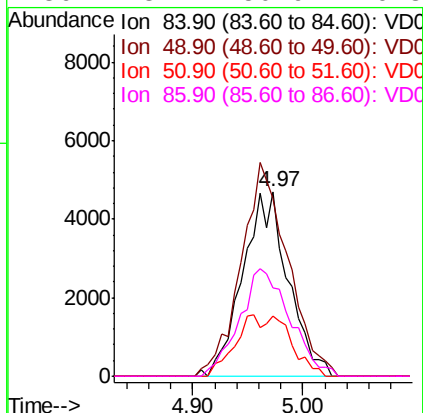
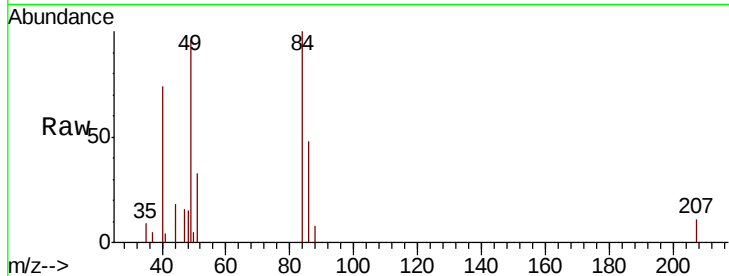




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

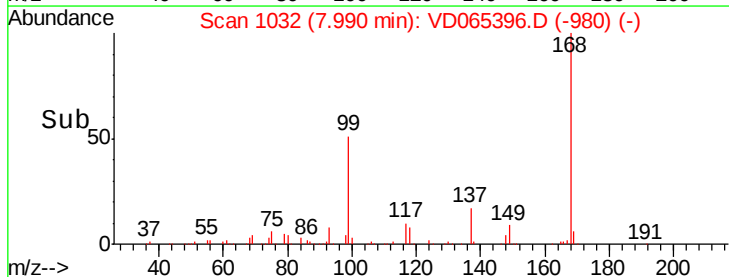
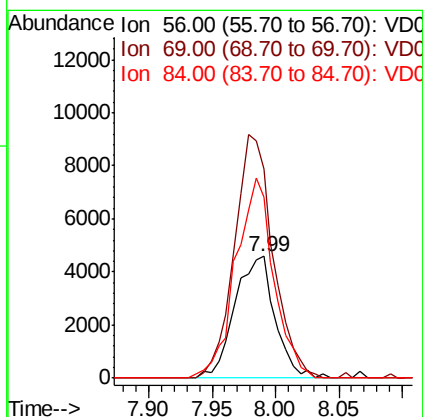
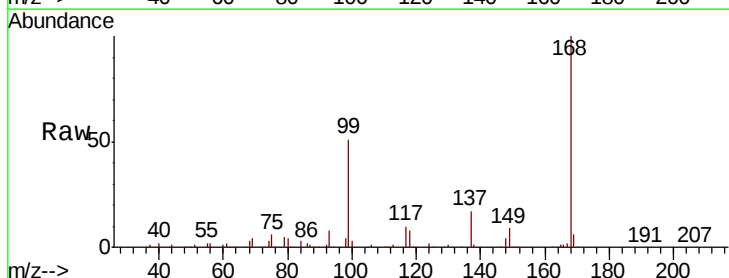
Instrument :
MSVOA_D
ClientSampleId :

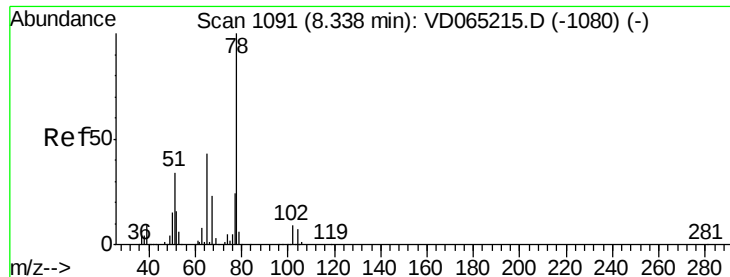
Tot Ion: 84 Resp: 13528
Ion Ratio Lower Upper
84 100
49 96.2 103.1 154.7#
51 32.6 31.7 47.5
86 48.2 50.9 76.3#



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Tgt Ion: 56 Resp: 10114
Ion Ratio Lower Upper
56 100
69 171.5 27.4 41.0#
84 148.2 71.1 106.7#

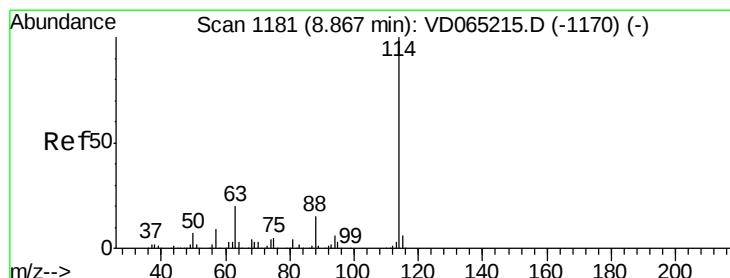
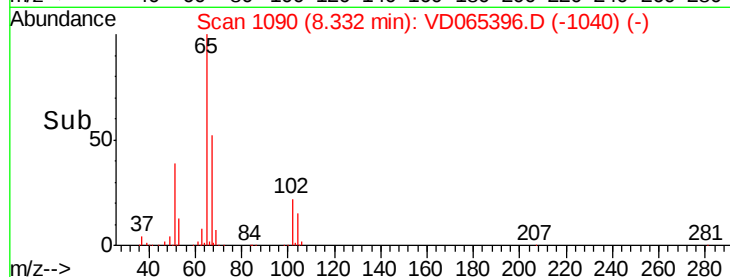
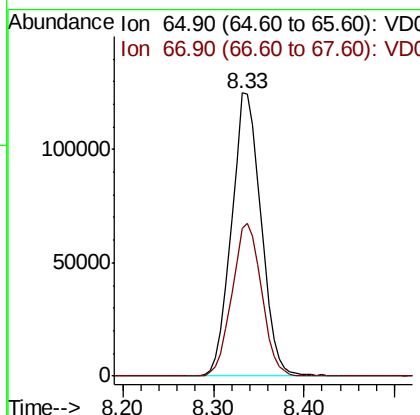
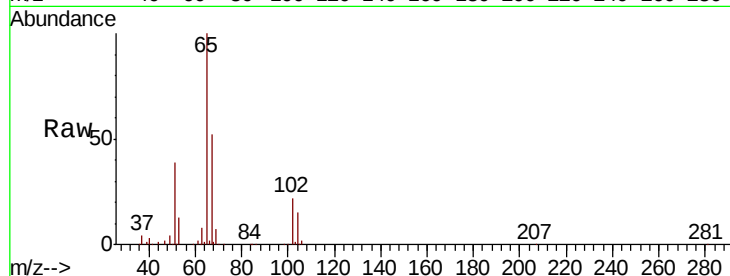




#33
 1,2-Dichloroethane-d4
 Concen: 58.637 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065396.D
 Acq: 03 Mar 2020 16:02

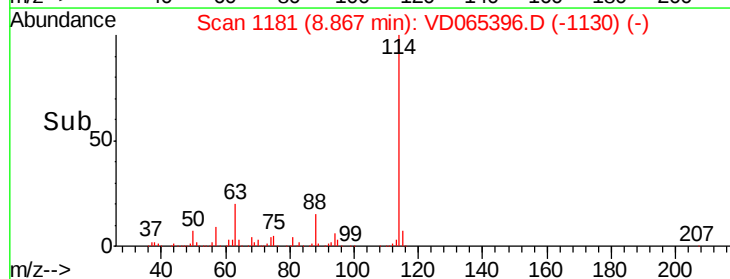
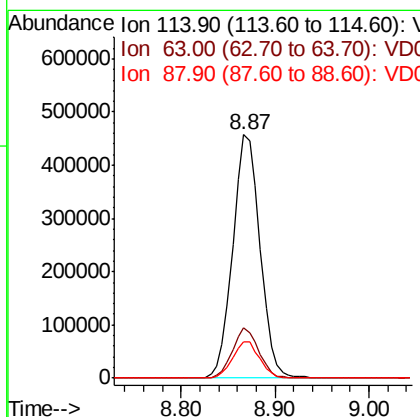
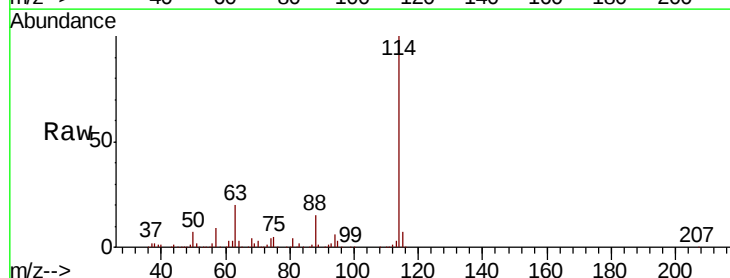
Instrument :
 MSVOA_D
 ClientSampleId :

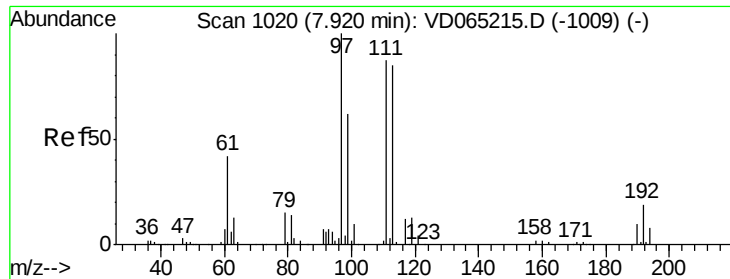
Tot Ion: 65 Resp: 283952
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065396.D
 Acq: 03 Mar 2020 16:02

Tgt Ion: 114 Resp: 922292
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 15.0 0.0 30.4

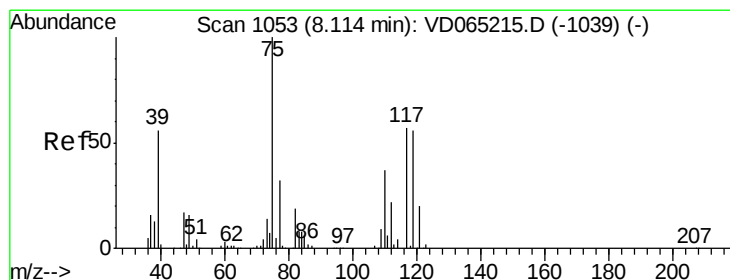
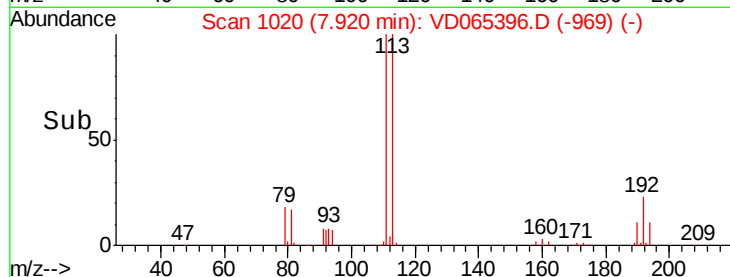
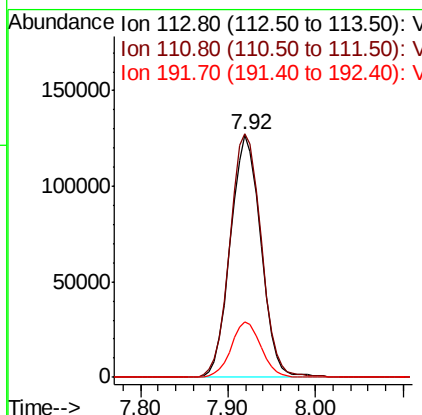
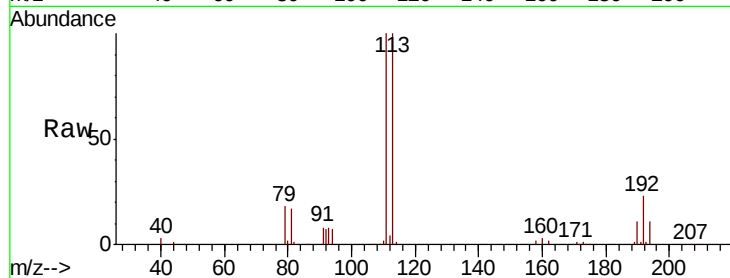




#35
 Dibromofluoromethane
 Concen: 53.257 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065396.D
 Acq: 03 Mar 2020 16:02

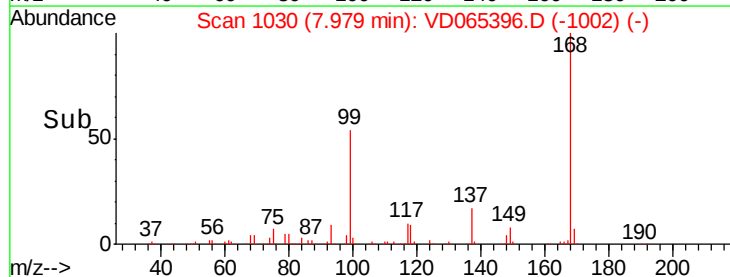
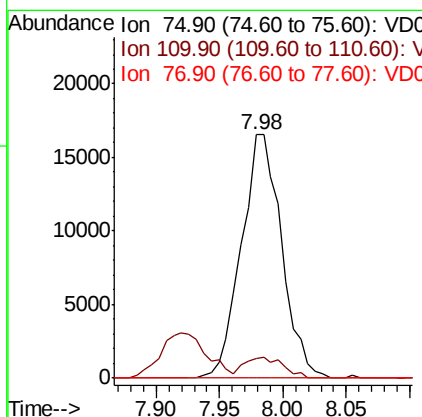
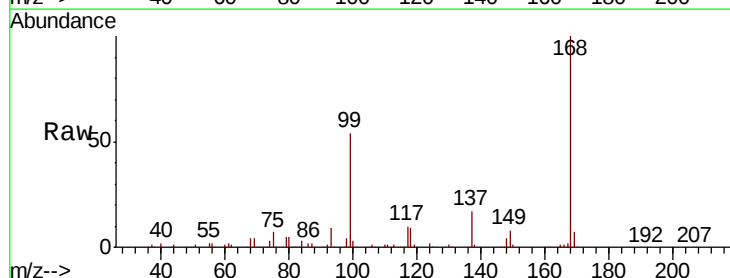
Instrument :
 MSVOA_D
 ClientSampleId :

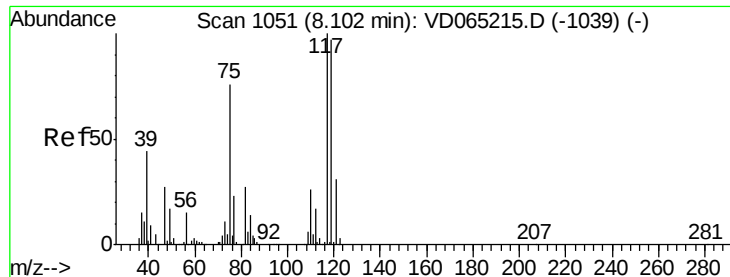
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	22.5	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.078 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065396.D
 Acq: 03 Mar 2020 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.9	53.7#
77	0.0	25.1	37.7#

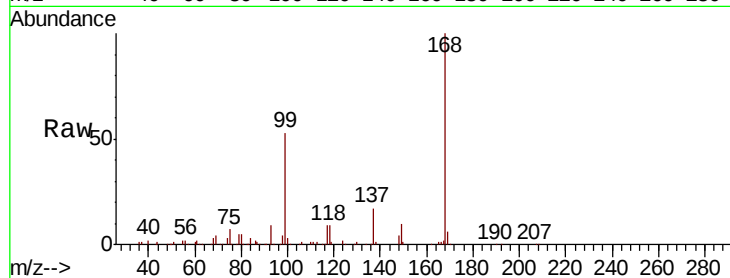




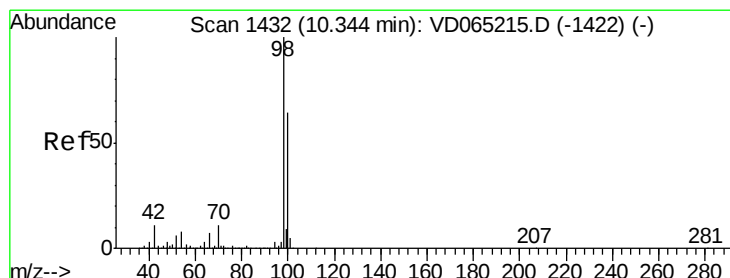
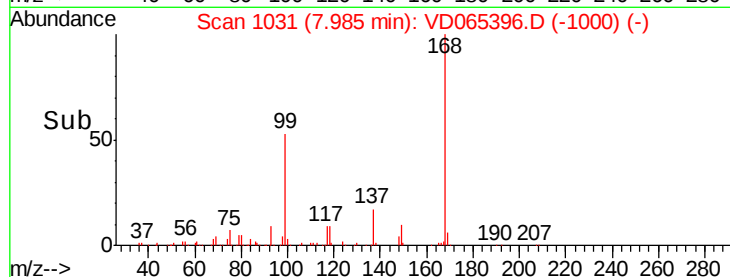
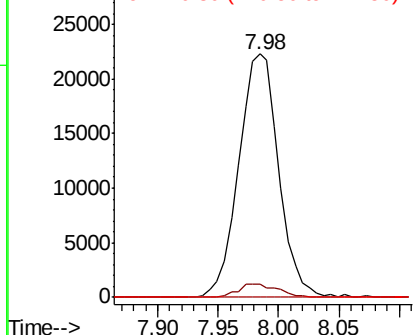
#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 51086
Ion Ratio Lower Upper
117 100
119 5.7 77.6 116.4#
121 0.0 24.8 37.2#

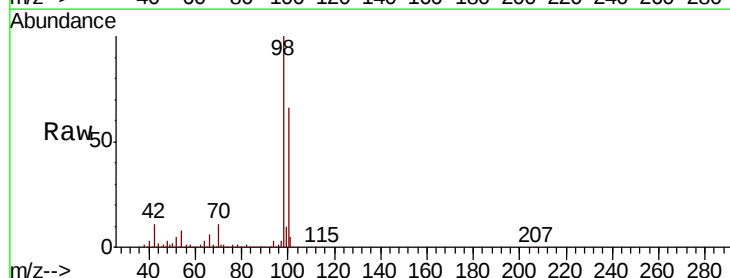


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

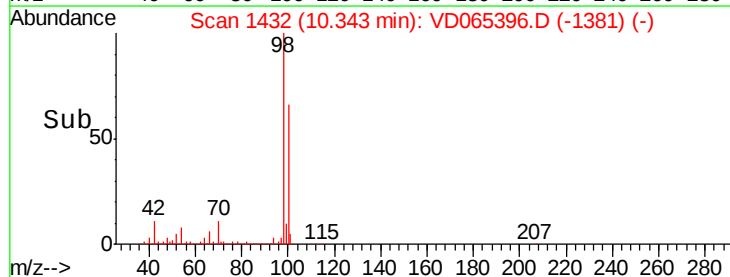
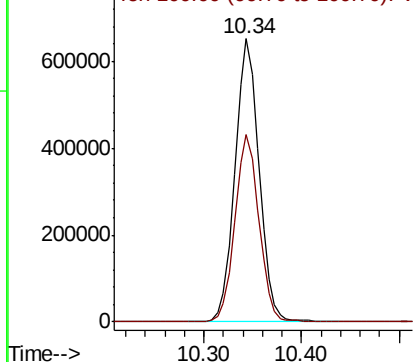


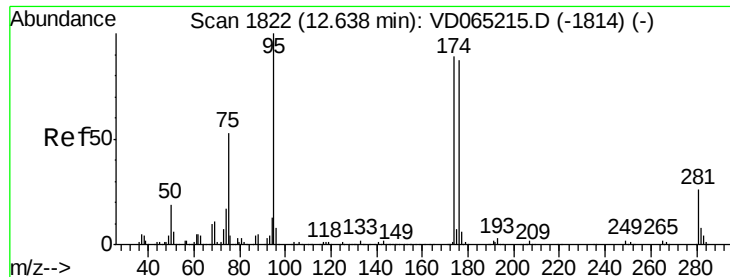
#50
Toluene-d8
Concen: 52.054 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Tgt Ion: 98 Resp: 1119072
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

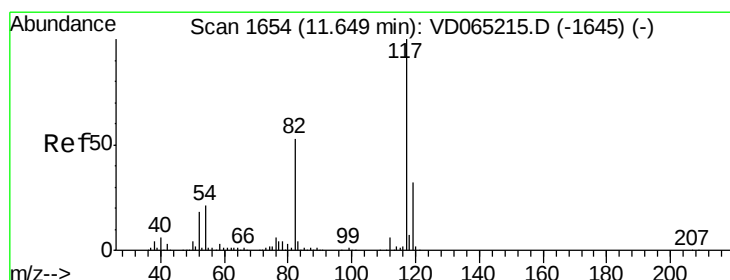
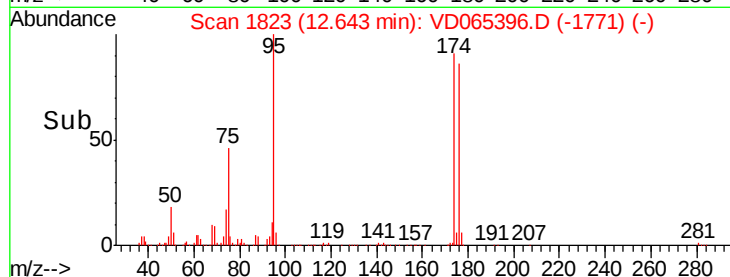
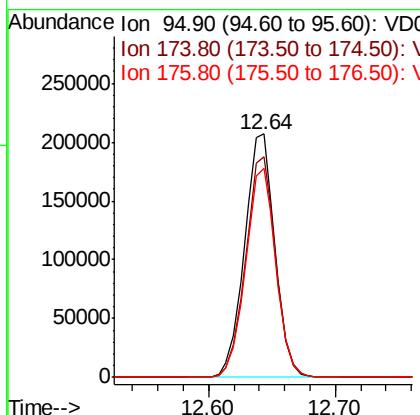
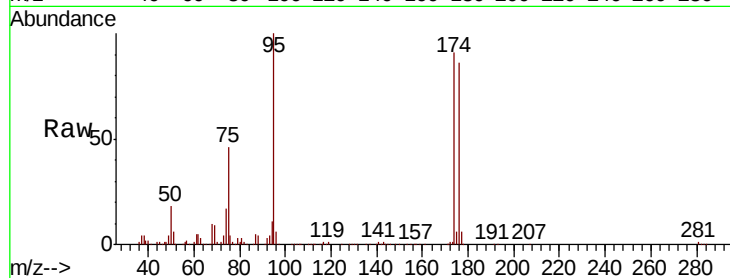




#62
4-Bromofluorobenzene
Concen: 50.308 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

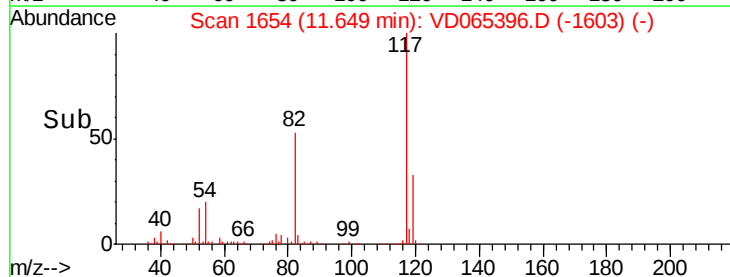
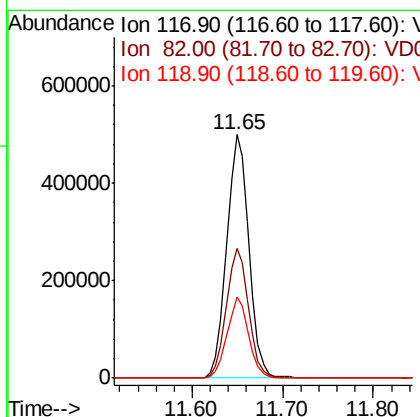
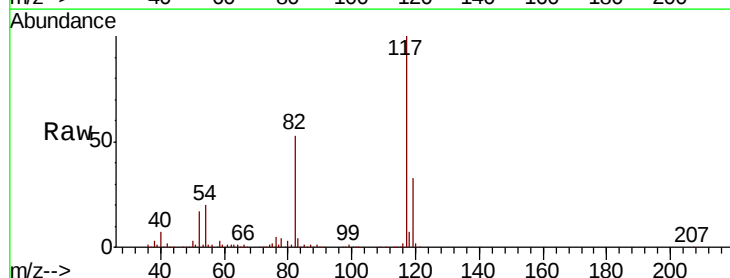
Instrument :
MSVOA_D
ClientSampleId :

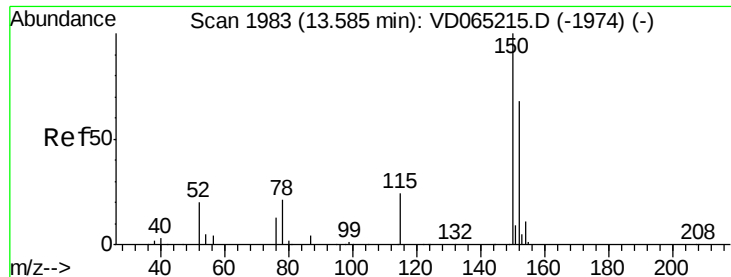
Tot Ion: 95 Resp: 342623
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.0
176 85.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Tgt Ion: 117 Resp: 847935
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 33.2 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: VD065396.D

Acq: 03 Mar 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

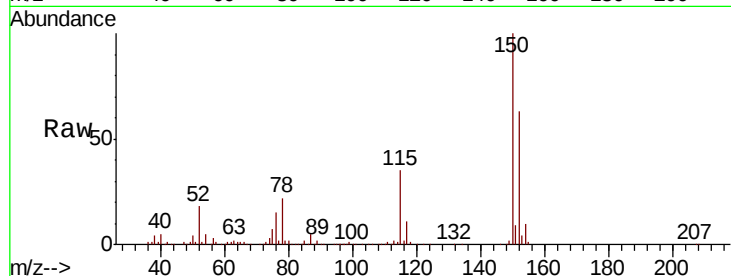
Tot Ion:152 Resp: 381276

Ion Ratio Lower Upper

152 100

115 54.8 27.6 82.8

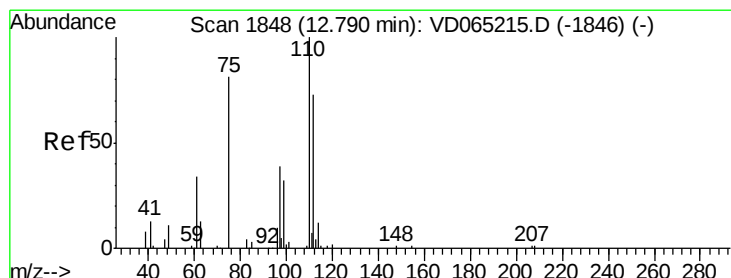
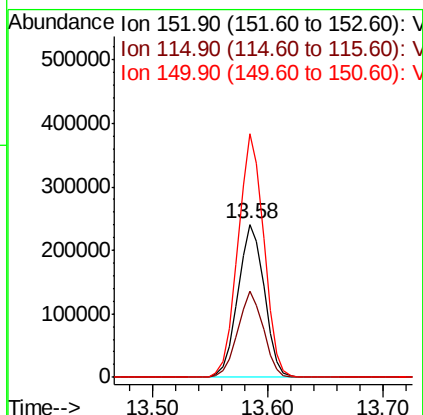
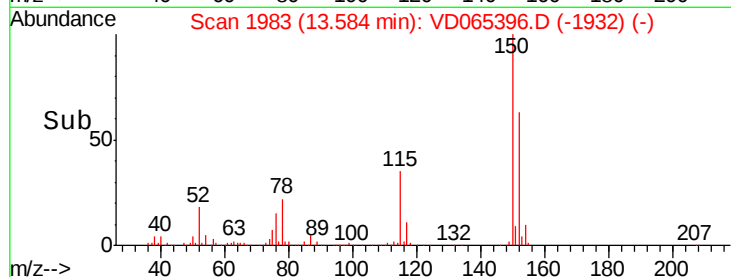
150 156.4 0.0 347.4



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: 50.322 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065396.D

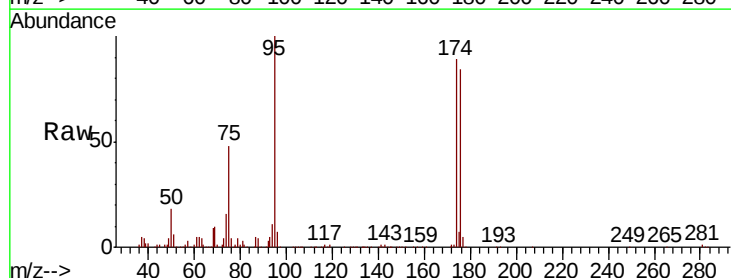
Acq: 03 Mar 2020 16:02

Tgt Ion: 75 Resp: 163246

Ion Ratio Lower Upper

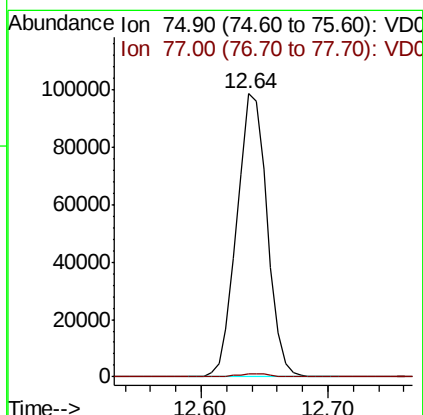
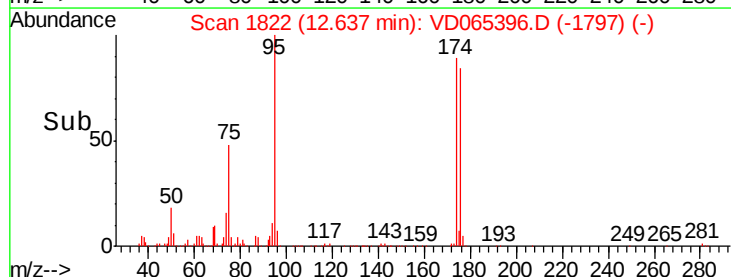
75 100

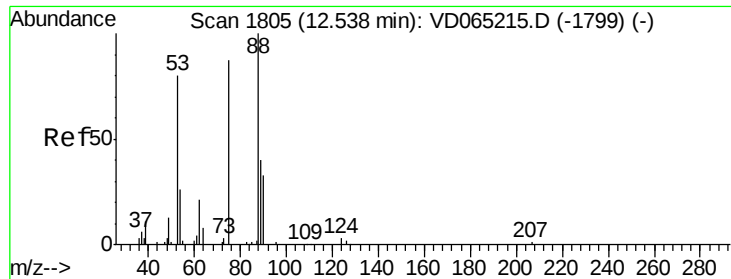
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.655 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065396.D

Acq: 03 Mar 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

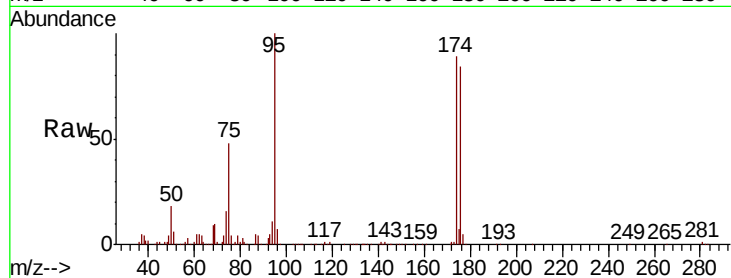
Tot Ion: 75 Resp: 163246

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

