

Data File : VD065469.D
Acq On : 10 Mar 2020 18:22
Operator : VA/SY
Sample : L1873-01RE
Misc : 6.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Quant Time: Mar 11 01:58:12 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	519230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	898910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	854678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	394233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	270167	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
35) Dibromofluoromethane	7.92	113	294219	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.34	98	1113640	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.64	95	339392	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds

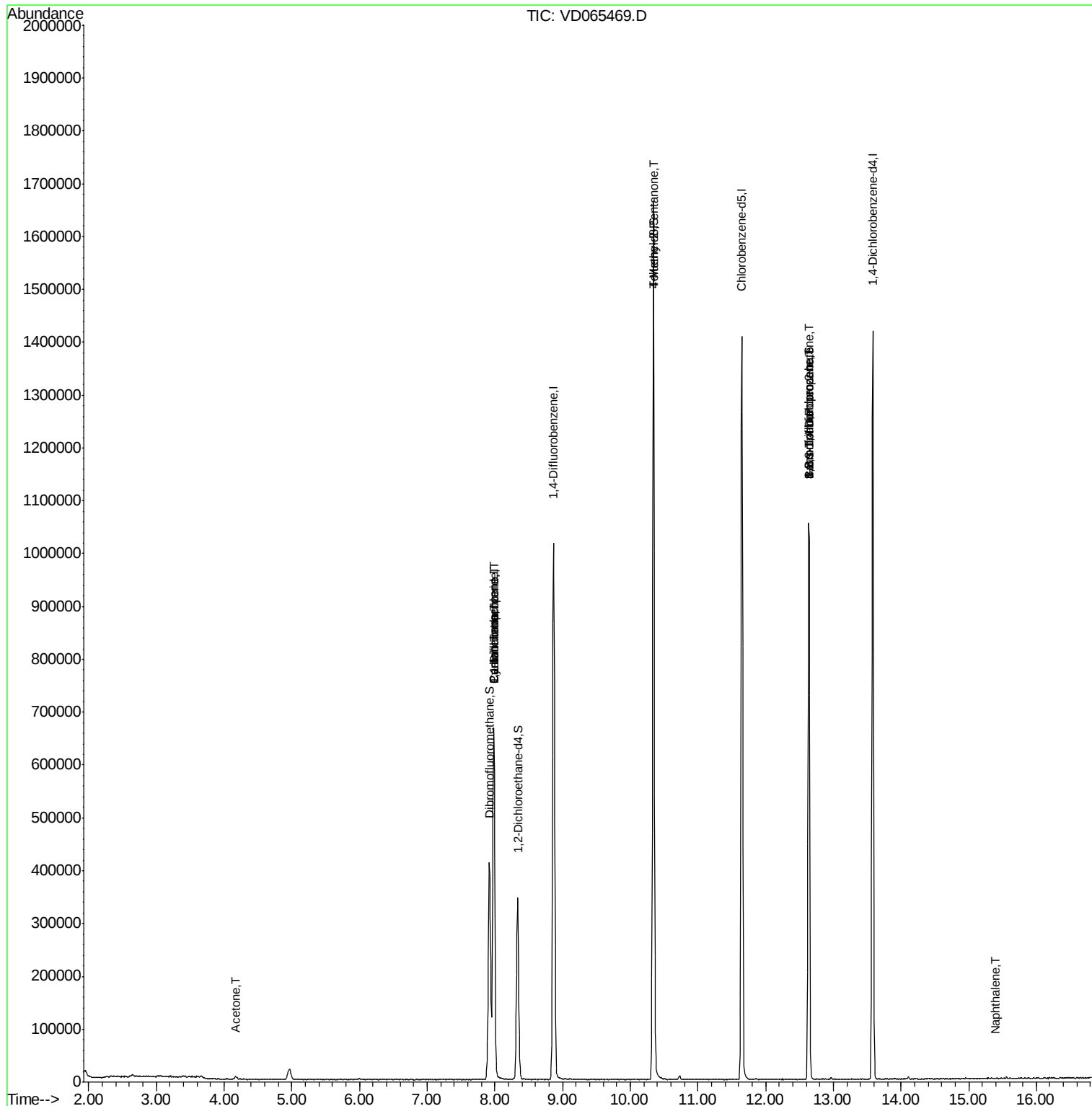
						Qvalue
5) Bromomethane	2.78	94	318	Below Cal		98
16) Acetone	4.17	43	9145	10.152	ug/l	91
31) Cyclohexane	7.98	56	9695	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	37522	4.355	ug/l #	49
38) Carbon Tetrachloride	7.98	117	47730	5.342	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	4330	1.399	ug/l #	1
71) Bromoform	12.64	173	3526	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	165551	53.218	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	165551	112.305	ug/l #	14
95) Naphthalene	15.41	128	712	4.458	ug/l #	69

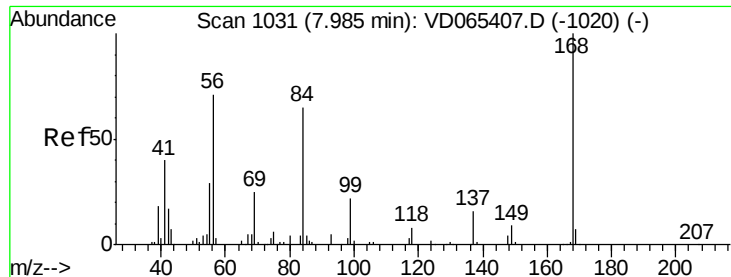
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065469.D

Acq: 10 Mar 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

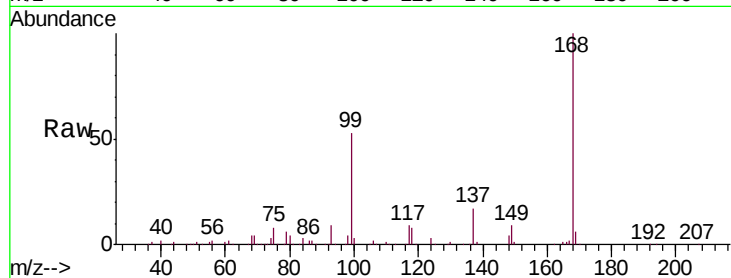
TP-1RE

Tgt Ion:168 Resp: 519230

Ion Ratio Lower Upper

168 100

99 52.9 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

250000

200000

150000

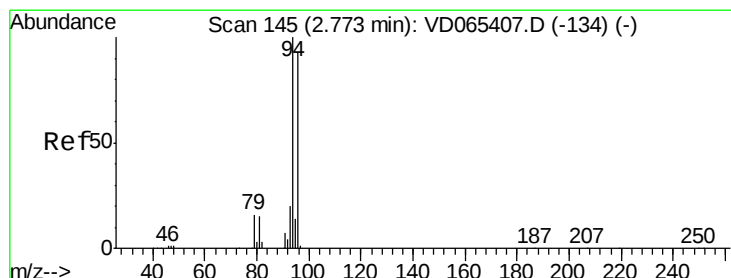
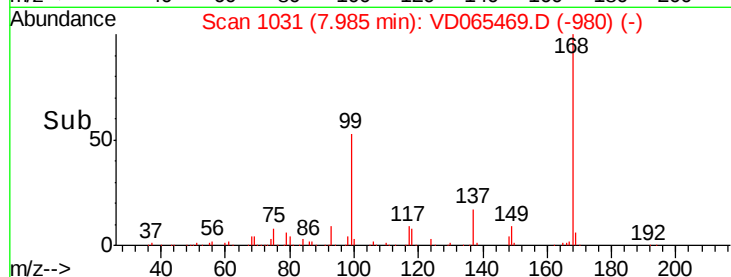
100000

50000

0

7.90 8.00 8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065469.D

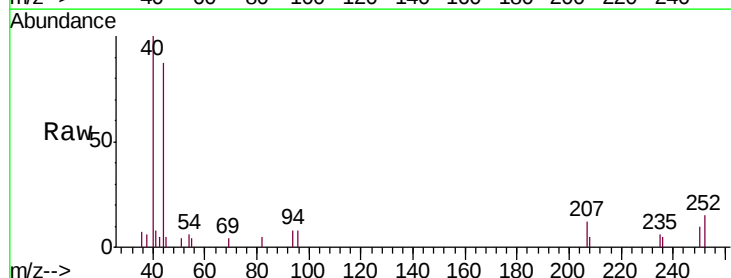
Acq: 10 Mar 2020 18:22

Tgt Ion: 94 Resp: 318

Ion Ratio Lower Upper

94 100

96 95.4 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

500

400

300

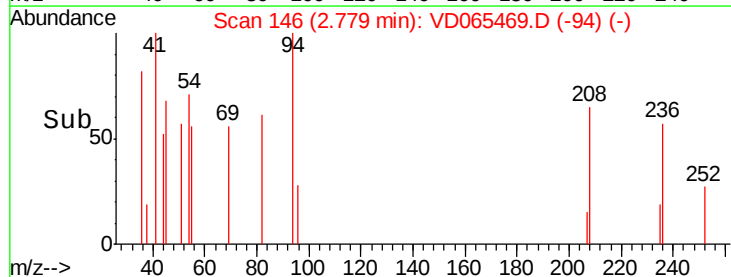
200

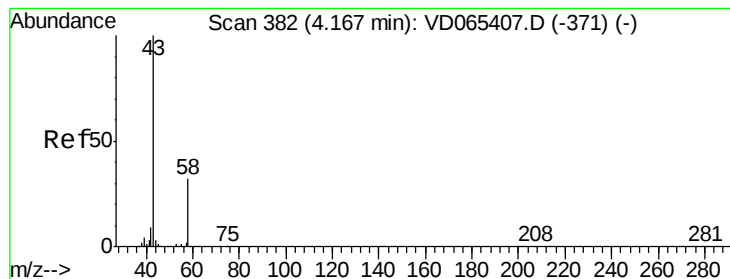
100

0

2.76 2.78

Time-->





#16

Acetone

Concen: 10.152 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065469.D

Acq: 10 Mar 2020 18:22

Instrument :

MSVOA_D

ClientSampleId :

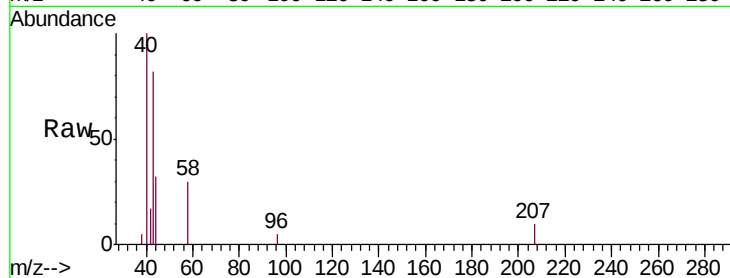
TP-1RE

Tgt Ion: 43 Resp: 9145

Ion Ratio Lower Upper

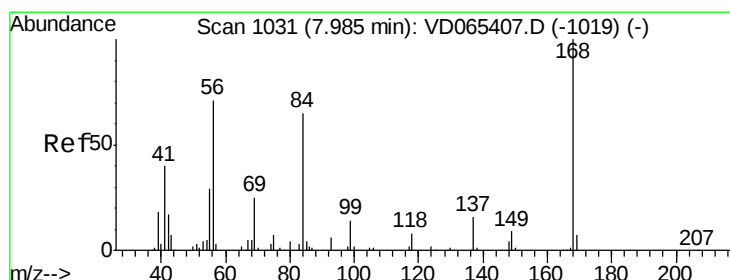
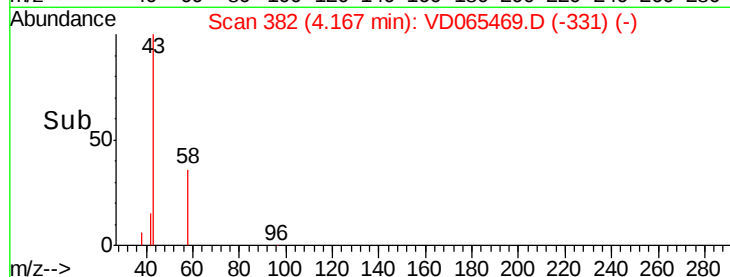
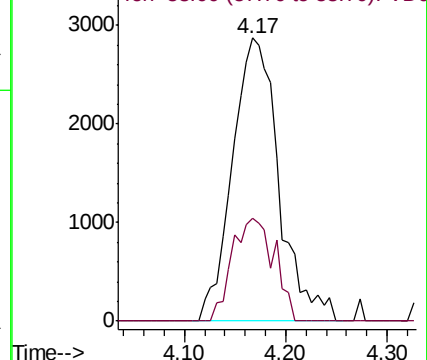
43 100

58 36.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.096 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065469.D

Acq: 10 Mar 2020 18:22

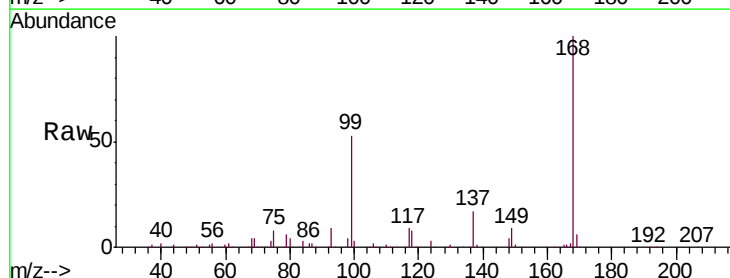
Tgt Ion: 56 Resp: 9695

Ion Ratio Lower Upper

56 100

69 188.1 28.3 42.5#

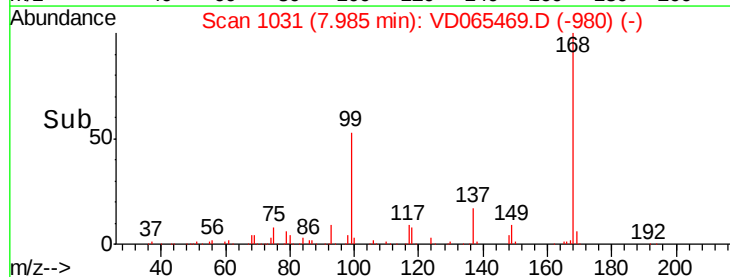
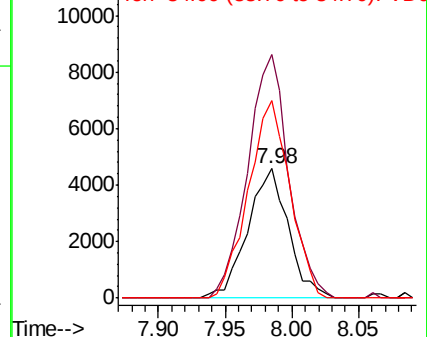
84 152.9 73.1 109.7#

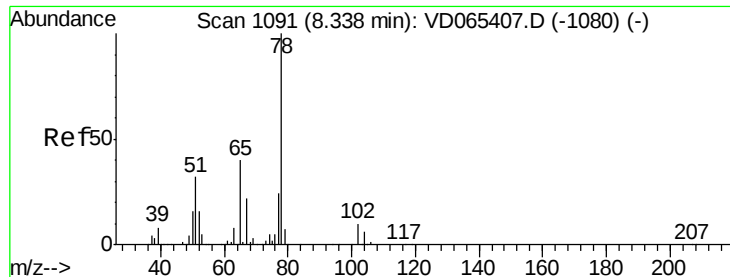


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

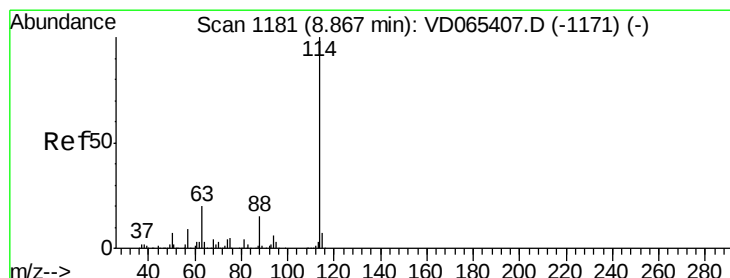
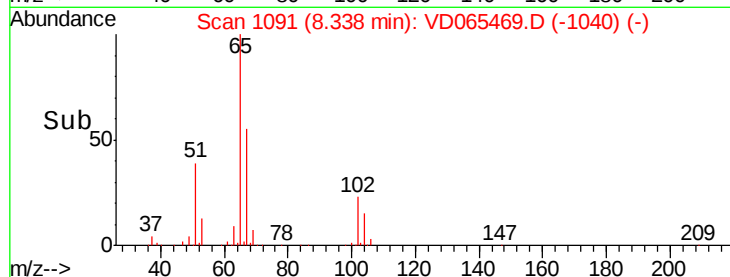
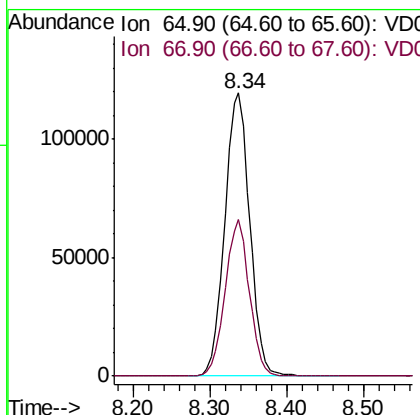
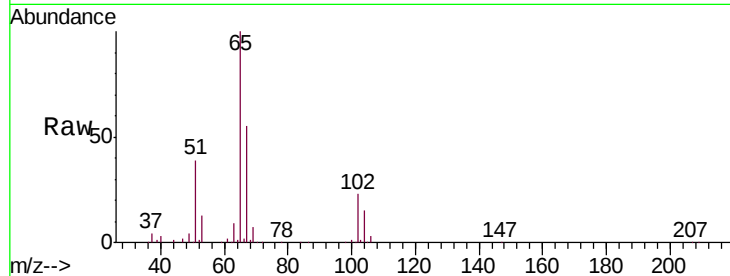




#33
 1,2-Dichloroethane-d4
 Concen: 60.658 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065469.D
 Acq: 10 Mar 2020 18:22

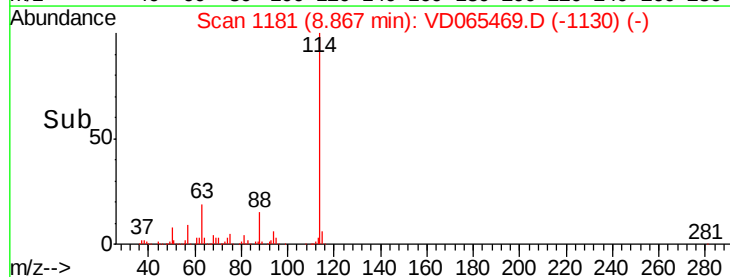
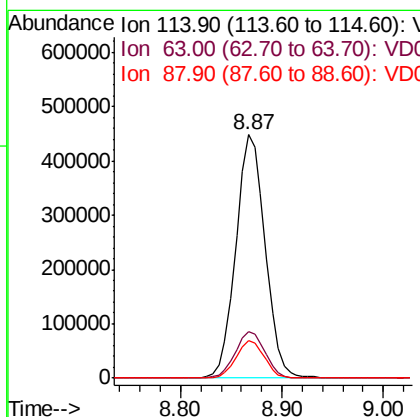
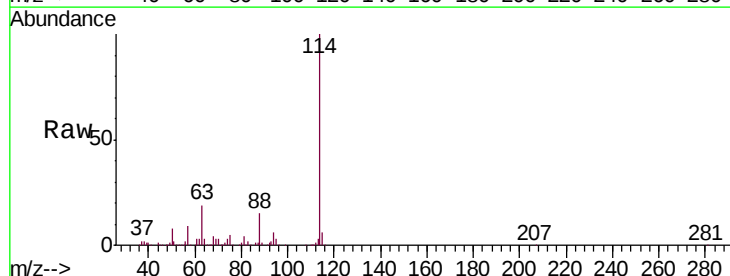
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

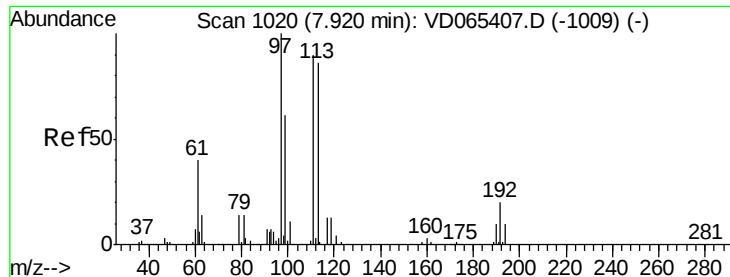
Tgt Ion: 65 Resp: 270167
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065469.D
 Acq: 10 Mar 2020 18:22

Tgt Ion: 114 Resp: 898910
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.2 0.0 30.4

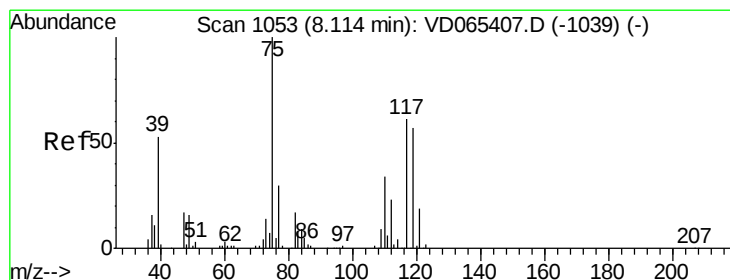
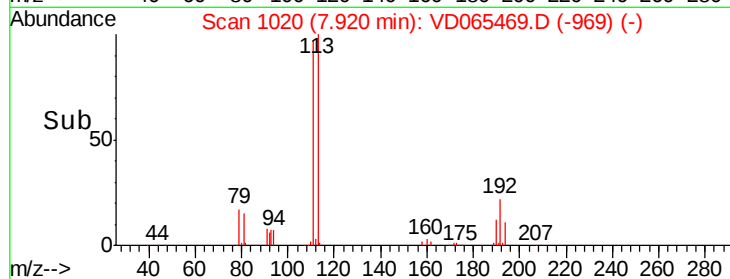
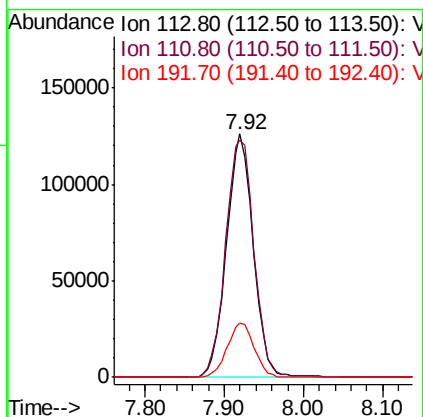
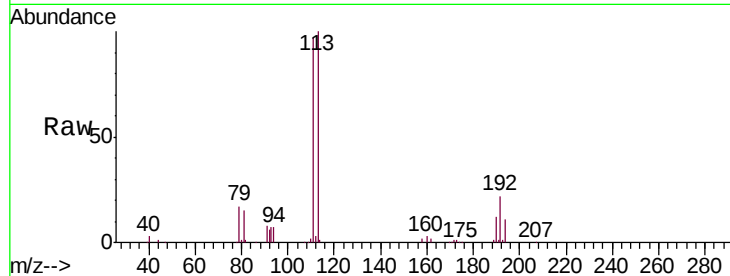




#35
 Dibromofluoromethane
 Concen: 52.927 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065469.D
 Acq: 10 Mar 2020 18:22

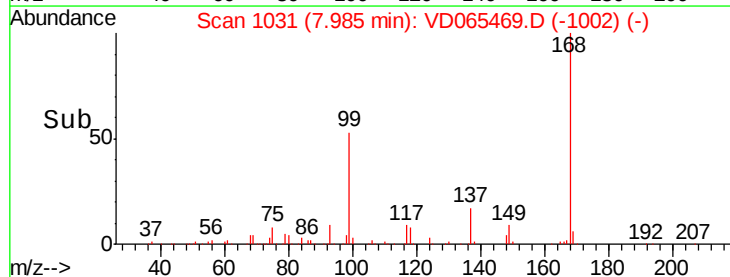
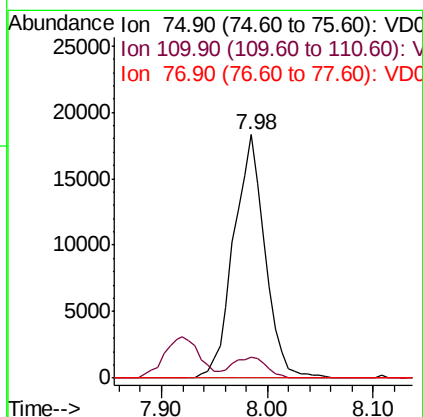
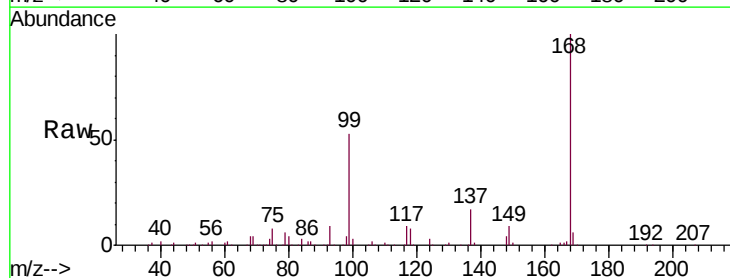
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

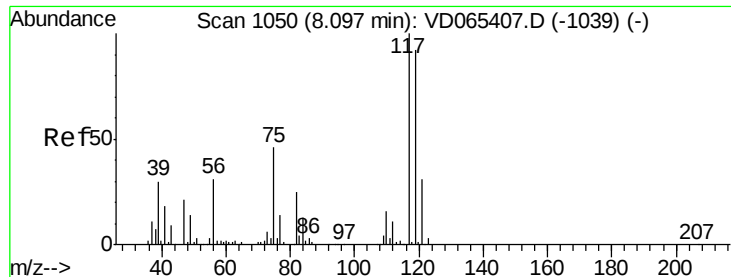
Tgt Ion: 113 Resp: 294219
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.1 123.1
 192 22.6 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 4.355 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065469.D
 Acq: 10 Mar 2020 18:22

Tgt Ion: 75 Resp: 37522
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.1#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.342 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065469.D

Acq: 10 Mar 2020 18:22

Instrument :

MSVOA_D

ClientSampled :

TP-1RE

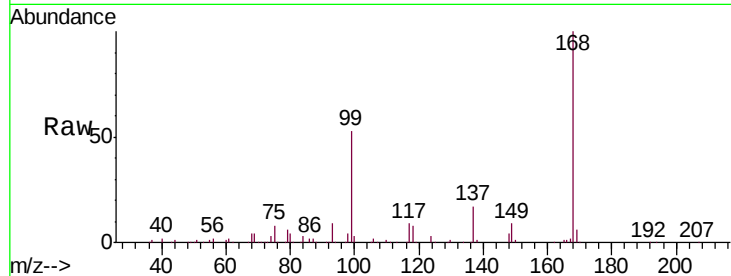
Tgt Ion:117 Resp: 47730

Ion Ratio Lower Upper

117 100

119 4.6 73.3 109.9#

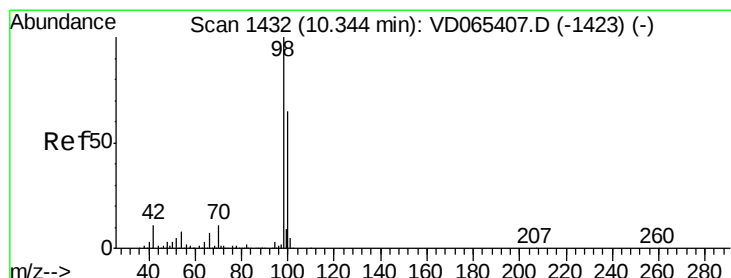
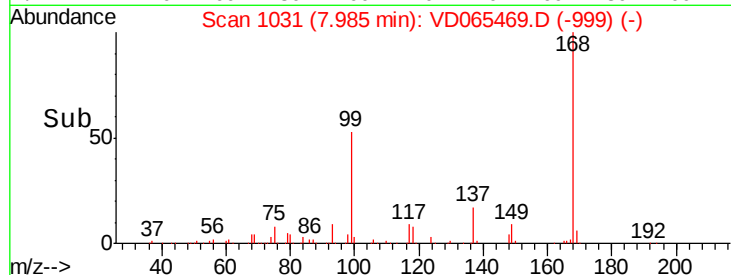
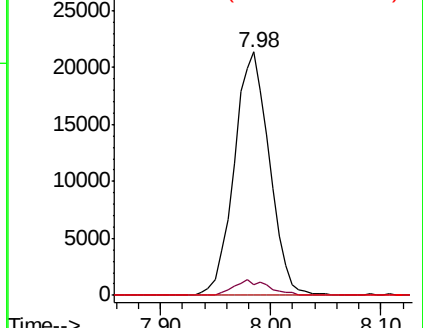
121 0.0 25.0 37.4#



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: 52.220 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065469.D

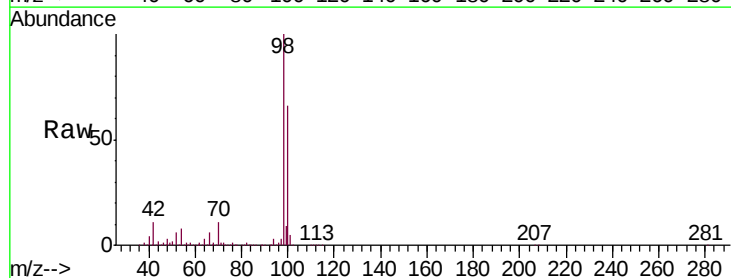
Acq: 10 Mar 2020 18:22

Tgt Ion: 98 Resp: 1113640

Ion Ratio Lower Upper

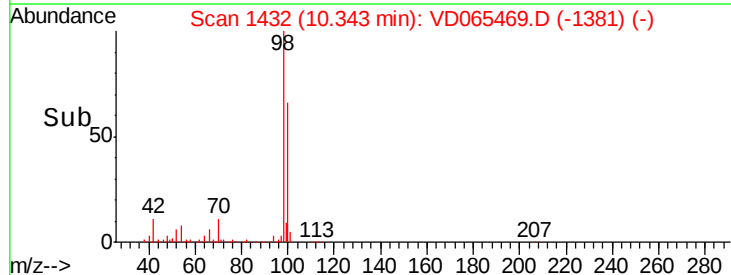
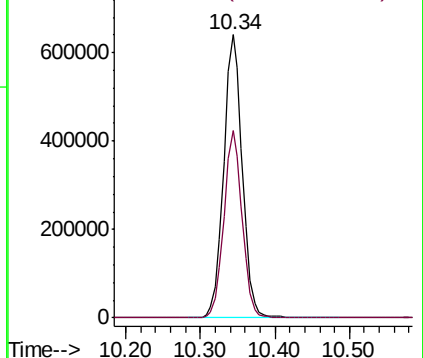
98 100

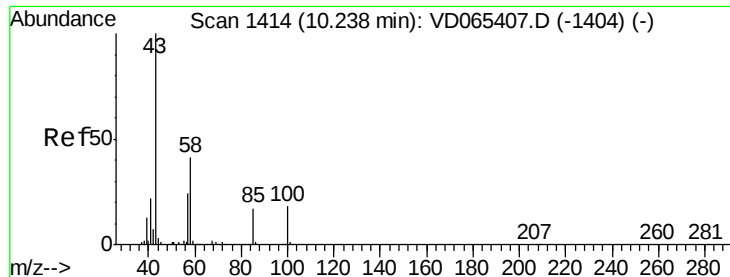
100 65.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

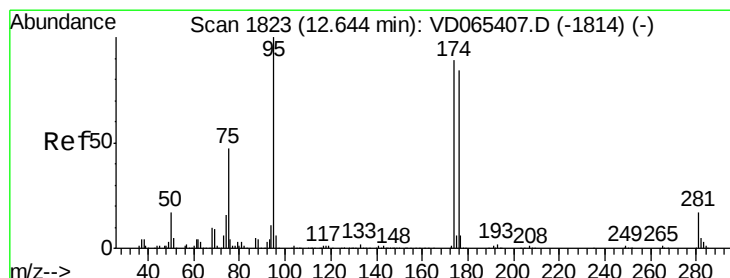
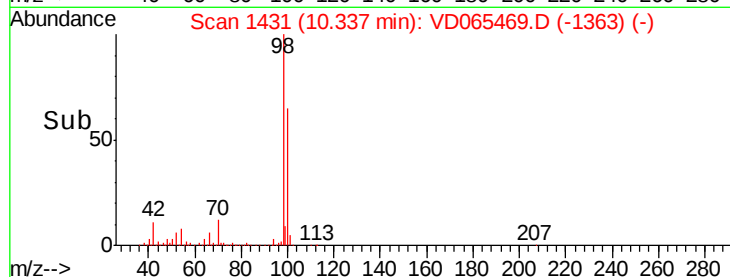
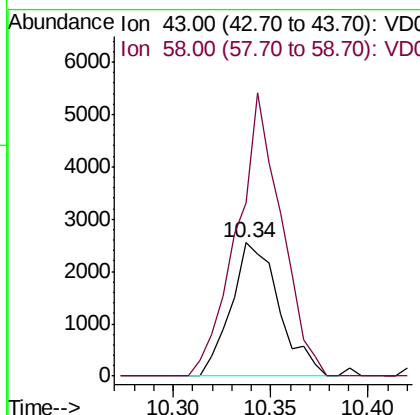
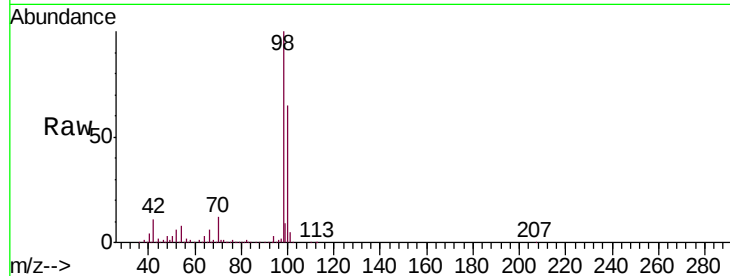




#51
 4-Methyl-2-Pentanone
 Concen: 1.399 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.10 min
 Lab File: VD065469.D
 Acq: 10 Mar 2020 18:22

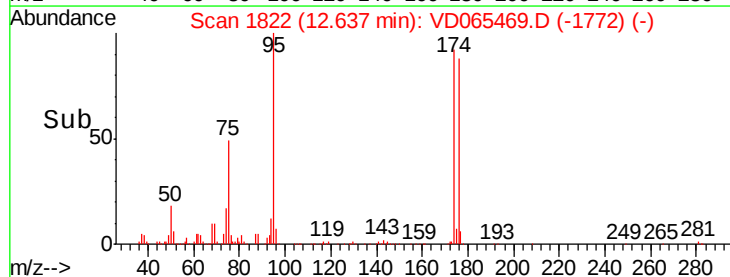
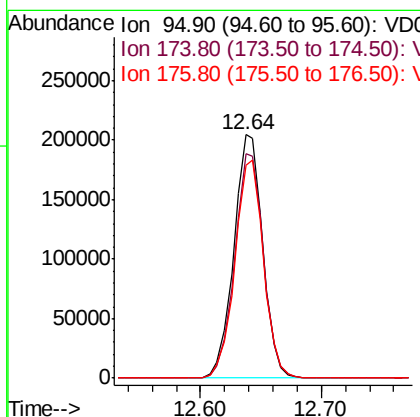
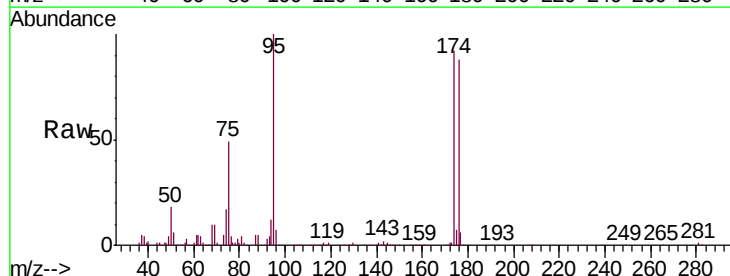
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-1RE

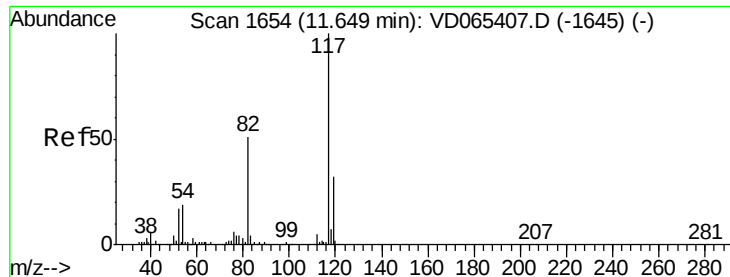
Tgt Ion: 43 Resp: 4330
 Ion Ratio Lower Upper
 43 100
 58 197.6 31.8 47.6#



#62
 4-Bromofluorobenzene
 Concen: 51.552 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065469.D
 Acq: 10 Mar 2020 18:22

Tgt Ion: 95 Resp: 339392
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 176.8
 176 88.9 0.0 171.4

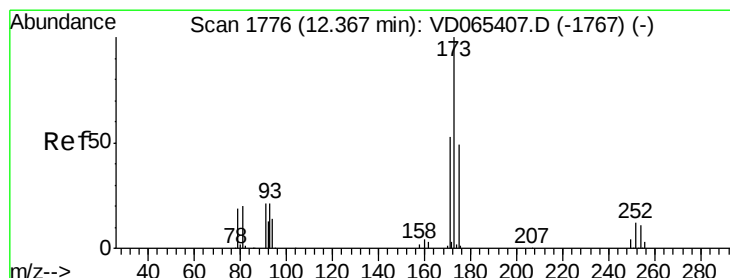
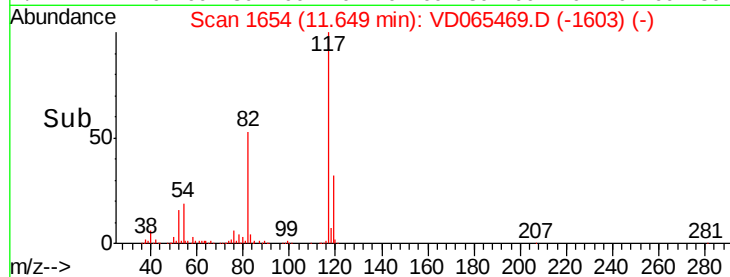
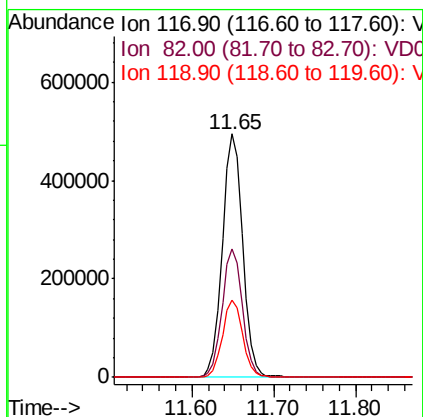
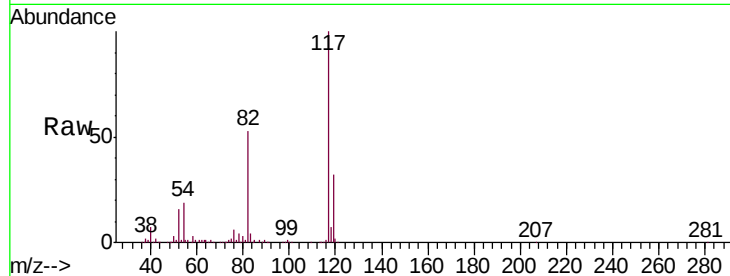




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065469.D
Acq: 10 Mar 2020 18:22

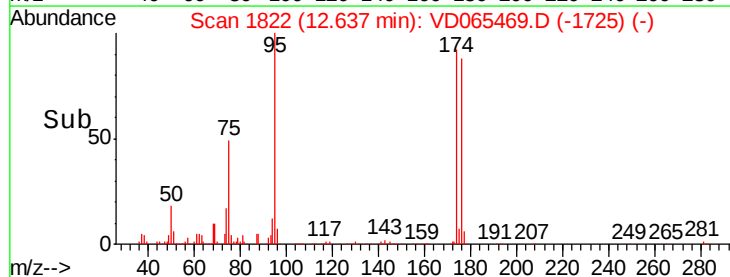
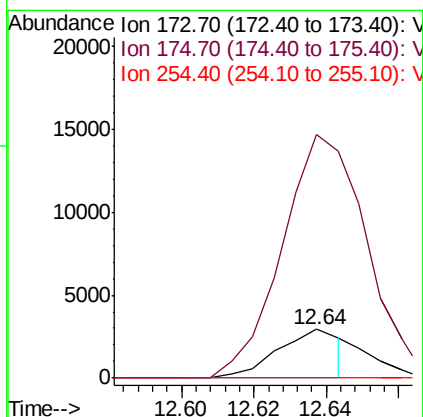
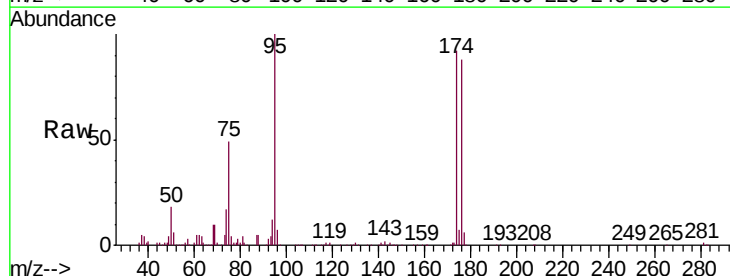
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

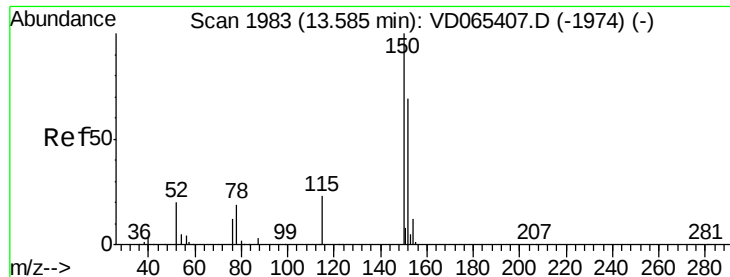
Tgt Ion:117 Resp: 854678
Ion Ratio Lower Upper
117 100
82 52.7 40.6 60.8
119 31.8 25.4 38.2



#71
Bromoform
Concen: 1.019 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD065469.D
Acq: 10 Mar 2020 18:22

Tgt Ion:173 Resp: 3526
Ion Ratio Lower Upper
173 100
175 492.9 24.3 73.0#
254 0.0 0.1 0.1#



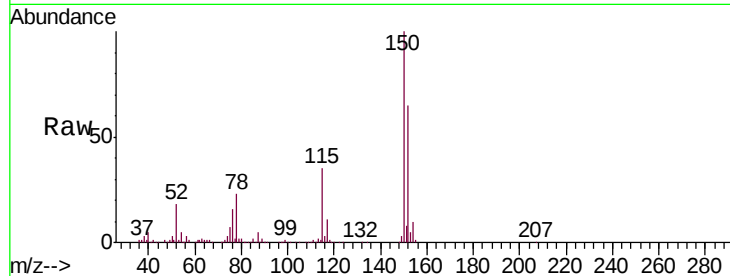


#72

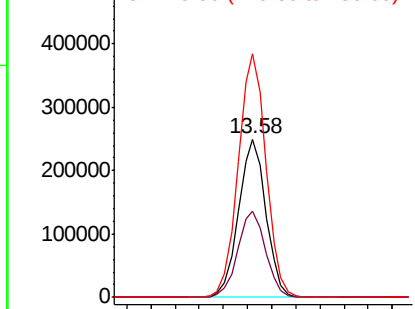
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065469.D
Acq: 10 Mar 2020 18:22

Instrument :
MSVOA_D
ClientSampled :
TP-1RE

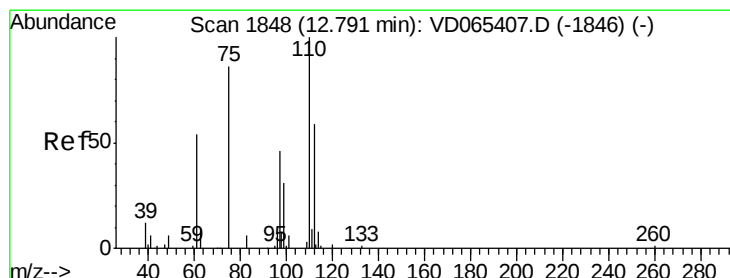
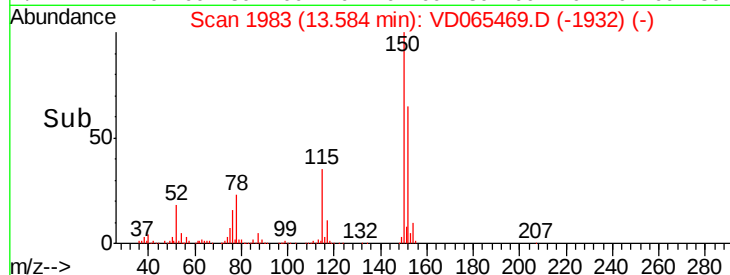
Tgt Ion:152 Resp: 394233
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 155.8 0.0 345.0



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



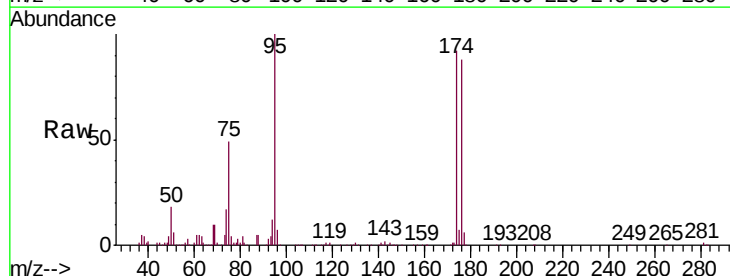
Time-->



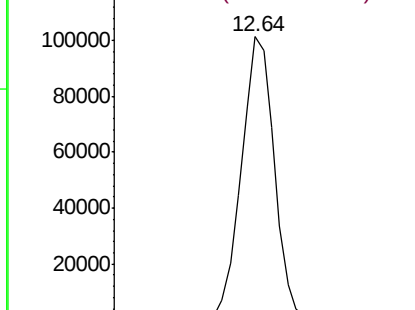
#76

1,2,3-Trichloropropane
Concen: 53.218 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065469.D
Acq: 10 Mar 2020 18:22

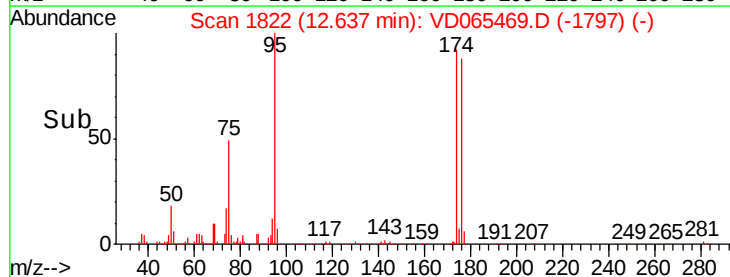
Tgt Ion: 75 Resp: 165551
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

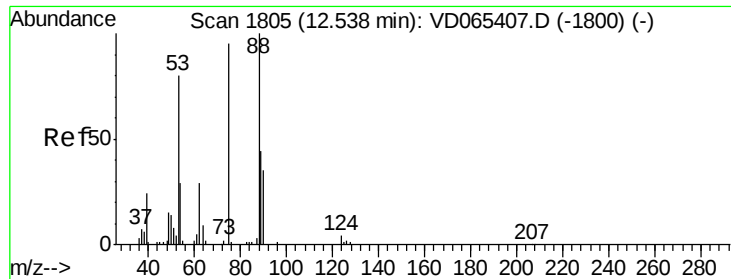


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 112.305 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065469.D

Acq: 10 Mar 2020 18:22

Instrument :

MSVOA_D

ClientSampled :

TP-1RE

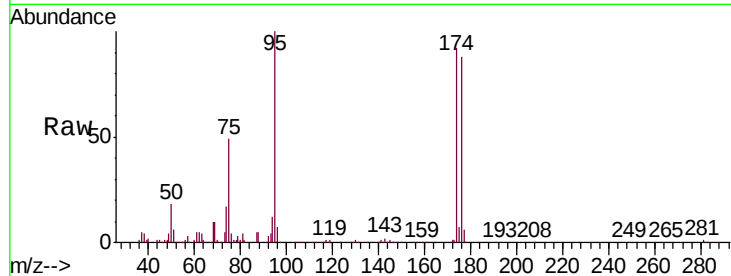
Tgt Ion: 75 Resp: 165551

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

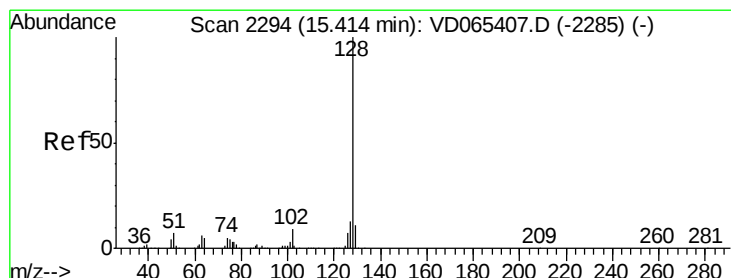
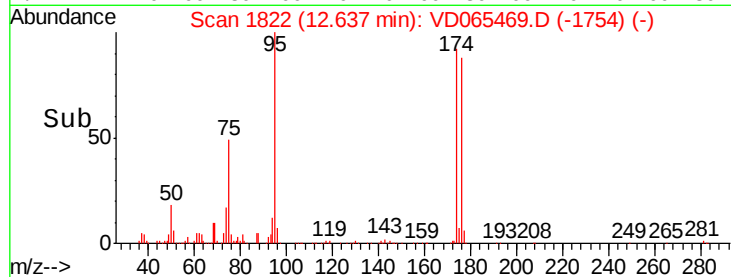
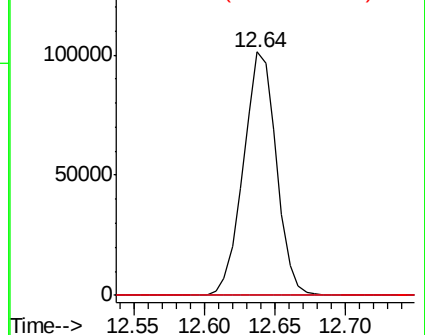
89 0.0 37.0 55.6#



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: 4.458 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD065469.D

Acq: 10 Mar 2020 18:22

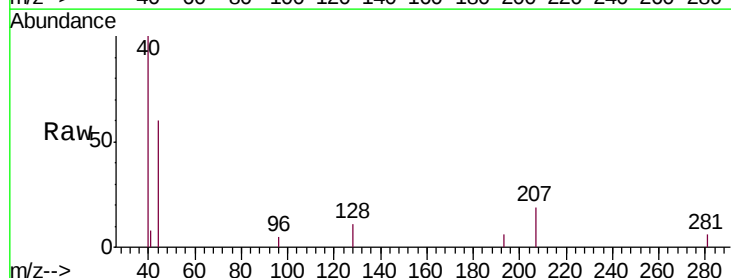
Tgt Ion: 128 Resp: 712

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 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

