

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064413.D
 Acq On : 04 Dec 2019 13:26
 Operator : VA/SY
 Sample : K6120-03RE
 Misc : 8.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 03:48:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

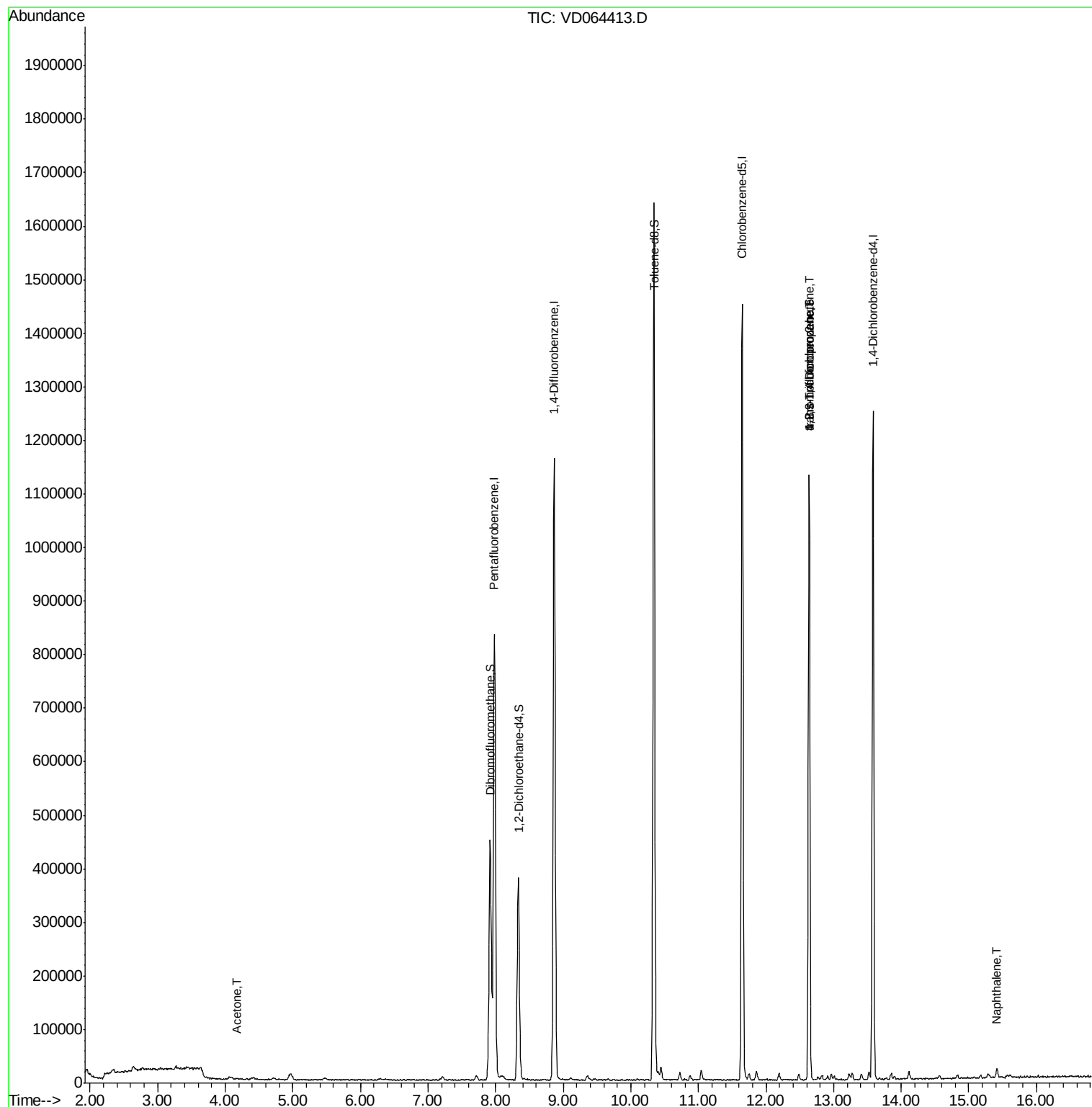
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	668754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1000107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	844350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	304590	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.92	113	311861	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.34	98	1139215	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.64	95	339635	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	1314	1.074	ug/l #	47
20) Methylene Chloride	4.96	84	7996	Below Cal		85
31) Cyclohexane	7.98	56	15830	Below Cal	#	40
76) 1,2,3-Trichloropropane	12.64	75	177449	64.352	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	177449	140.322	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.50	75	55	Below Cal	#	1
95) Naphthalene	15.41	128	13939	1.129	ug/l #	91

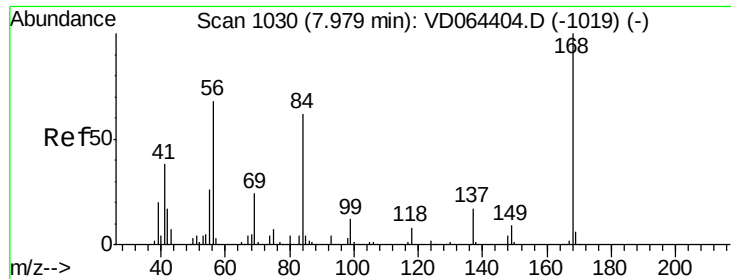
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064413.D

Acq: 04 Dec 2019 13:26

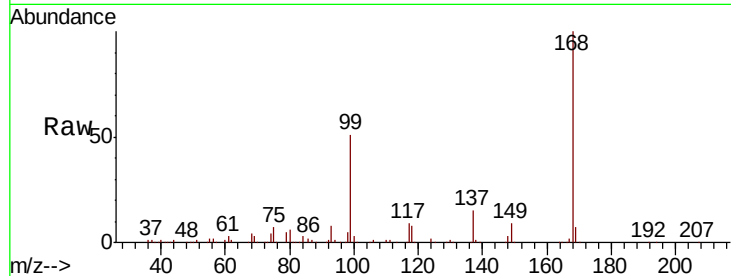
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 668754

Ion Ratio Lower Upper

168 100

99 50.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

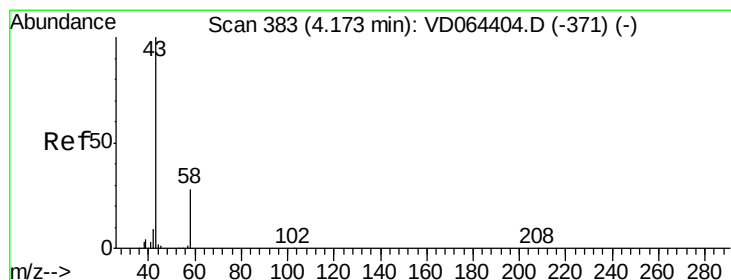
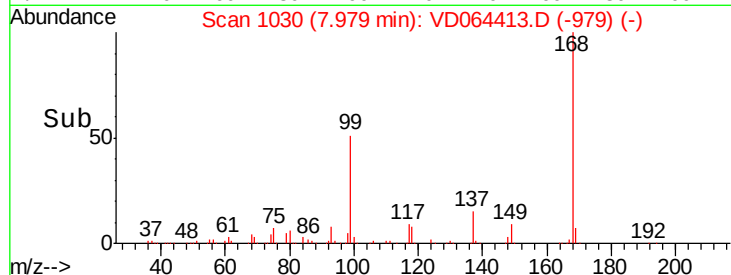
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.074 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064413.D

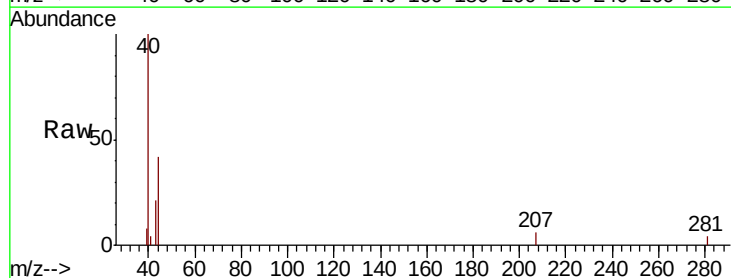
Acq: 04 Dec 2019 13:26

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

1000

800

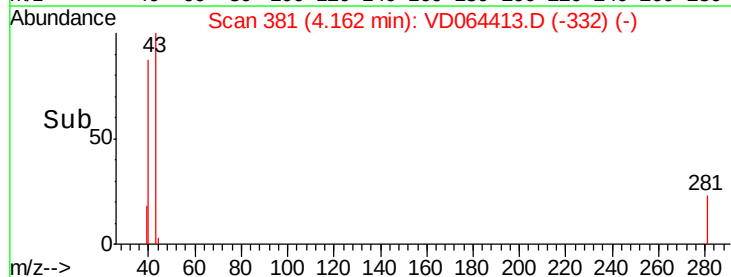
600

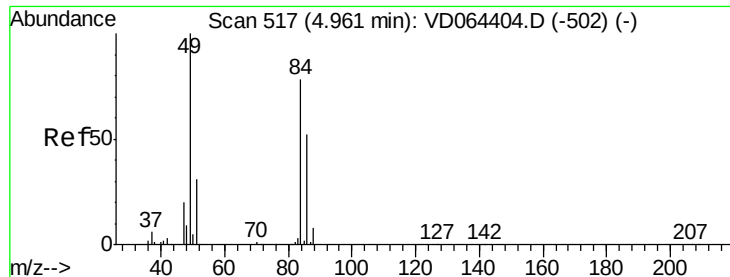
400

200

0

Time-->

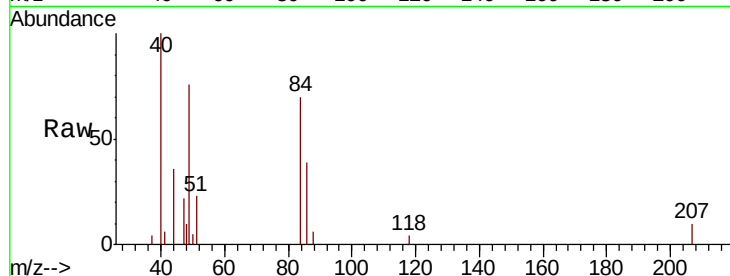




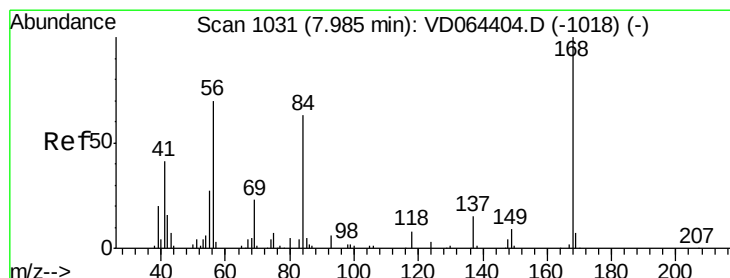
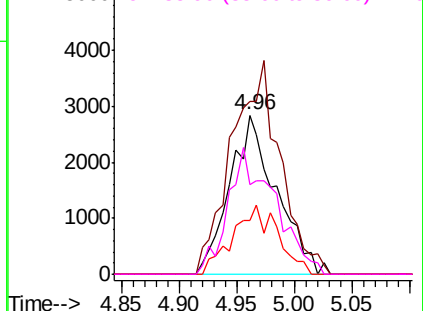
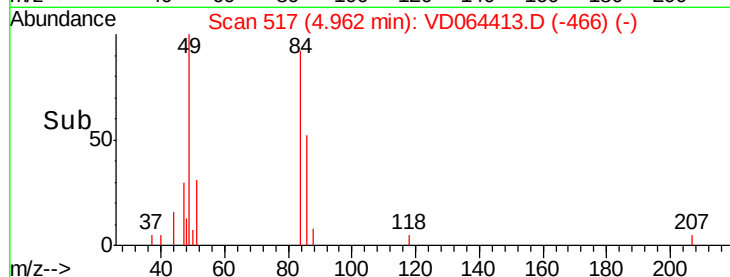
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064413.D
Acq: 04 Dec 2019 13:26

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	84	Resp:	7996
Ion	Ratio	Lower	Upper
84	100		
49	108.5	102.6	153.8
51	33.5	32.0	48.0
86	56.1	53.4	80.0

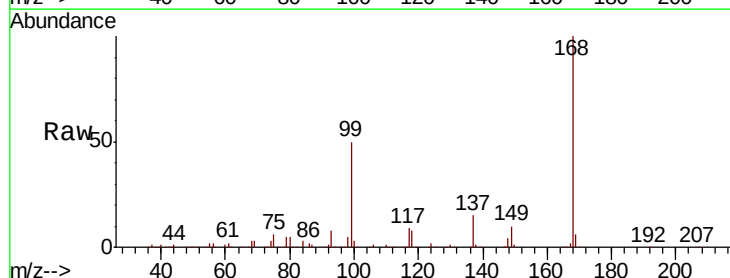


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

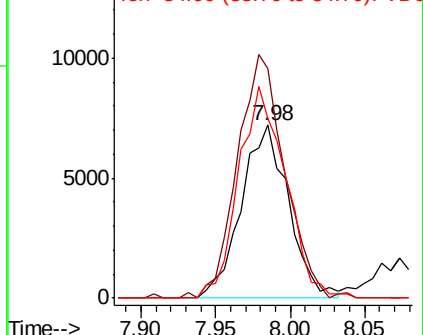
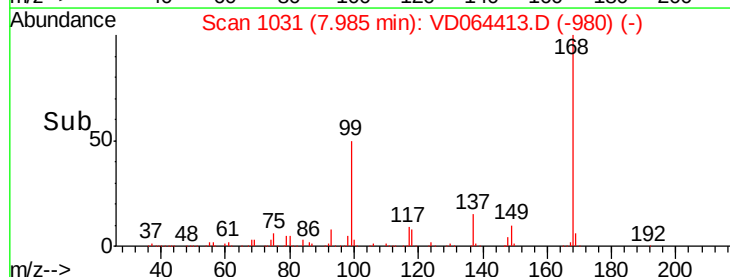


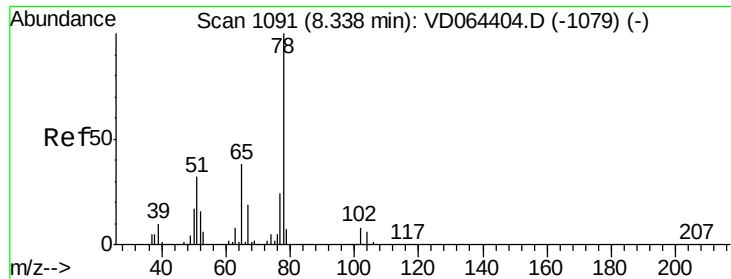
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064413.D
Acq: 04 Dec 2019 13:26

Tgt Ion:	56	Resp:	15830
Ion	Ratio	Lower	Upper
56	100		
69	130.4	26.2	39.4#
84	104.1	70.3	105.5



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

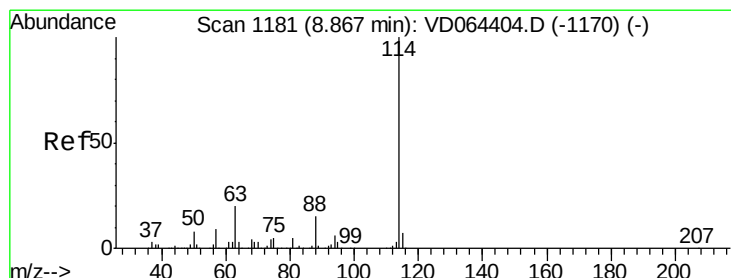
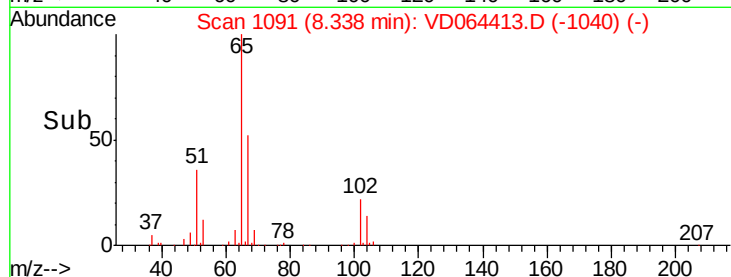
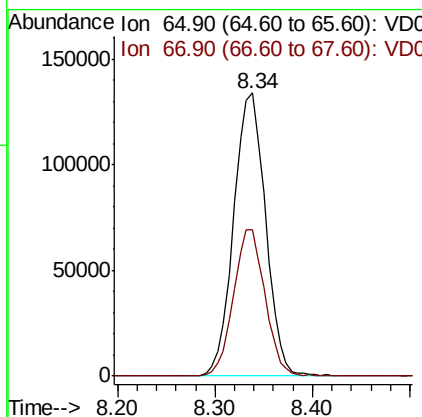
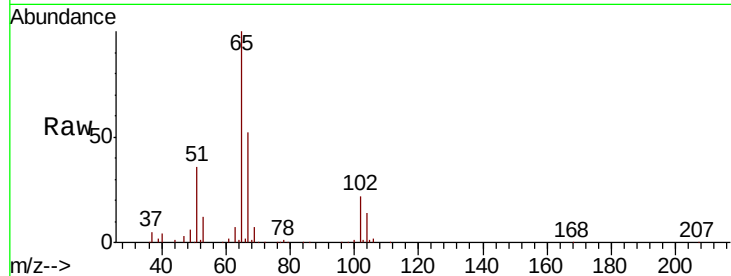




#33
 1,2-Dichloroethane-d4
 Concen: 50.319 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064413.D
 Acq: 04 Dec 2019 13:26

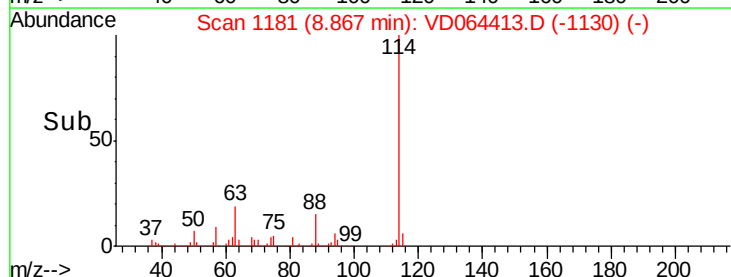
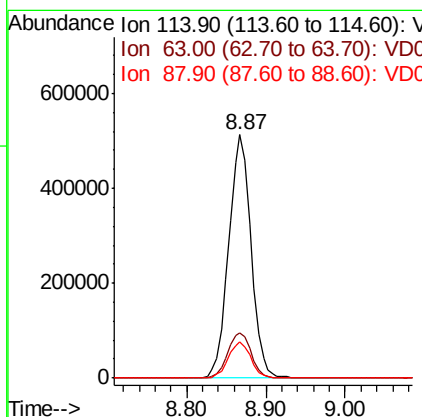
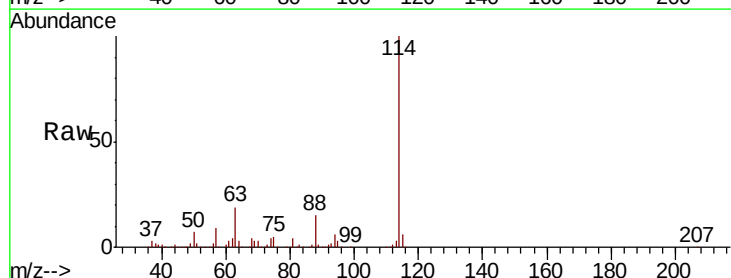
Instrument :
 MSVOA_D
 ClientSampled :

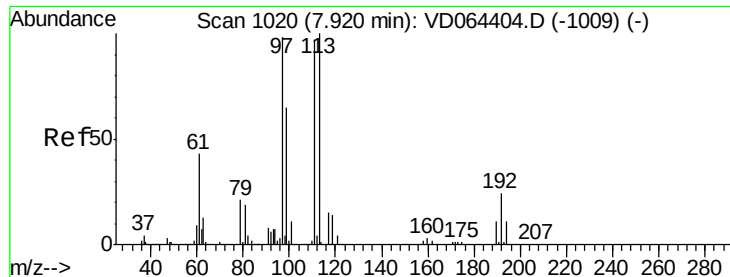
Tot Ion: 65 Resp: 304590
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064413.D
 Acq: 04 Dec 2019 13:26

Tgt Ion: 114 Resp: 1000107
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 14.9 0.0 29.2

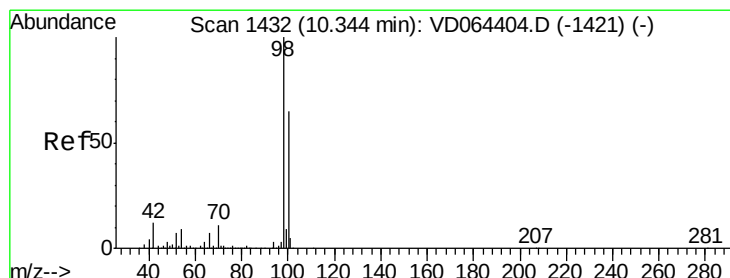
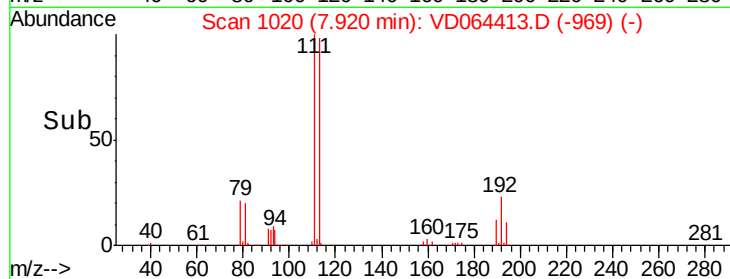
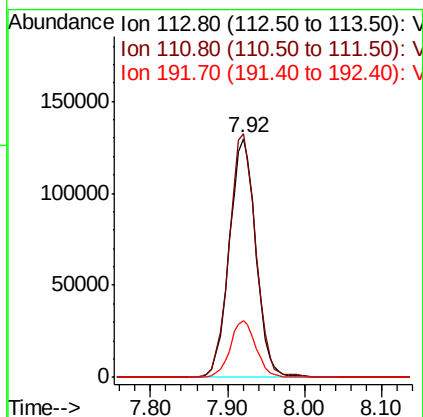
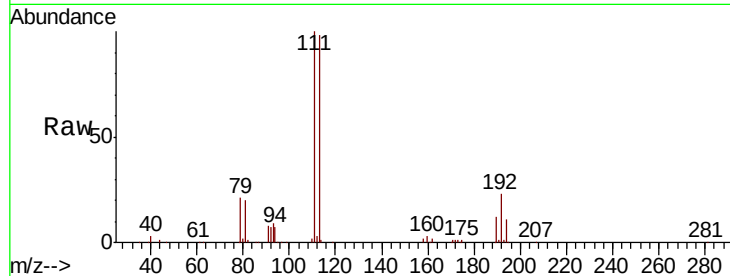




#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064413.D
Acq: 04 Dec 2019 13:26

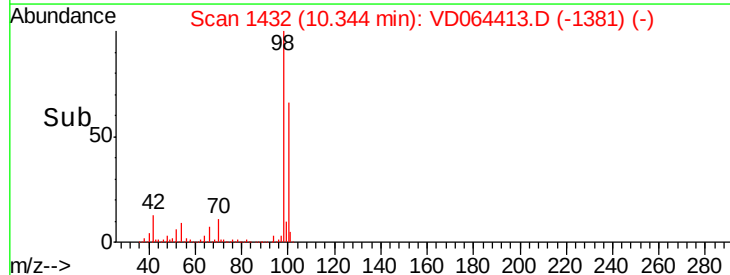
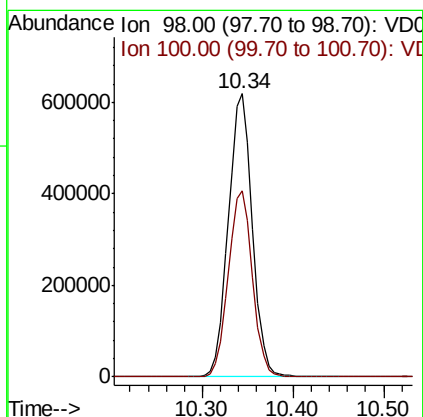
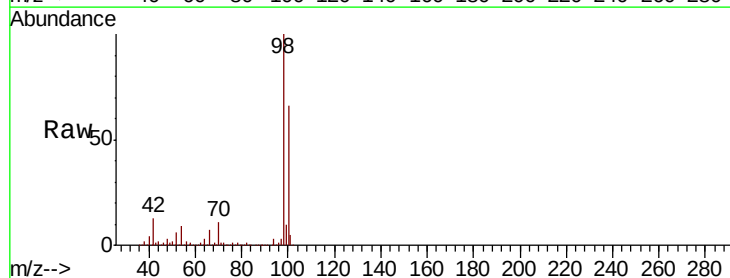
Instrument :
MSVOA_D
ClientSampleId :

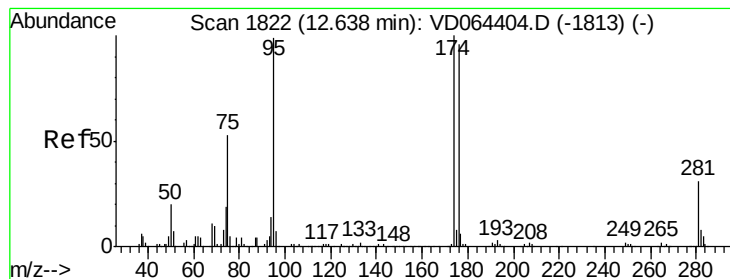
Tot Ion:113 Resp: 311861
Ion Ratio Lower Upper
113 100
111 102.5 79.4 119.2
192 23.0 18.6 28.0



#50
Toluene-d8
Concen: 47.996 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064413.D
Acq: 04 Dec 2019 13:26

Tgt Ion: 98 Resp: 1139215
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 44.525 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064413.D

Acq: 04 Dec 2019 13:26

Instrument :

MSVOA_D

ClientSampled :

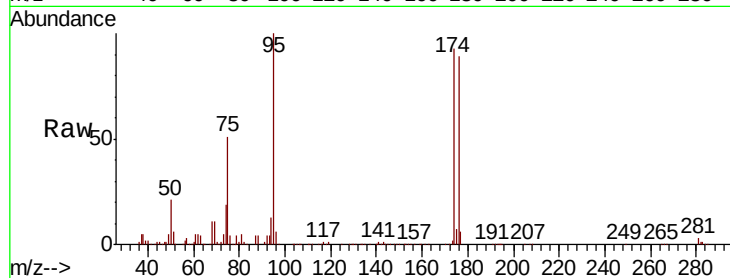
Tot Ion: 95 Resp: 339635

Ion Ratio Lower Upper

95 100

174 94.9 0.0 197.2

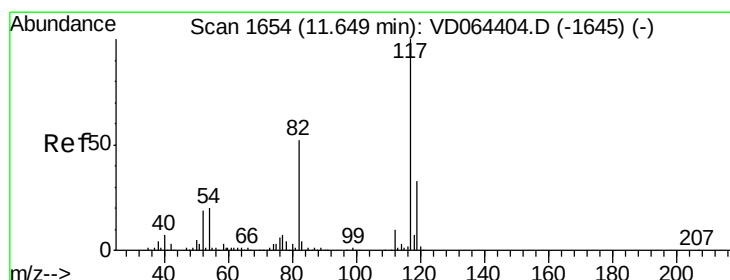
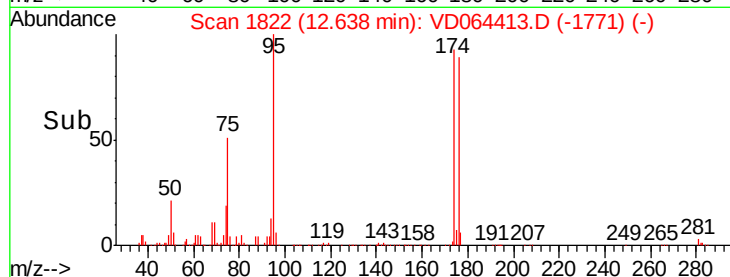
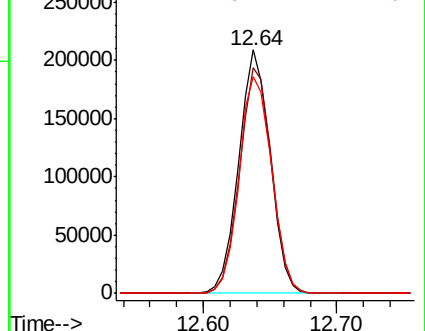
176 92.2 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064413.D

Acq: 04 Dec 2019 13:26

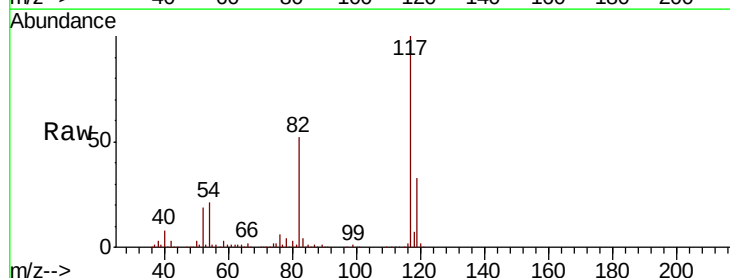
Tgt Ion: 117 Resp: 844350

Ion Ratio Lower Upper

117 100

82 52.0 41.4 62.2

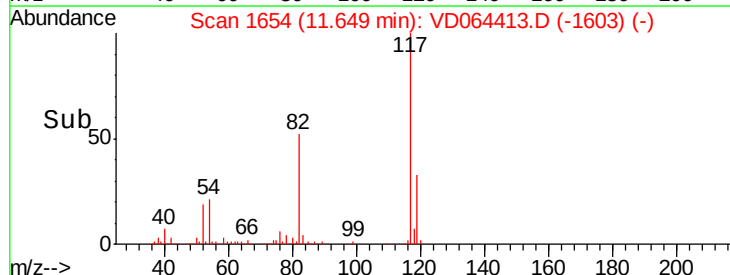
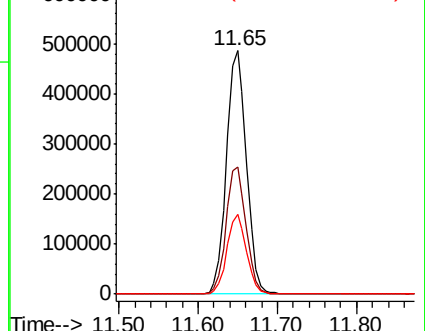
119 32.6 26.2 39.2

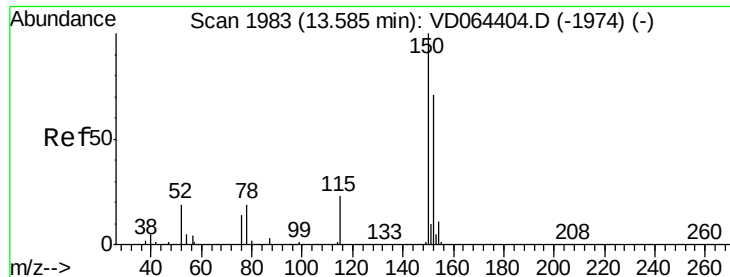


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064413.D

Acq: 04 Dec 2019 13:26

Instrument :

MSVOA_D

ClientSampleId :

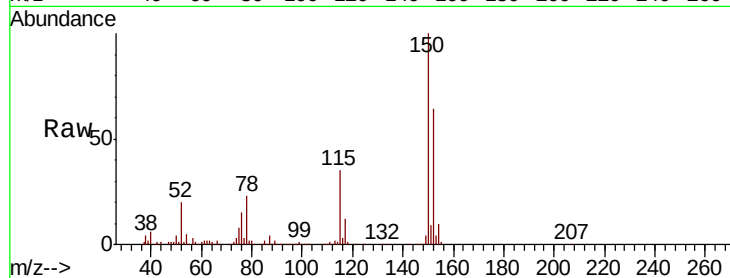
Tot Ion:152 Resp: 335307

Ion Ratio Lower Upper

152 100

115 55.2 26.7 80.1

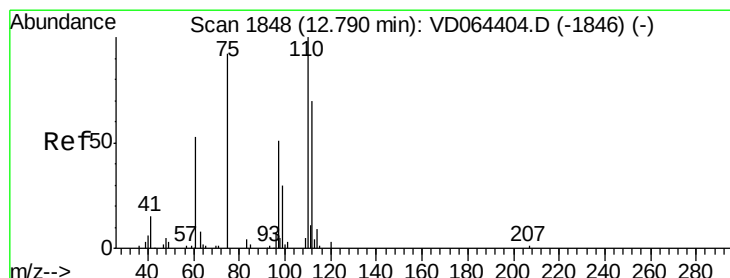
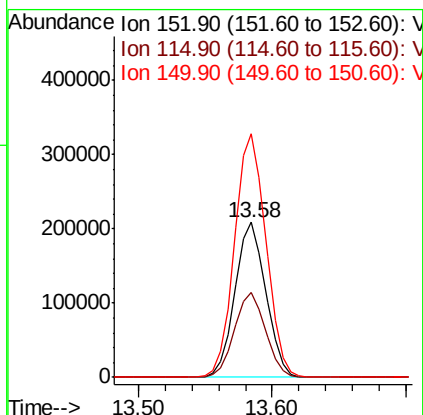
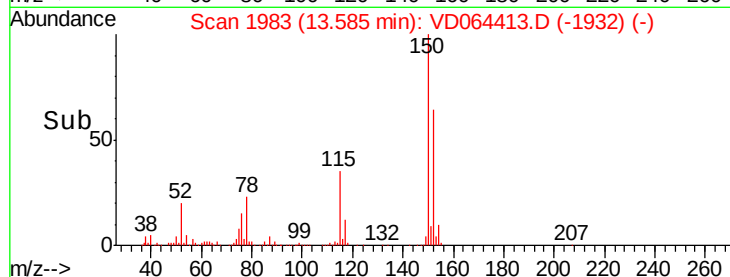
150 159.5 0.0 347.2



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: 64.352 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064413.D

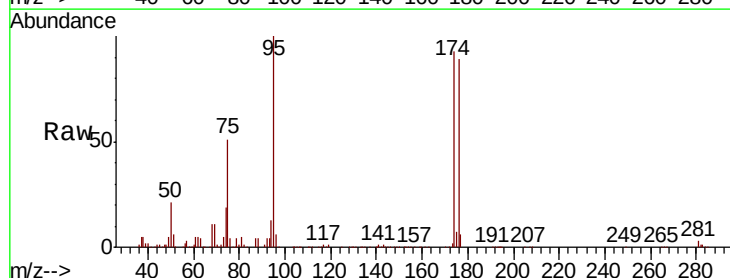
Acq: 04 Dec 2019 13:26

Tgt Ion: 75 Resp: 177449

Ion Ratio Lower Upper

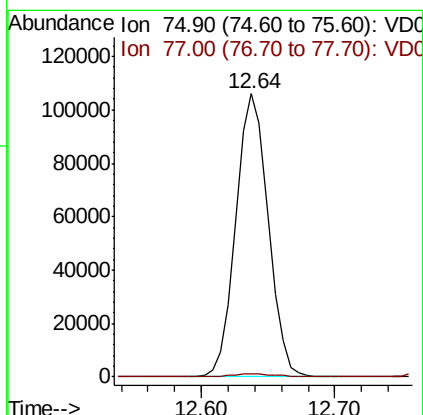
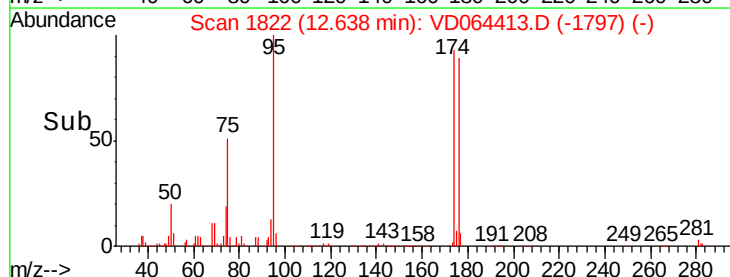
75 100

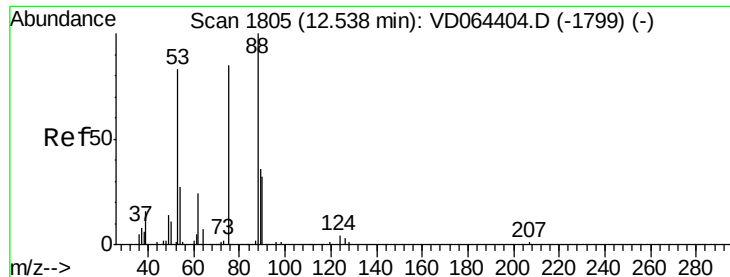
77 1.3 0.0 0.0#



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: 140.322 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064413.D

Acq: 04 Dec 2019 13:26

Instrument :

MSVOA_D

ClientSampleId :

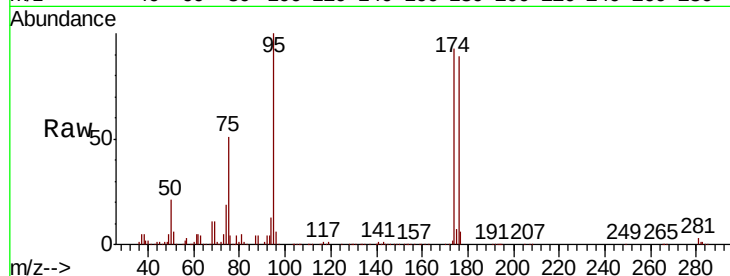
Tot Ion: 75 Resp: 177449

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

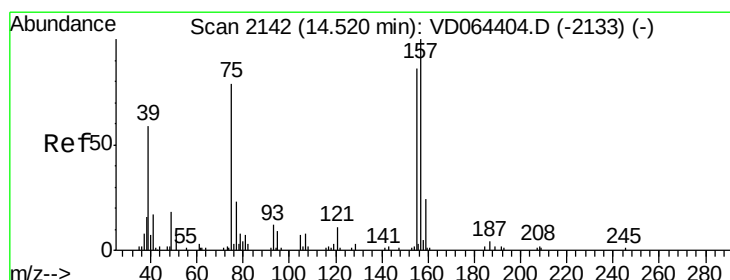
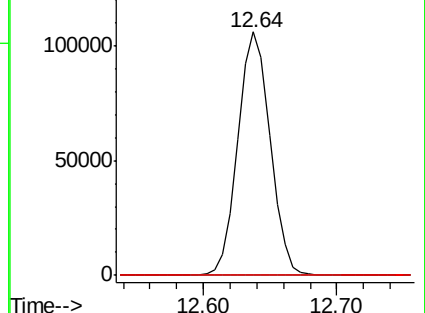
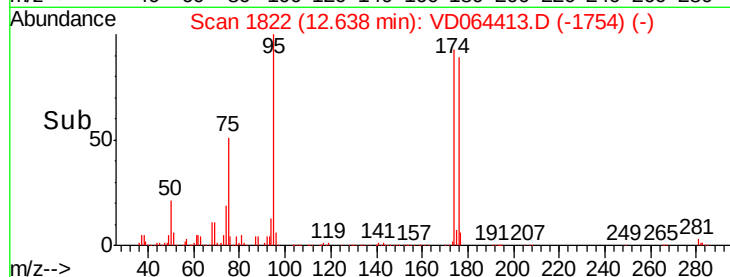
89 0.0 38.5 57.7#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.50 min Scan# 2139

Delta R.T. -0.02 min

Lab File: VD064413.D

Acq: 04 Dec 2019 13:26

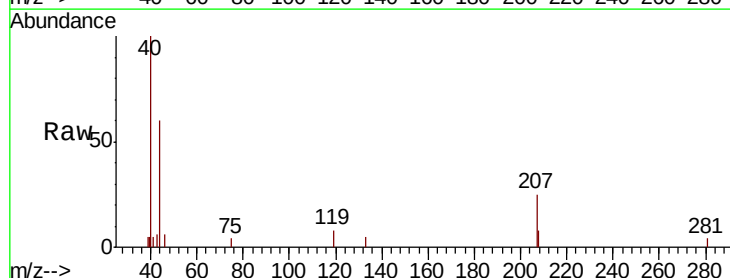
Tgt Ion: 75 Resp: 55

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

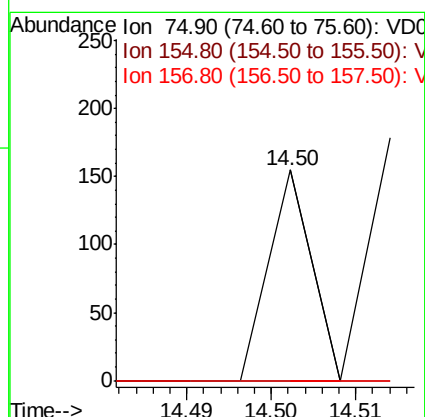
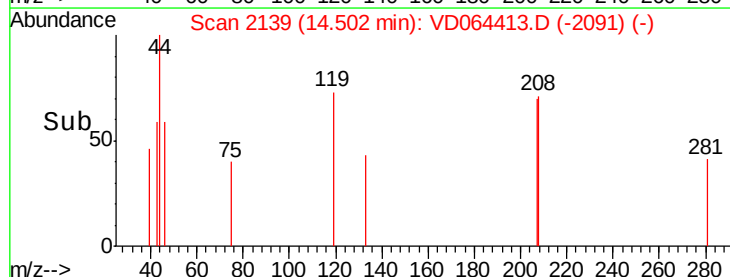
157 0.0 63.2 189.8#

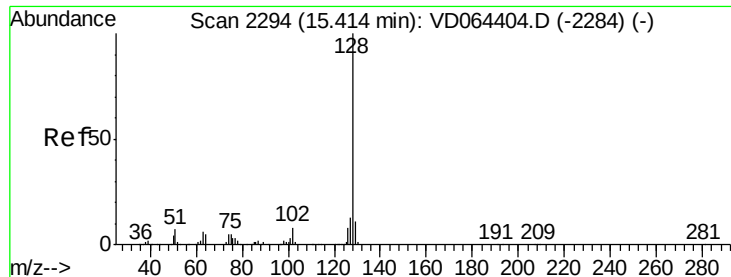


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

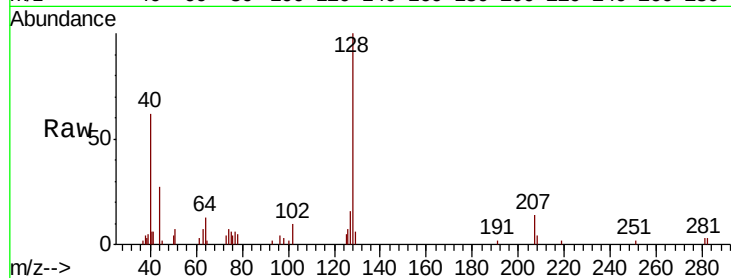




#95
Naphthalene
Concen: 1.129 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064413.D
Acq: 04 Dec 2019 13:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.5	15.7
129	5.6	8.8	13.2



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

