

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064094.D
 Acq On : 29 Oct 2019 17:45
 Operator : VA/SY
 Sample : K5149-07
 Misc : 7.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-102819

Quant Time: Oct 30 08:29:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

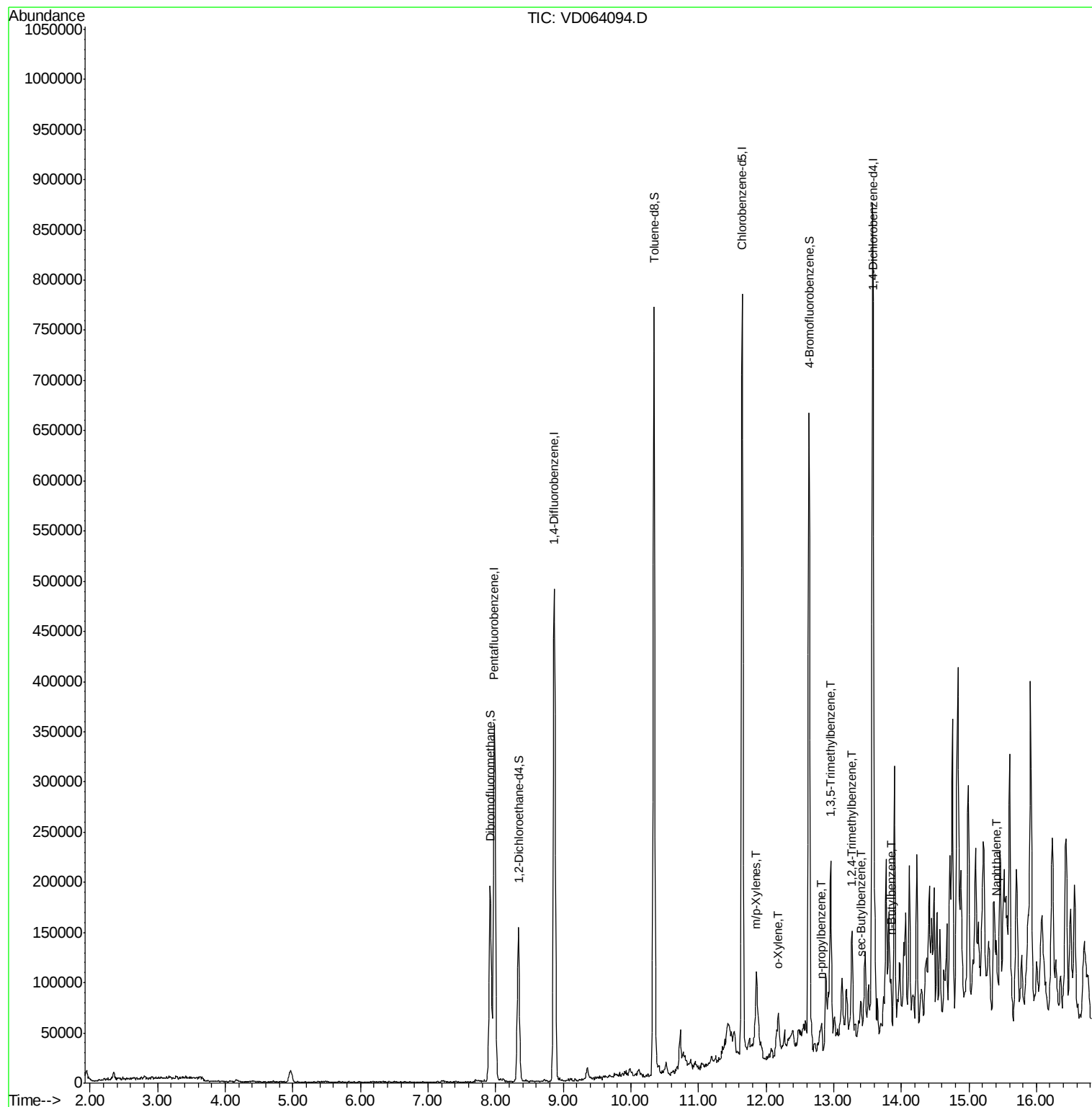
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	449608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	446530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	117723	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	7.92	113	133050	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.34	98	537135	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.64	95	183843	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.85	106	13667	2.071	ug/l	84
69) o-Xylene	12.18	106	11360	1.886	ug/l	90
78) n-propylbenzene	12.82	91	18264	1.046	ug/l	92
80) 1,3,5-Trimethylbenzene	12.96	105	36513	2.927	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	58973	4.706	ug/l	99
85) sec-Butylbenzene	13.40	105	15860	1.031	ug/l	80
89) n-Butylbenzene	13.85	91	24138	1.810	ug/l #	72
95) Naphthalene	15.41	128	34272	4.711	ug/l #	85

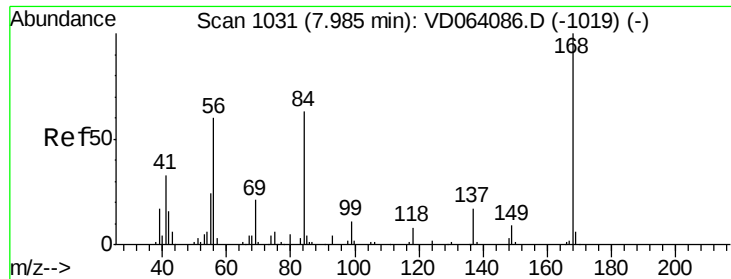
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
Data File : VD064094.D
Acq On : 29 Oct 2019 17:45
Operator : VA/SY
Sample : K5149-07
Misc : 7.43G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-102819

Quant Time: Oct 30 08:29:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064094.D

Acq: 29 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

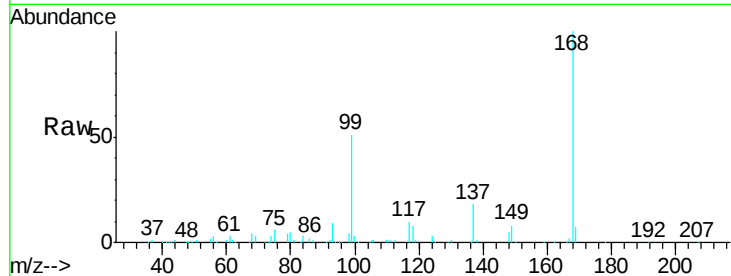
EO-01-102819

Tgt Ion:168 Resp: 280172

Ion Ratio Lower Upper

168 100

99 51.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

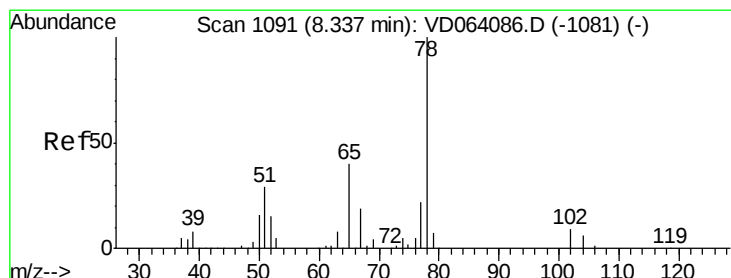
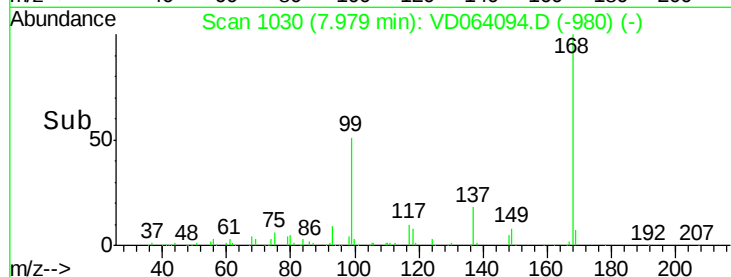
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.832 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064094.D

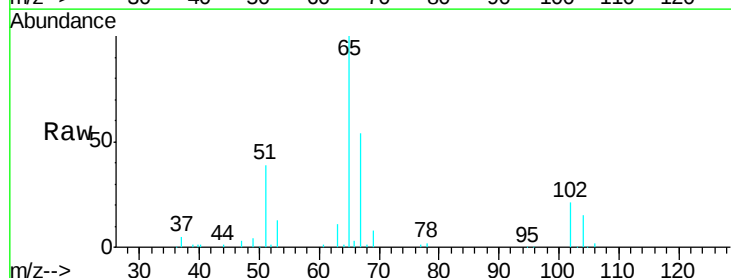
Acq: 29 Oct 2019 17:45

Tgt Ion: 65 Resp: 117723

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

30000

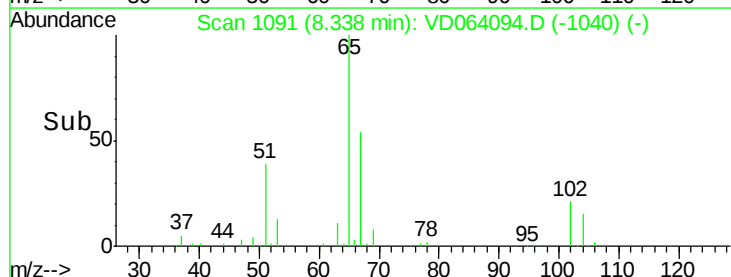
20000

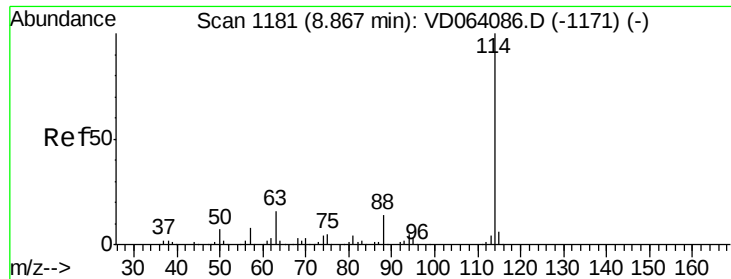
10000

0

8.25 8.30 8.35 8.40

Time-->

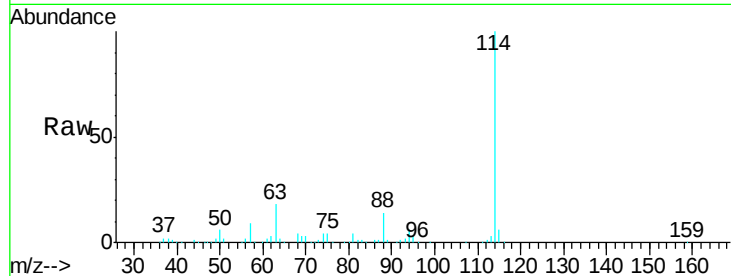




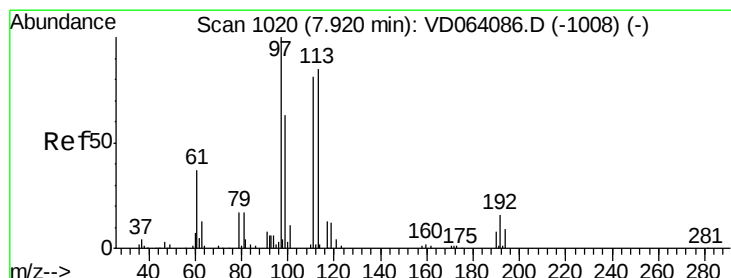
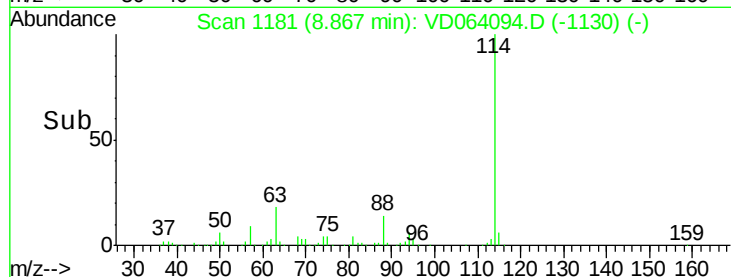
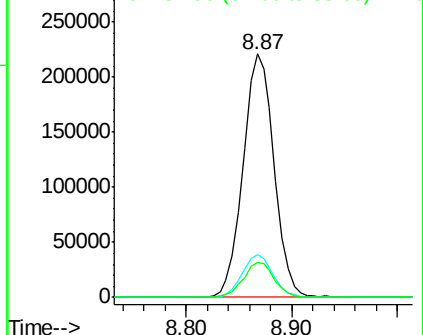
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064094.D
 Acq: 29 Oct 2019 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-102819

Tgt Ion:114 Resp: 449608
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 32.8
 88 14.5 0.0 27.6

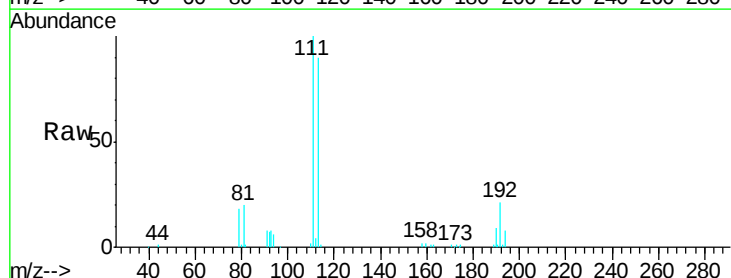


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

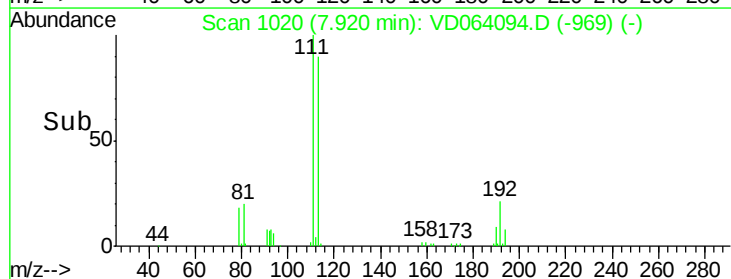
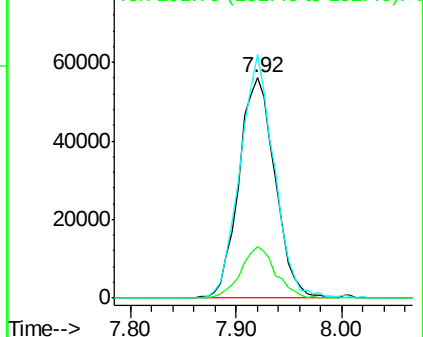


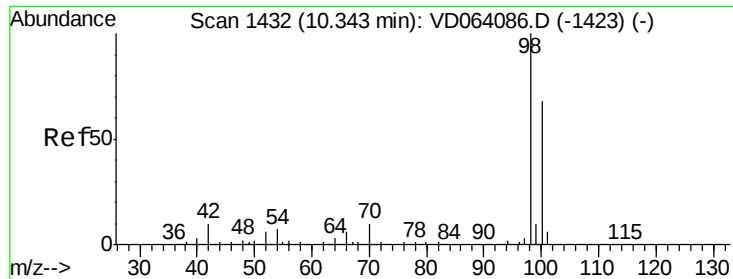
#35
 Dibromofluoromethane
 Concen: 48.100 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064094.D
 Acq: 29 Oct 2019 17:45

Tgt Ion:113 Resp: 133050
 Ion Ratio Lower Upper
 113 100
 111 104.8 79.3 118.9
 192 22.3 16.2 24.2



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: 48.556 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064094.D

Acq: 29 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

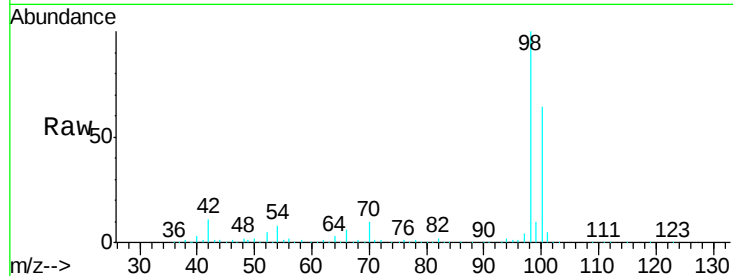
EO-01-102819

Tgt Ion: 98 Resp: 537135

Ion Ratio Lower Upper

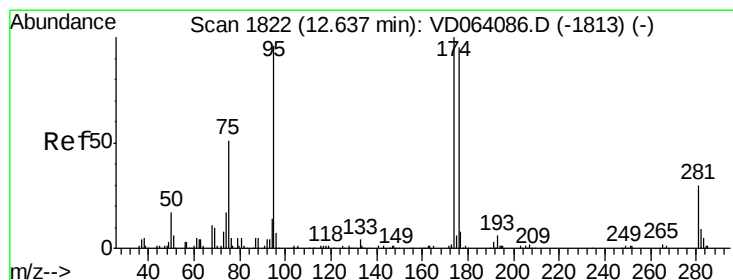
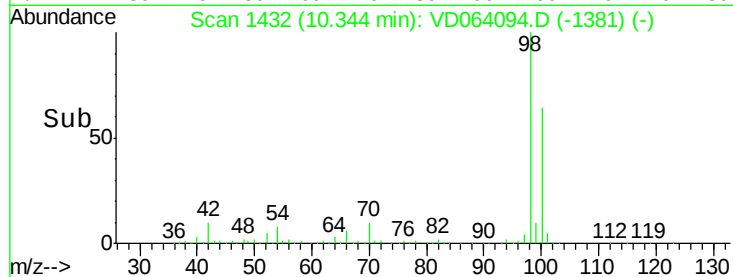
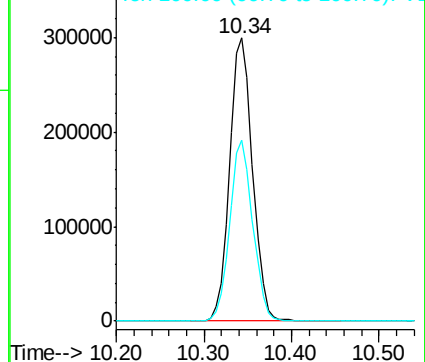
98 100

100 63.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.128 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064094.D

Acq: 29 Oct 2019 17:45

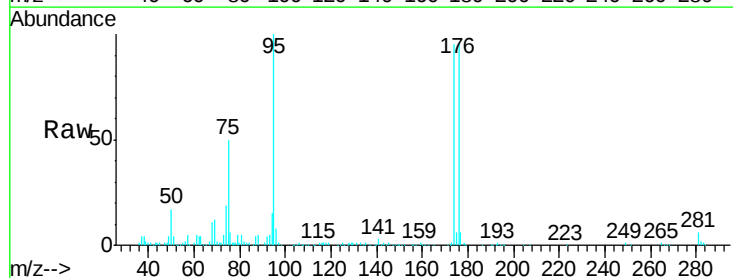
Tgt Ion: 95 Resp: 183843

Ion Ratio Lower Upper

95 100

174 96.8 0.0 201.6

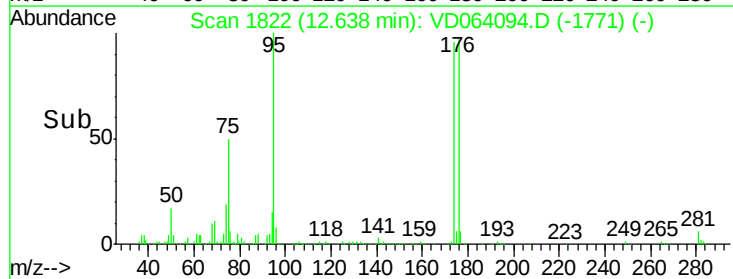
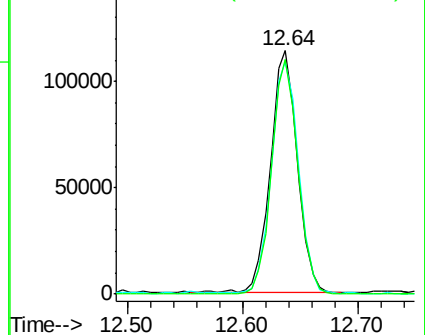
176 94.9 0.0 192.6

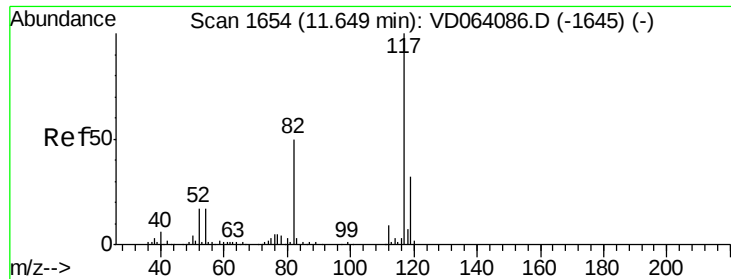


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

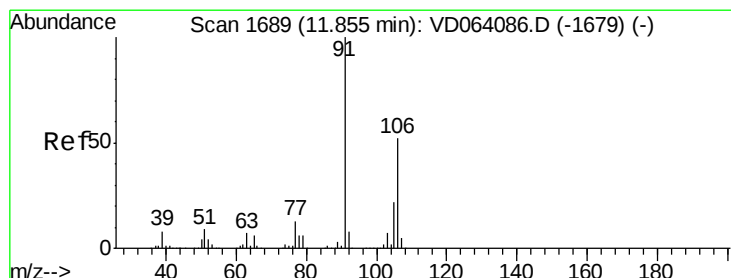
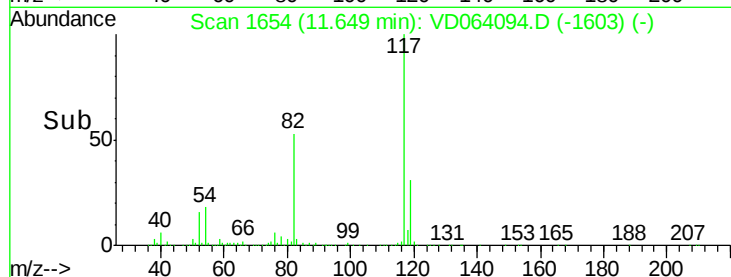
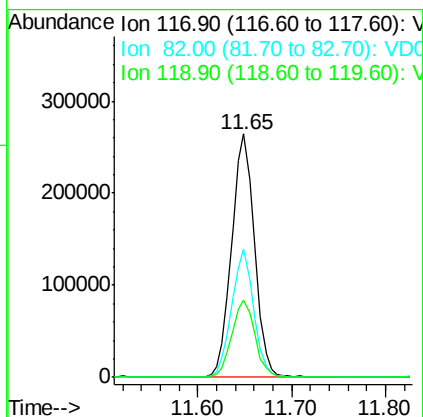
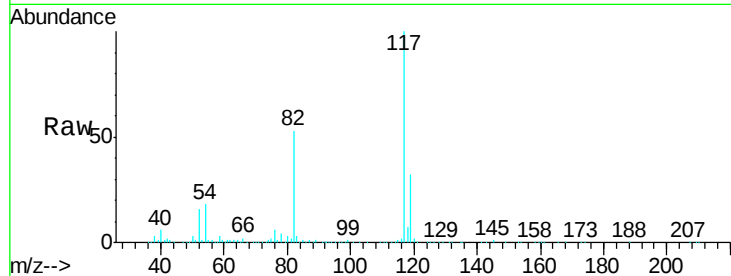




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064094.D
Acq: 29 Oct 2019 17:45

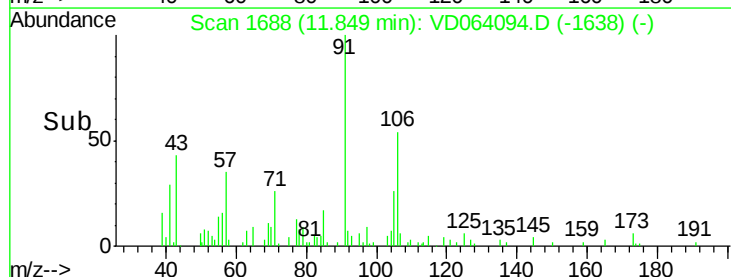
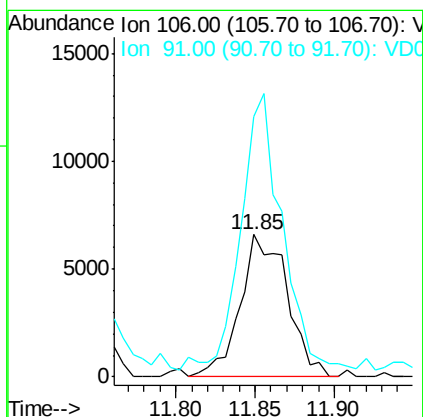
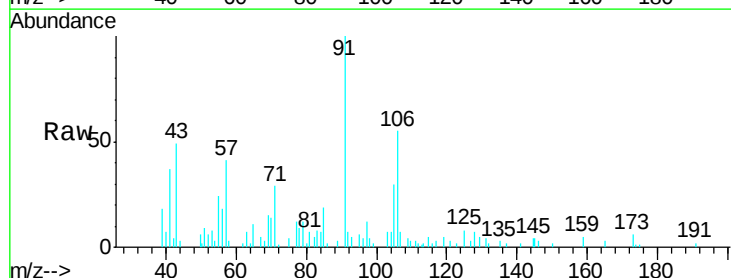
Instrument :
MSVOA_D
ClientSampleId :
EO-01-102819

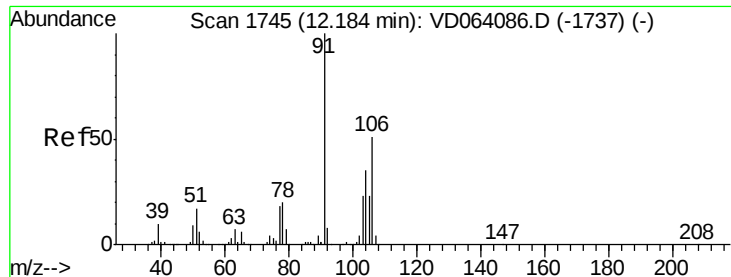
Tgt Ion:117 Resp: 446530
Ion Ratio Lower Upper
117 100
82 52.6 40.2 60.4
119 31.5 26.0 39.0



#68
m/p-Xylenes
Concen: 2.071 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064094.D
Acq: 29 Oct 2019 17:45

Tgt Ion:106 Resp: 13667
Ion Ratio Lower Upper
106 100
91 168.7 154.0 231.0

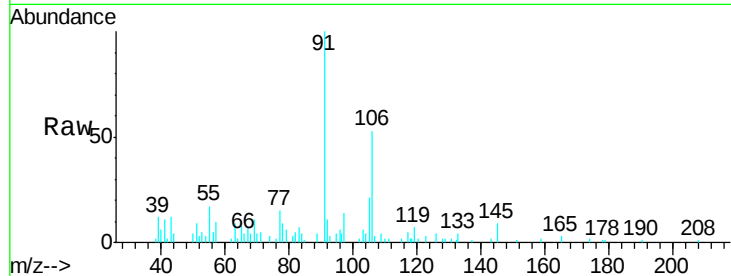




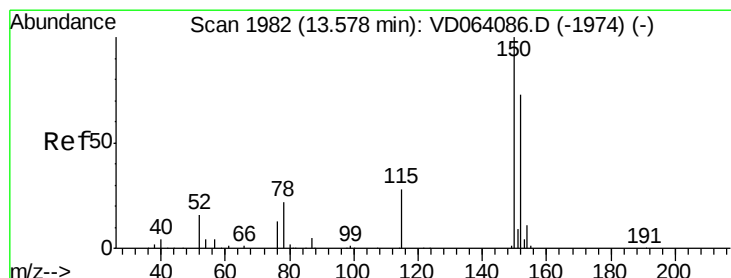
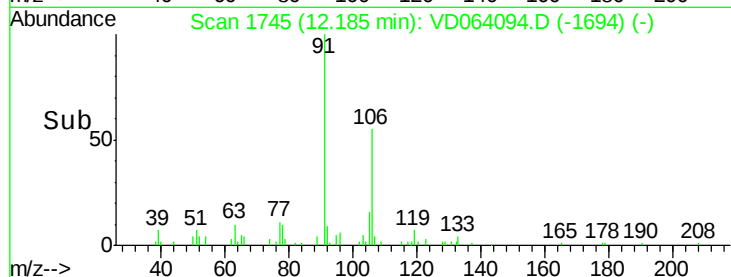
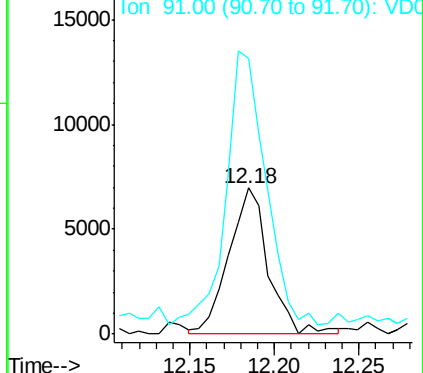
#69
o-Xylene
Concen: 1.886 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064094.D
Acq: 29 Oct 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
EO-01-102819

Tgt Ion:106 Resp: 11360
Ion Ratio Lower Upper
106 100
91 186.0 100.6 301.9

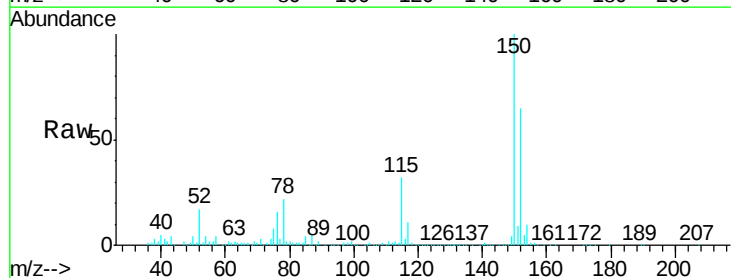


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

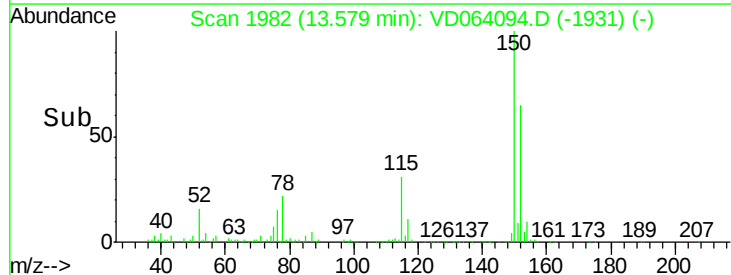
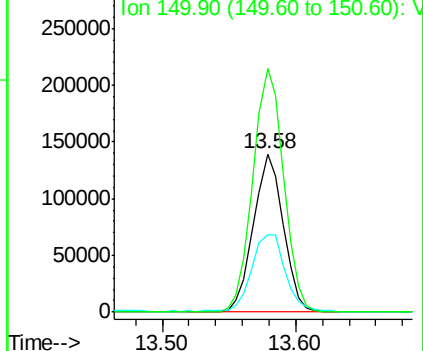


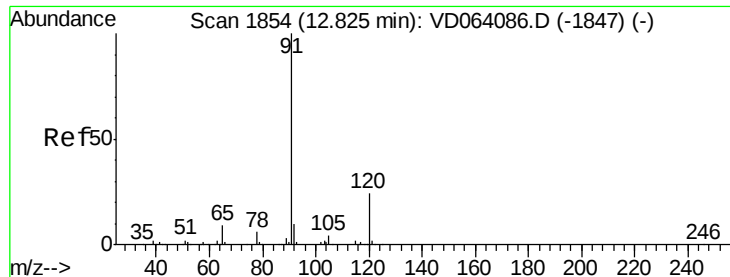
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064094.D
Acq: 29 Oct 2019 17:45

Tgt Ion:152 Resp: 214478
Ion Ratio Lower Upper
152 100
115 55.7 26.2 78.6
150 159.0 0.0 338.8



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





#78

n-propylbenzene

Concen: 1.046 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD064094.D

Acq: 29 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

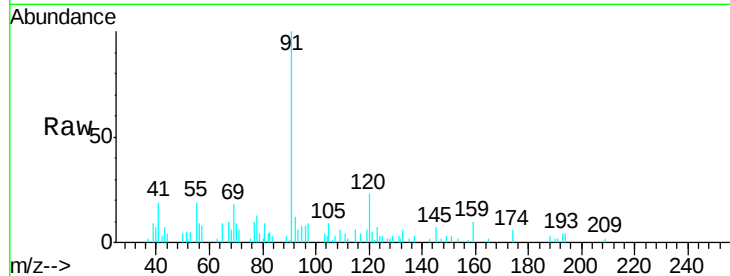
EO-01-102819

Tgt Ion: 91 Resp: 18264

Ion Ratio Lower Upper

91 100

120 28.4 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

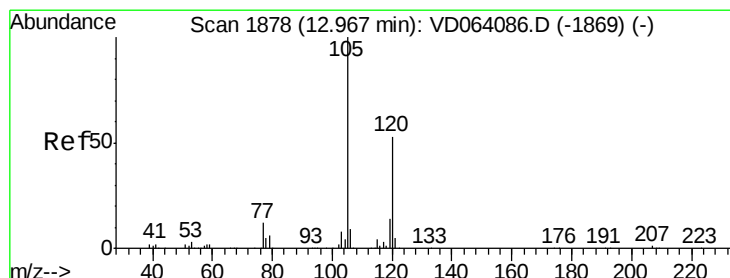
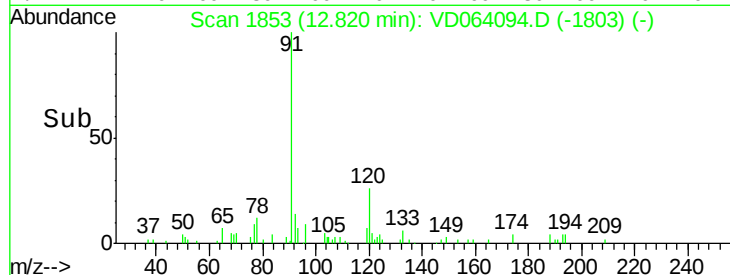
6000

4000

2000

0

Time--> 12.75 12.80 12.85



#80

1,3,5-Trimethylbenzene

Concen: 2.927 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064094.D

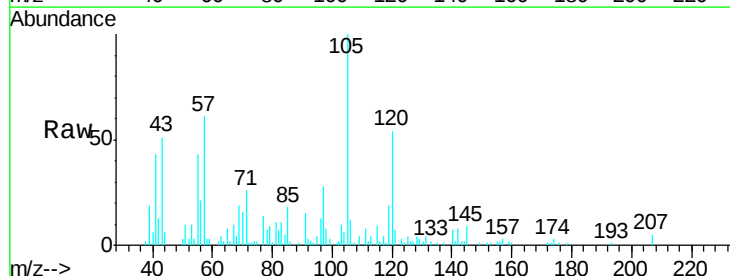
Acq: 29 Oct 2019 17:45

Tgt Ion: 105 Resp: 36513

Ion Ratio Lower Upper

105 100

120 47.8 25.8 77.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

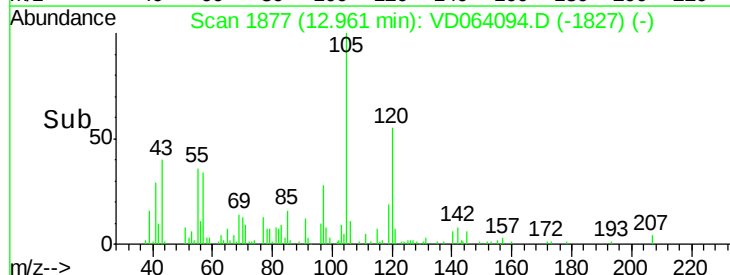
15000

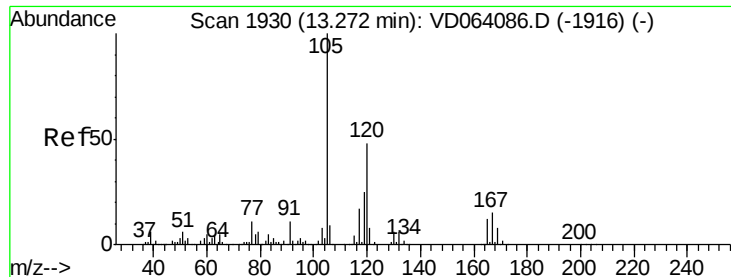
10000

5000

0

Time--> 12.95 13.00 13.05





#84

1,2,4-Trimethylbenzene

Concen: 4.706 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD064094.D

Acq: 29 Oct 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

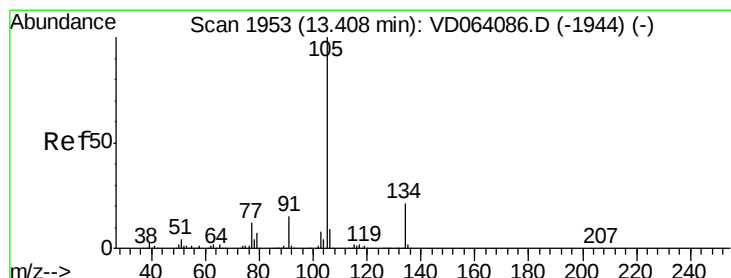
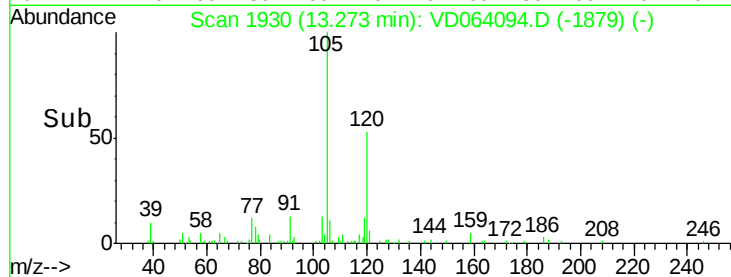
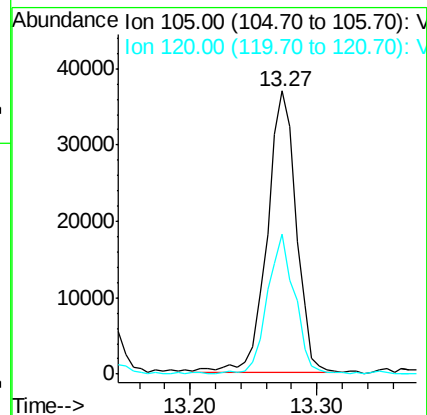
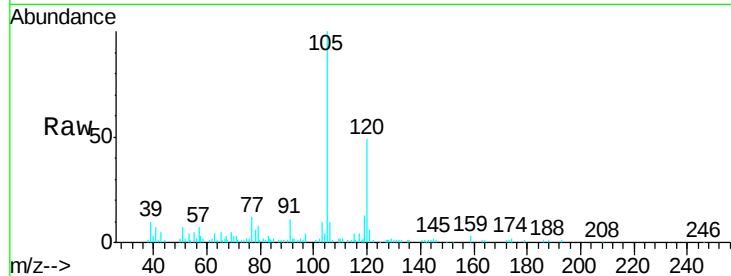
EO-01-102819

Tgt Ion:105 Resp: 58973

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.4



#85

sec-Butylbenzene

Concen: 1.031 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD064094.D

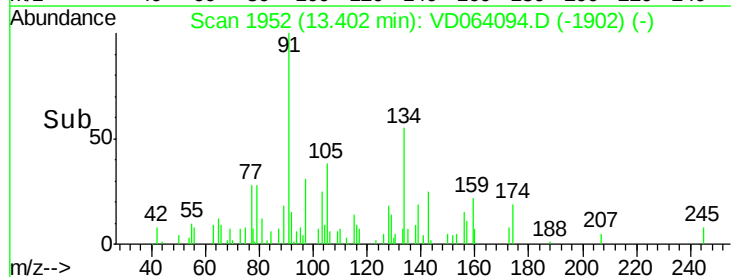
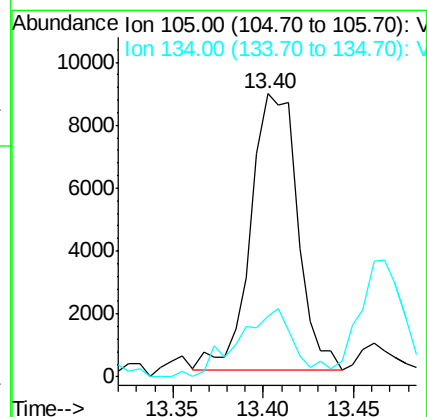
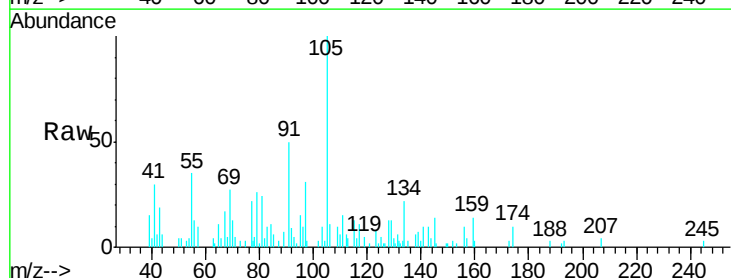
Acq: 29 Oct 2019 17:45

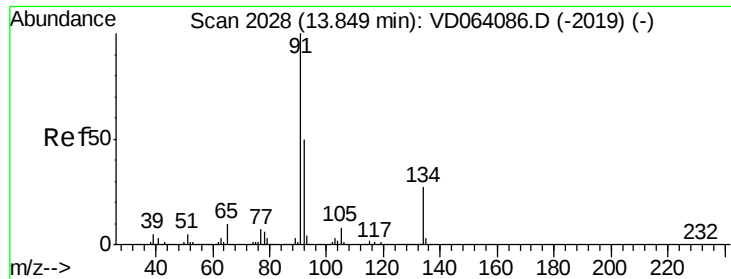
Tgt Ion:105 Resp: 15860

Ion Ratio Lower Upper

105 100

134 30.1 10.4 31.2

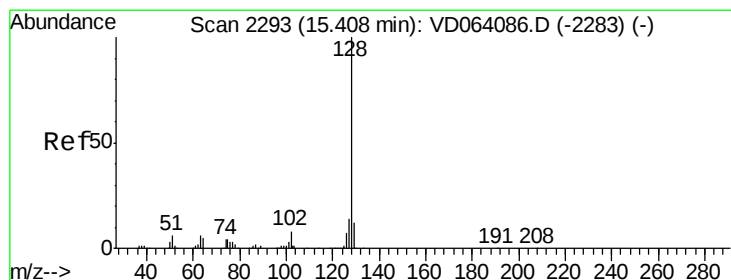
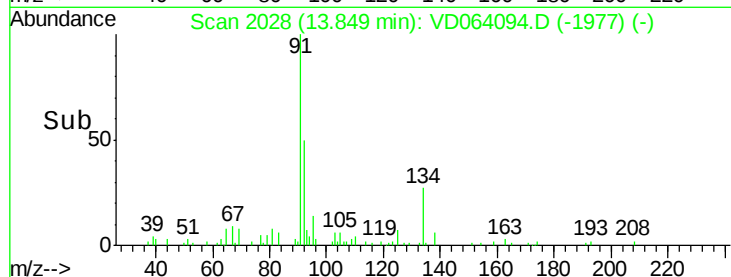
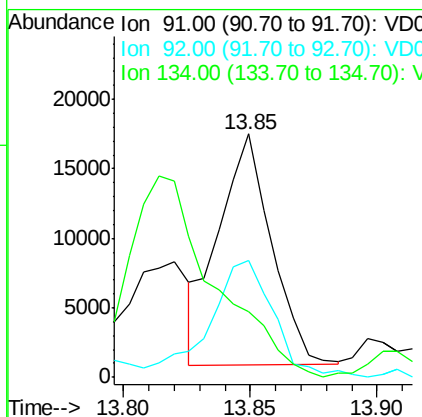
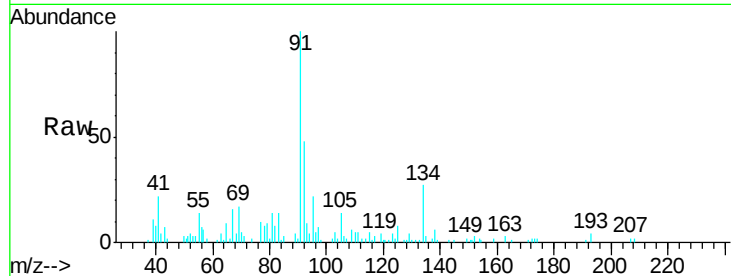




#89
n-Butylbenzene
Concen: 1.810 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064094.D
Acq: 29 Oct 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
EO-01-102819

Tgt Ion: 91 Resp: 24138
Ion Ratio Lower Upper
91 100
92 61.4 25.6 76.6
134 0.0 14.0 42.0#



#95
Naphthalene
Concen: 4.711 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD064094.D
Acq: 29 Oct 2019 17:45

Tgt Ion: 128 Resp: 34272
Ion Ratio Lower Upper
128 100
127 19.6 10.9 16.3#
129 5.1 8.8 13.2#

