

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064446.D
 Acq On : 05 Dec 2019 19:55
 Operator : VA/SY
 Sample : K6177-10
 Misc : 7.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-8

Quant Time: Dec 06 05:57:14 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	710557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1052658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	947182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	555441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	292836	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.92	113	311663	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	10.34	98	1255403	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.64	95	454091	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	

Target Compounds

					Qvalue	
16) Acetone	4.18	43	2307	1.775	ug/l #	47
20) Methylene Chloride	4.98	84	7559	Below Cal	#	76
31) Cyclohexane	7.99	56	38774	Below Cal	#	67
36) 1,1-Dichloropropene	7.98	75	48587	4.880	ug/l #	49
38) Carbon Tetrachloride	7.98	117	63495	6.042	ug/l #	15
39) Methylcyclohexane	9.36	83	140112	11.344	ug/l	98
48) Methyl methacrylate	9.49	41	4213	1.108	ug/l #	9
51) 4-Methyl-2-Pentanone	10.33	43	20318	4.943	ug/l #	78
52) Toluene	10.40	92	182583	10.131	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	104350	20.416	ug/l #	22
56) Ethyl methacrylate	10.68	69	32583	4.998	ug/l #	1
59) 2-Hexanone	10.96	43	174044	61.026	ug/l #	31
67) Ethyl Benzene	11.75	91	875583	24.911	ug/l	100
68) m/p-Xylenes	11.86	106	2023858	151.012	ug/l	98
69) o-Xylene	12.18	106	1184567	95.704	ug/l	98
70) Styrene	12.18	104	60645	2.820	ug/l #	1
71) Bromoform	12.64	173	4379	1.001	ug/l #	1
73) Isopropylbenzene	12.48	105	441216	11.045	ug/l	98
74) N-amyl acetate	12.27	43	508618	56.097	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.71	83	20997	3.178	ug/l #	27
76) 1,2,3-Trichloropropane	12.83	75	9520	2.084	ug/l #	100
78) n-propylbenzene	12.83	91	1375027	29.832	ug/l	99
79) 2-Chlorotoluene	12.89	91	940622	37.088	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	3150657	96.512	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.64	75	223232	106.565	ug/l #	9
82) 4-Chlorotoluene	12.96	91	364992	13.592	ug/l #	46
83) tert-Butylbenzene	13.27	119	1274104	44.893	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.27	105	9474488	288.629	ug/l	97
85) sec-Butylbenzene	13.41	105	1060732	27.232	ug/l	83
86) p-Isopropyltoluene	13.53	119	730820	19.873	ug/l	99
89) n-Butylbenzene	13.85	91	1240627	37.149	ug/l #	74
90) Hexachloroethane	14.13	117	422695	61.454	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.53	75	18249	15.461	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.21	180	24958	2.037	ug/l #	1

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Quant Time: Dec 06 05:57:14 2019
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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

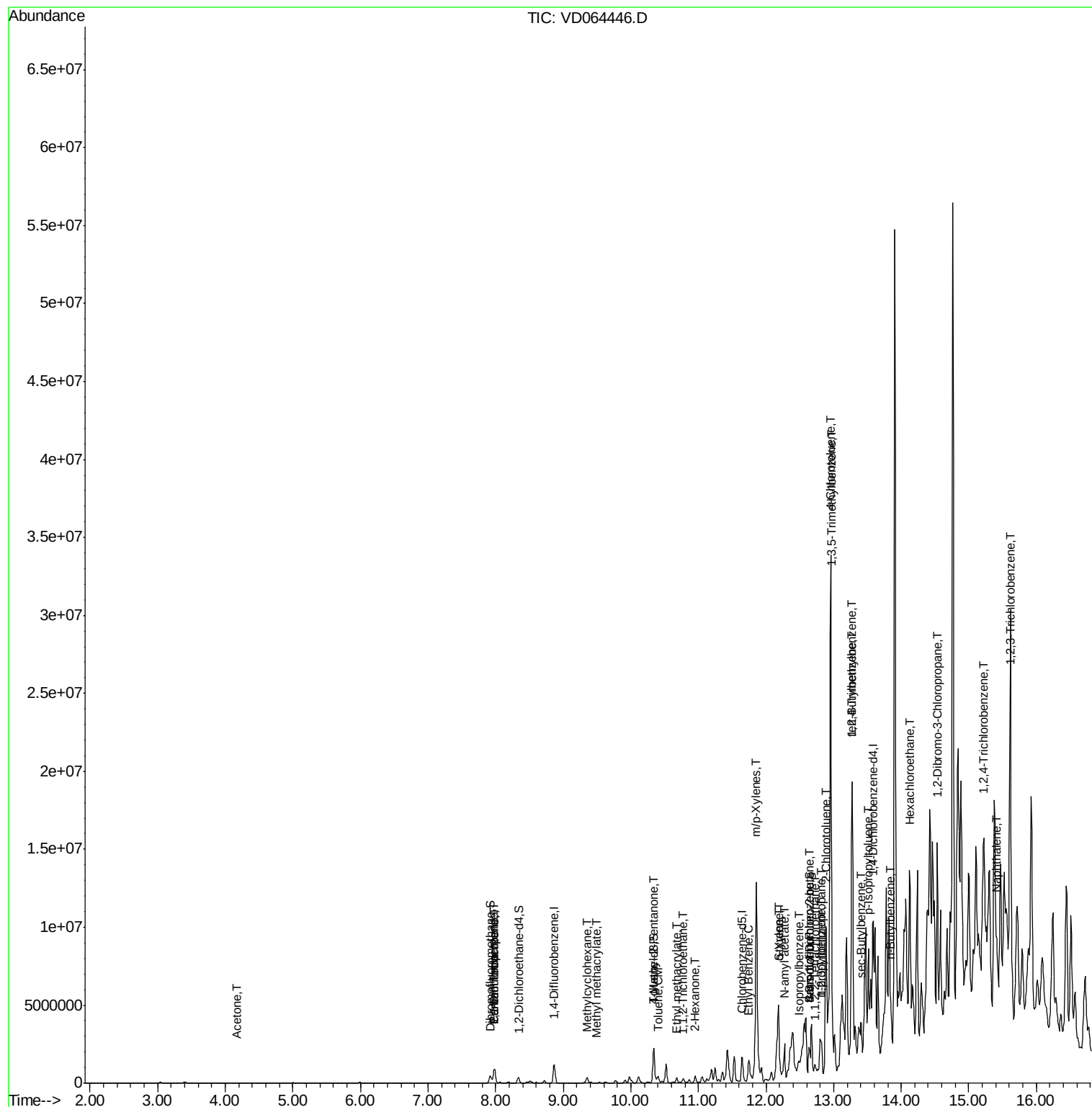
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.41	128	2308579	112.880	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.63	180	53130	5.079	ug/l #	1

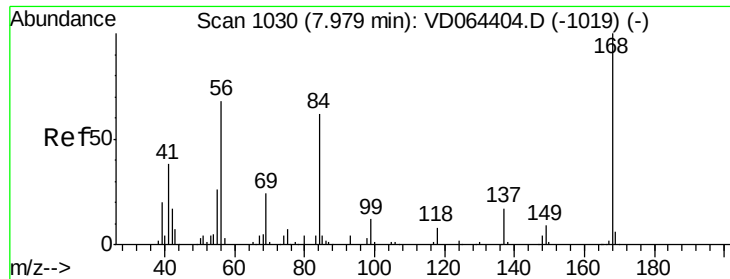
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampled :

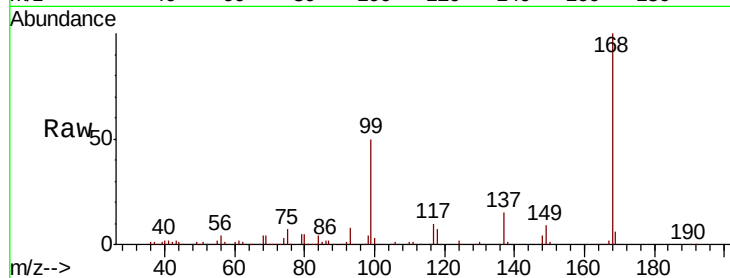
EP-8

Tot Ion:168 Resp: 710557

Ion Ratio Lower Upper

168 100

99 50.1 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

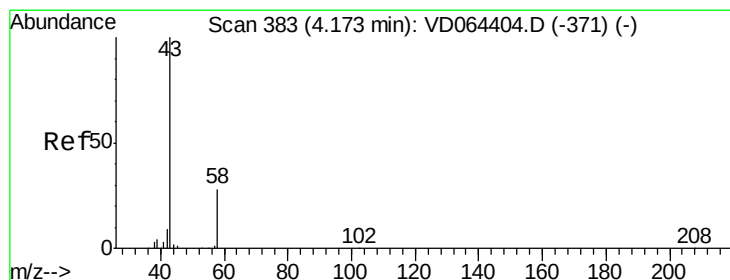
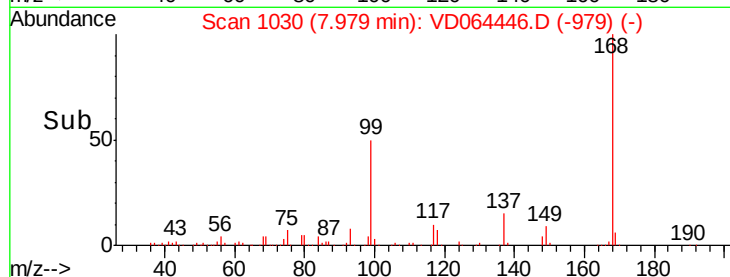
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.775 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064446.D

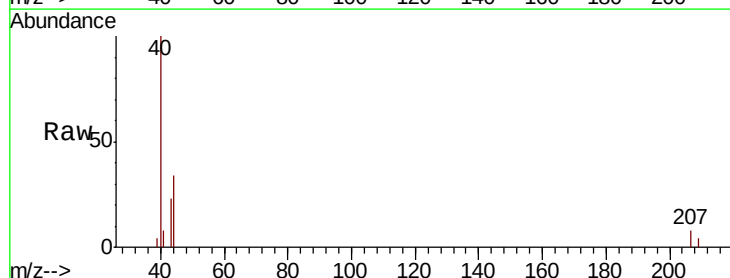
Acq: 05 Dec 2019 19:55

Tgt Ion: 43 Resp: 2307

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

1000

800

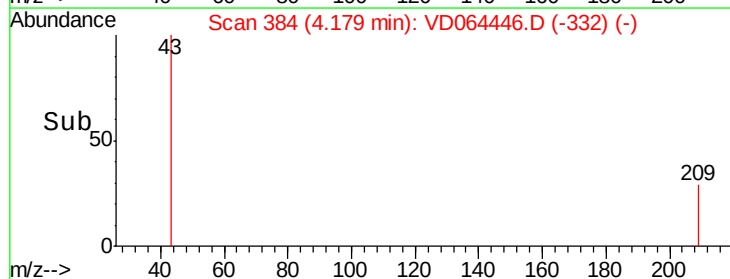
600

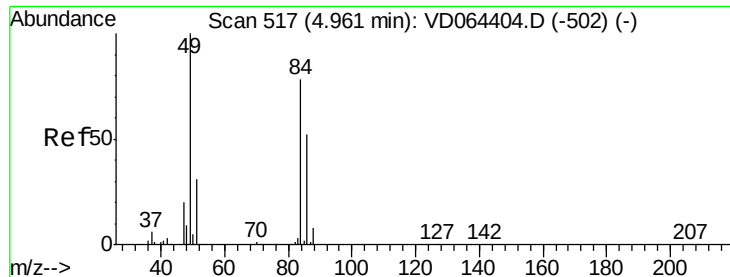
400

200

0

Time-->

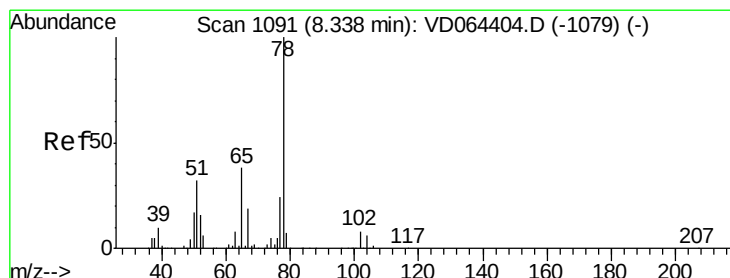
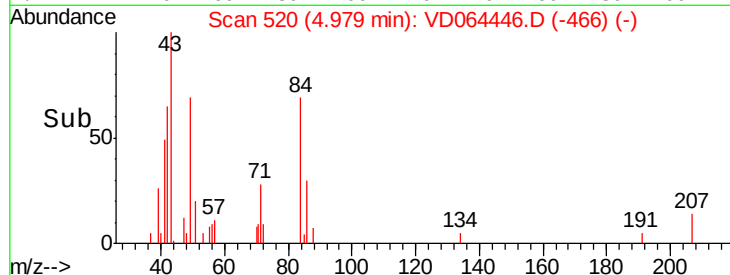
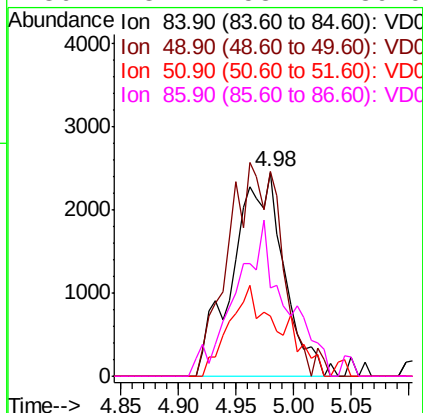
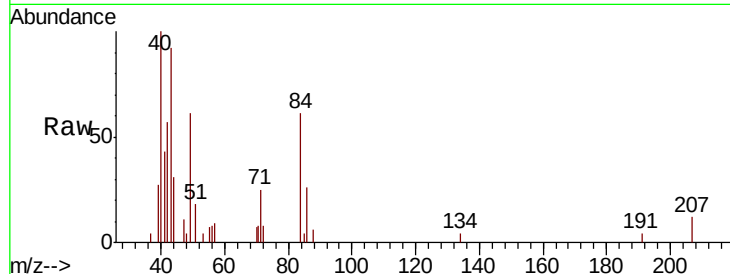




#20
Methylene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

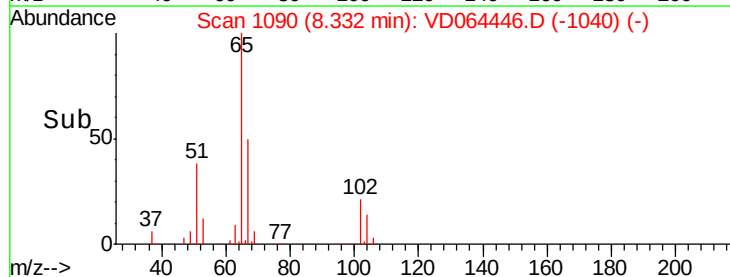
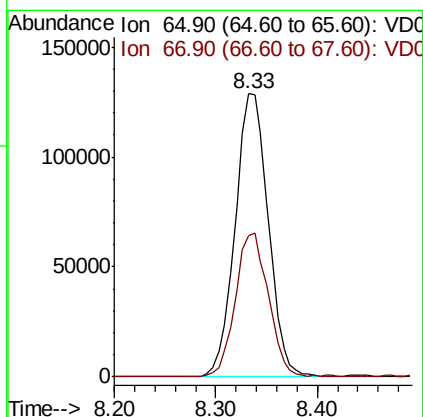
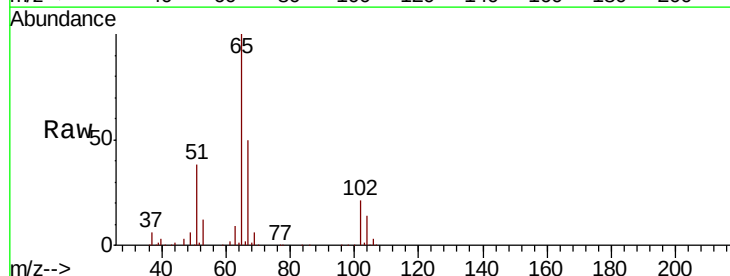
Instrument :
MSVOA_D
ClientSampleId :
EP-8

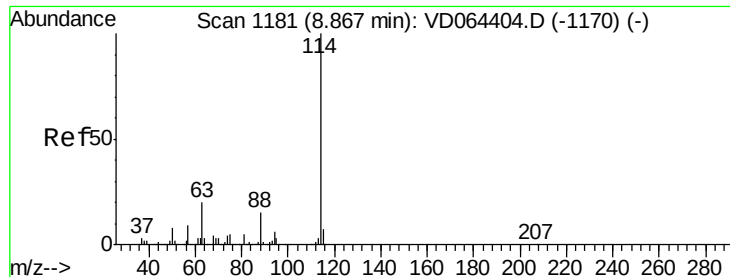
Tot Ion	Ratio	Lower	Upper
84	100		
49	100.6	102.6	153.8#
51	29.6	32.0	48.0#
86	43.4	53.4	80.0#



#33
1,2-Dichloroethane-d4
Concen: 45.531 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	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: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

EP-8

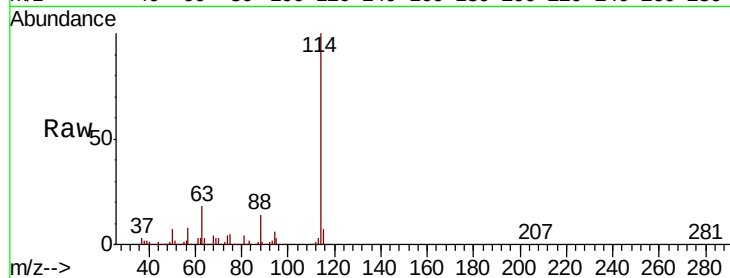
Tot Ion:114 Resp: 1052658

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

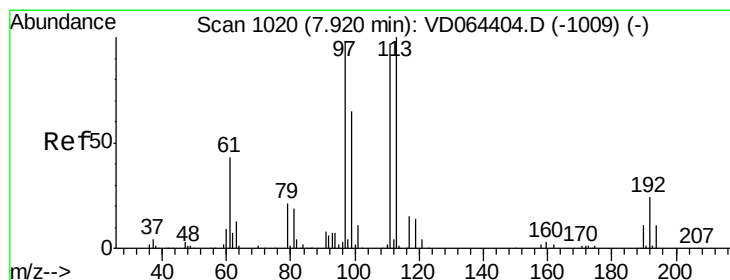
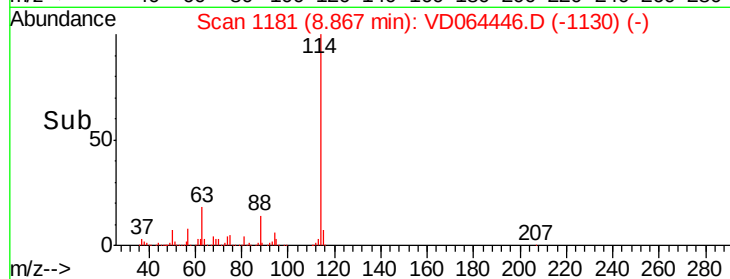
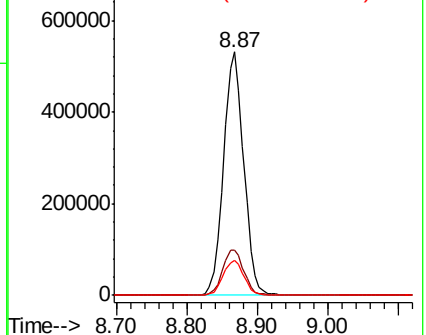
88 14.4 0.0 29.2



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: 46.992 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

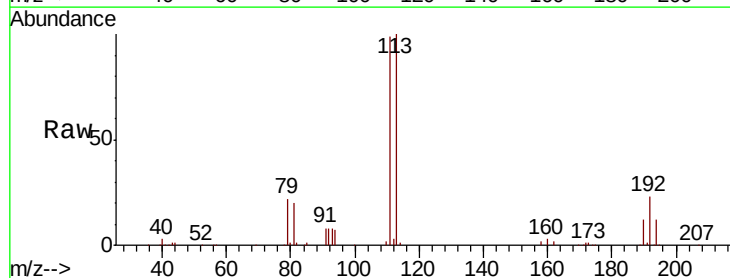
Tgt Ion:113 Resp: 311663

Ion Ratio Lower Upper

113 100

111 101.4 79.4 119.2

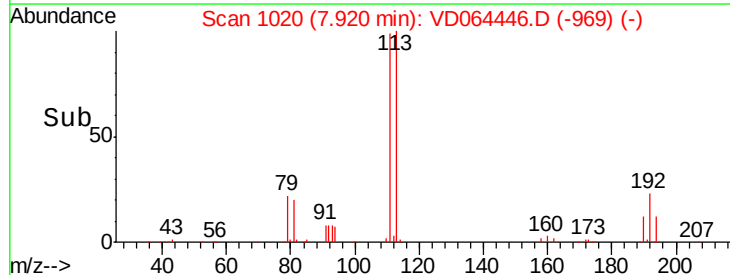
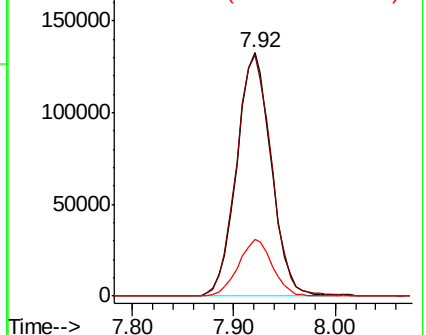
192 23.1 18.6 28.0

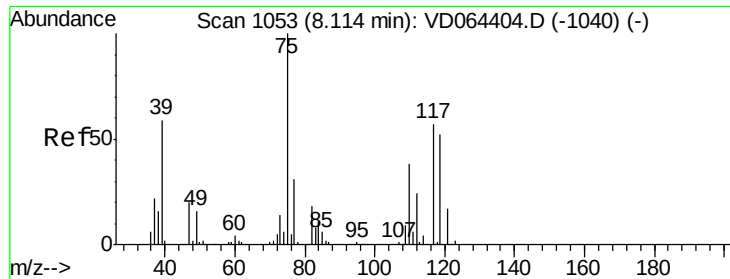


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.880 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

EP-8

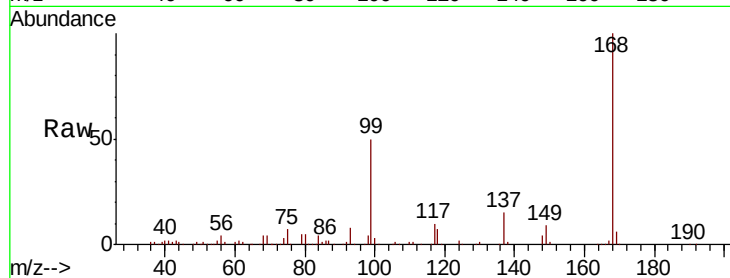
Tot Ion: 75 Resp: 48587

Ion Ratio Lower Upper

75 100

110 8.9 18.6 55.8#

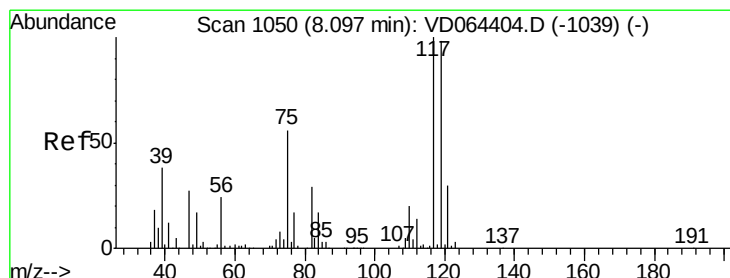
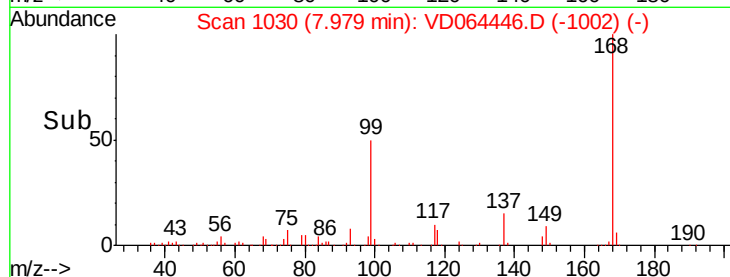
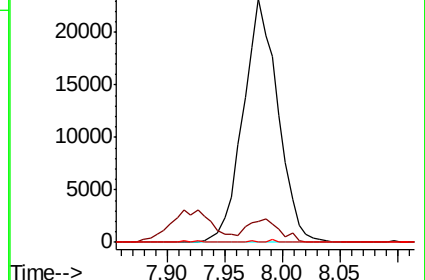
77 0.2 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

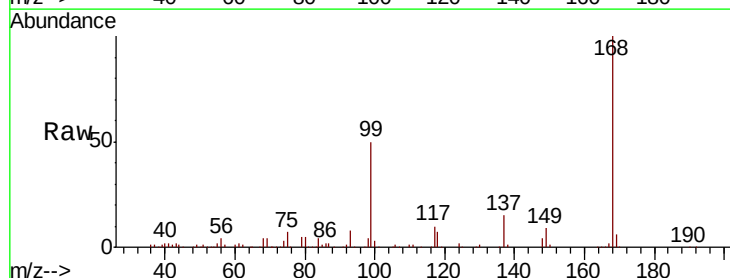
Tgt Ion: 117 Resp: 63495

Ion Ratio Lower Upper

117 100

119 5.1 78.8 118.2#

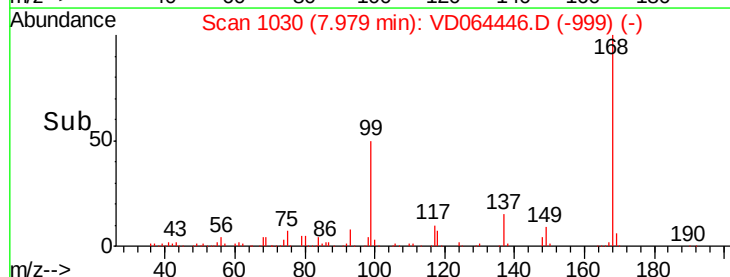
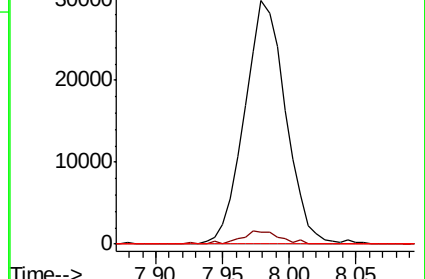
121 0.0 24.2 36.2#

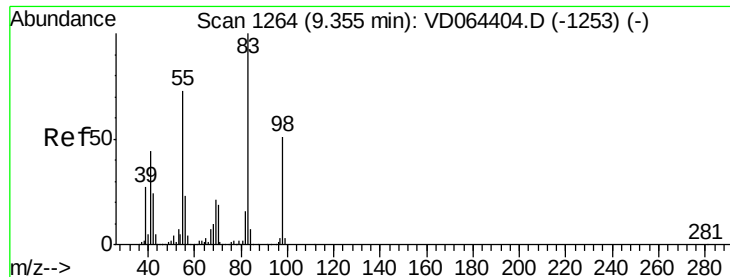


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

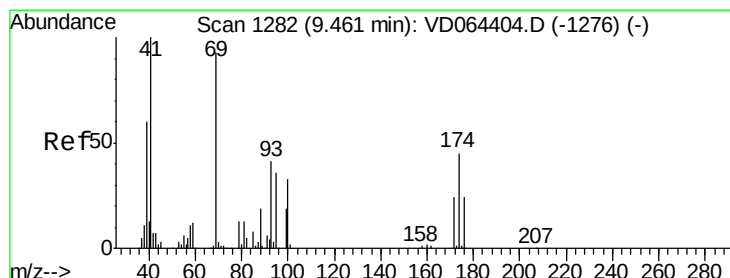
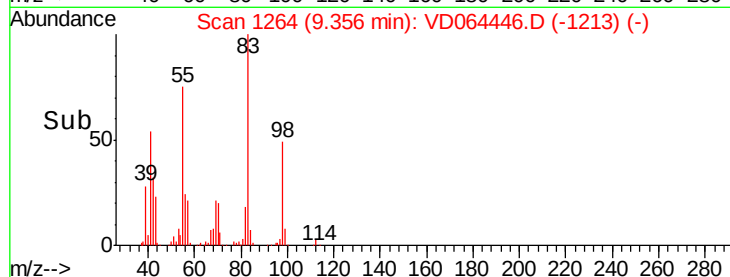
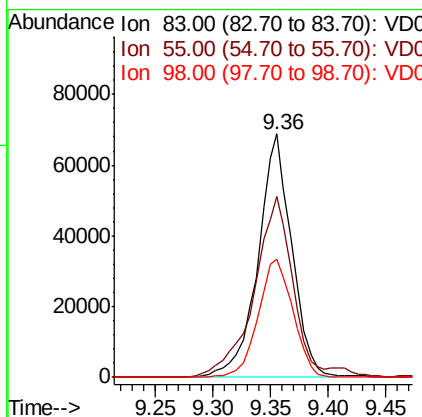
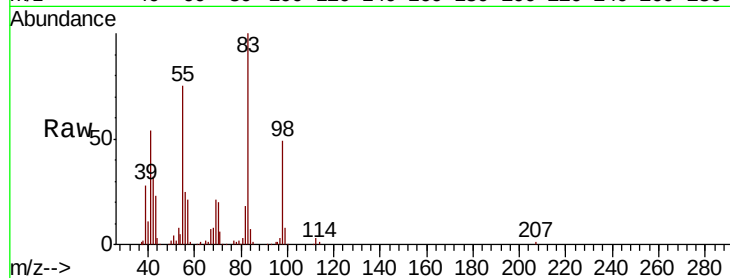




#39
Methylcyclohexane
Concen: 11.344 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

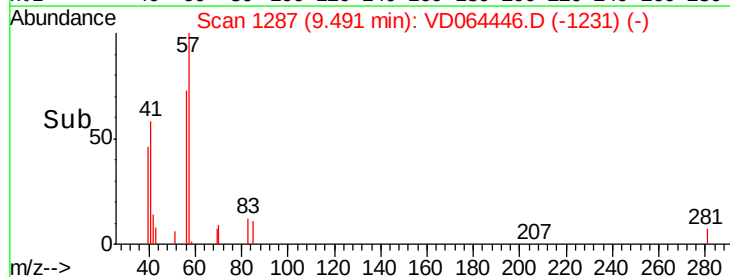
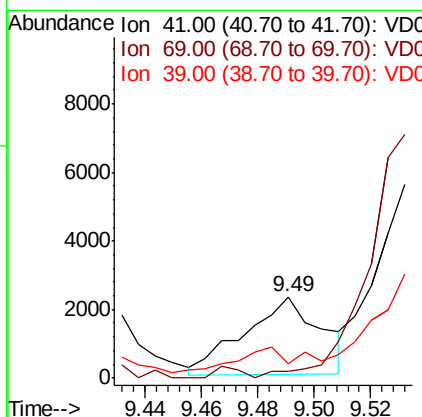
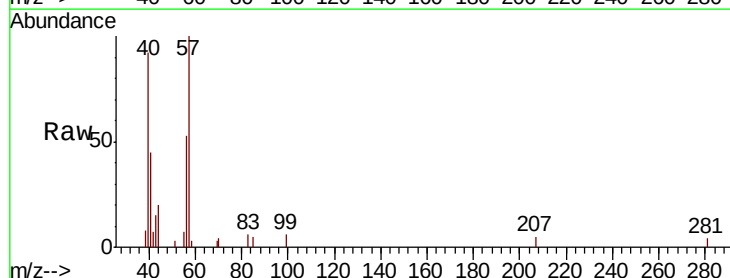
Instrument :
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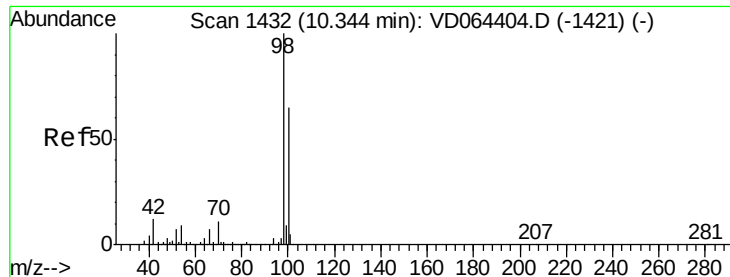
Tot Ion: 83 Resp: 140112
Ion Ratio Lower Upper
83 100
55 74.3 58.6 87.8
98 48.8 40.9 61.3



#48
Methyl methacrylate
Concen: 1.108 ug/l
RT: 9.49 min Scan# 1287
Delta R.T. 0.03 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Tgt Ion: 41 Resp: 4213
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 0.0 55.2 82.8#





#50

Toluene-d8

Concen: 50.250 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

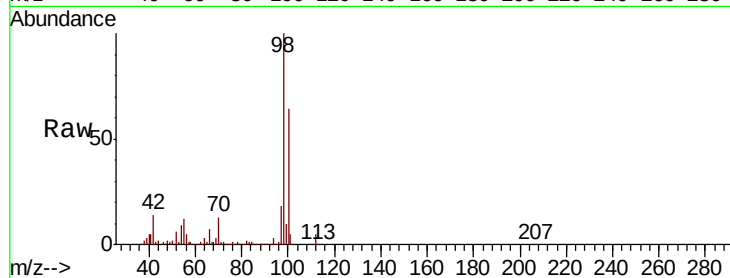
EP-8

Tot Ion: 98 Resp: 1255403

Ion Ratio Lower Upper

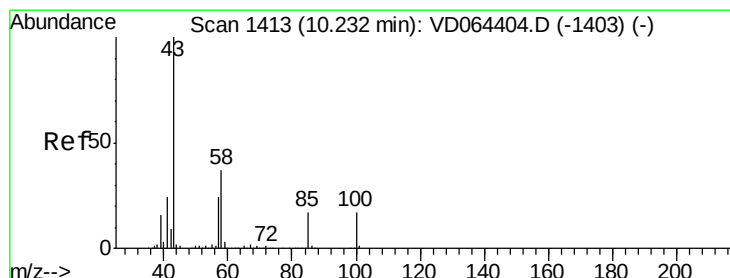
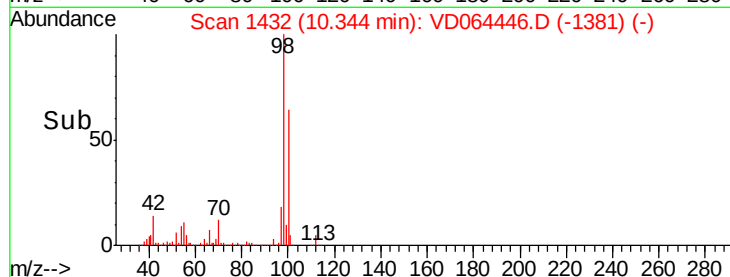
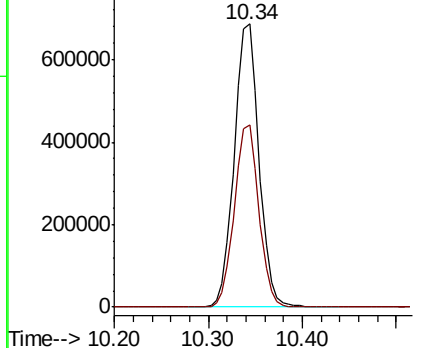
98 100

100 64.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 4.943 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.10 min

Lab File: VD064446.D

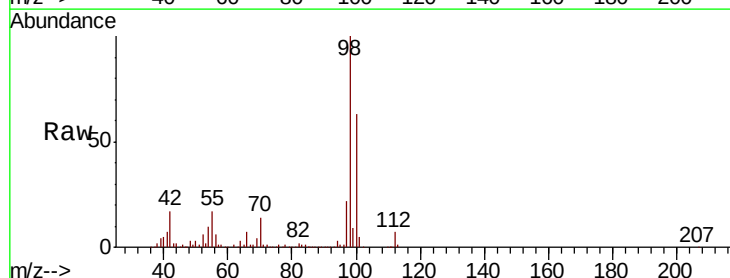
Acq: 05 Dec 2019 19:55

Tgt Ion: 43 Resp: 20318

Ion Ratio Lower Upper

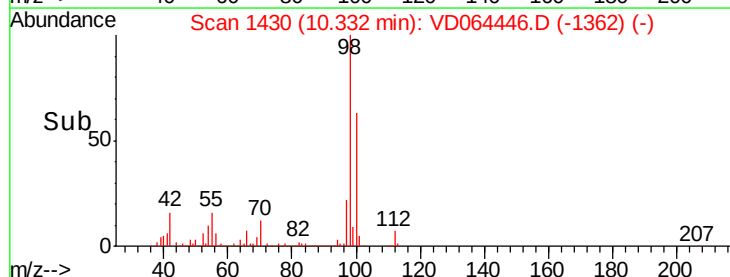
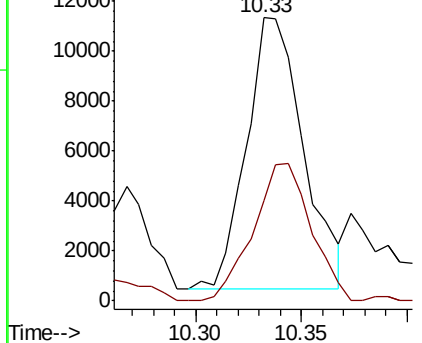
43 100

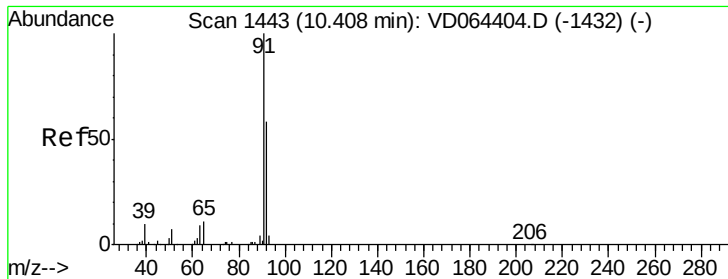
58 51.4 30.6 46.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 10.131 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

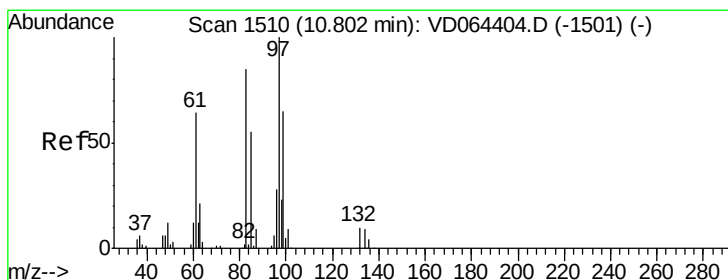
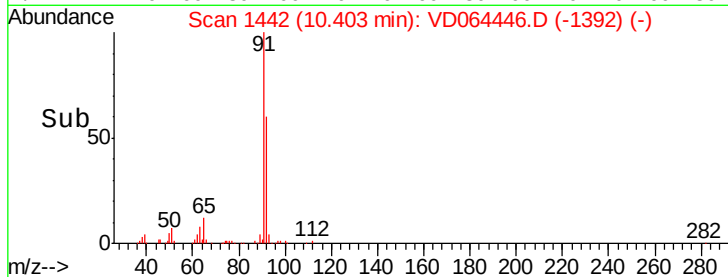
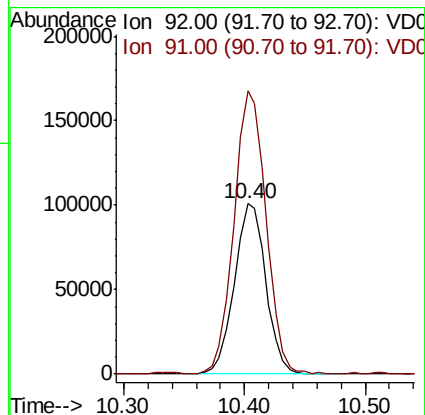
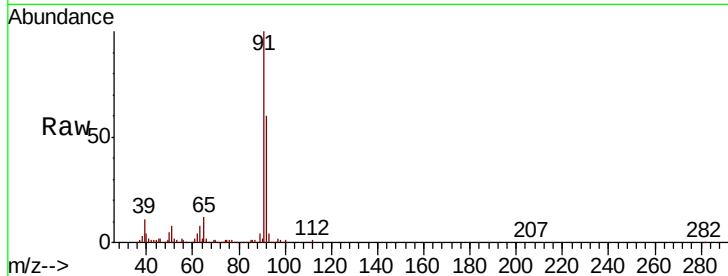
EP-8

Tot Ion: 92 Resp: 182583

Ion Ratio Lower Upper

92 100

91 169.5 137.8 206.6



#55

1,1,2-Trichloroethane

Concen: 20.416 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Tgt Ion: 97 Resp: 104350

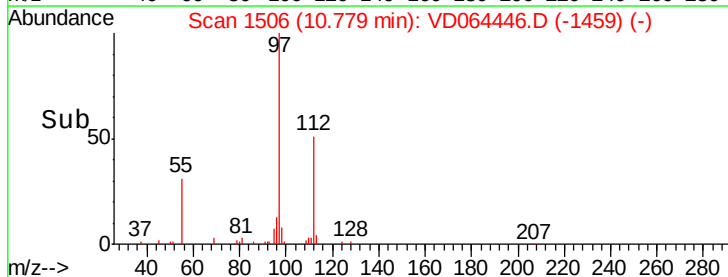
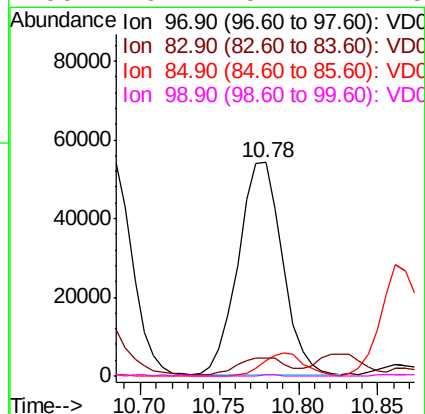
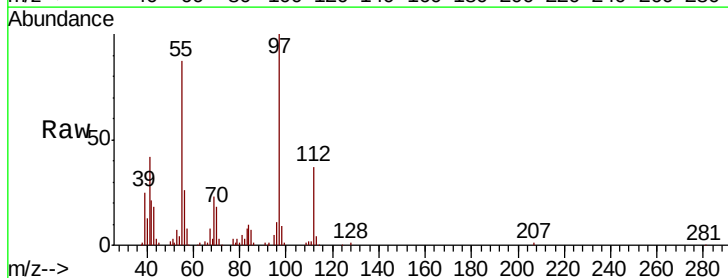
Ion Ratio Lower Upper

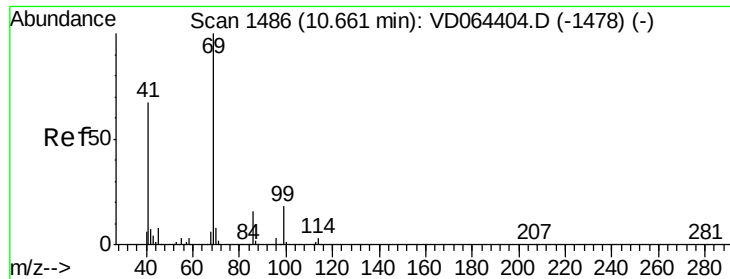
97 100

83 7.8 67.8 101.8#

85 7.4 43.7 65.5#

99 0.7 51.7 77.5#





#56

Ethyl methacrylate

Concen: 4.998 ug/l

RT: 10.68 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampled :

EP-8

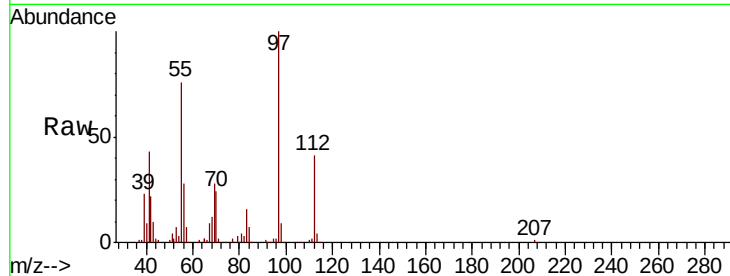
Tot Ion: 69 Resp: 32583

Ion Ratio Lower Upper

69 100

41 162.4 55.0 82.4#

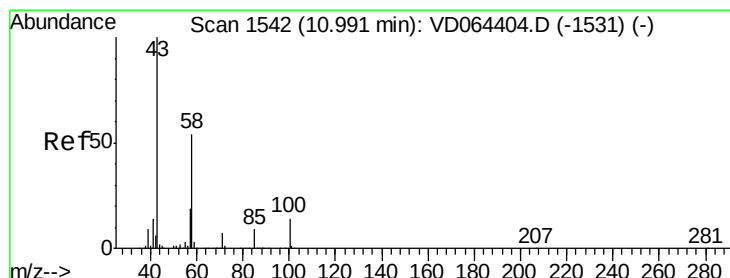
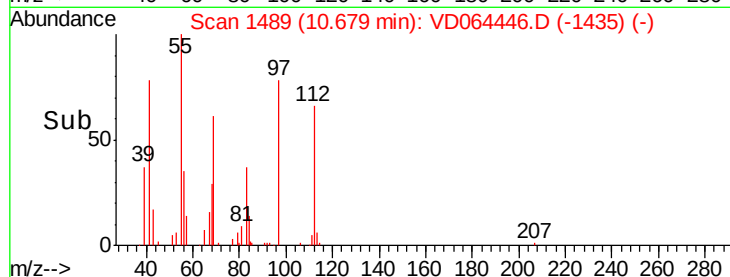
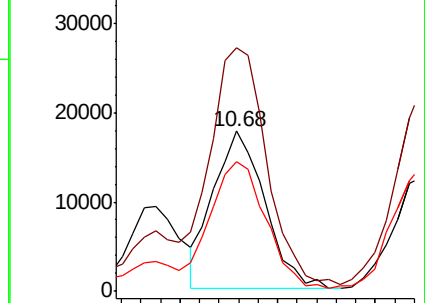
39 86.0 33.0 49.6#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC



#59

2-Hexanone

Concen: 61.026 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. -0.04 min

Lab File: VD064446.D

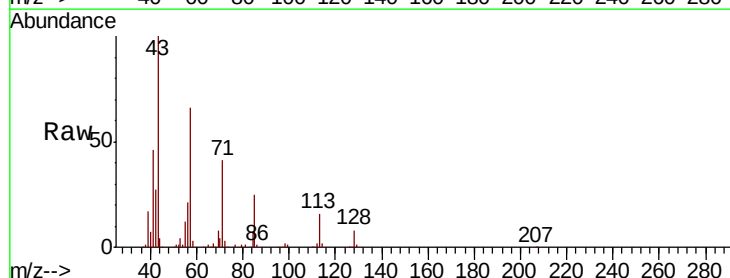
Acq: 05 Dec 2019 19:55

Tgt Ion: 43 Resp: 174044

Ion Ratio Lower Upper

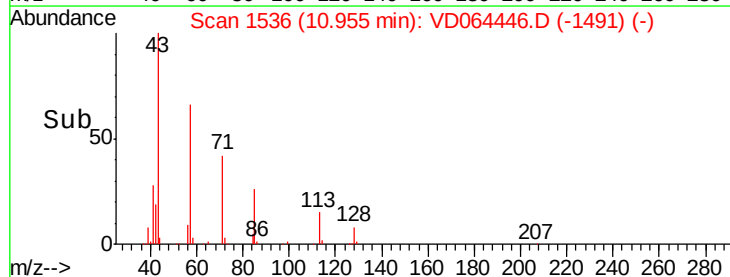
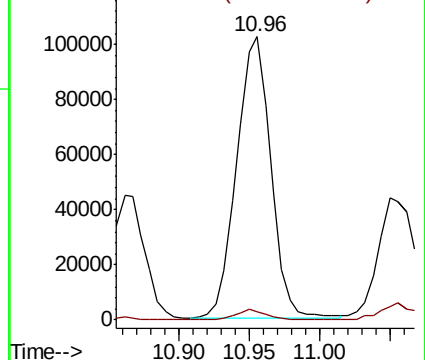
43 100

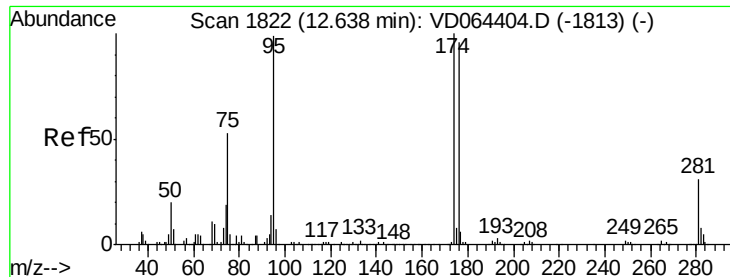
58 3.5 26.3 78.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

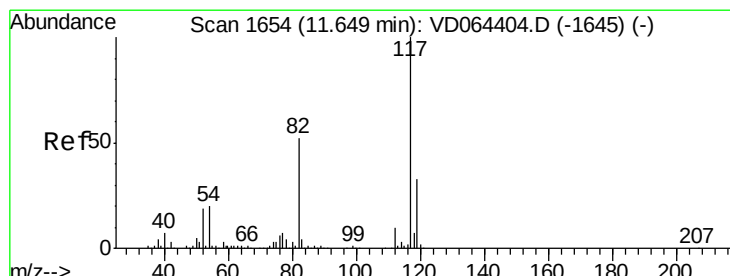
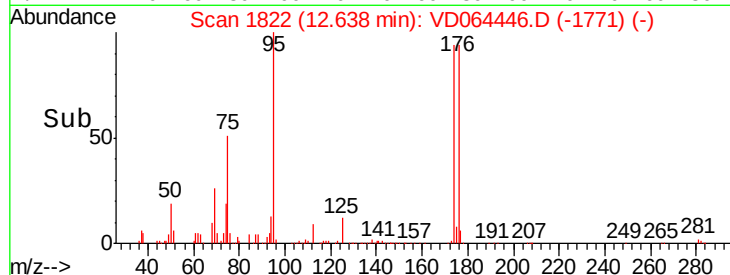
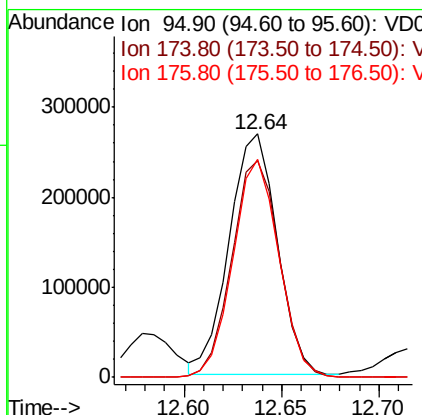
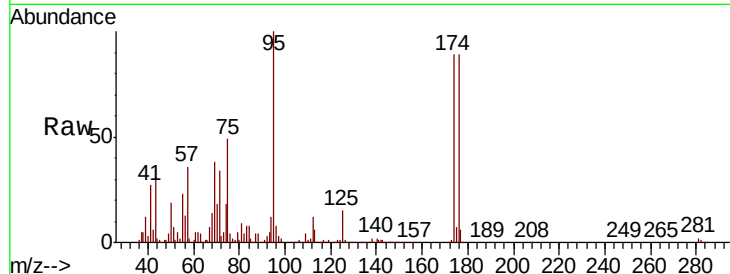




#62
4-Bromofluorobenzene
Concen: 56.557 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

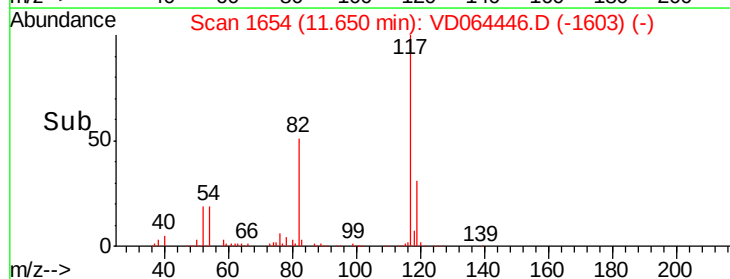
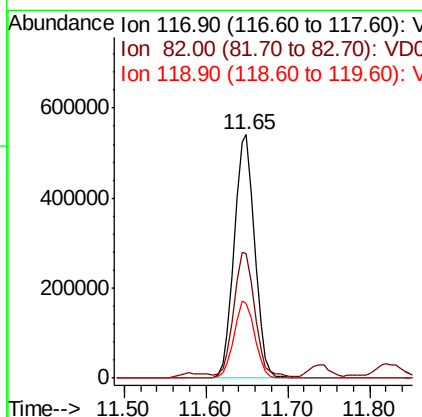
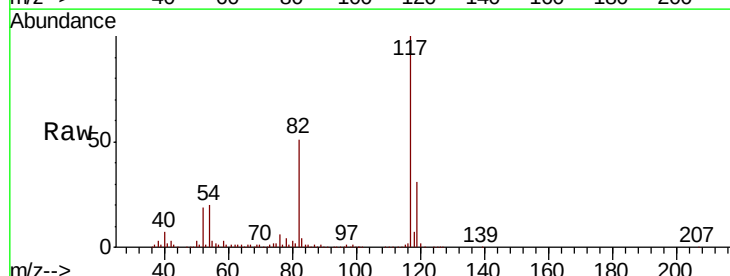
Instrument :
MSVOA_D
ClientSampled :
EP-8

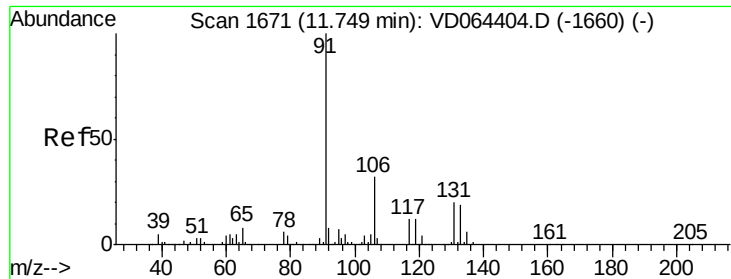
Tot Ion: 95 Resp: 454091
Ion Ratio Lower Upper
95 100
174 89.9 0.0 197.2
176 86.7 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Tgt Ion: 117 Resp: 947182
Ion Ratio Lower Upper
117 100
82 50.1 41.4 62.2
119 30.6 26.2 39.2

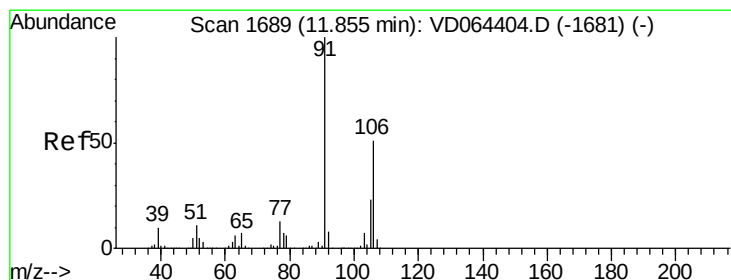
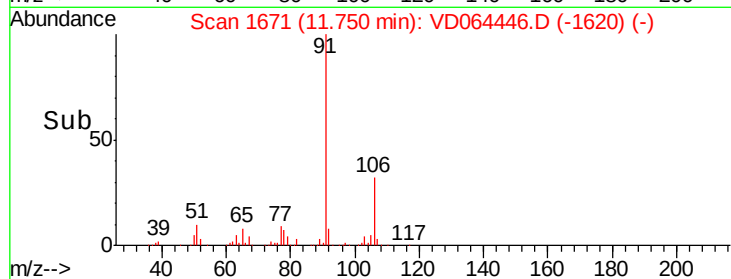
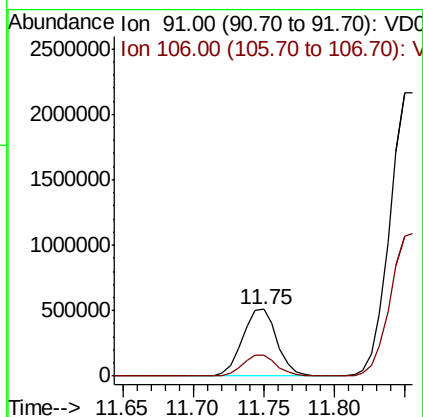
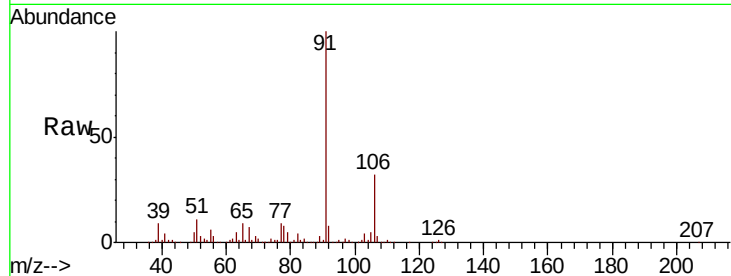




#67
Ethyl Benzene
Concen: 24.911 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

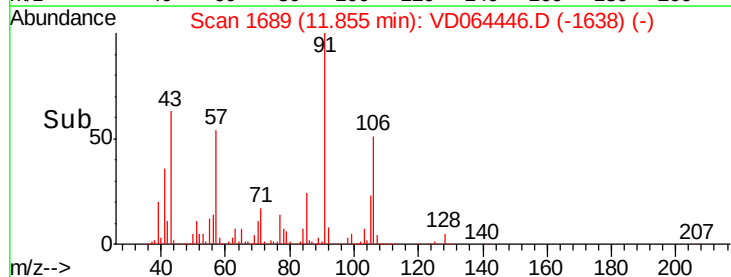
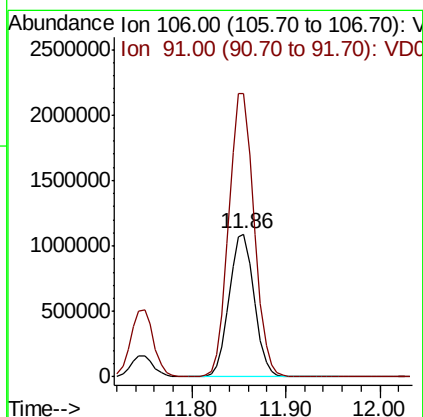
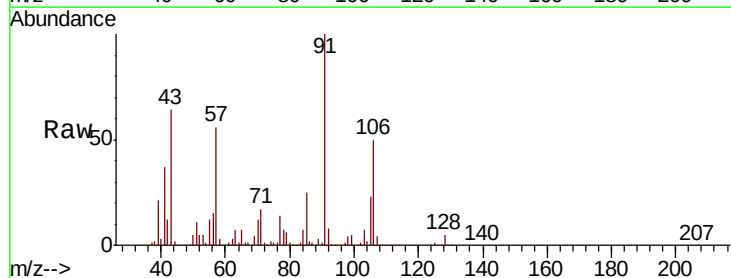
Instrument :
MSVOA_D
ClientSampled :
EP-8

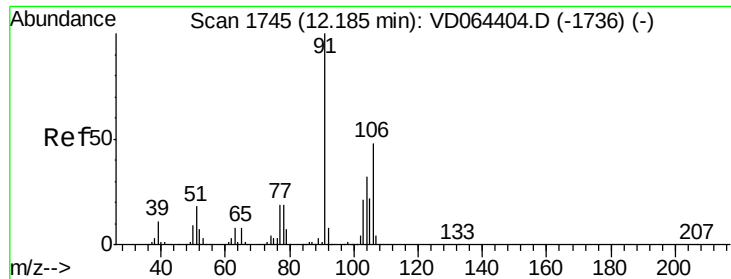
Tot Ion: 91 Resp: 875583
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 151.012 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Tgt Ion: 106 Resp: 2023858
Ion Ratio Lower Upper
106 100
91 200.2 157.4 236.2

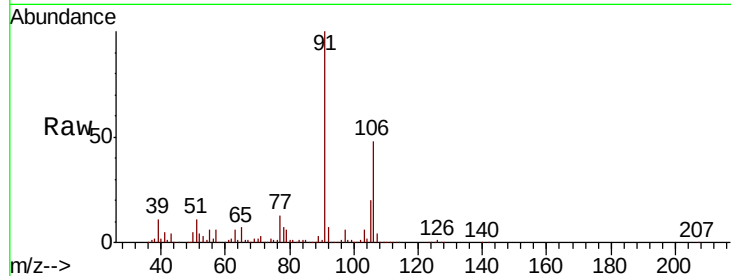




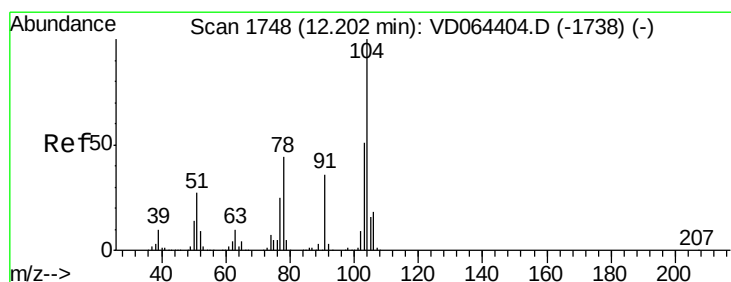
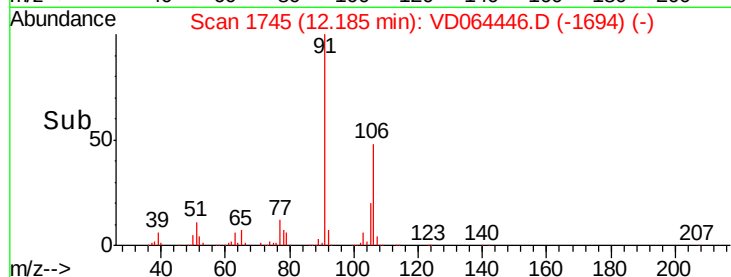
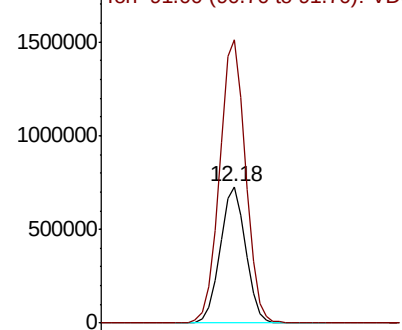
#69
o-Xylene
Concen: 95.704 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Instrument :
MSVOA_D
ClientSampled :
EP-8

Tot Ion:106 Resp: 1184567
Ion Ratio Lower Upper
106 100
91 210.8 103.8 311.4

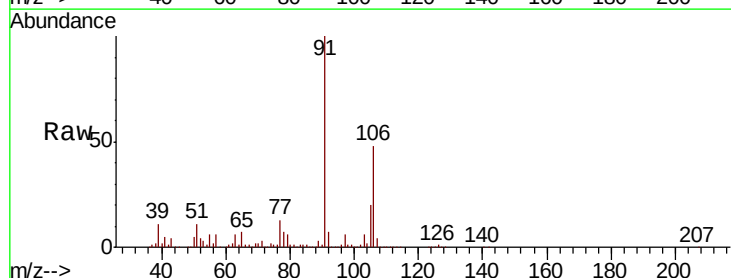


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

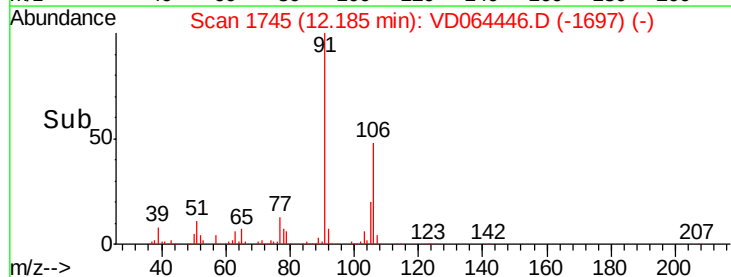
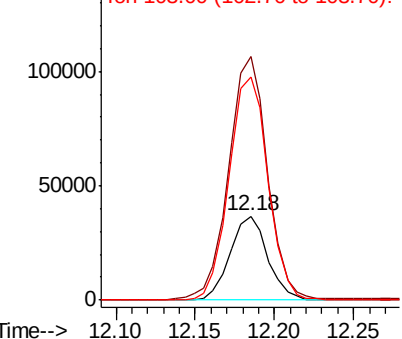


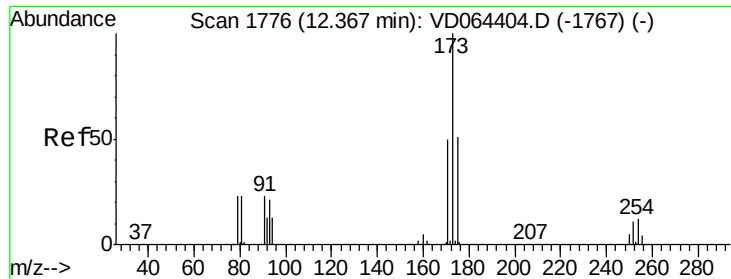
#70
Styrene
Concen: 2.820 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.02 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Tgt Ion:104 Resp: 60645
Ion Ratio Lower Upper
104 100
78 297.6 38.8 58.2#
103 275.4 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 1.001 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampled :

EP-8

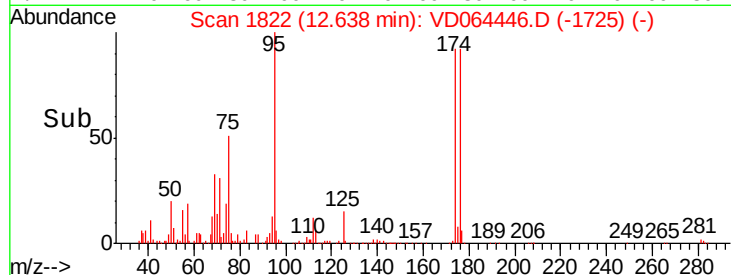
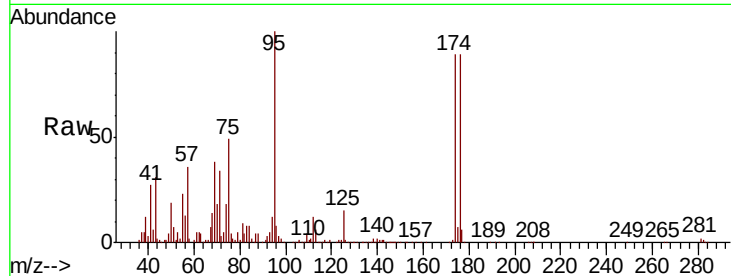
Tot Ion:173 Resp: 4379

Ion Ratio Lower Upper

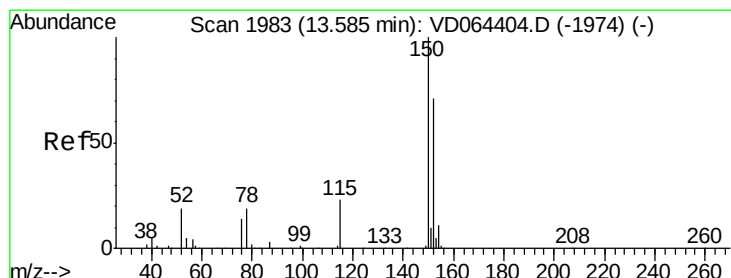
173 100

175 579.2 25.3 75.8#

254 0.0 0.0 0.0



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

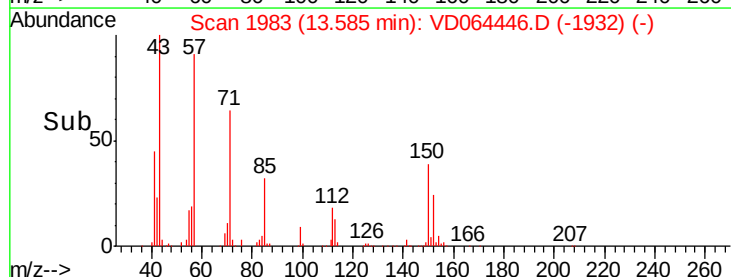
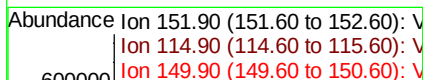
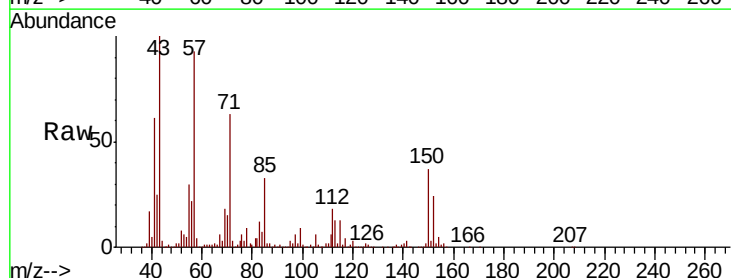
Tgt Ion:152 Resp: 555441

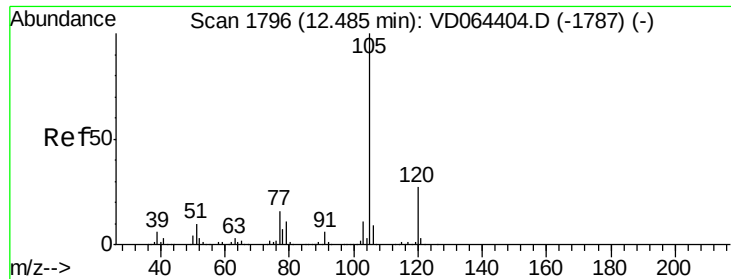
Ion Ratio Lower Upper

152 100

115 55.7 26.7 80.1

150 146.5 0.0 347.2





#73

Isopropylbenzene

Concen: 11.045 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

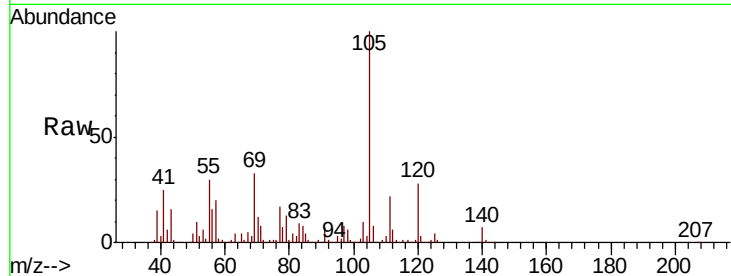
EP-8

Tot Ion:105 Resp: 441216

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

250000

200000

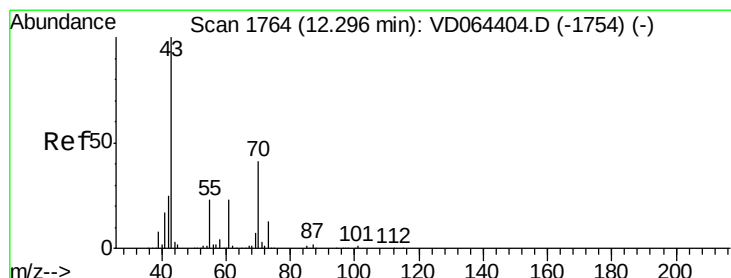
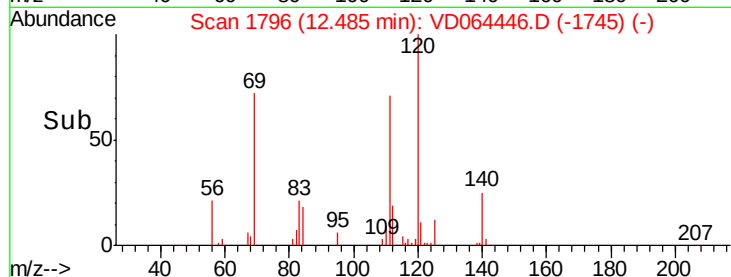
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 56.097 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Tgt Ion: 43 Resp: 508618

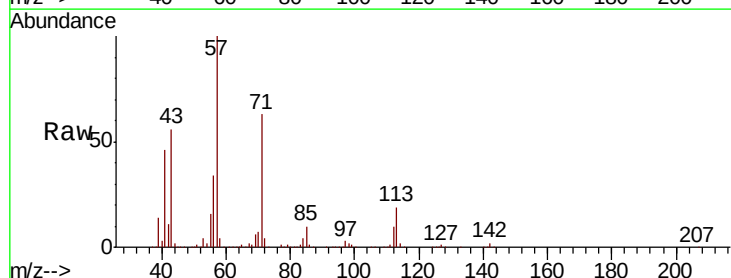
Ion Ratio Lower Upper

43 100

70 16.9 33.4 50.2#

55 16.1 18.9 28.3#

61 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

12.27

500000

400000

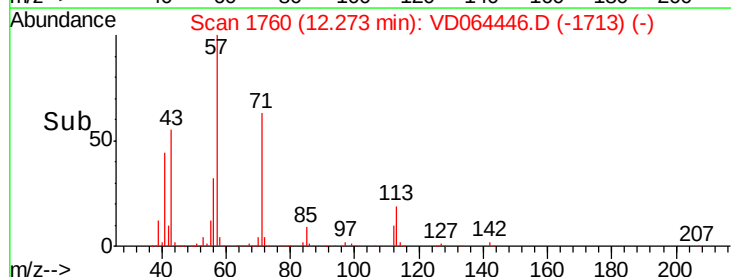
300000

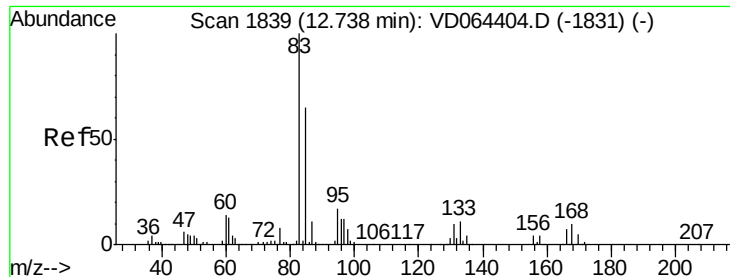
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 3.178 ug/l

RT: 12.71 min Scan# 1835

Delta R.T. -0.02 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

EP-8

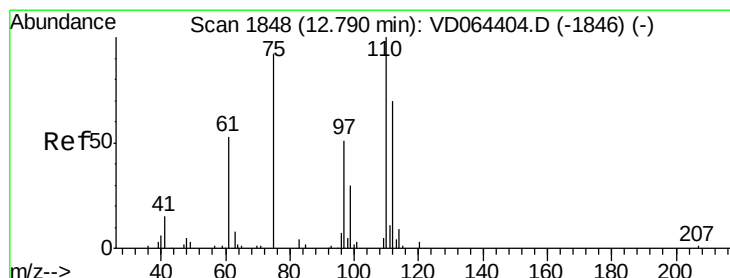
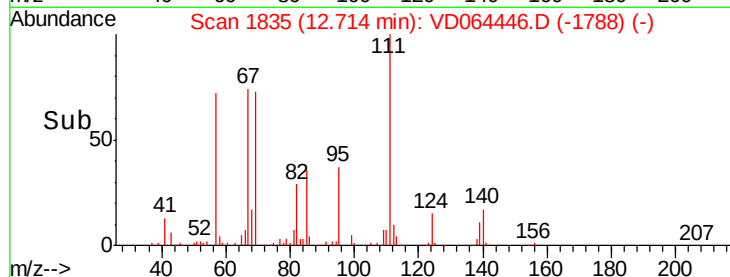
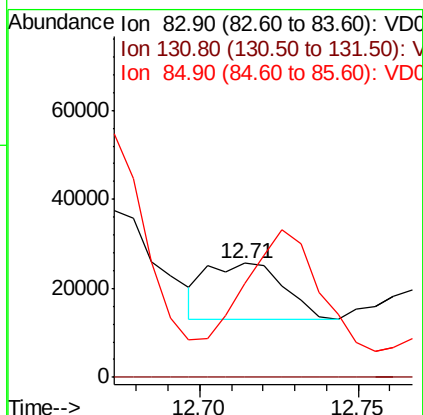
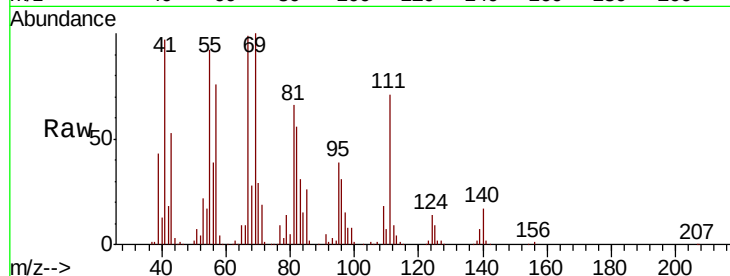
Tot Ion: 83 Resp: 20997

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 0.0 31.3 93.9#



#76

1,2,3-Trichloropropane

Concen: 2.084 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.04 min

Lab File: VD064446.D

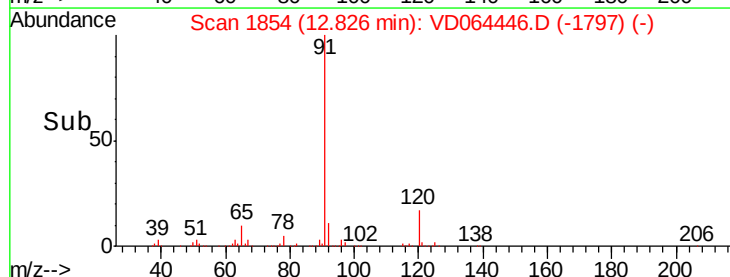
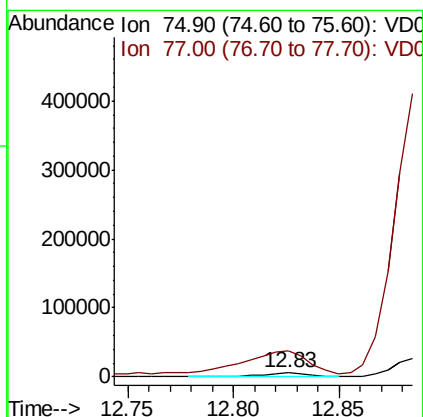
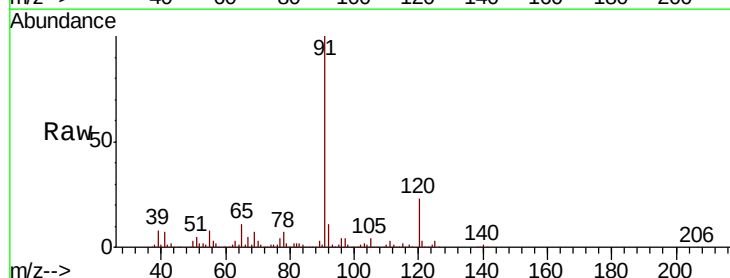
Acq: 05 Dec 2019 19:55

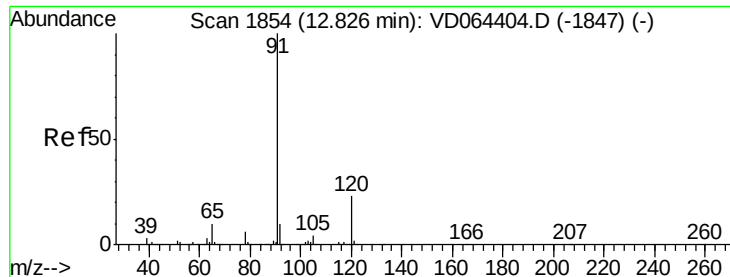
Tgt Ion: 75 Resp: 9520

Ion Ratio Lower Upper

75 100

77 765.8 0.0 0.0#





#78

n-propylbenzene

Concen: 29.832 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

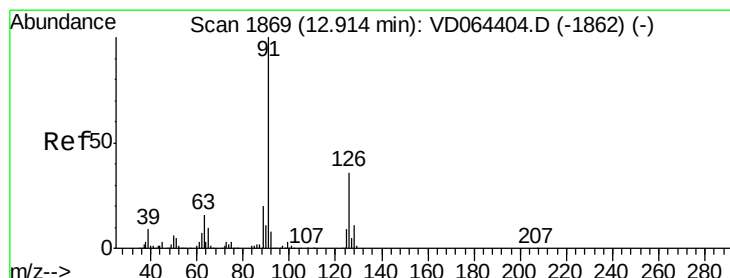
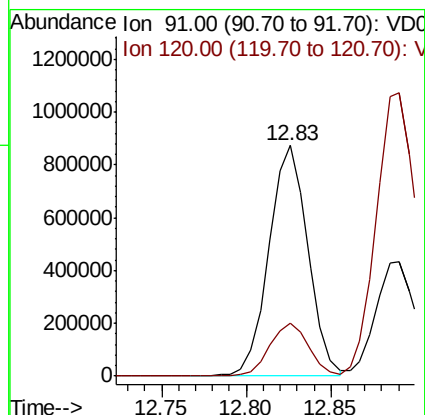
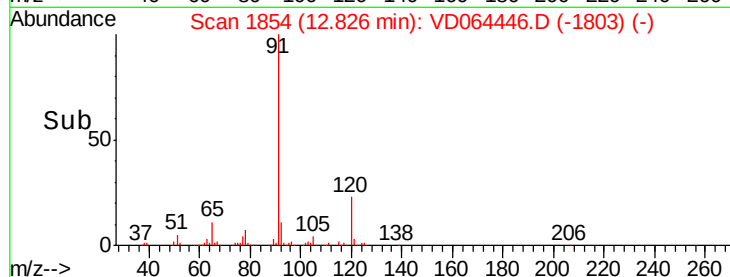
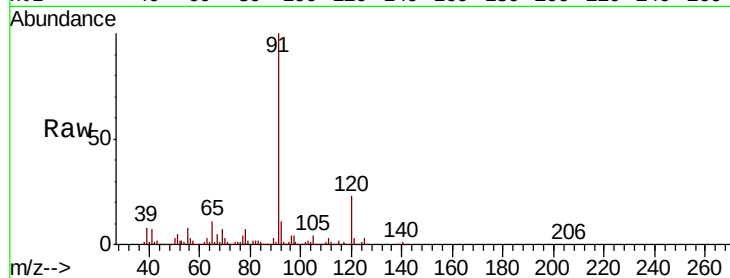
EP-8

Tot Ion: 91 Resp: 1375027

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9



#79

2-Chlorotoluene

Concen: 37.088 ug/l

RT: 12.89 min Scan# 1865

Delta R.T. -0.02 min

Lab File: VD064446.D

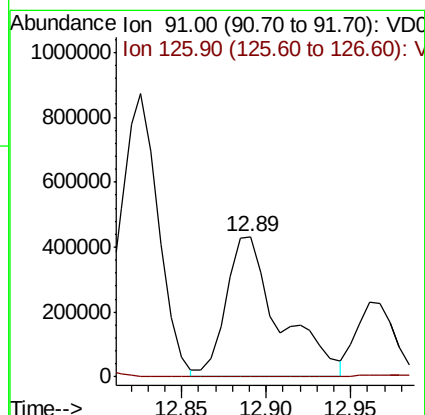
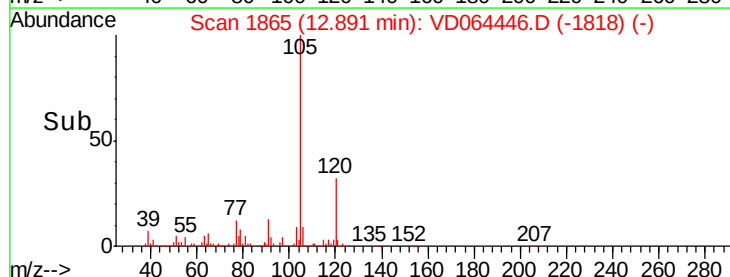
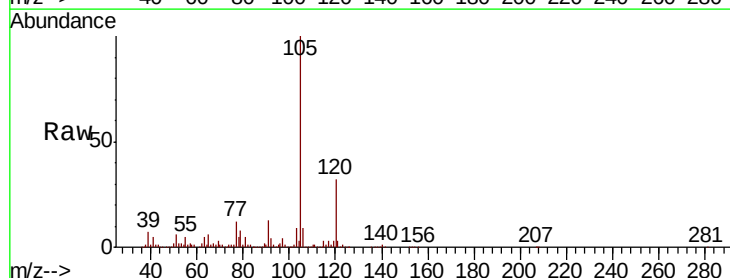
Acq: 05 Dec 2019 19:55

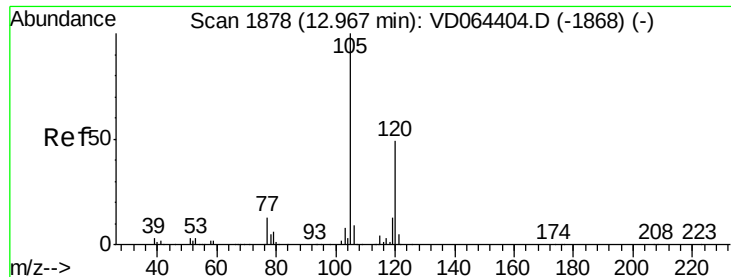
Tgt Ion: 91 Resp: 940622

Ion Ratio Lower Upper

91 100

126 0.2 18.0 54.0#

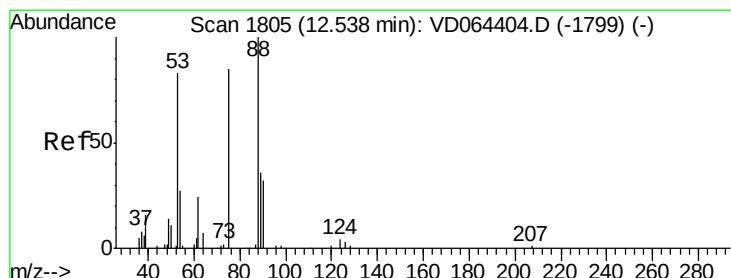
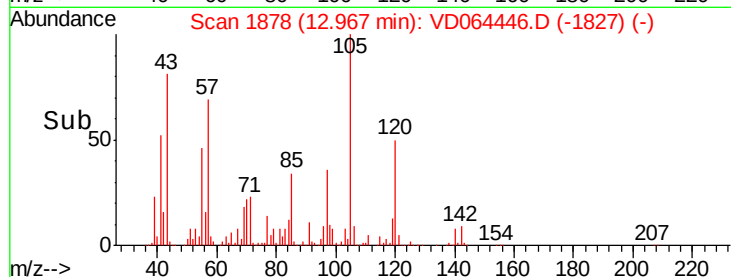
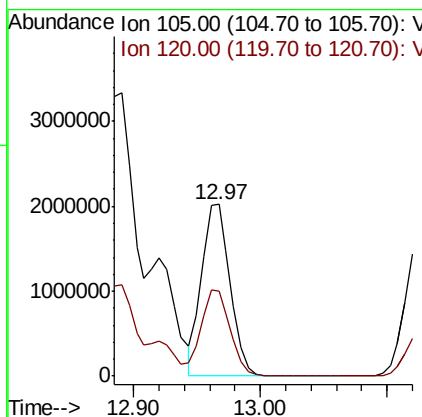
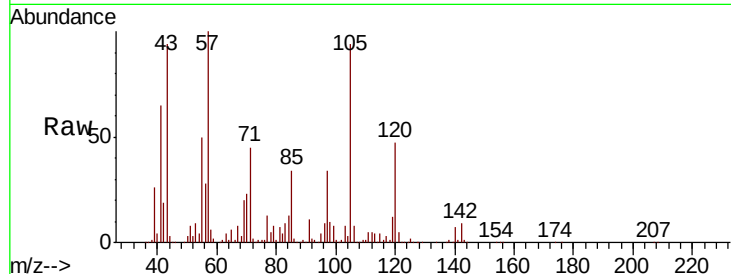




#80
 1,3,5-Trimethylbenzene
 Concen: 96.512 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

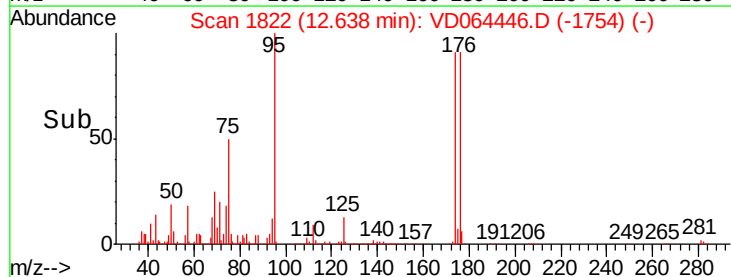
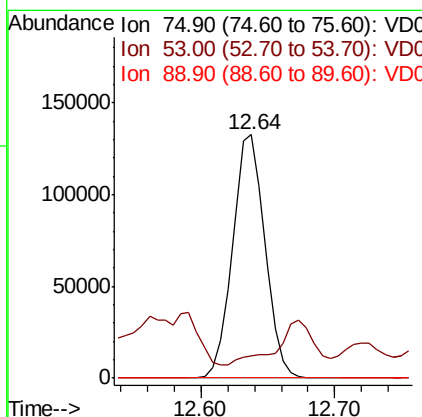
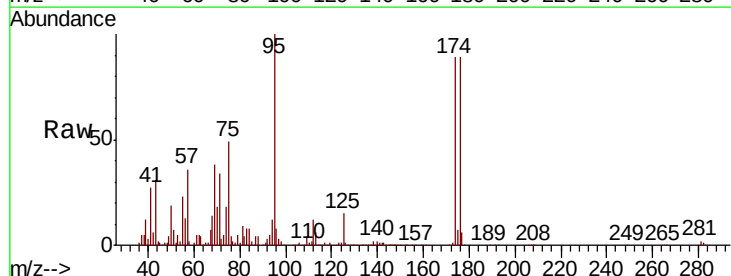
Instrument :
 MSVOA_D
 ClientSampled :
 EP-8

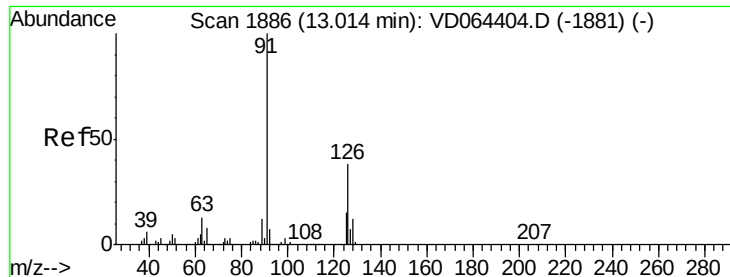
Tot Ion:105 Resp: 3150657
 Ion Ratio Lower Upper
 105 100
 120 52.3 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.565 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

Tgt Ion: 75 Resp: 223232
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.0 38.5 57.7#





#82

4-Chlorotoluene

Concen: 13.592 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.05 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampled :

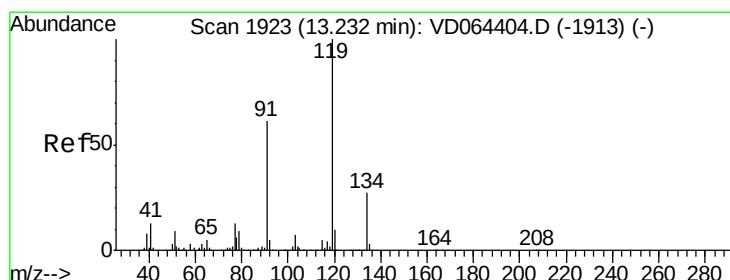
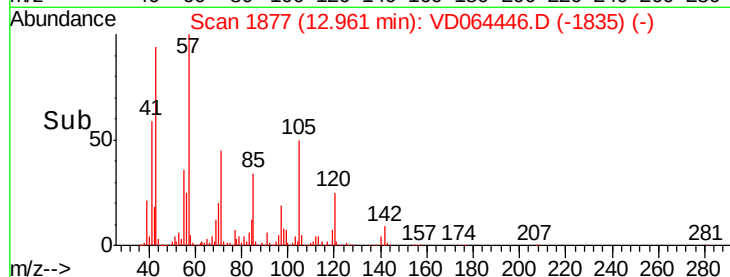
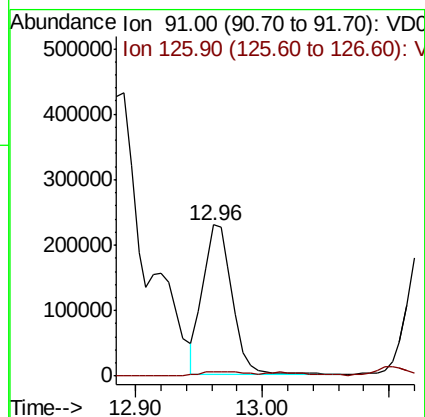
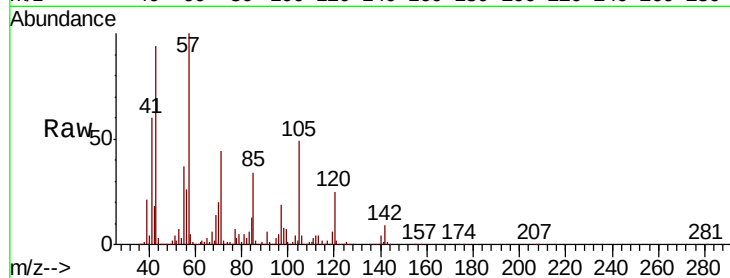
EP-8

Tot Ion: 91 Resp: 364992

Ion Ratio Lower Upper

91 100

126 4.4 18.2 54.6#



#83

tert-Butylbenzene

Concen: 44.893 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.04 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

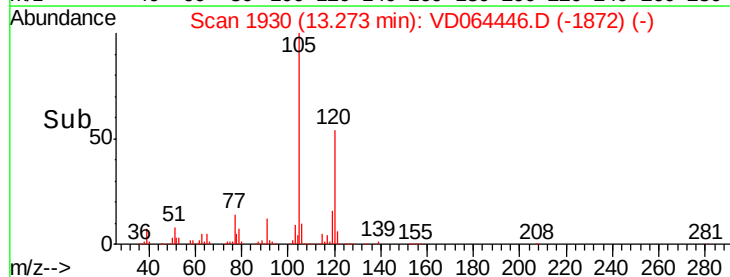
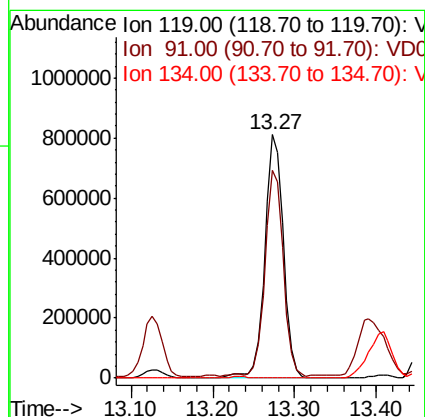
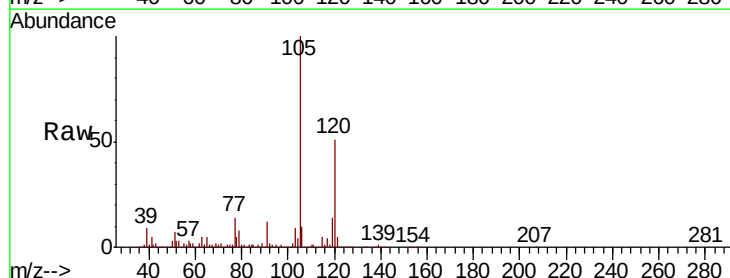
Tgt Ion: 119 Resp: 1274104

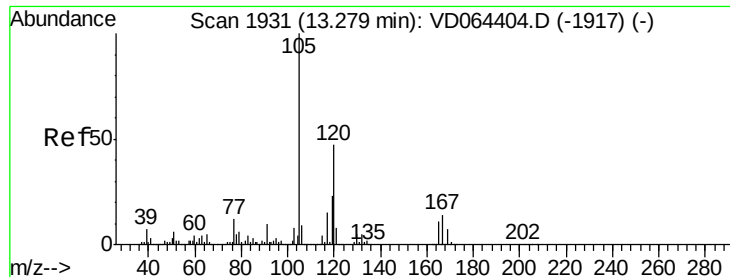
Ion Ratio Lower Upper

119 100

91 82.0 31.2 93.6

134 0.0 13.9 41.7#

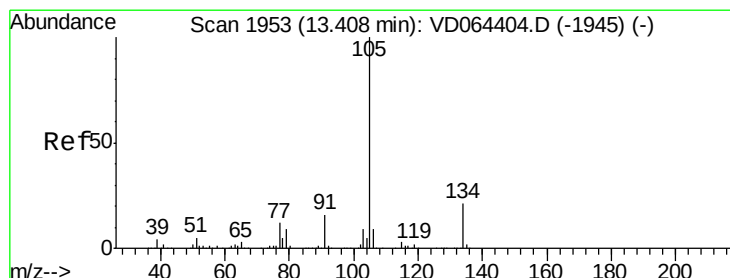
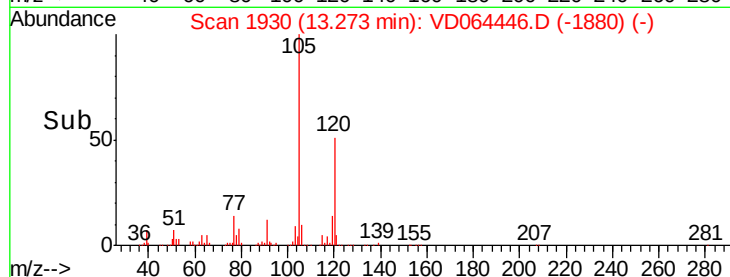
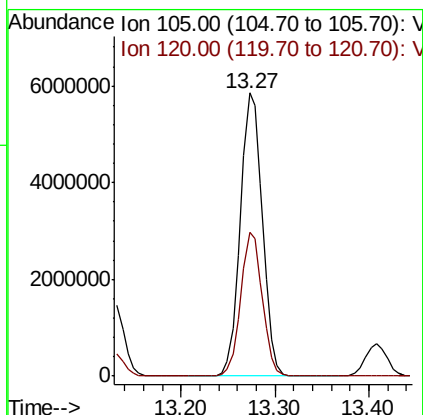
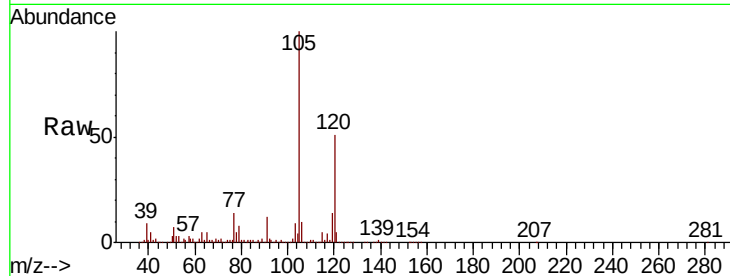




#84
 1,2,4-Trimethylbenzene
 Concen: 288.629 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

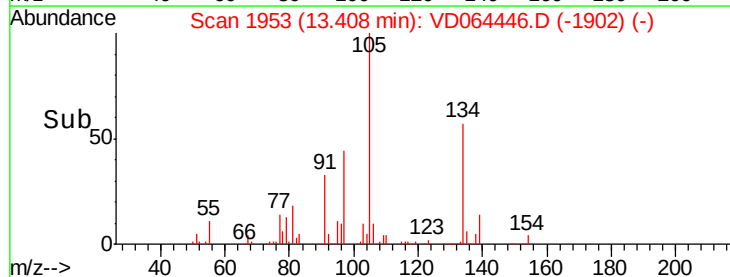
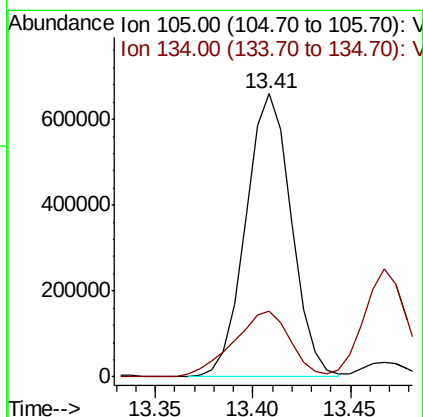
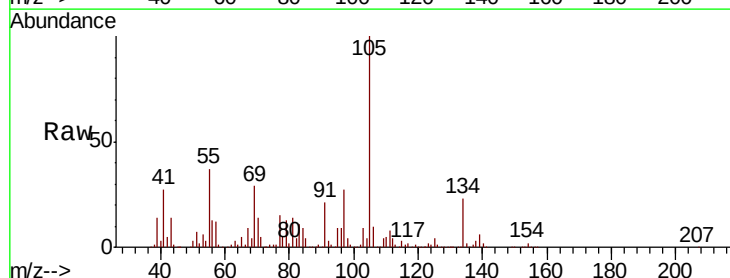
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-8

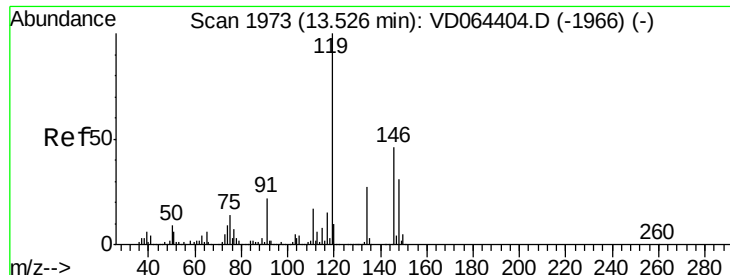
Tot Ion:105 Resp: 9474488
 Ion Ratio Lower Upper
 105 100
 120 49.4 23.6 70.8



#85
 sec-Butylbenzene
 Concen: 27.232 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

Tgt Ion:105 Resp: 1060732
 Ion Ratio Lower Upper
 105 100
 134 29.1 10.5 31.5

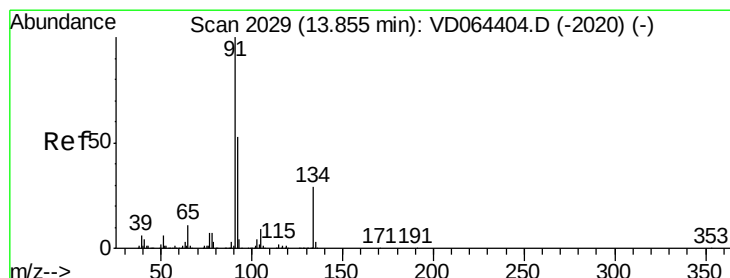
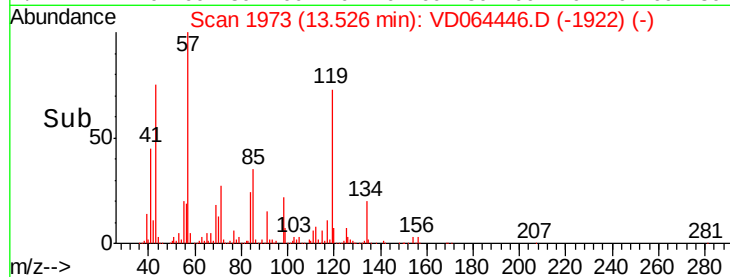
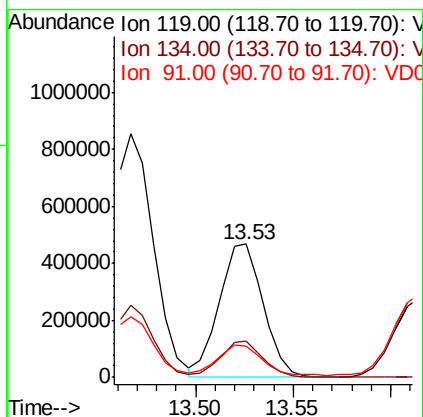
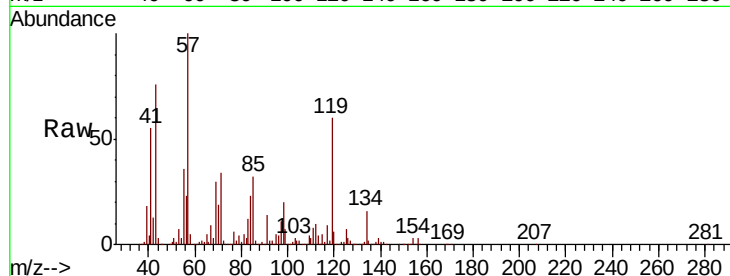




#86
p-Isopropyltoluene
Concen: 19.873 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

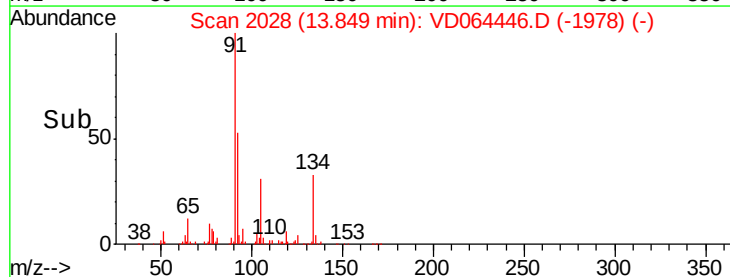
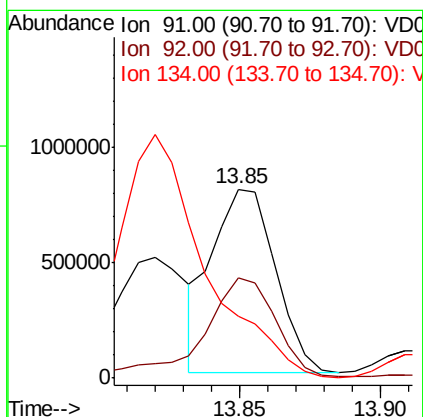
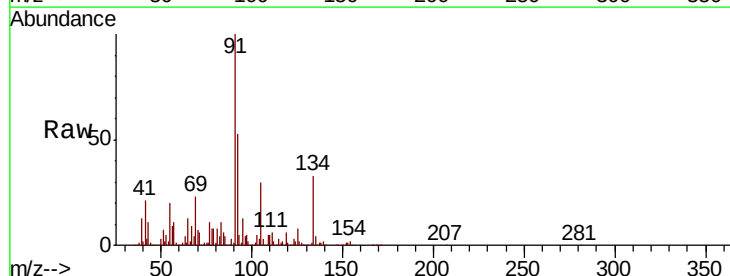
Instrument :
MSVOA_D
ClientSampled :
EP-8

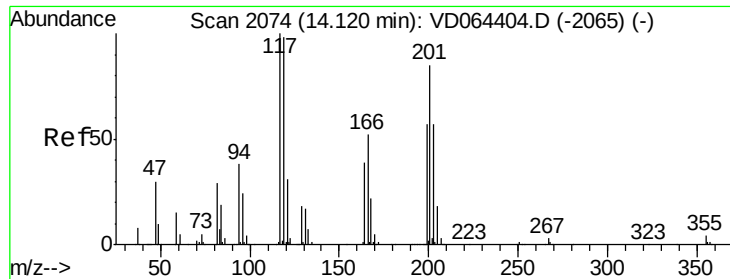
Tot Ion:119 Resp: 730820
Ion Ratio Lower Upper
119 100
134 26.2 13.5 40.4
91 22.1 11.2 33.5



#89
n-Butylbenzene
Concen: 37.149 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064446.D
Acq: 05 Dec 2019 19:55

Tgt Ion: 91 Resp: 1240627
Ion Ratio Lower Upper
91 100
92 60.9 26.5 79.4
134 0.0 13.9 41.7#





#90

Hexachloroethane

Concen: 61.454 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

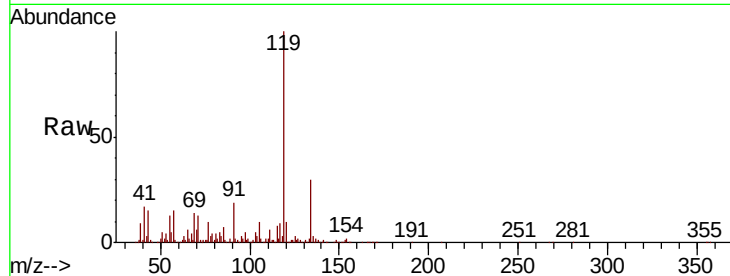
EP-8

Tot Ion:117 Resp: 422695

Ion Ratio Lower Upper

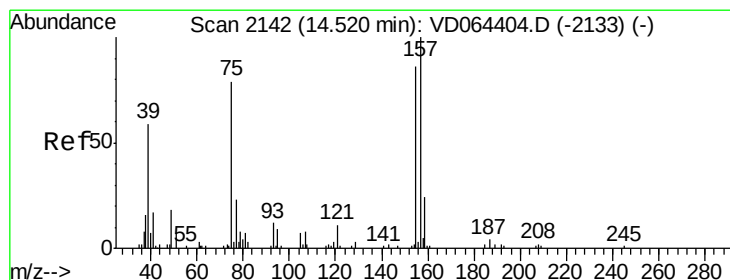
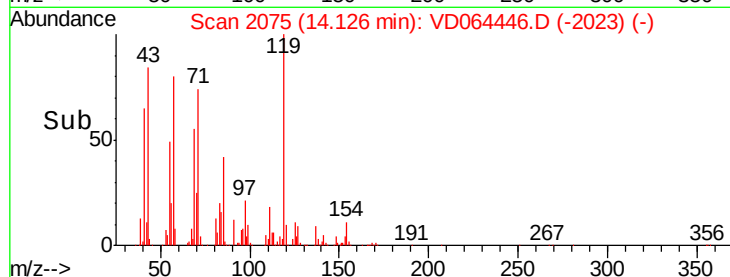
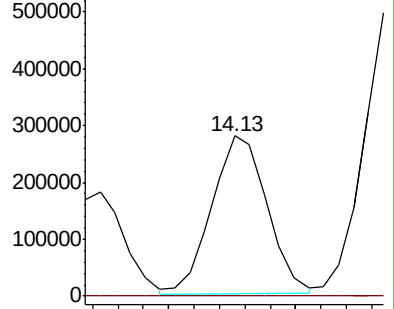
117 100

201 0.0 44.3 132.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.461 ug/l

RT: 14.53 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VD064446.D

Acq: 05 Dec 2019 19:55

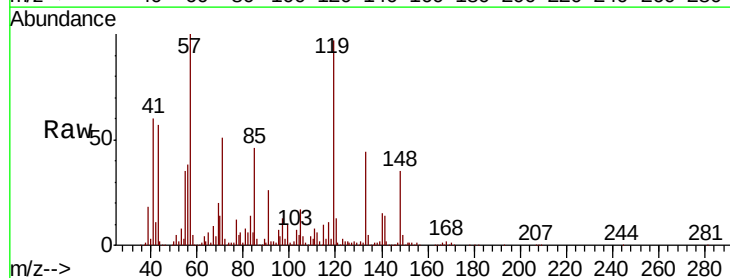
Tgt Ion: 75 Resp: 18249

Ion Ratio Lower Upper

75 100

155 106.3 51.9 155.7

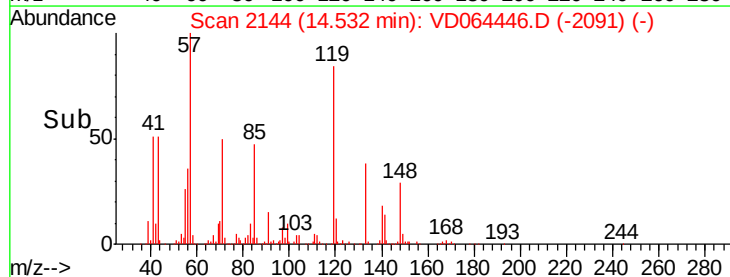
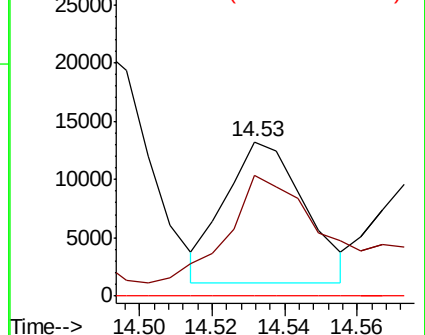
157 0.0 63.2 189.8#

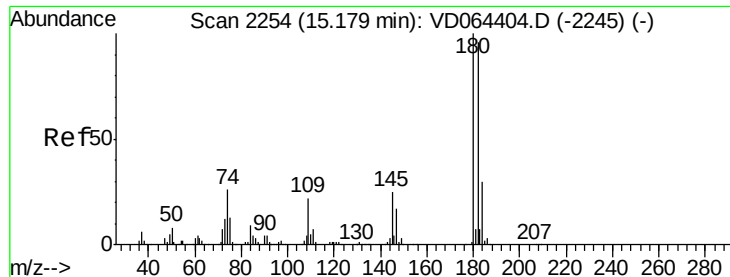


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

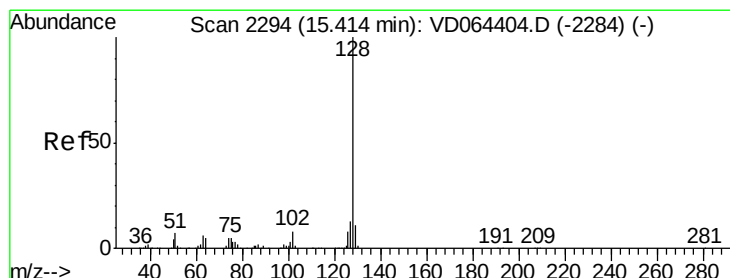
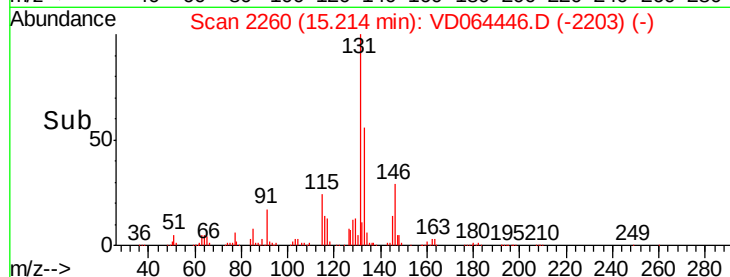
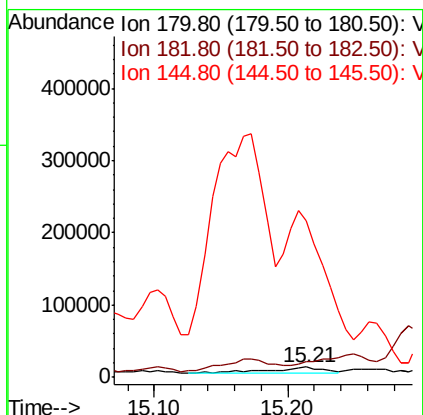
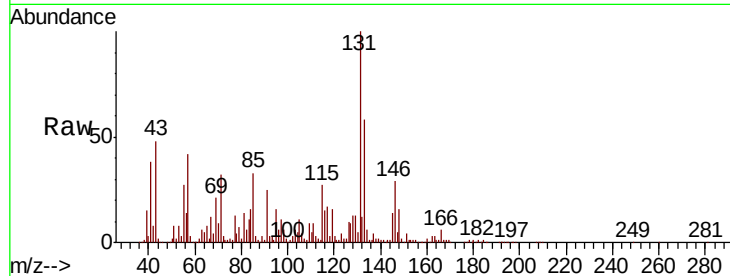




#93
 1,2,4-Trichlorobenzene
 Concen: 2.037 ug/l
 RT: 15.21 min Scan# 2260
 Delta R.T. 0.04 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

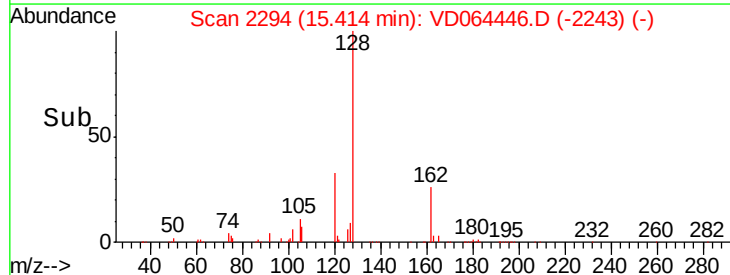
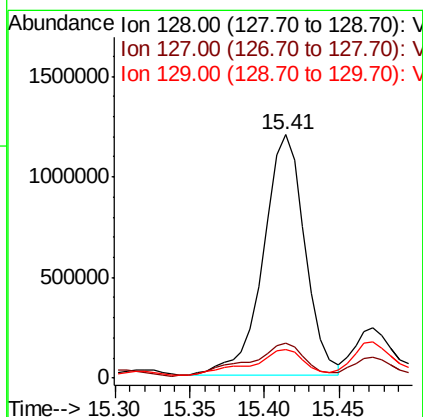
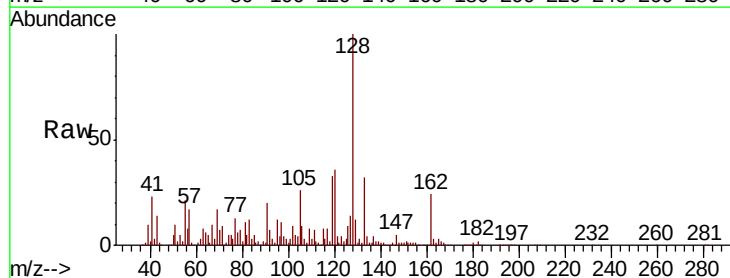
Instrument :
 MSVOA_D
 ClientSampled :
 EP-8

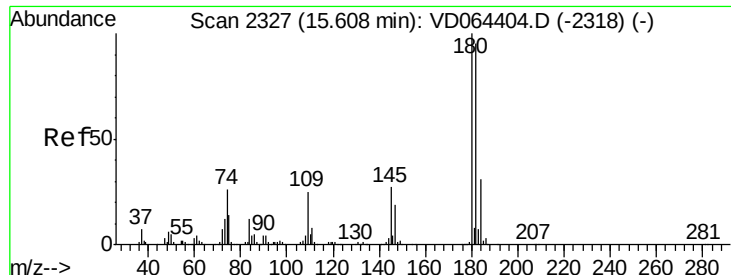
Tot Ion:180 Resp: 24958
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 1824.3 14.0 41.9#



#95
 Naphthalene
 Concen: 112.880 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

Tgt Ion:128 Resp: 2308579
 Ion Ratio Lower Upper
 128 100
 127 17.7 10.5 15.7#
 129 13.7 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.079 ug/l
 RT: 15.63 min Scan# 2330
 Delta R.T. 0.02 min
 Lab File: VD064446.D
 Acq: 05 Dec 2019 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-8

Tot Ion:180 Resp: 53130
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 2035.3 14.6 43.8#

