

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064526.D
 Acq On : 16 Dec 2019 16:32
 Operator : VA/SY
 Sample : K6325-04
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Quant Time: Dec 17 03:32:18 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

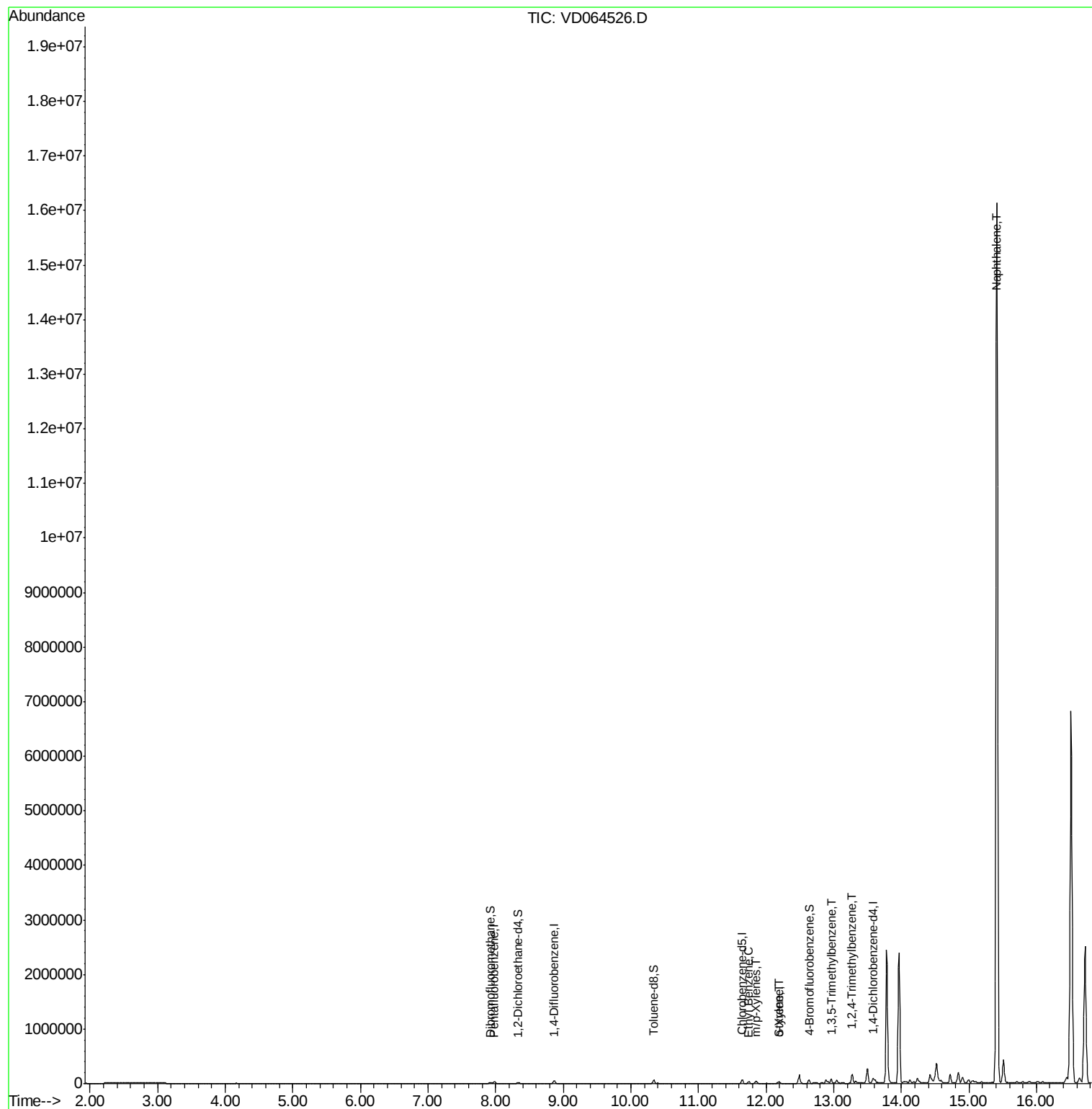
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	23921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	36901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	40381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	24140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	15809	73.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.02%	
35) Dibromofluoromethane	7.92	113	12514	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
50) Toluene-d8	10.34	98	45995	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.64	95	19746	70.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.32%	
Target Compounds						
67) Ethyl Benzene	11.74	91	20468	13.659	ug/l	95
68) m/p-Xylenes	11.85	106	14613	25.576	ug/l	93
69) o-Xylene	12.18	106	7637	14.473	ug/l	93
70) Styrene	12.20	104	6347	6.922	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.97	105	41199	29.038	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	92176	64.611	ug/l	100
95) Naphthalene	15.41	128	13689750	15401.717	ug/l	97

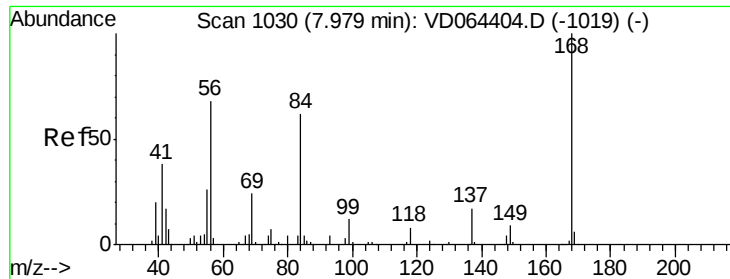
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

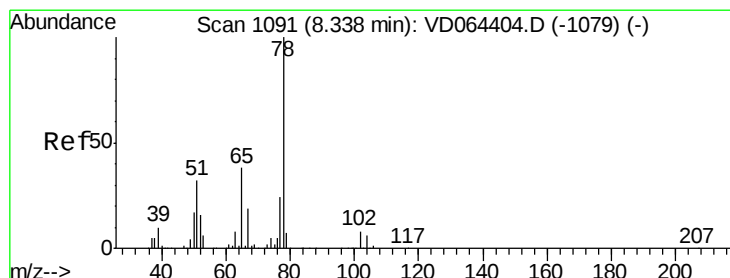
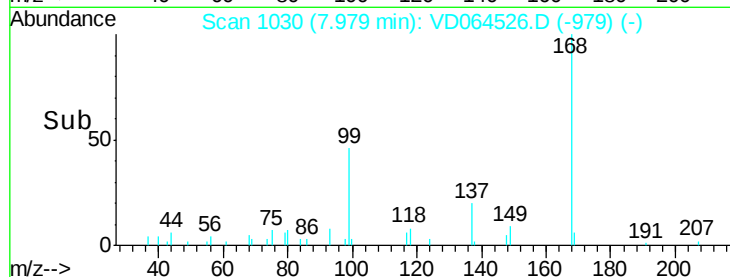
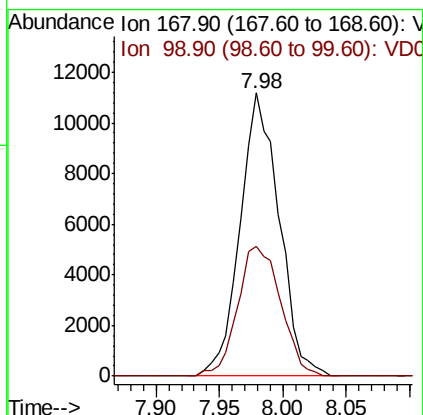
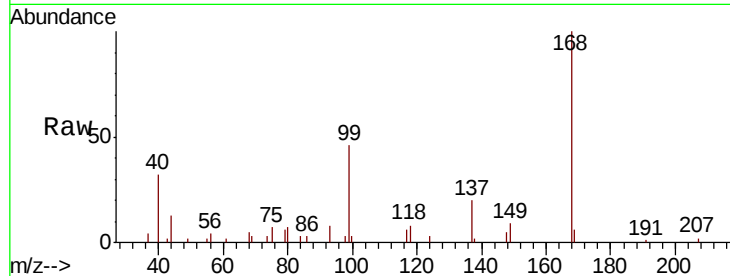




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

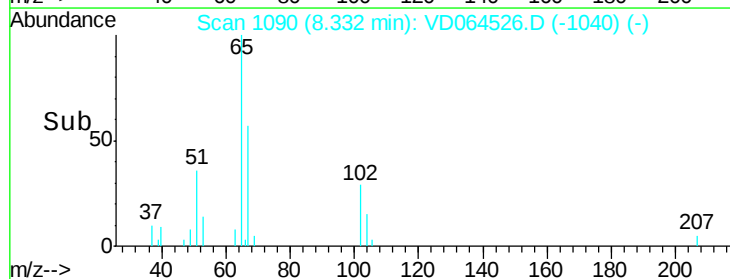
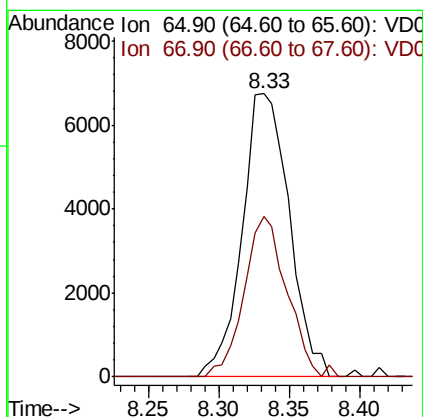
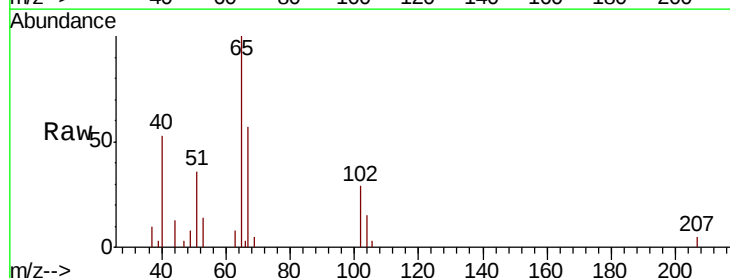
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

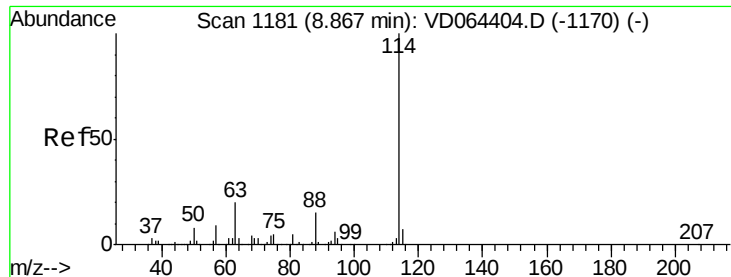
Tot Ion:168 Resp: 23921
Ion Ratio Lower Upper
168 100
99 46.1 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 73.014 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 65 Resp: 15809
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

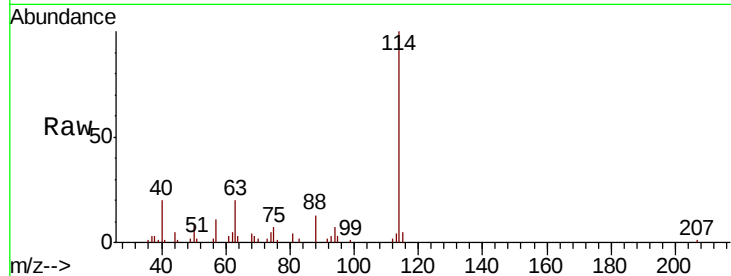




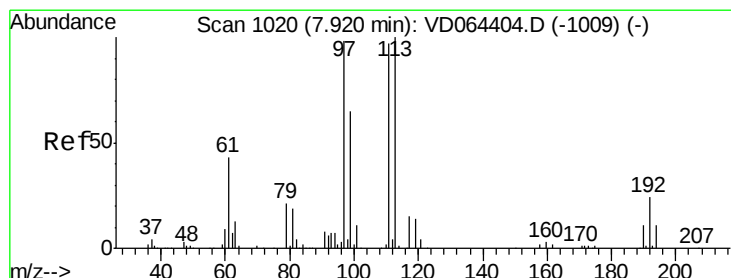
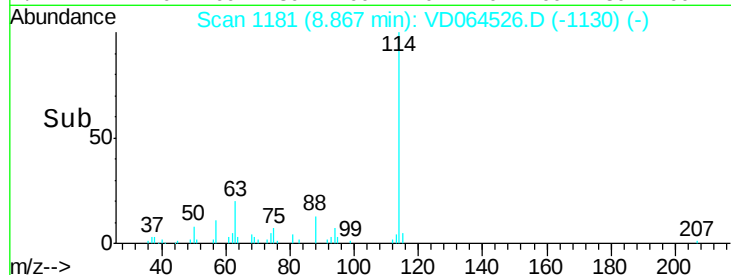
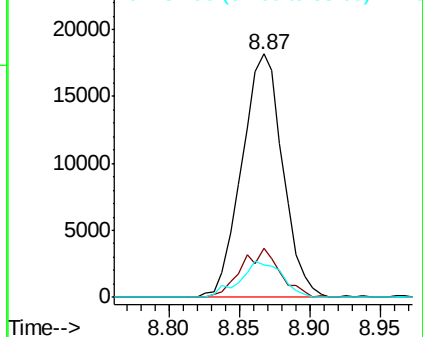
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Tot Ion:114 Resp: 36901
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 13.2 0.0 29.2

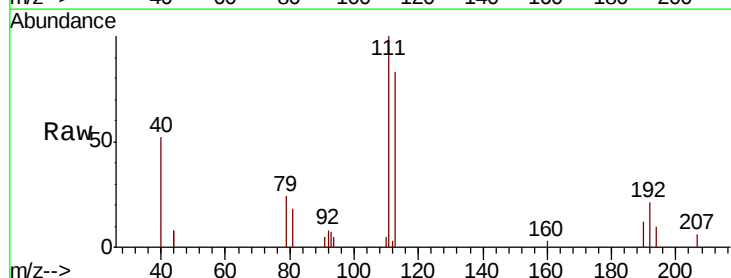


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

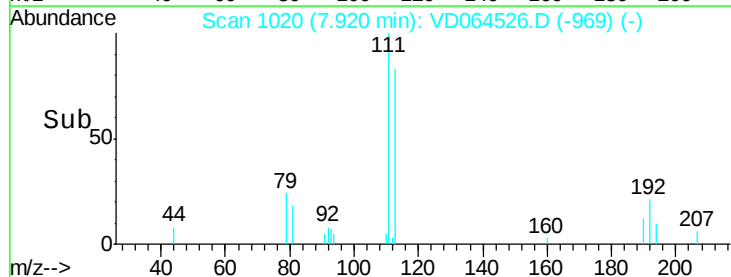
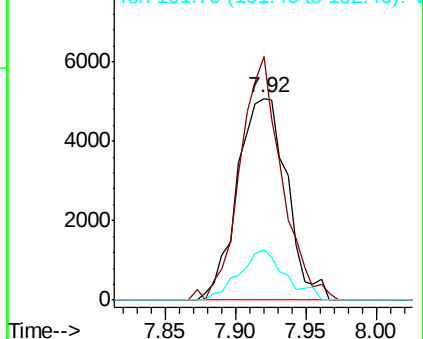


#35
 Dibromofluoromethane
 Concen: 53.825 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion:113 Resp: 12514
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.4 119.2
 192 23.1 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.519 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

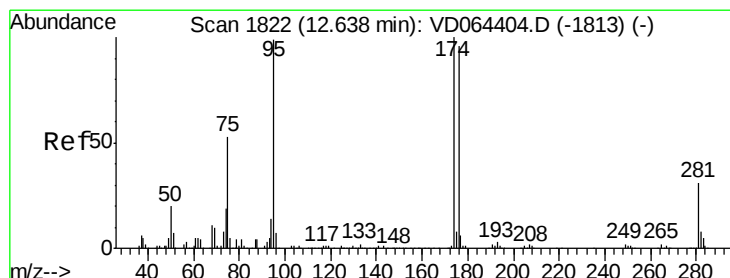
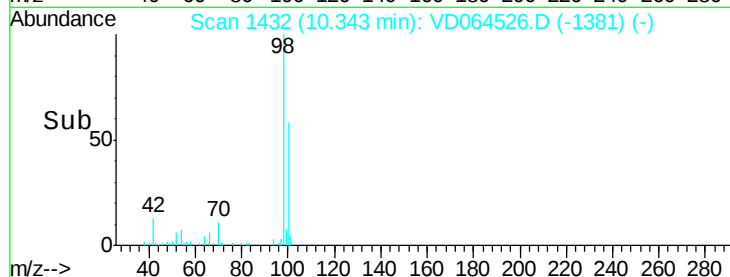
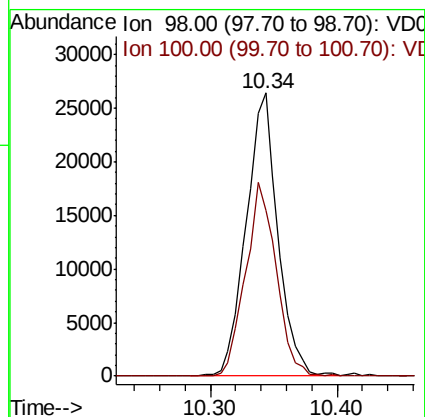
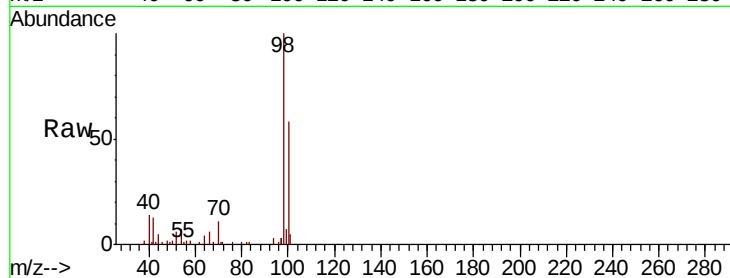
RT-3425

Tot Ion: 98 Resp: 45995

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 70.158 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

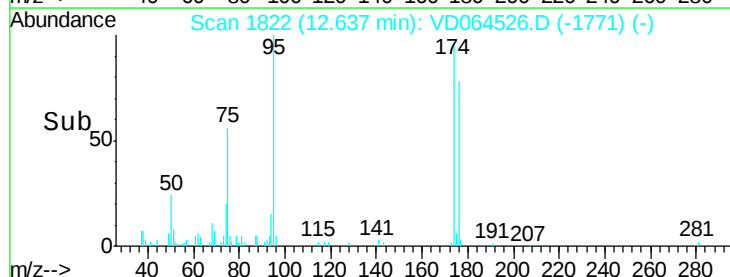
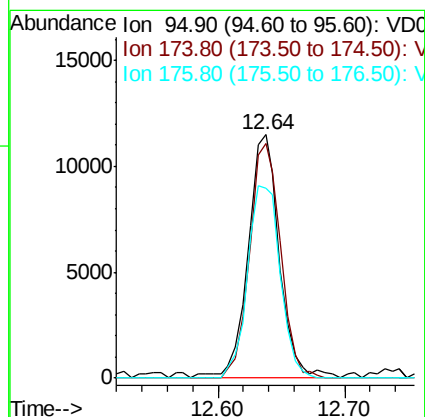
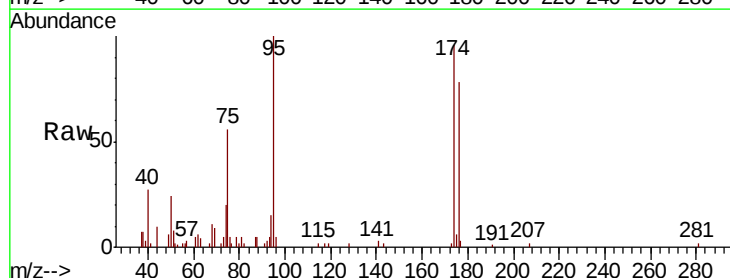
Tgt Ion: 95 Resp: 19746

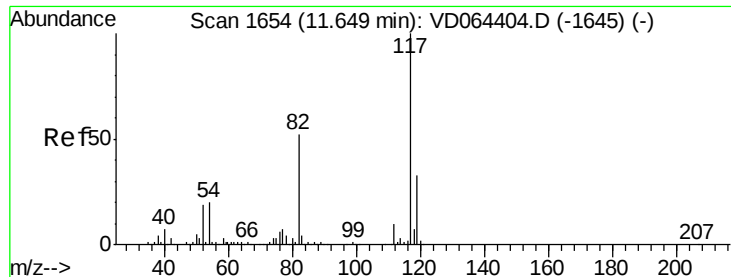
Ion Ratio Lower Upper

95 100

174 95.1 0.0 197.2

176 82.5 0.0 189.6

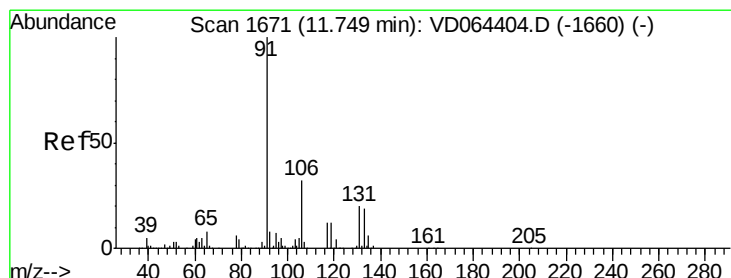
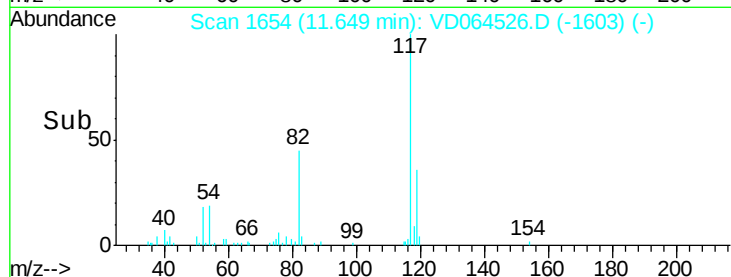
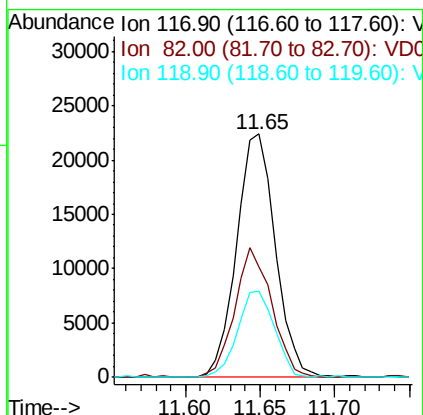
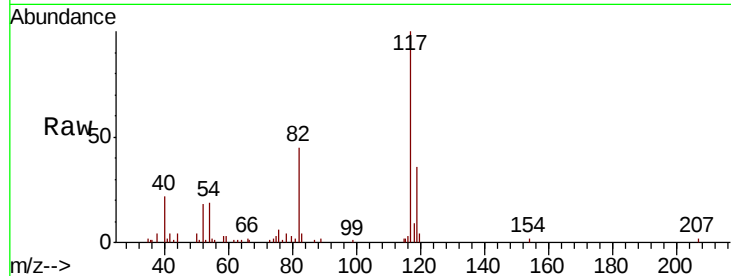




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

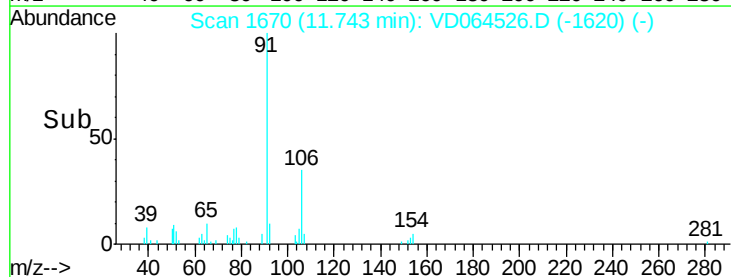
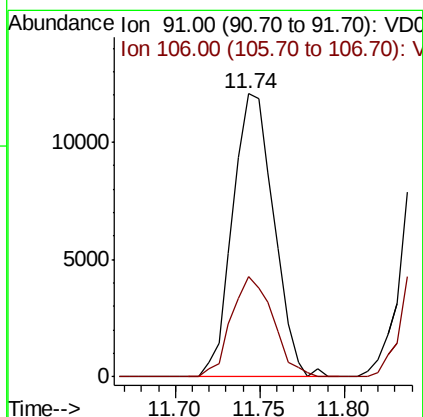
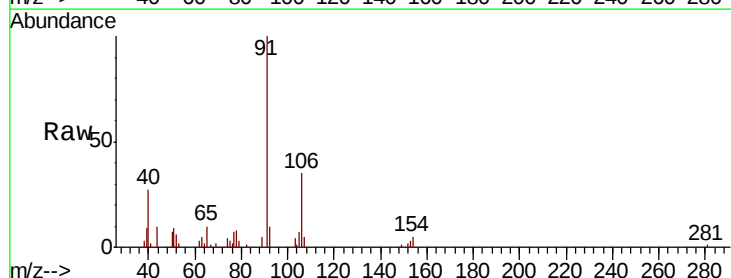
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

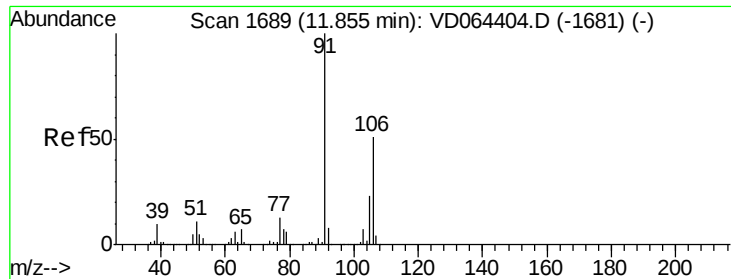
Tot Ion:117 Resp: 40381
Ion Ratio Lower Upper
117 100
82 45.4 41.4 62.2
119 35.5 26.2 39.2



#67
Ethyl Benzene
Concen: 13.659 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 91 Resp: 20468
Ion Ratio Lower Upper
91 100
106 35.3 25.8 38.8

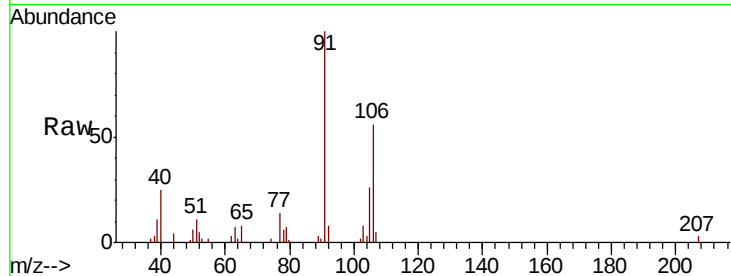




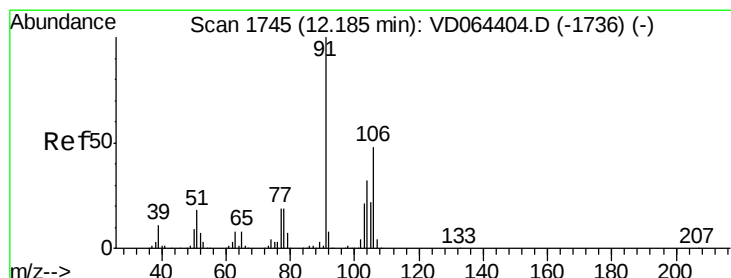
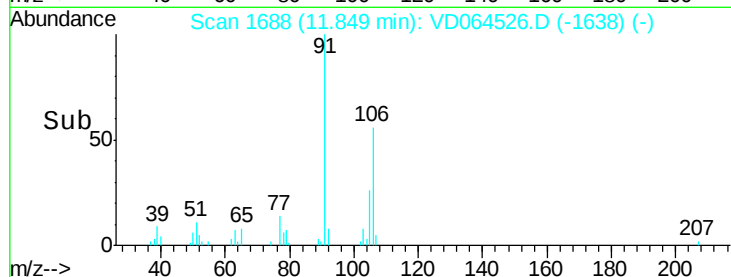
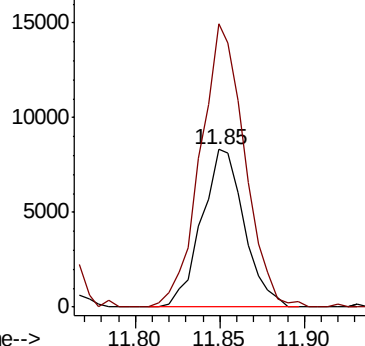
#68
m/p-Xylenes
Concen: 25.576 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tot Ion:106 Resp: 14613
Ion Ratio Lower Upper
106 100
91 186.4 157.4 236.2

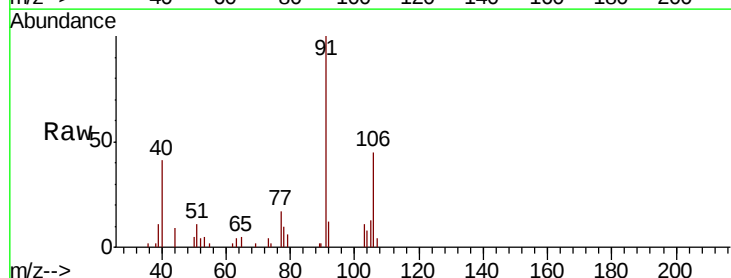


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

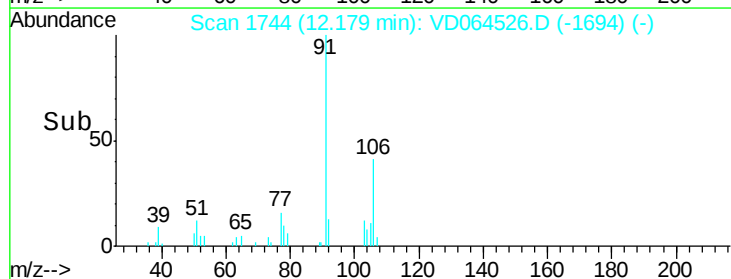
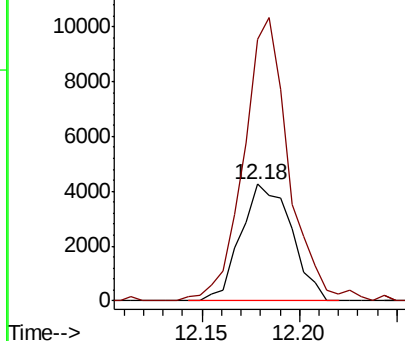


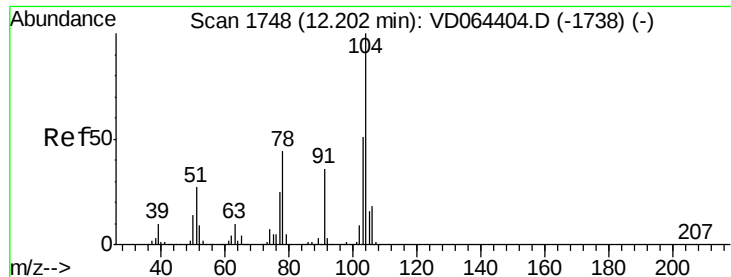
#69
o-Xylene
Concen: 14.473 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion:106 Resp: 7637
Ion Ratio Lower Upper
106 100
91 217.9 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

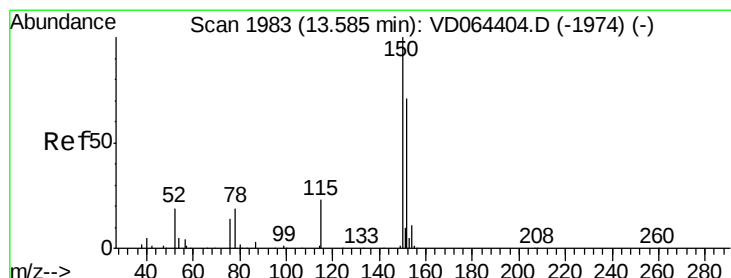
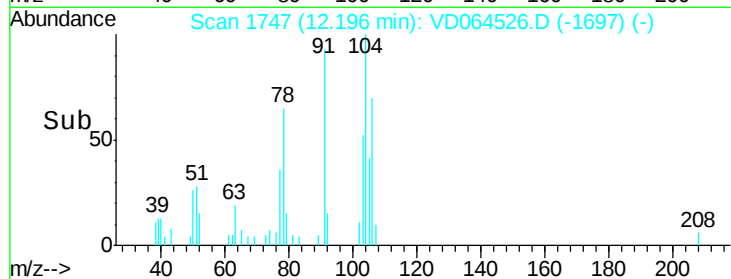
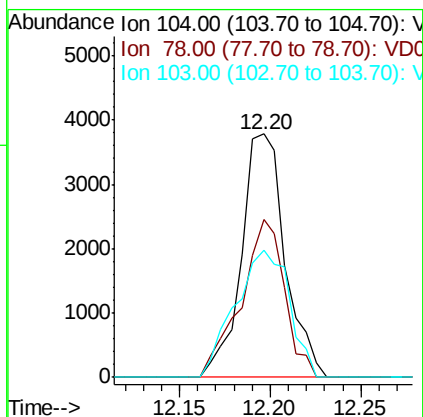
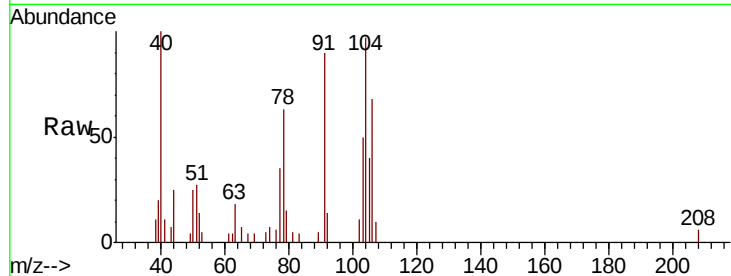




#70
Stvrene
Concen: 6.922 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

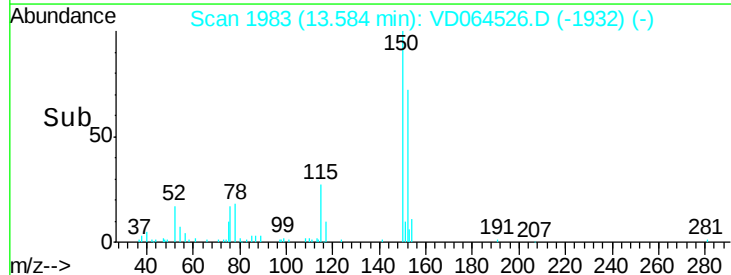
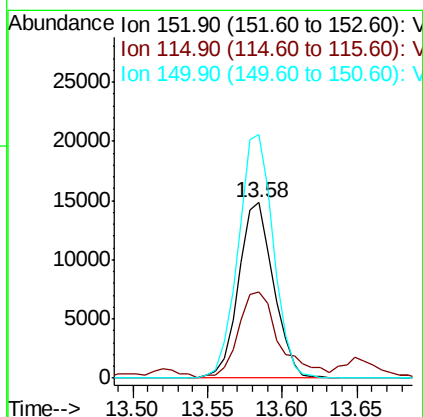
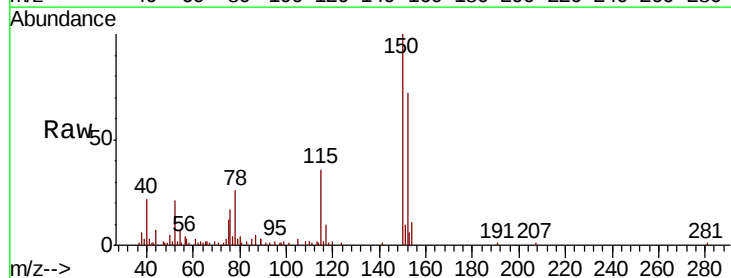
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MSVOA_D
ClientSampleId :
RT-3425

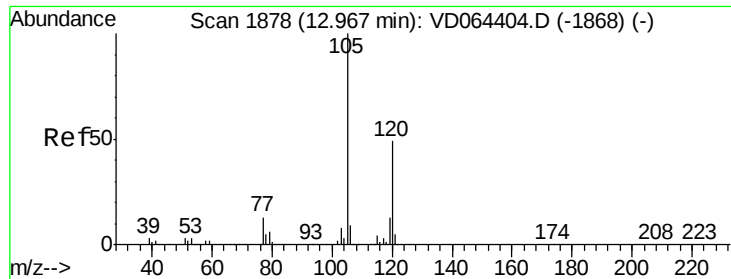
Tot Ion:104 Resp: 6347
Ion Ratio Lower Upper
104 100
78 64.7 38.8 58.2#
103 64.5 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion:152 Resp: 24140
Ion Ratio Lower Upper
152 100
115 58.6 26.7 80.1
150 138.8 0.0 347.2





#80

1,3,5-Trimethylbenzene

Concen: 29.038 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

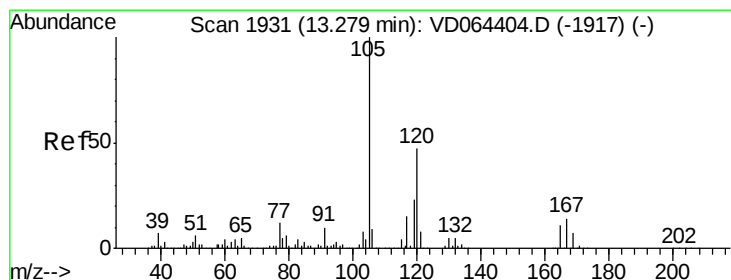
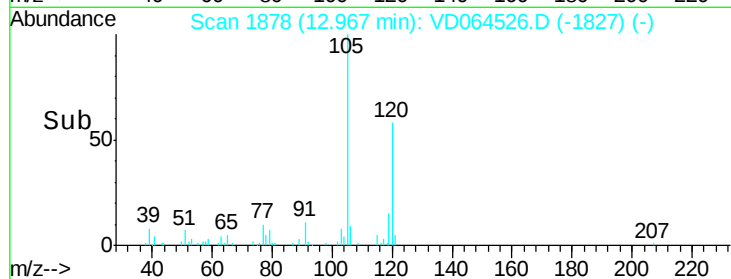
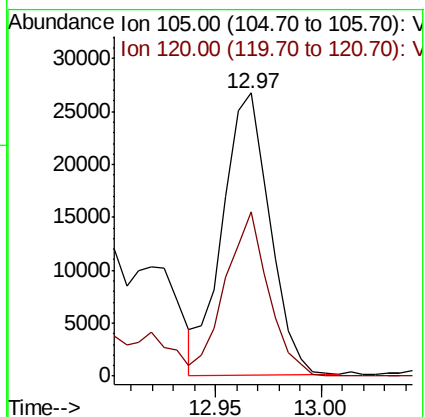
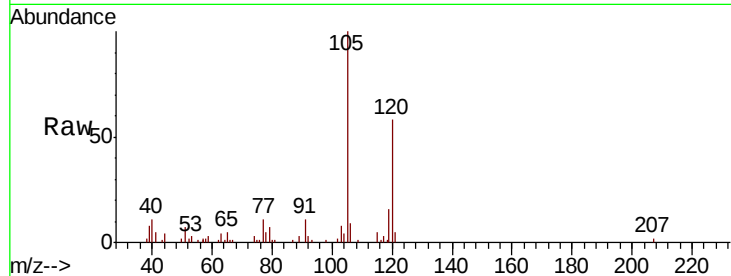
RT-3425

Tot Ion:105 Resp: 41199

Ion Ratio Lower Upper

105 100

120 53.6 25.1 75.3



#84

1,2,4-Trimethylbenzene

Concen: 64.611 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.01 min

Lab File: VD064526.D

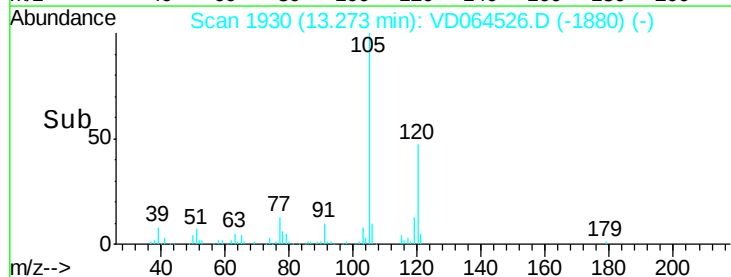
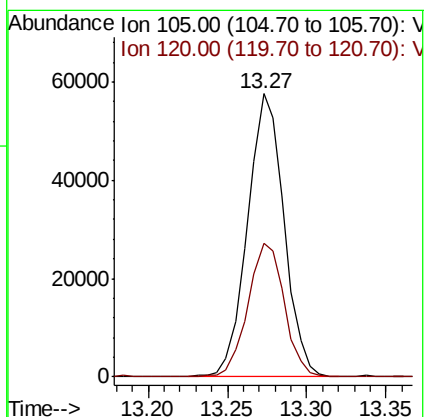
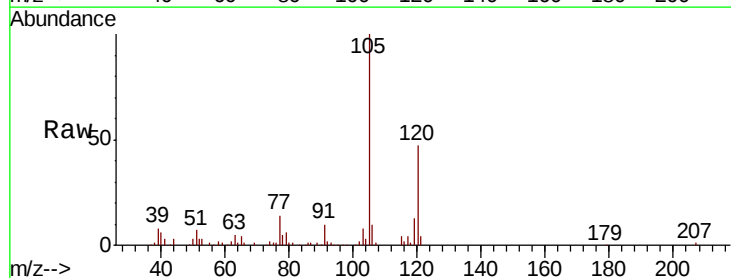
Acq: 16 Dec 2019 16:32

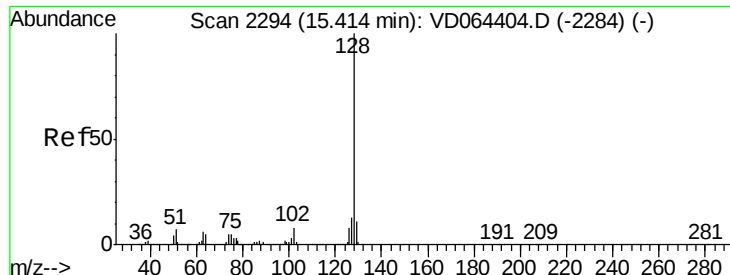
Tgt Ion:105 Resp: 92176

Ion Ratio Lower Upper

105 100

120 47.3 23.6 70.8





#95

Naphthalene

Concen: 15401.717 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

RT-3425

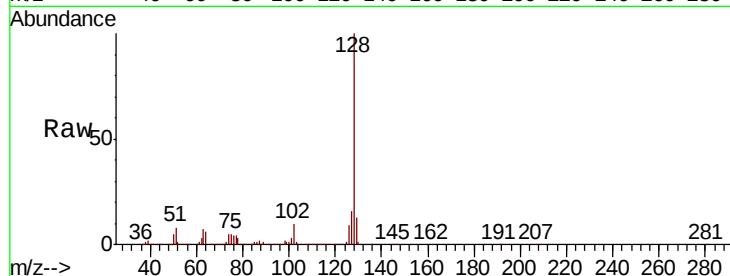
Tot Ion:128 Resp:13689750

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 12.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
1e+07 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

