

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062484.D
 Acq On : 21 May 2019 16:37
 Operator : VA/AP
 Sample : K2951-13RE
 Misc : 6.70g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-SRE

Quant Time: May 22 01:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

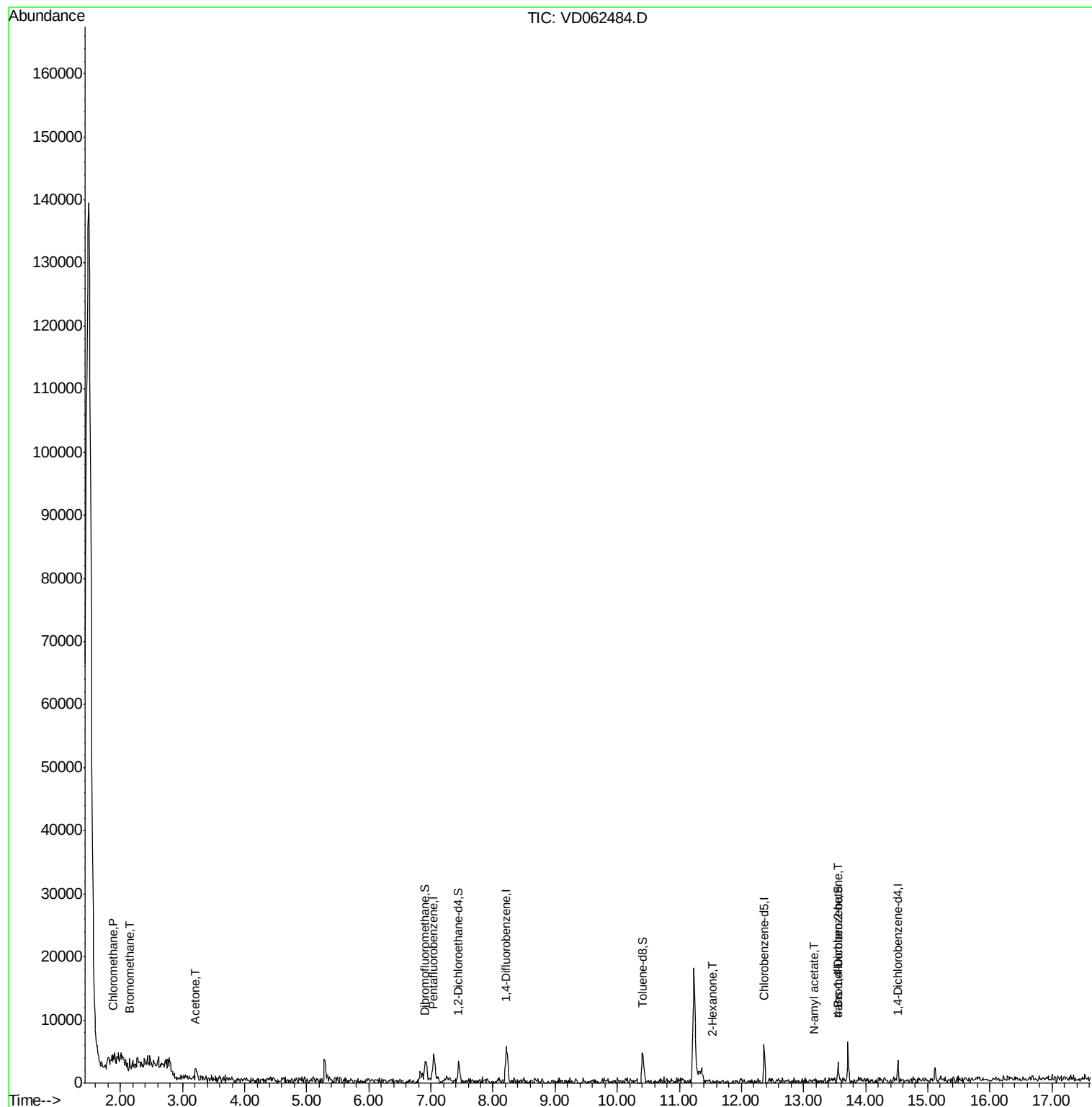
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	6007	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	9917	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	3705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	781	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	3278	50.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	6.91	113	3529	39.45	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.90%	
50) Toluene-d8	10.41	98	5565	28.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	56.84%	
62) 4-Bromofluorobenzene	13.55	95	1115	13.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	26.04%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.88	50	184	4.422	ug/l #	43
5) Bromomethane	2.15	94	191	10.108	ug/l #	12
16) Acetone	3.22	43	3363	291.860	ug/l #	50
59) 2-Hexanone	11.54	43	259	11.040	ug/l #	27
74) N-amyl acetate	13.16	43	179	14.722	ug/l #	49
81) trans-1,4-Dichloro-2-buten	13.55	75	410	158.030	ug/l #	16

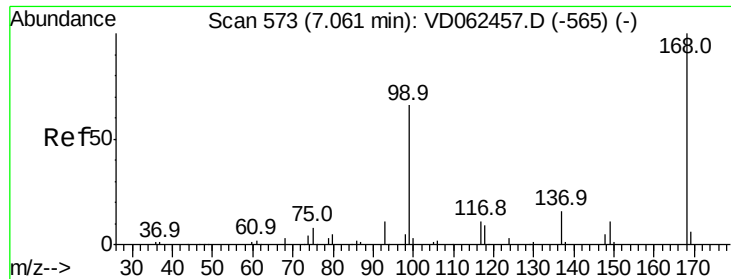
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

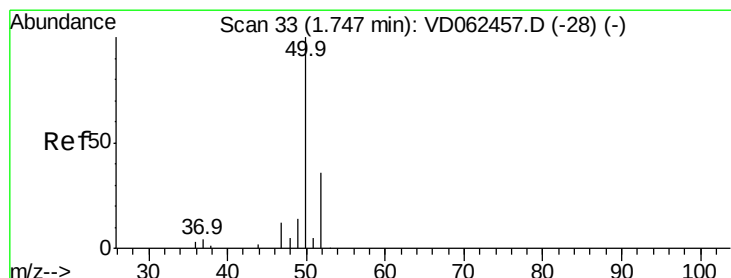
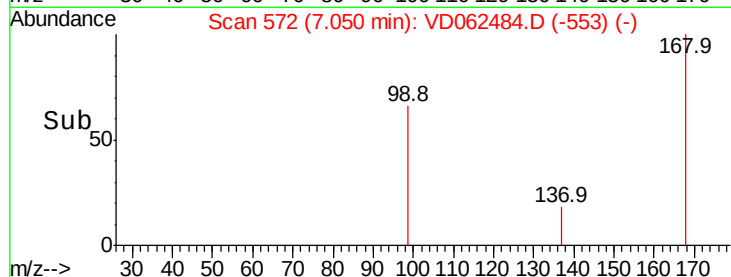
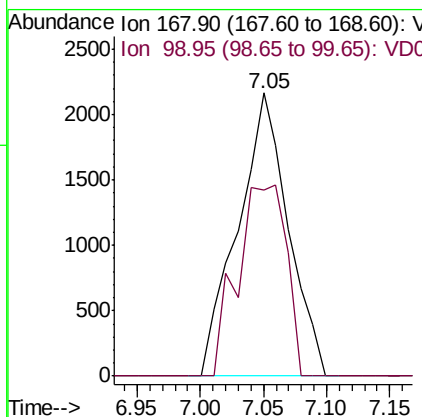
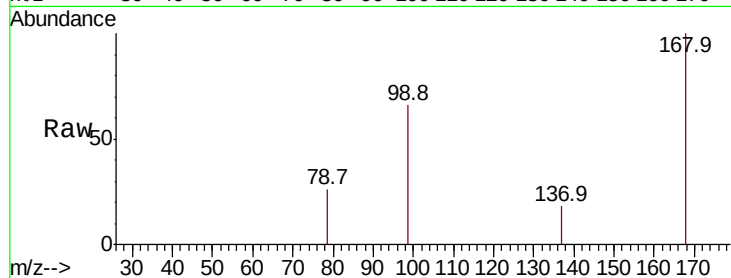




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD062484.D
Acq: 21 May 2019 16:37

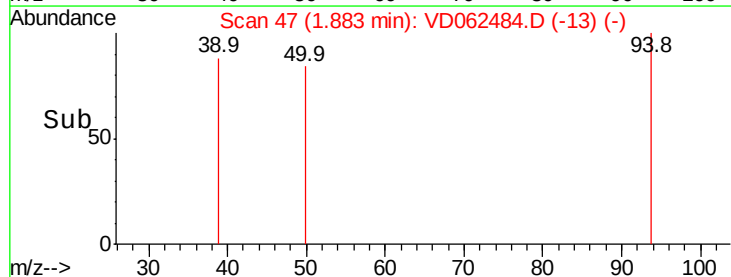
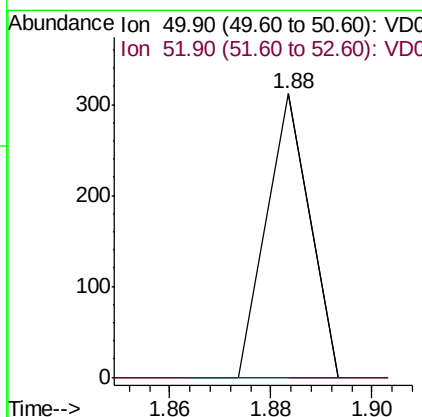
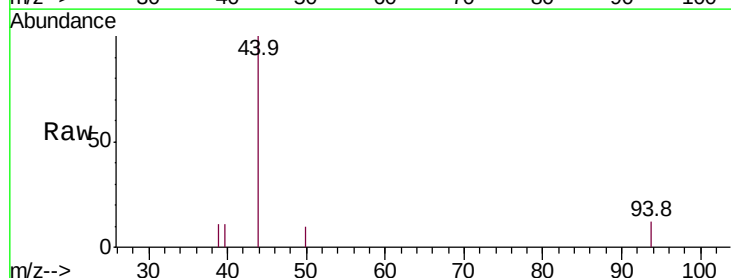
Instrument :
MSVOA_D
ClientSampleId :
TP-15-SRE

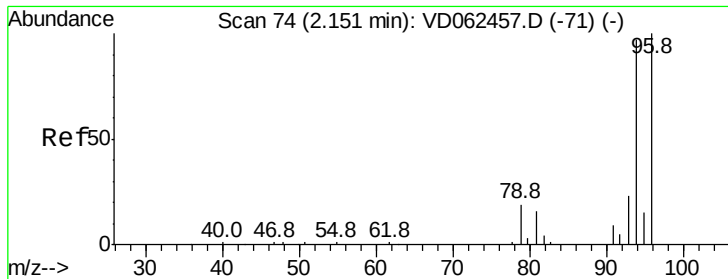
Tot Ion:168 Resp: 6007
Ion Ratio Lower Upper
168 100
99 65.8 46.5 69.7



#3
Chloromethane
Concen: 4.422 ug/l
RT: 1.88 min Scan# 47
Delta R.T. 0.14 min
Lab File: VD062484.D
Acq: 21 May 2019 16:37

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#





#5

Bromomethane

Concen: 10.108 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.00 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

Instrument :

MSVOA_D

ClientSampleId :

TP-15-SRE

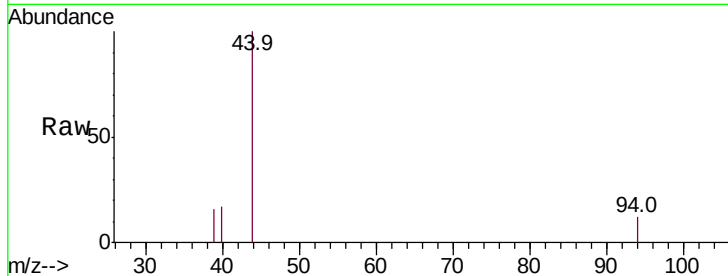
Tot Ion: 94 Resp: 191

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

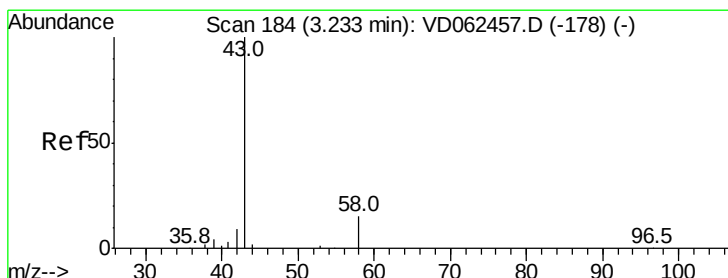
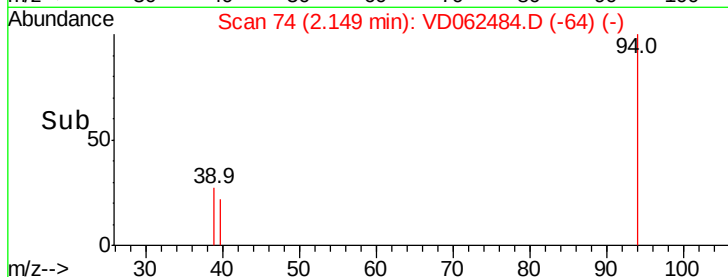
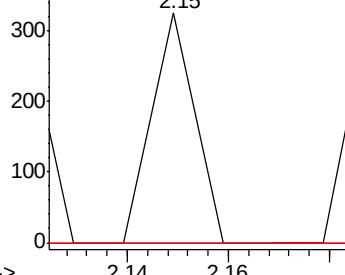
93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#16

Acetone

Concen: 291.860 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062484.D

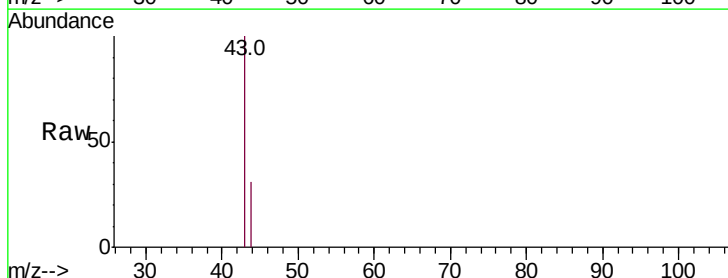
Acq: 21 May 2019 16:37

Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

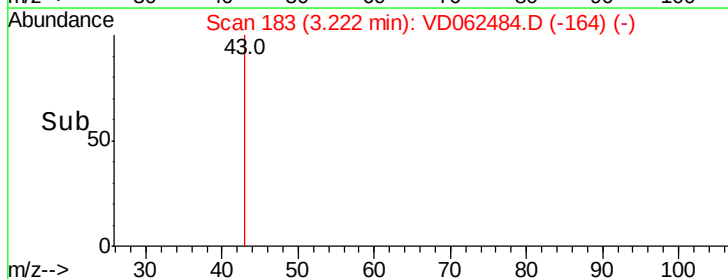
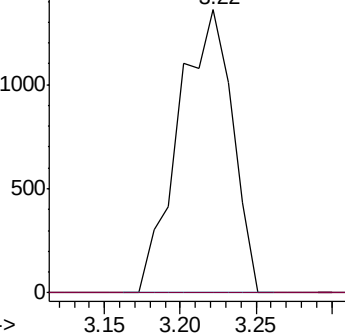
43 100

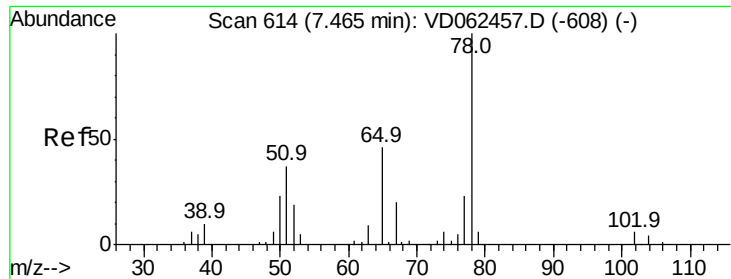
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 50.979 ug/l

RT: 7.44 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

Instrument :

MSVOA_D

ClientSampleId :

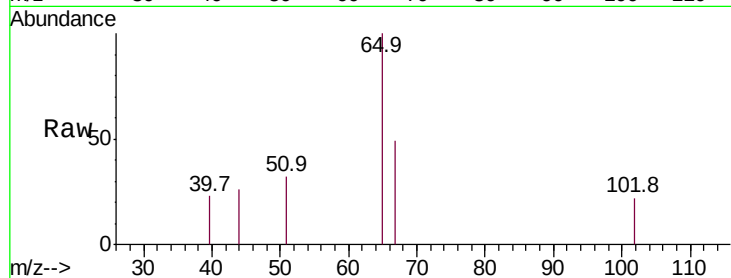
TP-15-SRE

Tot Ion: 65 Resp: 3278

Ion Ratio Lower Upper

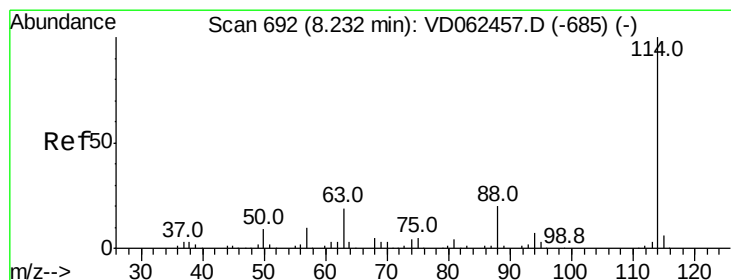
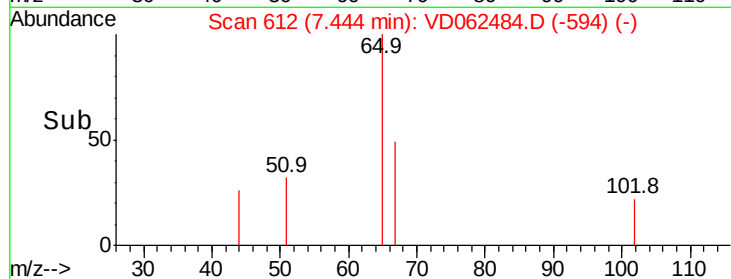
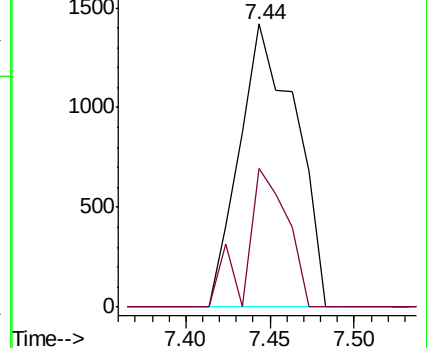
65 100

67 48.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

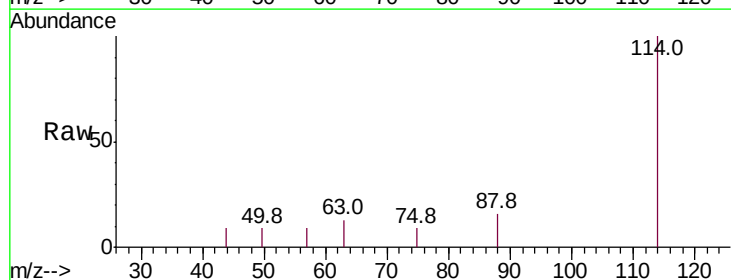
Tgt Ion: 114 Resp: 9917

Ion Ratio Lower Upper

114 100

63 13.4 0.0 32.4

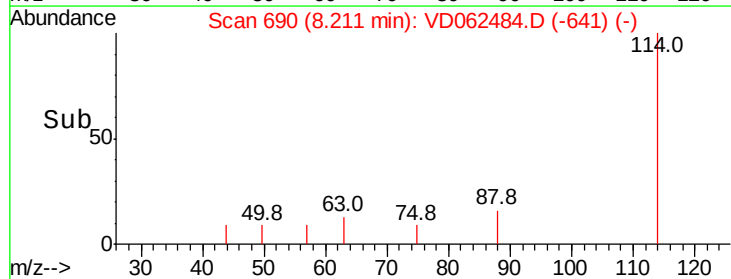
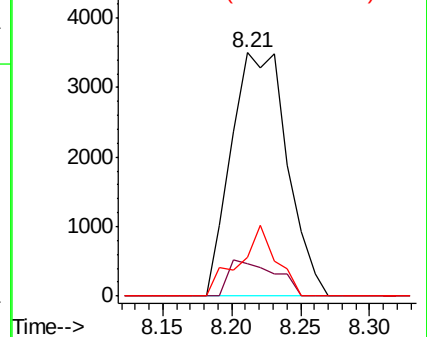
88 16.2 0.0 33.6

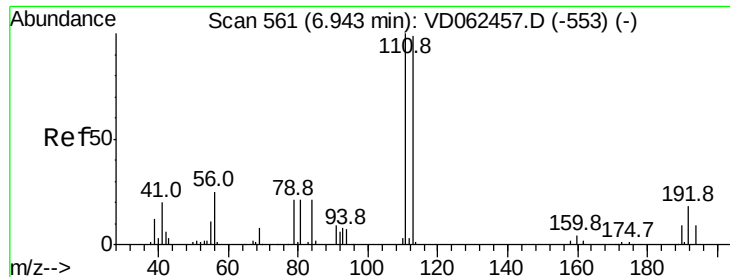


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 39.446 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

Instrument :

MSVOA_D

ClientSampleId :

TP-15-SRE

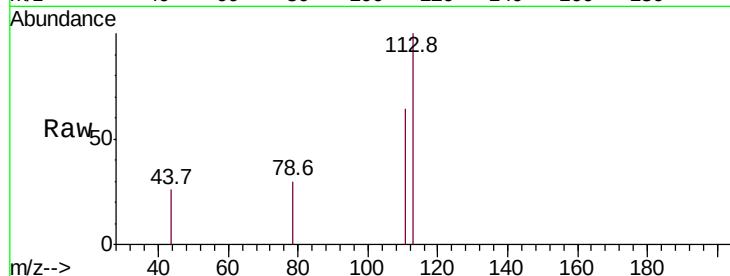
Tot Ion:113 Resp: 3529

Ion Ratio Lower Upper

113 100

111 64.3 78.5 117.7#

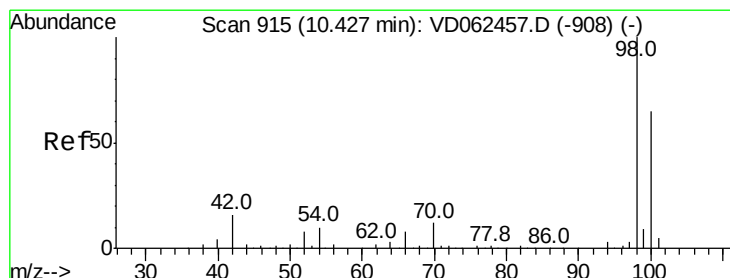
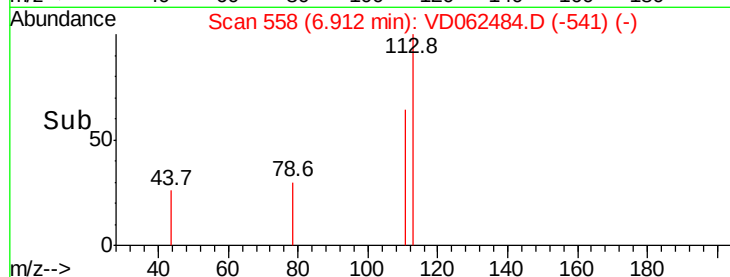
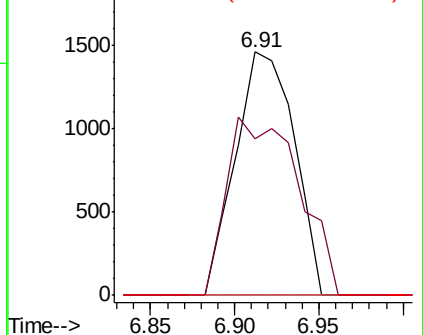
192 0.0 13.0 19.4#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 28.425 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.02 min

Lab File: VD062484.D

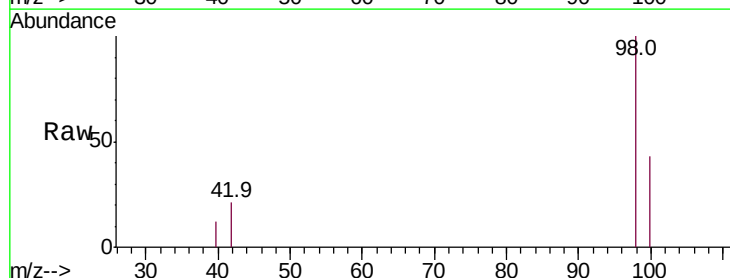
Acq: 21 May 2019 16:37

Tgt Ion: 98 Resp: 5565

Ion Ratio Lower Upper

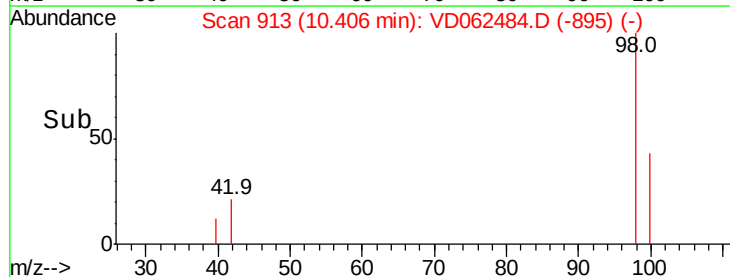
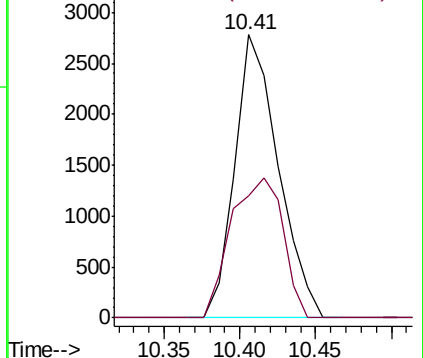
98 100

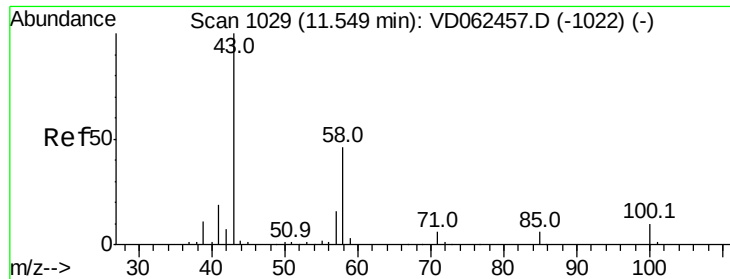
100 43.1 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#59

2-Hexanone

Concen: 11.040 ug/l

RT: 11.54 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

Instrument :

MSVOA_D

ClientSampleId :

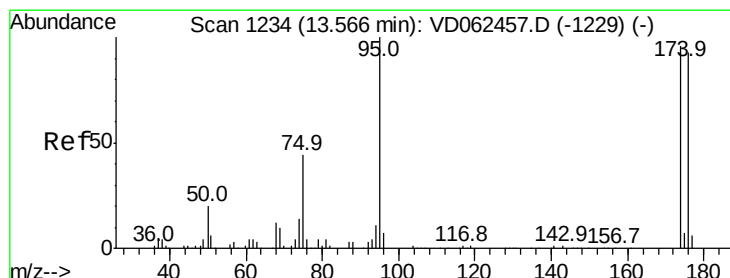
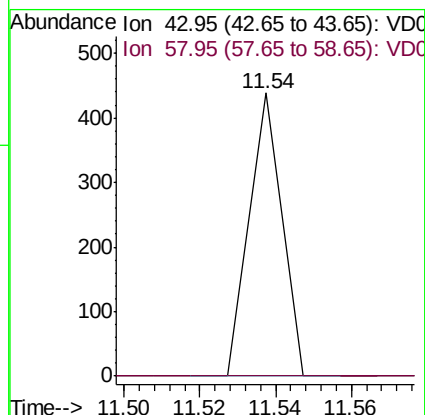
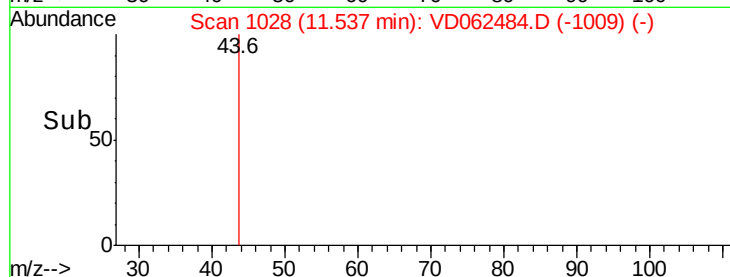
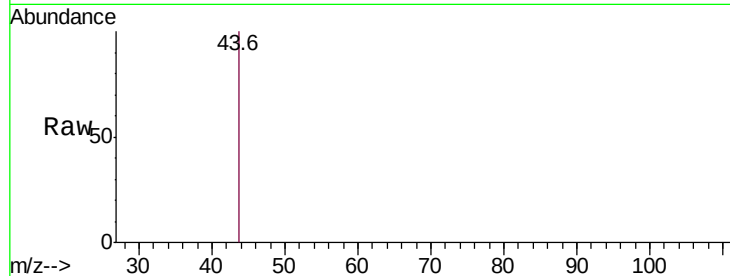
TP-15-SRE

Tot Ion: 43 Resp: 259

Ion Ratio Lower Upper

43 100

58 0.0 25.4 76.4#



#62

4-Bromofluorobenzene

Concen: 13.019 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

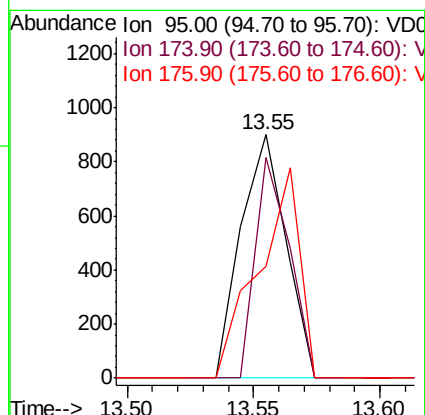
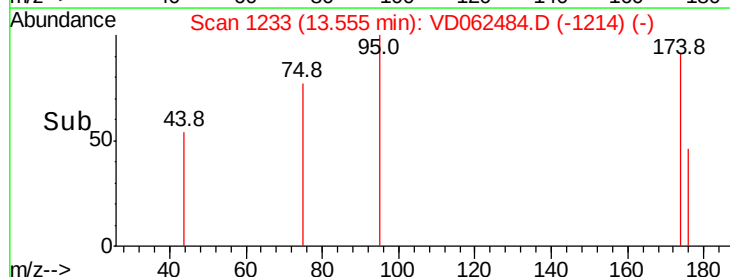
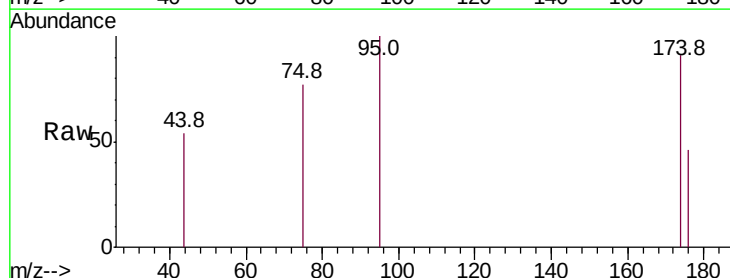
Tgt Ion: 95 Resp: 1115

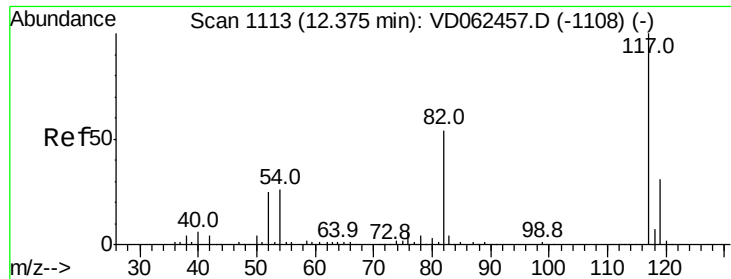
Ion Ratio Lower Upper

95 100

174 90.6 0.0 181.8

176 46.1 0.0 174.4

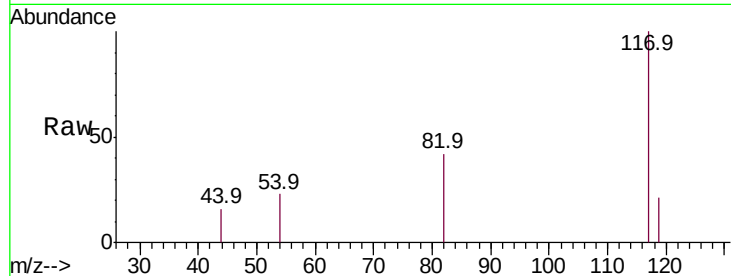




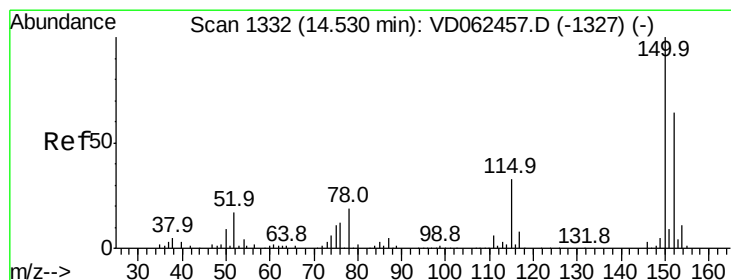
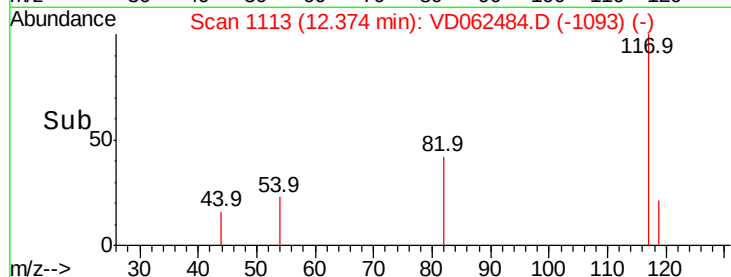
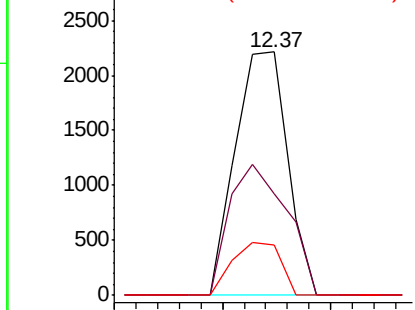
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062484.D
Acq: 21 May 2019 16:37

Instrument :
MSVOA_D
ClientSampleId :
TP-15-SRE

Tot Ion:117 Resp: 3705
Ion Ratio Lower Upper
117 100
82 41.8 36.2 54.2
119 20.9 26.2 39.4#

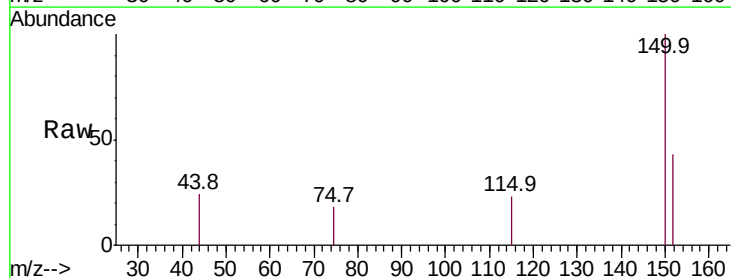


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

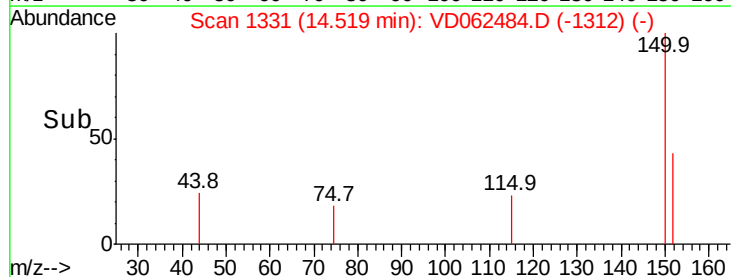
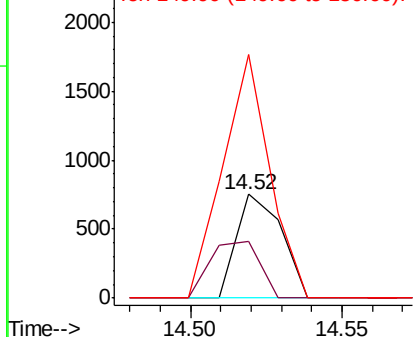


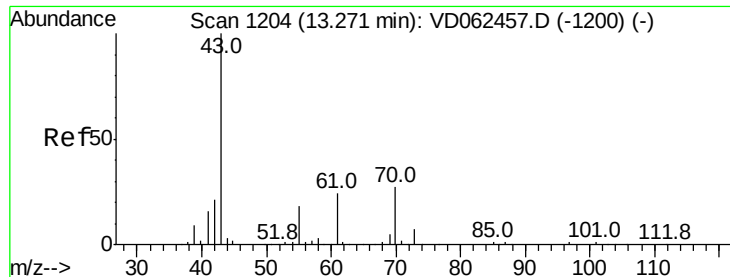
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062484.D
Acq: 21 May 2019 16:37

Tgt Ion:152 Resp: 781
Ion Ratio Lower Upper
152 100
115 54.6 30.9 92.7
150 234.4 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 14.722 ug/l

RT: 13.16 min Scan# 1193

Delta R.T. -0.11 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

Instrument :

MSVOA_D

ClientSampleId :

TP-15-SRE

Tot Ion: 43 Resp: 179

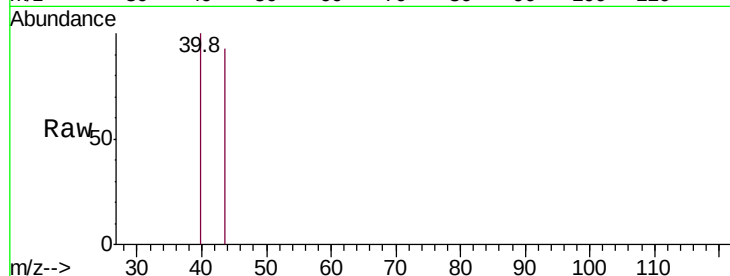
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 0.0 16.0 24.0#

61 0.0 21.6 32.4#

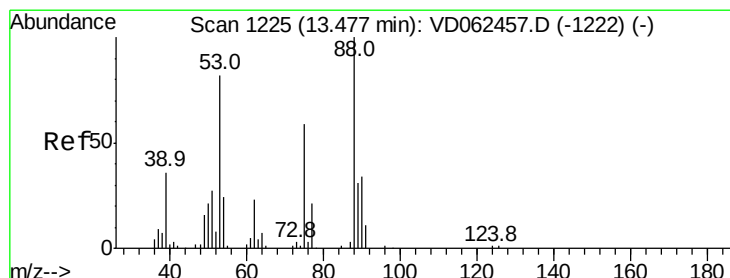
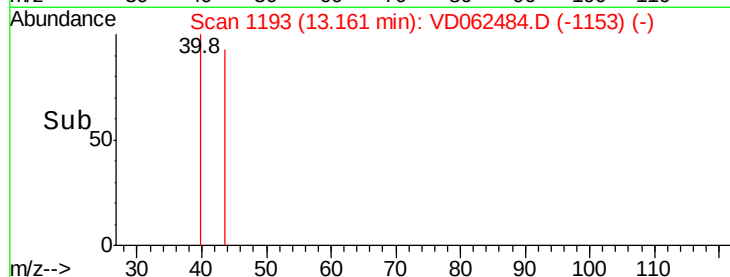
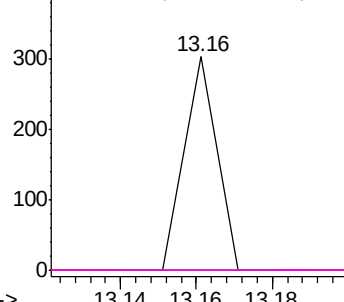


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 158.030 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062484.D

Acq: 21 May 2019 16:37

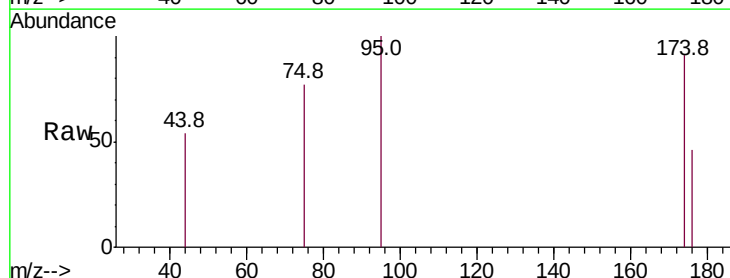
Tgt Ion: 75 Resp: 410

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

