

Data File : VD064231.D
Acq On : 15 Nov 2019 17:02
Operator : VA/SY
Sample : K5864-07
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

Quant Time: Nov 16 04:52:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	929535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1379197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1122132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	795134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	401294	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.92	113	418463	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.34	98	1679758	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
62) 4-Bromofluorobenzene	12.64	95	862301	83.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.74%	

Target Compounds				Qvalue		
10) Methyl Iodide	4.30	142	102	2.042	ug/l #	69
13) Acrolein	3.93	56	483	1.069	ug/l #	78
16) Acetone	4.17	43	66755	36.859	ug/l	96
18) Methyl Acetate	4.73	43	6237	1.233	ug/l #	90
20) Methylene Chloride	4.96	84	16379	1.790	ug/l	97
25) 2-Butanone	7.23	43	14583	6.233	ug/l	95
31) Cyclohexane	7.98	56	21306	1.420	ug/l #	36
36) 1,1-Dichloropropene	7.98	75	61753	4.851	ug/l #	49
38) Carbon Tetrachloride	7.98	117	82528	6.059	ug/l #	15
39) Methylcyclohexane	9.35	83	111568	6.927	ug/l	90
43) Isopropyl Acetate	8.45	43	18462	1.670	ug/l #	53
48) Methyl methacrylate	9.49	41	10581	1.957	ug/l #	32
51) 4-Methyl-2-Pentanone	10.27	43	24194	4.563	ug/l #	70
55) 1,1,2-Trichloroethane	10.77	97	522034	84.892	ug/l #	22
56) Ethyl methacrylate	10.68	69	216024	25.113	ug/l #	1
59) 2-Hexanone	10.96	43	1069833	283.616	ug/l #	31
69) o-Xylene	12.18	106	19774	1.348	ug/l #	1
73) Isopropylbenzene	12.48	105	633484	10.854	ug/l	98
74) N-amyl acetate	12.28	43	3330421	241.648	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.72	83	327236	37.211	ug/l #	51
76) 1,2,3-Trichloropropane	12.83	75	9759	1.524	ug/l #	100
78) n-propylbenzene	12.83	91	1264633	18.966	ug/l	98
79) 2-Chlorotoluene	12.91	91	72900	1.936	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.13	105	241519	5.036	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.49	75	8468	2.626	ug/l #	1
82) 4-Chlorotoluene	12.96	91	87948	2.240	ug/l #	39
83) tert-Butylbenzene	13.23	119	230078	5.441	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.13	105	241519	5.101	ug/l	76
85) sec-Butylbenzene	13.41	105	2911740	51.267	ug/l	88
86) p-Isopropyltoluene	13.68	119	1347982	24.965	ug/l	89
89) n-Butylbenzene	13.86	91	2518078	51.619	ug/l #	75
90) Hexachloroethane	14.13	117	1630814	163.427	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.53	75	49752	31.642	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.21	180	100759	5.863	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111519\
Quantitation Report (Not Reviewed)

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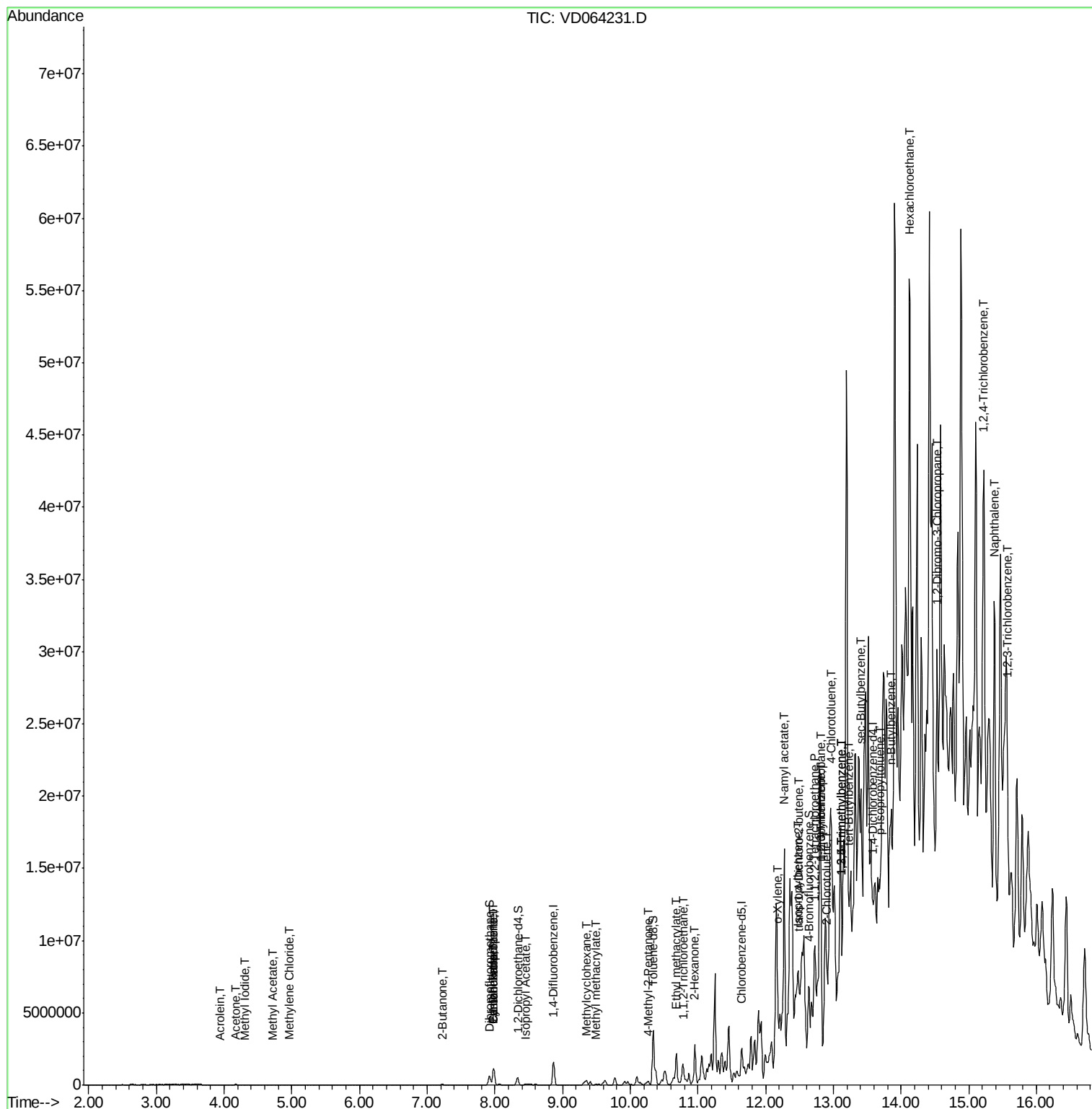
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	331377	11.763	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	133980	9.172	ug/l #	1

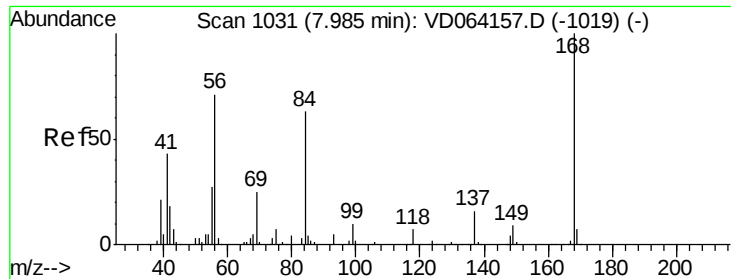
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

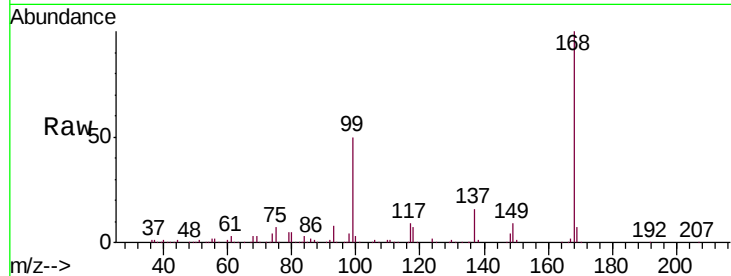
SB-04-7.5-8.0

Tgt Ion:168 Resp: 929535

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

300000

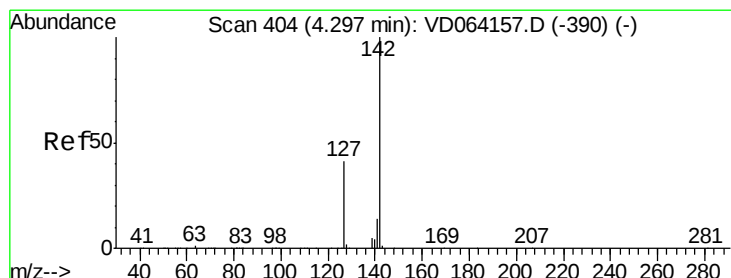
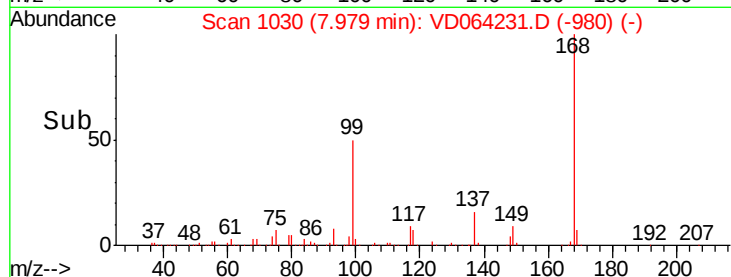
200000

100000

0

7.90 8.00 8.10

Time-->



#10

Methyl Iodide

Concen: 2.042 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

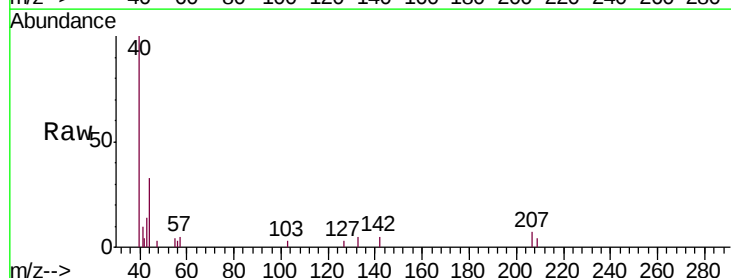
Tgt Ion:142 Resp: 102

Ion Ratio Lower Upper

142 100

127 61.8 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

400

300

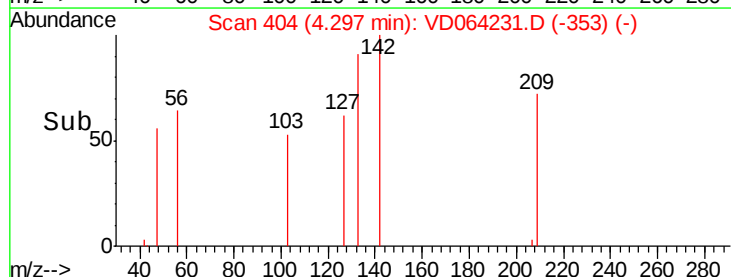
200

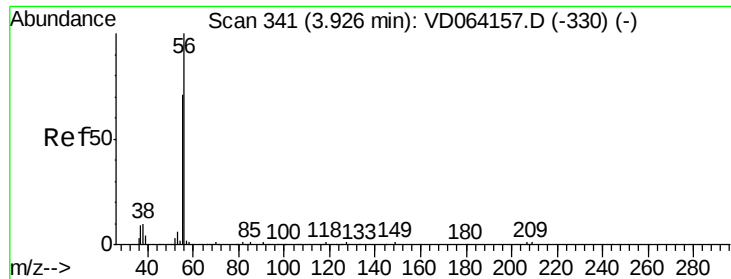
100

0

4.29 4.30 4.31

Time-->





#13

Acrolein

Concen: 1.069 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

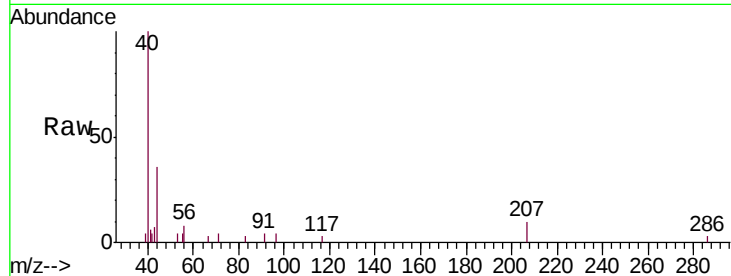
SB-04-7.5-8.0

Tgt Ion: 56 Resp: 483

Ion Ratio Lower Upper

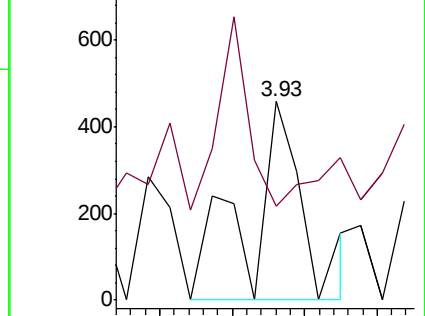
56 100

55 52.4 56.1 84.1#

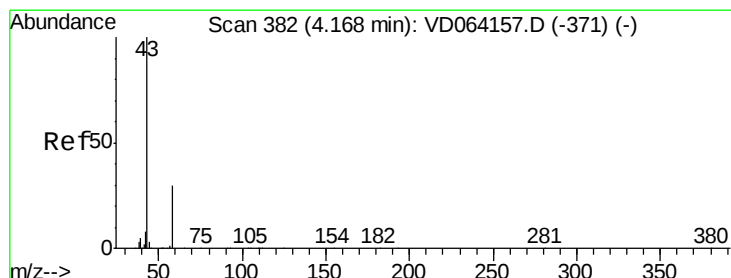
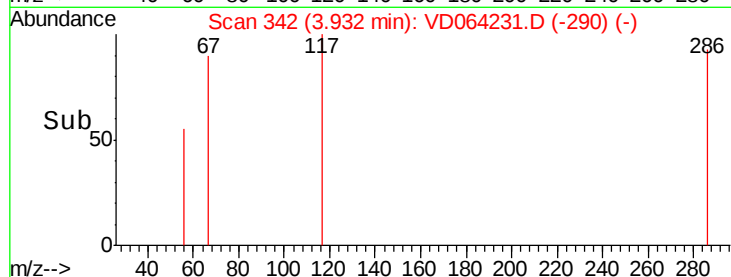


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#16

Acetone

Concen: 36.859 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064231.D

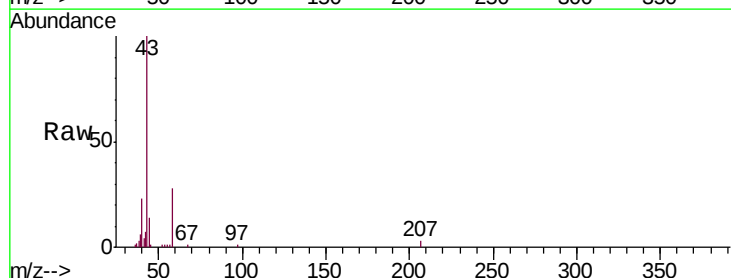
Acq: 15 Nov 2019 17:02

Tgt Ion: 43 Resp: 66755

Ion Ratio Lower Upper

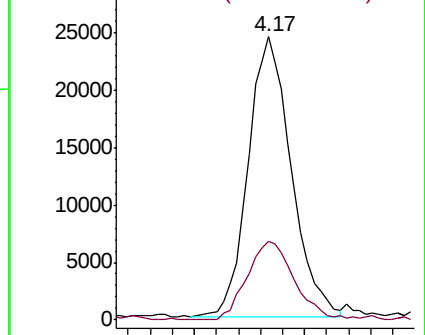
43 100

58 28.1 24.1 36.1

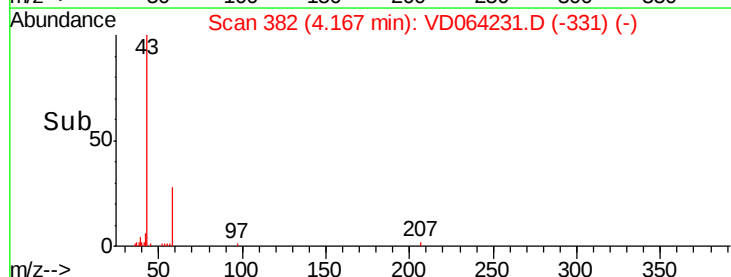


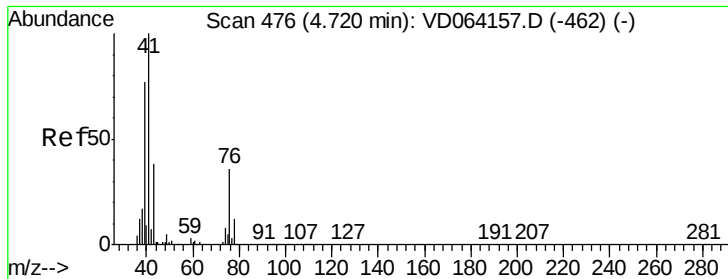
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->

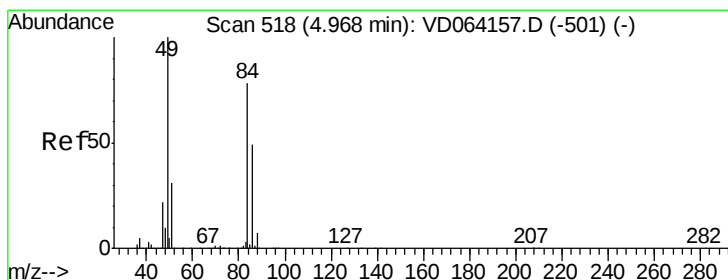
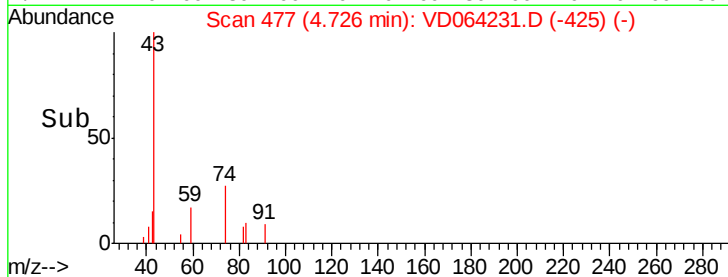
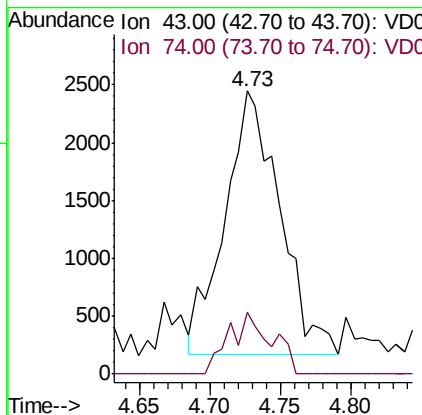
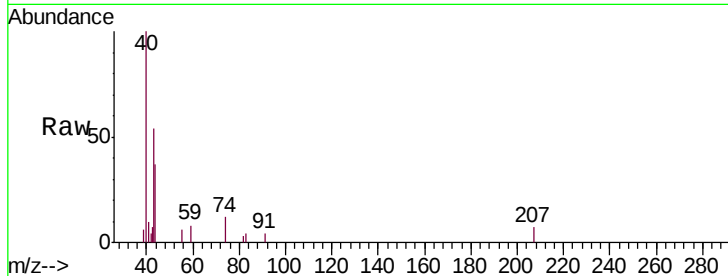




#18
Methyl Acetate
Concen: 1.233 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

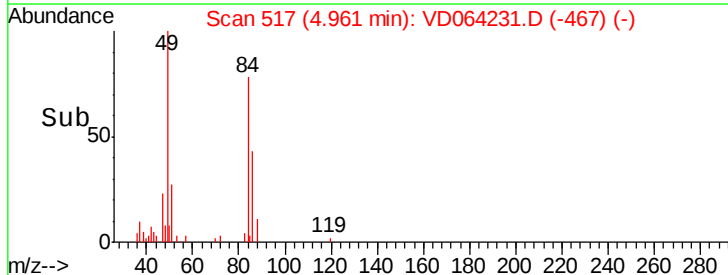
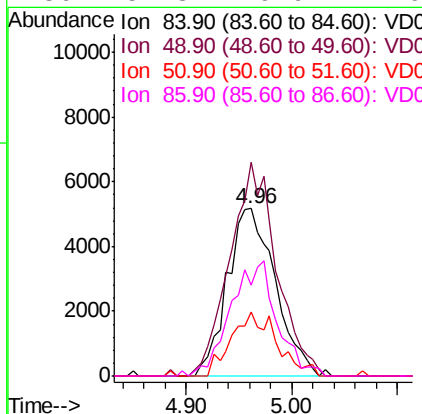
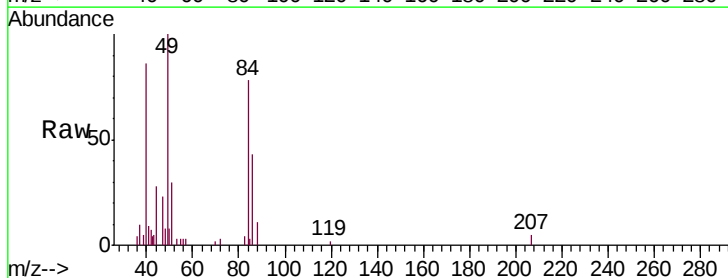
Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

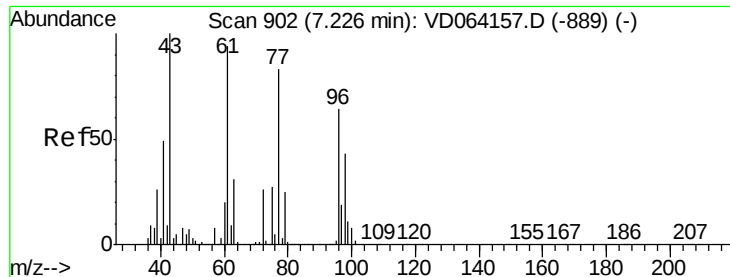
Tgt Ion: 43 Resp: 6237
Ion Ratio Lower Upper
43 100
74 18.0 18.4 27.6#



#20
Methylene Chloride
Concen: 1.790 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion: 84 Resp: 16379
Ion Ratio Lower Upper
84 100
49 127.4 102.1 153.1
51 38.4 32.2 48.2
86 54.3 49.9 74.9





#25

2-Butanone

Concen: 6.233 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

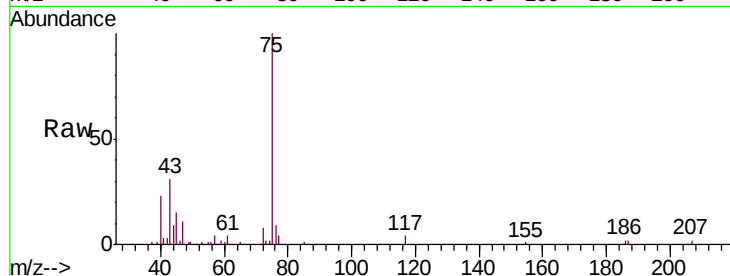
SB-04-7.5-8.0

Tgt Ion: 43 Resp: 14583

Ion Ratio Lower Upper

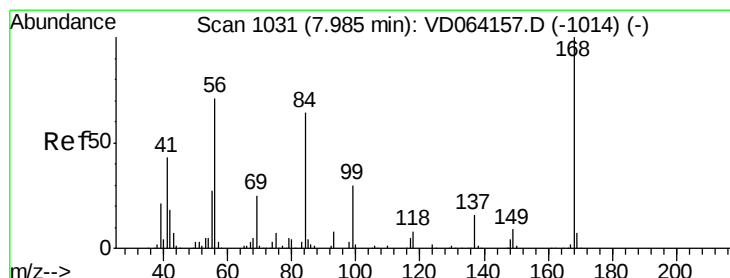
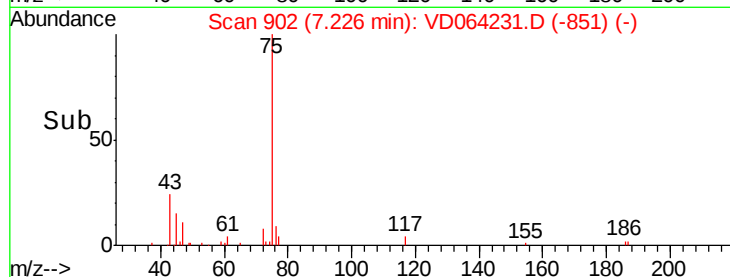
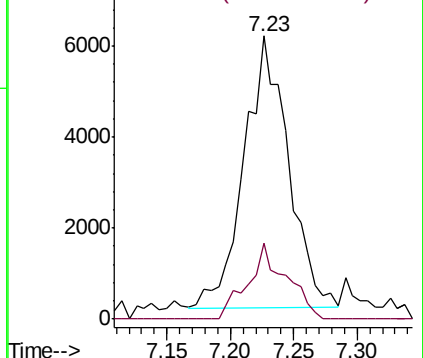
43 100

72 28.1 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.420 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

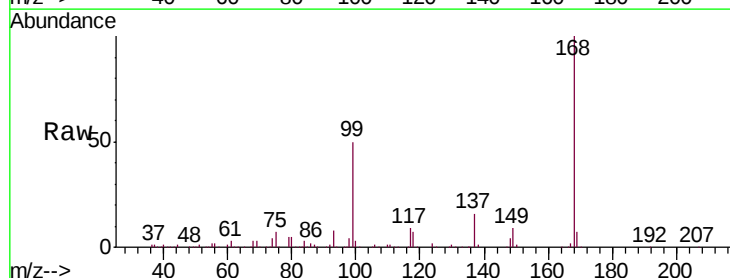
Tgt Ion: 56 Resp: 21306

Ion Ratio Lower Upper

56 100

69 133.4 28.2 42.4#

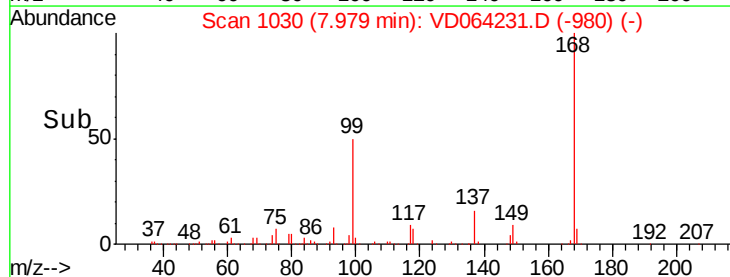
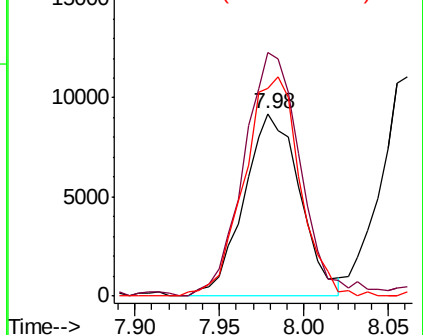
84 111.4 71.8 107.6#

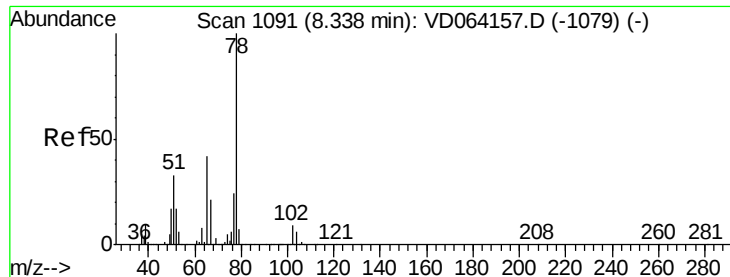


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

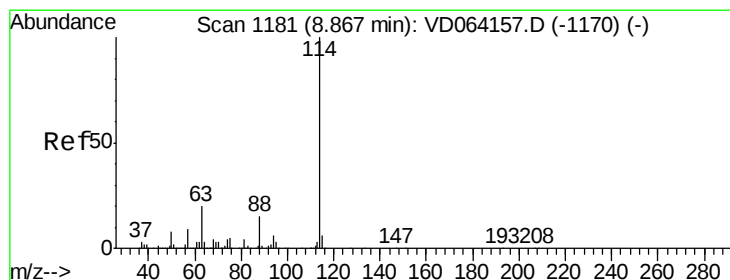
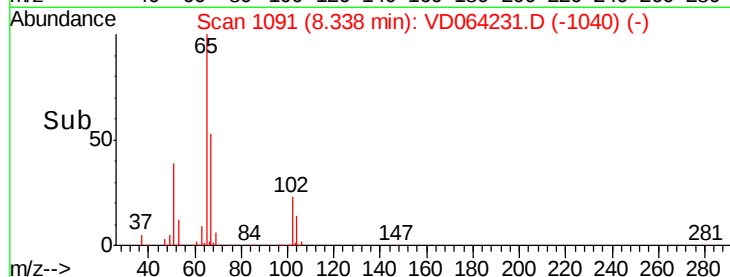
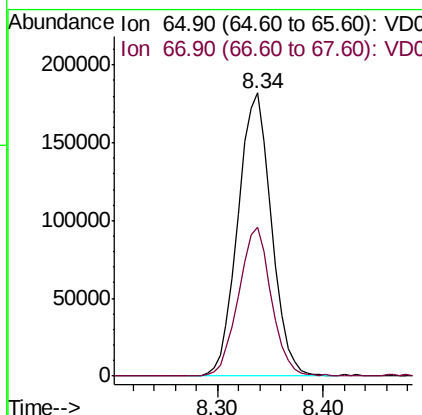
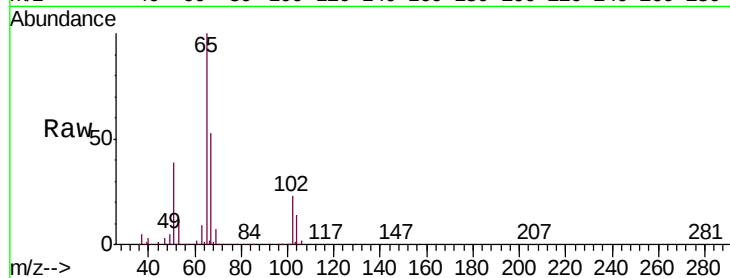




#33
 1,2-Dichloroethane-d4
 Concen: 52.492 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

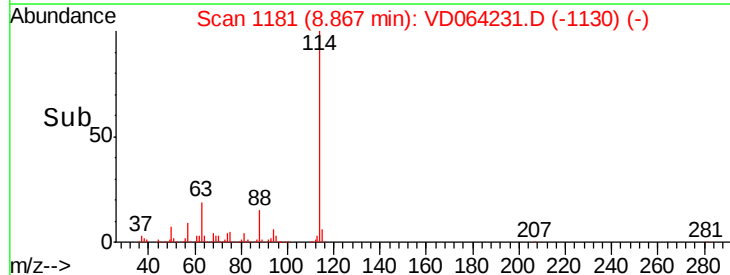
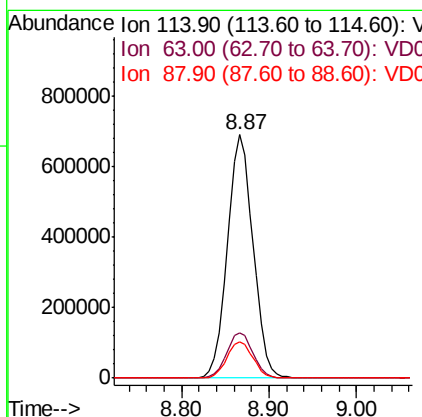
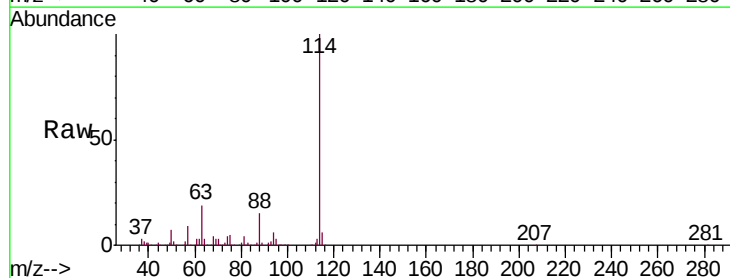
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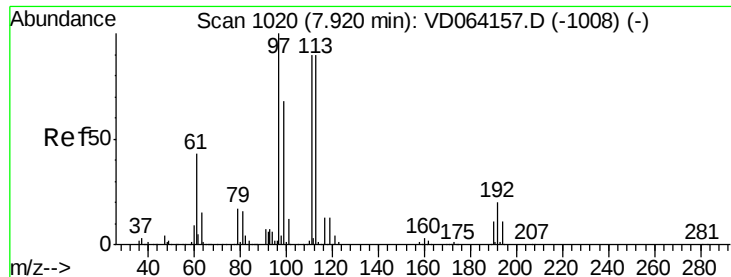
Tgt Ion: 65 Resp: 401294
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion: 114 Resp: 1379197
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 14.6 0.0 30.2

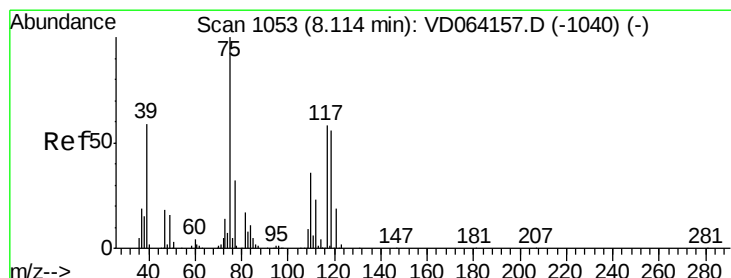
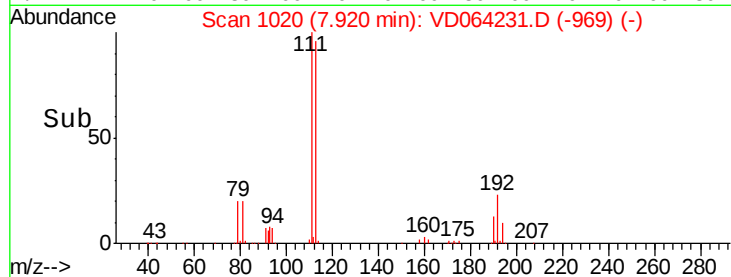
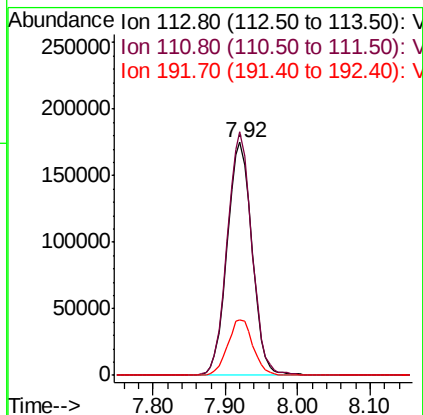
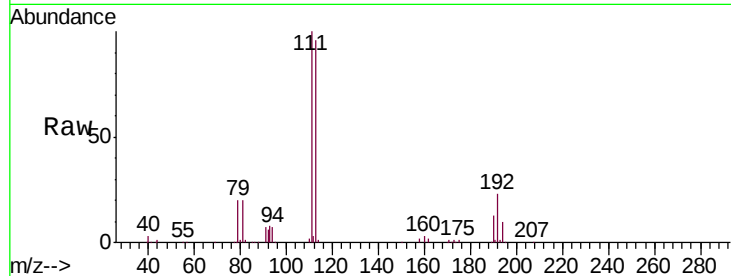




#35
 Dibromofluoromethane
 Concen: 52.857 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

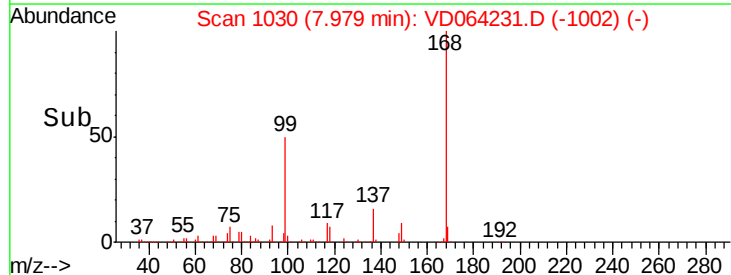
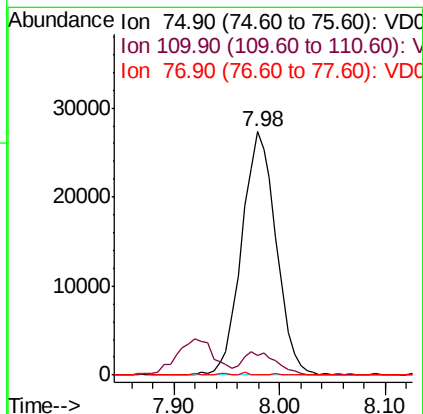
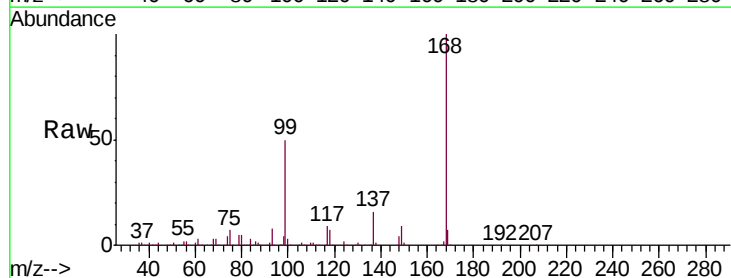
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

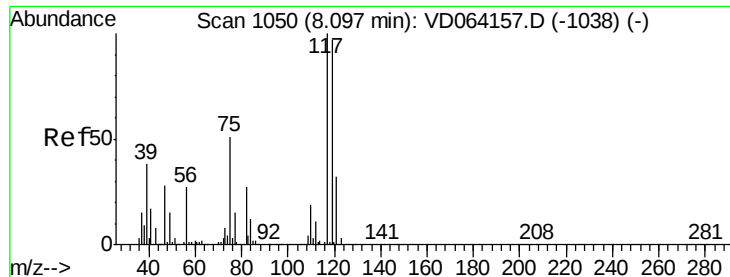
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	24.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.9#
77	0.2	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.059 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

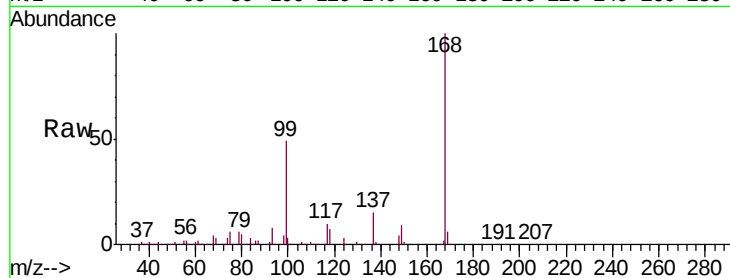
Tgt Ion: 117 Resp: 82528

Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

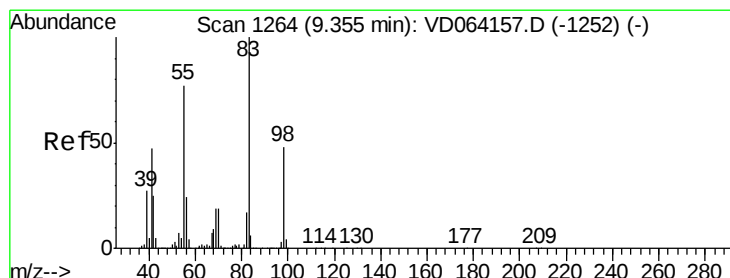
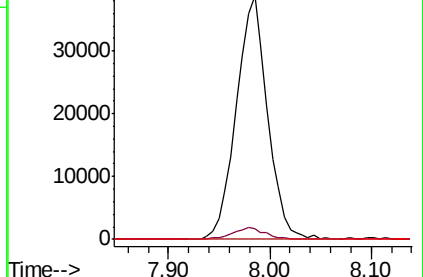
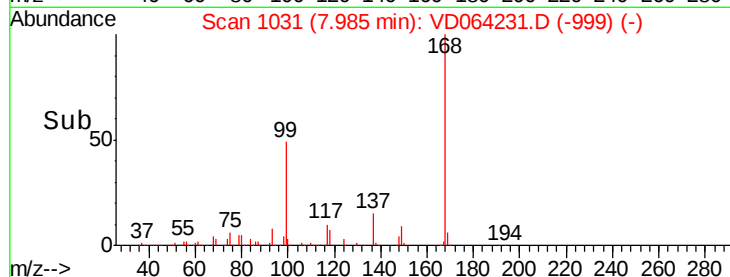
121 0.0 25.5 38.3#



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: 6.927 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

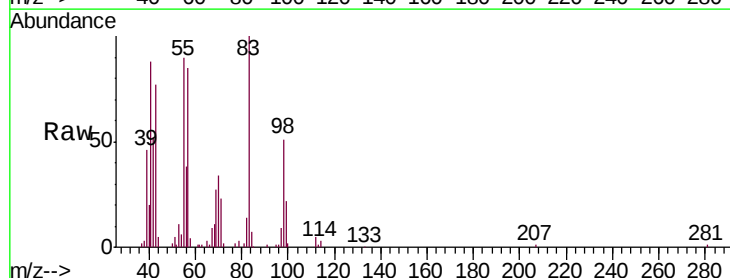
Tgt Ion: 83 Resp: 111568

Ion Ratio Lower Upper

83 100

55 89.5 61.7 92.5

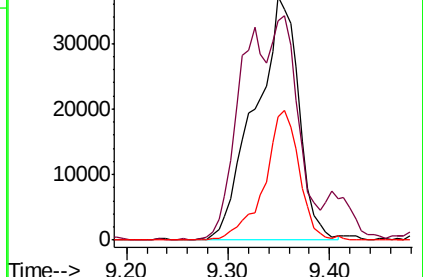
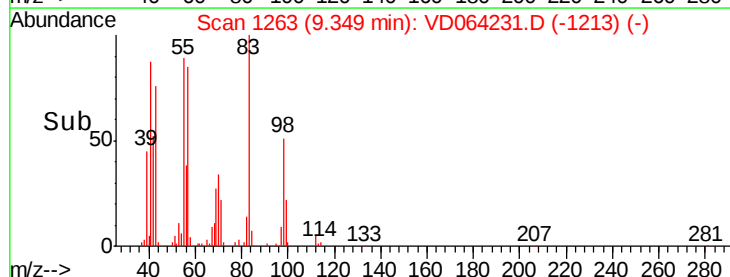
98 50.5 38.6 58.0

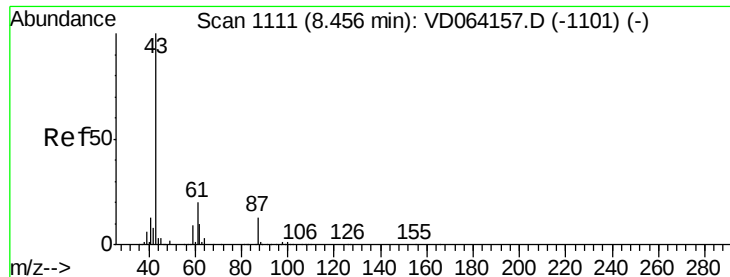


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#43

Isopropyl Acetate

Concen: 1.670 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

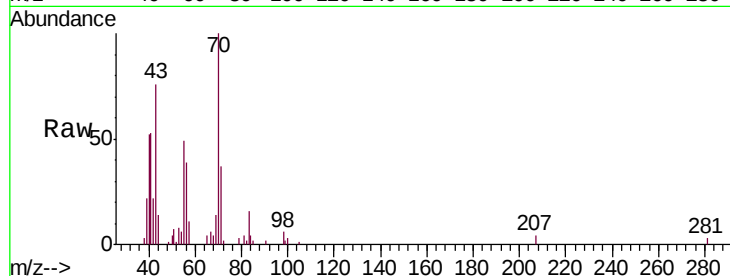
Tgt Ion: 43 Resp: 18462

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

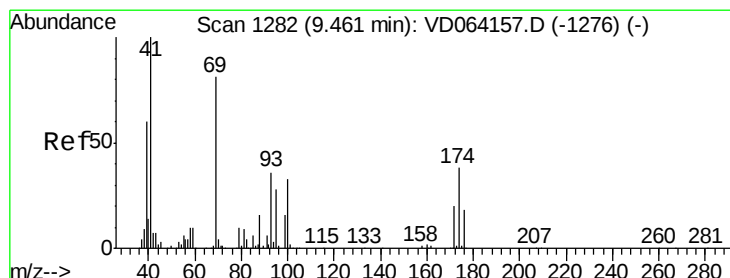
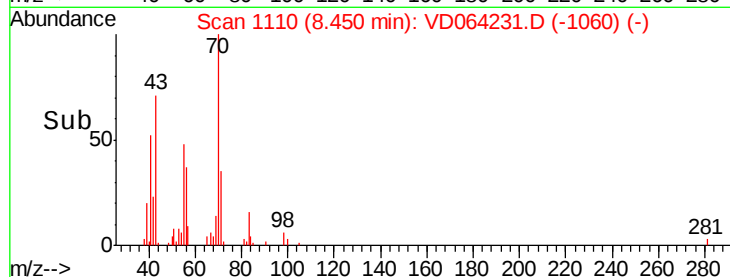
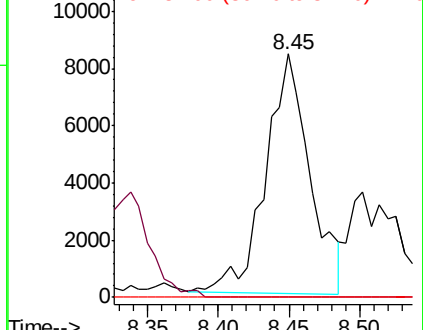
87 0.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#48

Methyl methacrylate

Concen: 1.957 ug/l

RT: 9.49 min Scan# 1287

Delta R.T. 0.03 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

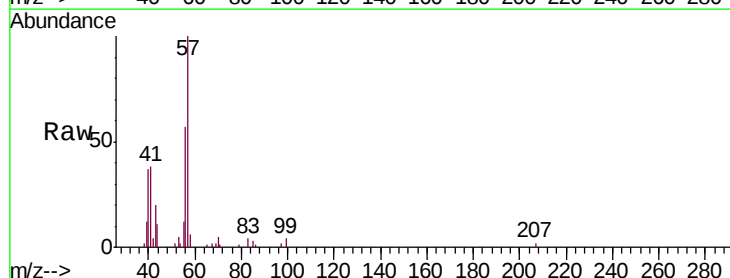
Tgt Ion: 41 Resp: 10581

Ion Ratio Lower Upper

41 100

69 0.0 64.6 97.0#

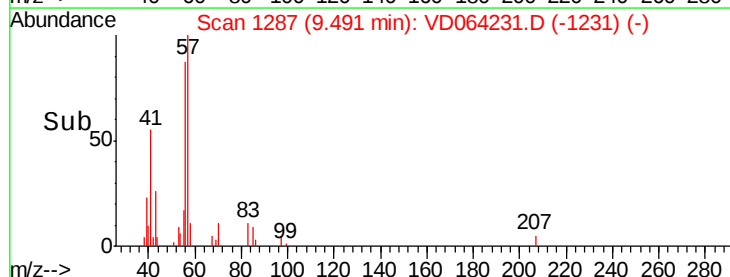
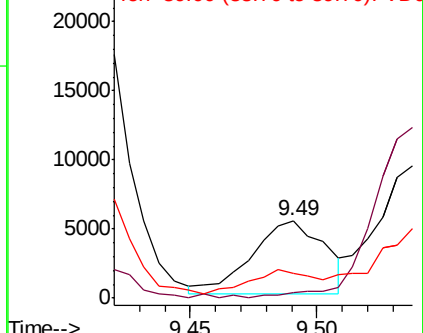
39 32.2 48.2 72.2#

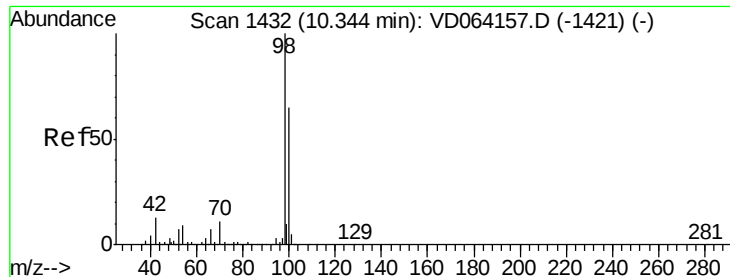


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#50

Toluene-d8

Concen: 56.244 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

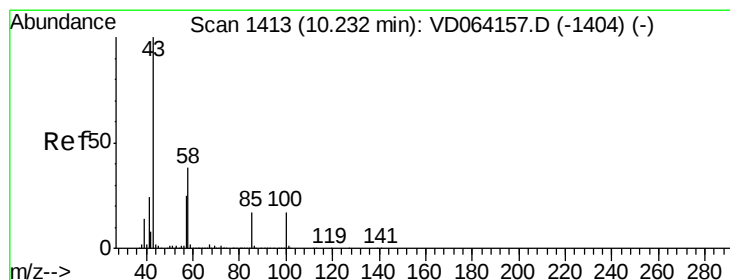
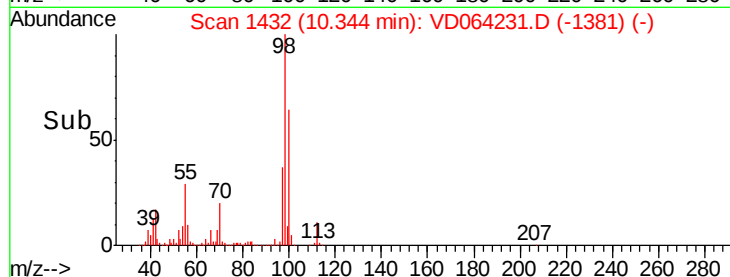
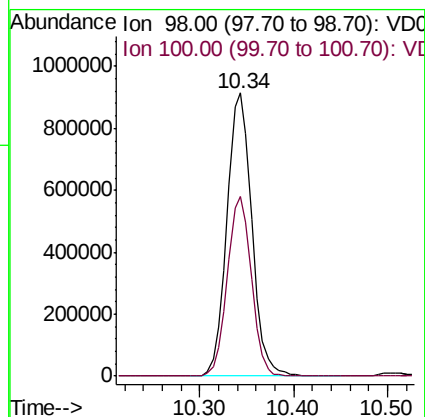
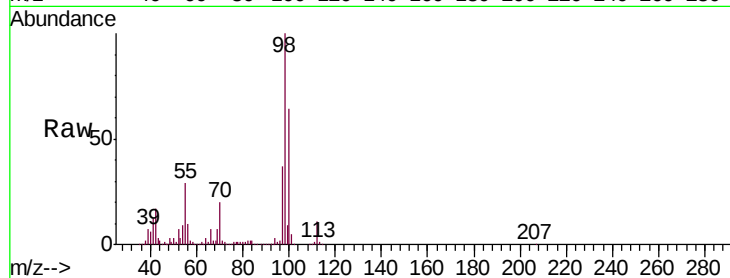
SB-04-7.5-8.0

Tgt Ion: 98 Resp: 1679758

Ion Ratio Lower Upper

98 100

100 61.4 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 4.563 ug/l

RT: 10.27 min Scan# 1419

Delta R.T. 0.04 min

Lab File: VD064231.D

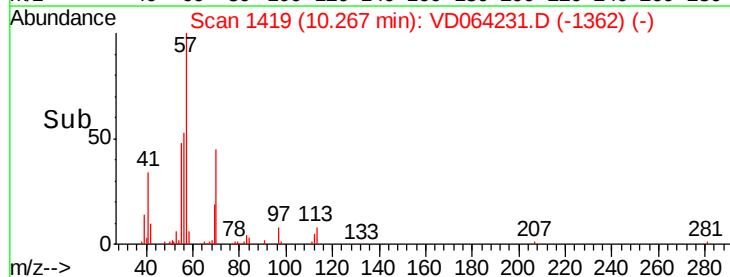
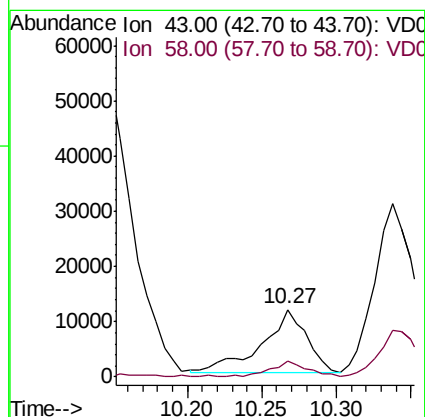
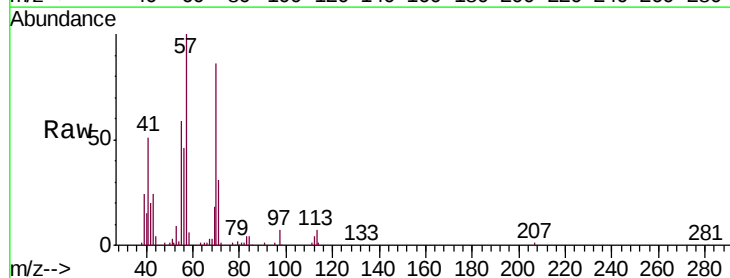
Acq: 15 Nov 2019 17:02

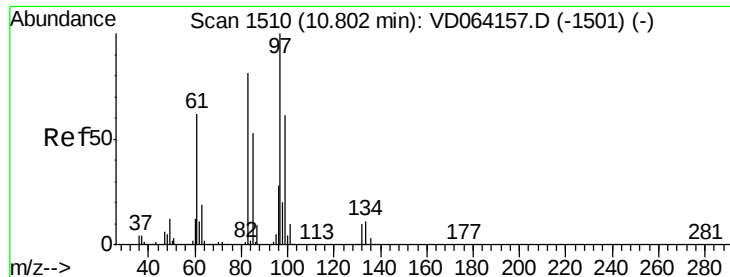
Tgt Ion: 43 Resp: 24194

Ion Ratio Lower Upper

43 100

58 19.5 30.2 45.4#

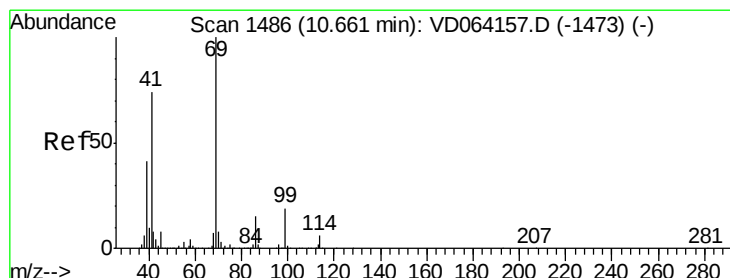
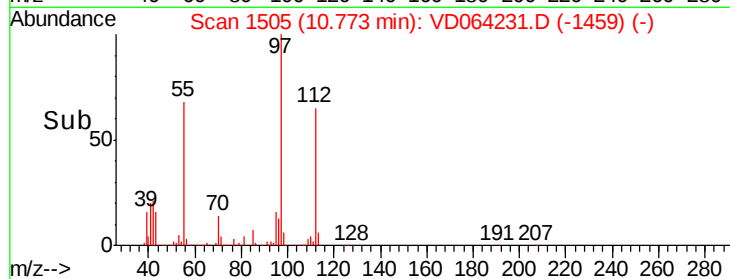
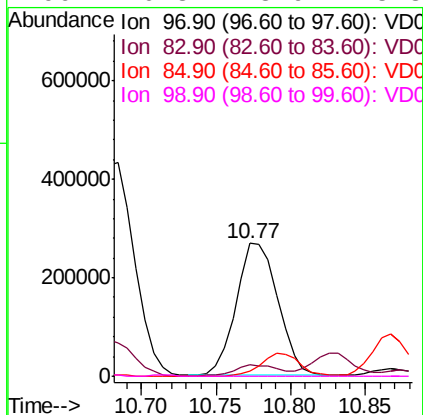
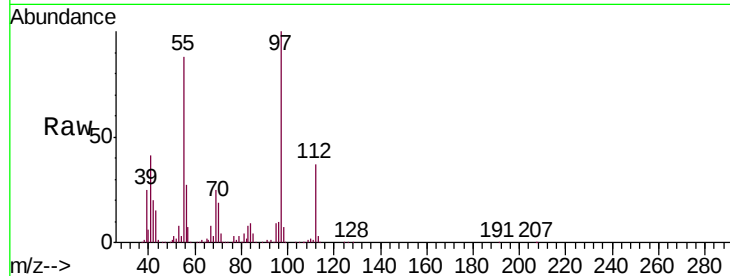




#55
 1,1,2-Trichloroethane
 Concen: 84.892 ug/l
 RT: 10.77 min Scan# 1505
 Delta R.T. -0.03 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

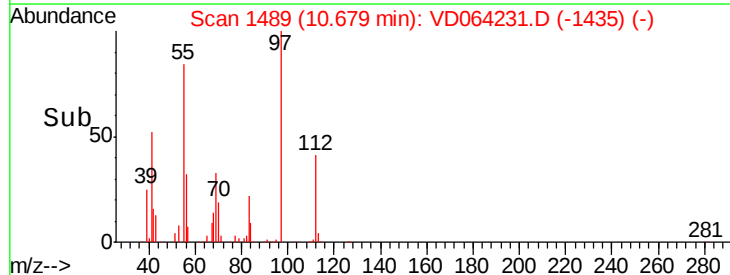
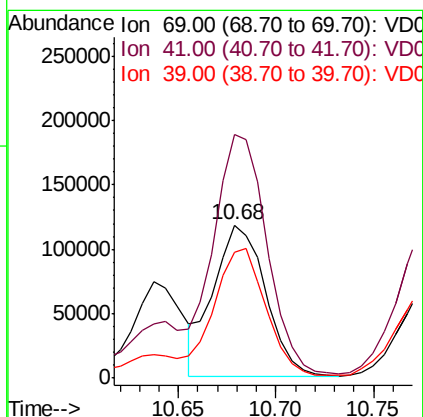
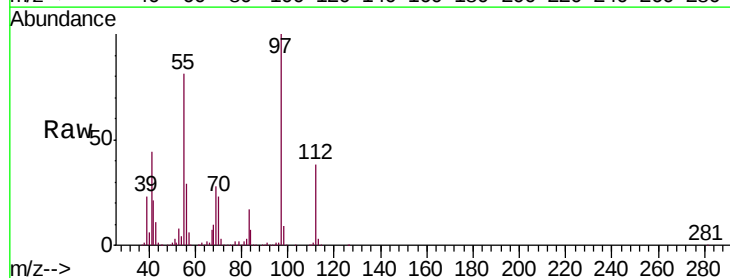
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

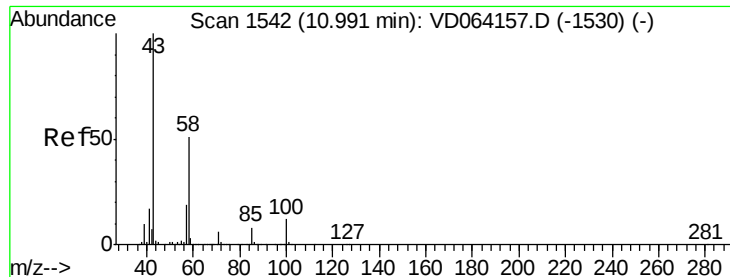
Tgt Ion	Ratio	Lower	Upper
97	100		
83	8.1	65.1	97.7#
85	4.1	42.0	63.0#
99	0.3	48.9	73.3#



#56
 Ethyl methacrylate
 Concen: 25.113 ug/l
 RT: 10.68 min Scan# 1489
 Delta R.T. 0.02 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	164.8	57.9	86.9#
39	84.4	29.0	43.4#

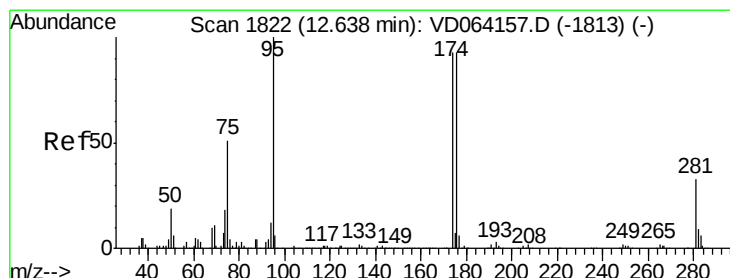
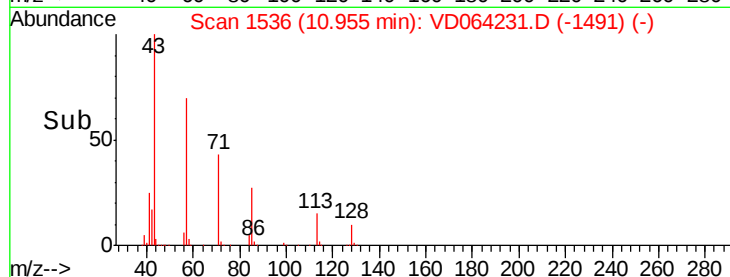
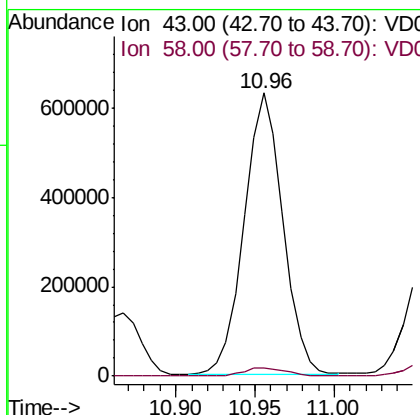
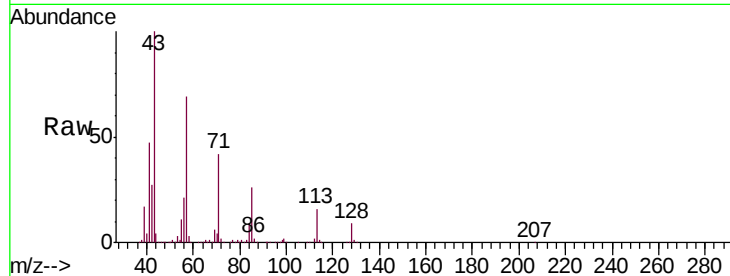




#59
2-Hexanone
Concen: 283.616 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

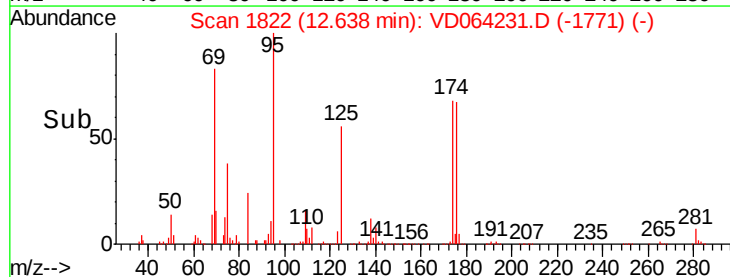
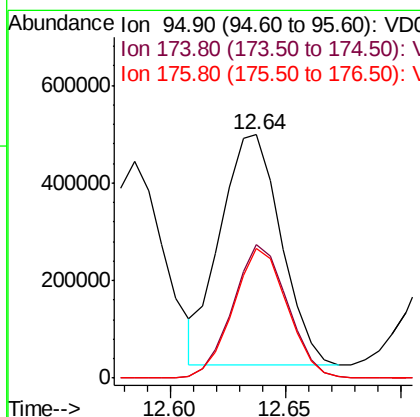
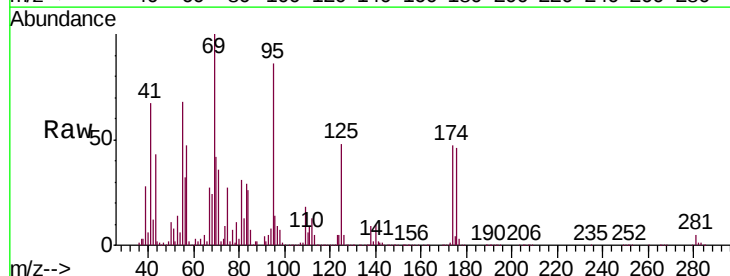
Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

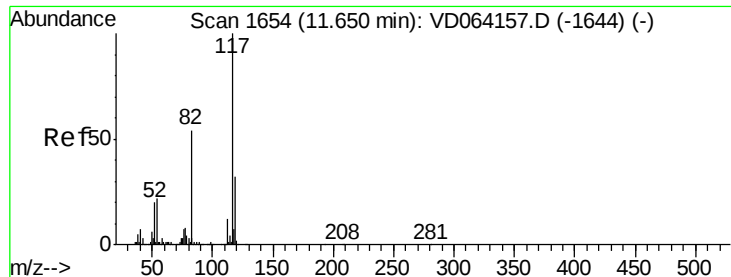
Tgt Ion: 43 Resp: 1069833
Ion Ratio Lower Upper
43 100
58 3.4 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 83.373 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion: 95 Resp: 862301
Ion Ratio Lower Upper
95 100
174 52.5 0.0 183.6
176 50.8 0.0 180.2

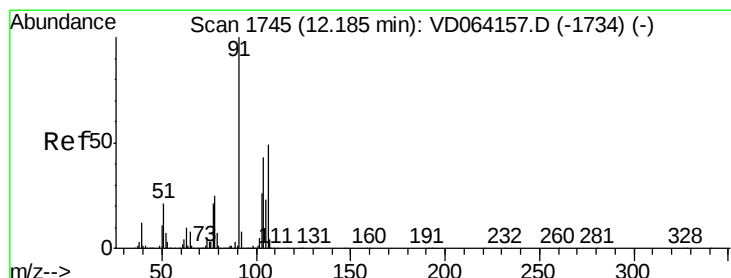
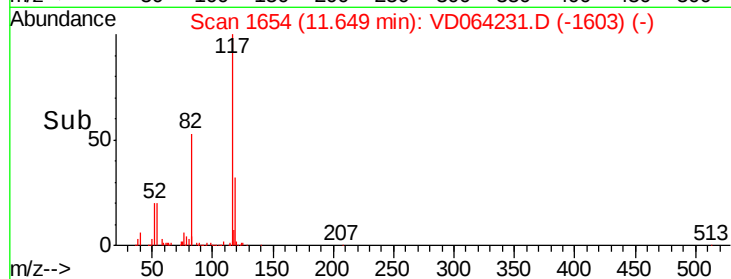
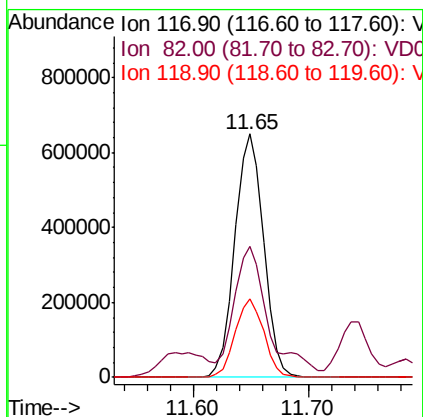
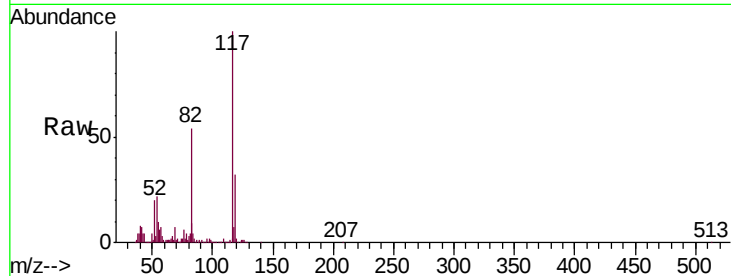




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

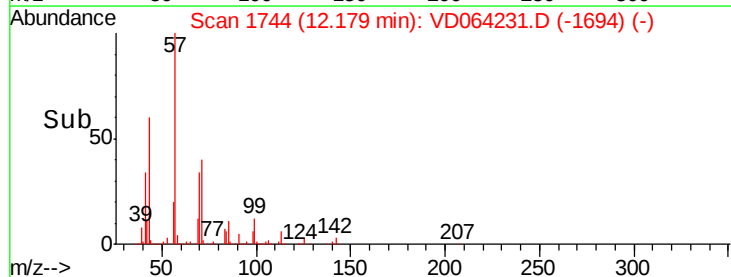
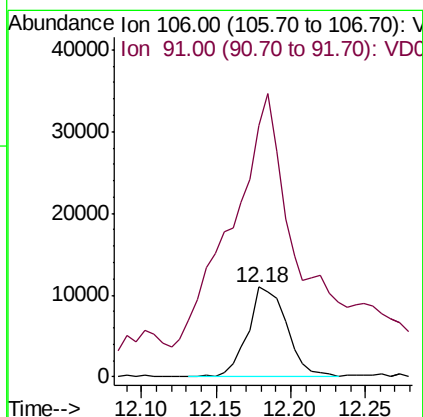
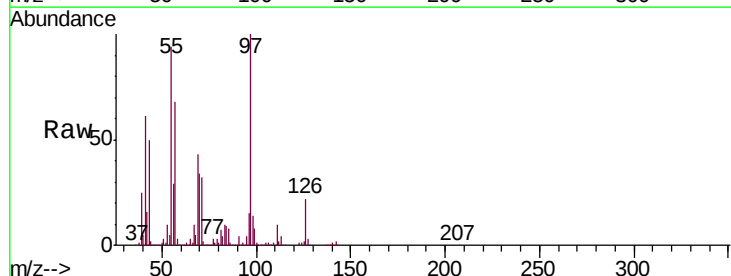
Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

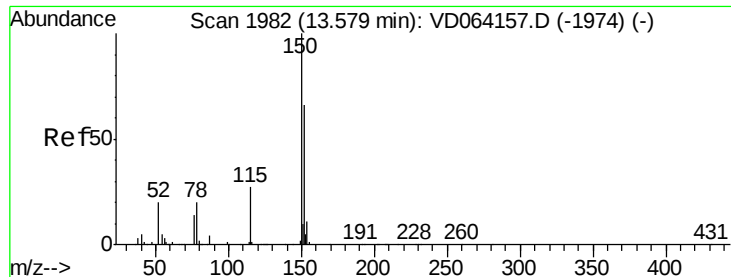
Tgt Ion:117 Resp: 1122132
Ion Ratio Lower Upper
117 100
82 44.0 42.8 64.2
119 32.4 25.6 38.4



#69
o-Xylene
Concen: 1.348 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion:106 Resp: 19774
Ion Ratio Lower Upper
106 100
91 443.9 105.1 315.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

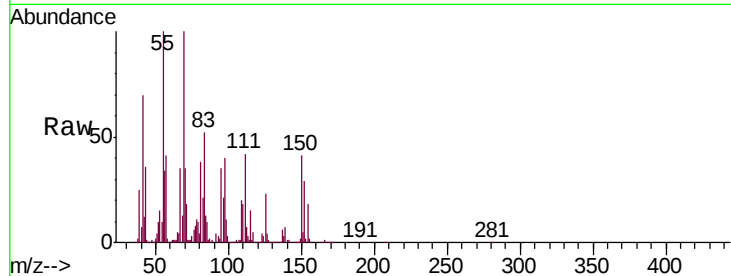
Tgt Ion:152 Resp: 795134

Ion Ratio Lower Upper

152 100

115 33.7 27.4 82.2

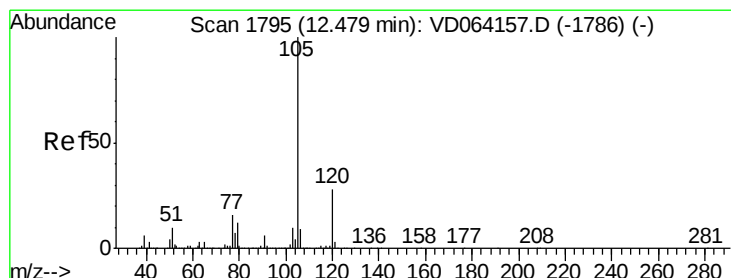
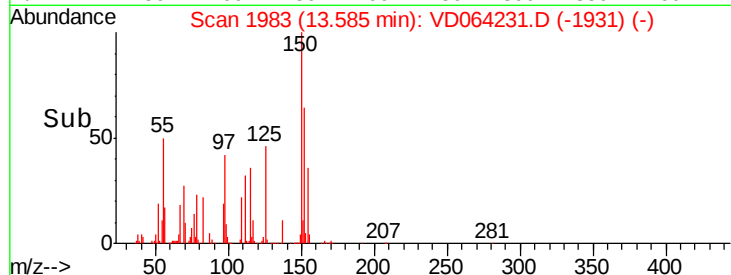
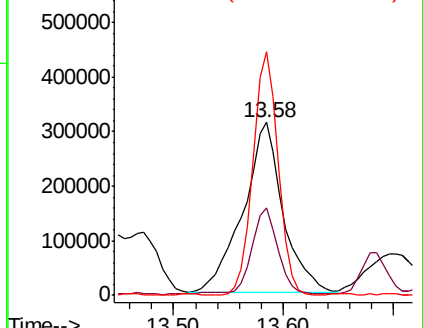
150 89.8 0.0 351.6



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



#73

Isopropylbenzene

Concen: 10.854 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064231.D

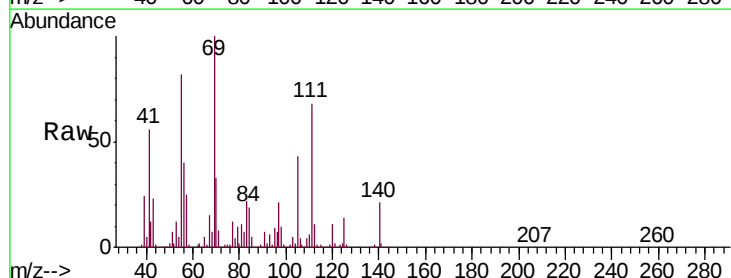
Acq: 15 Nov 2019 17:02

Tgt Ion:105 Resp: 633484

Ion Ratio Lower Upper

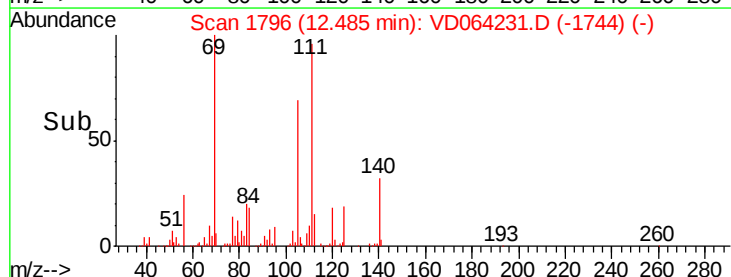
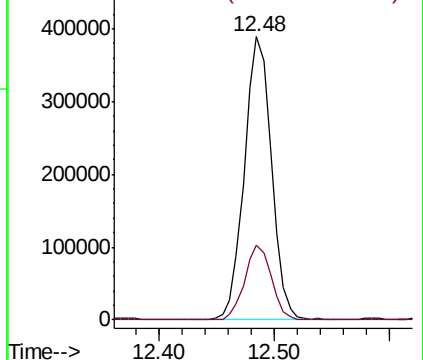
105 100

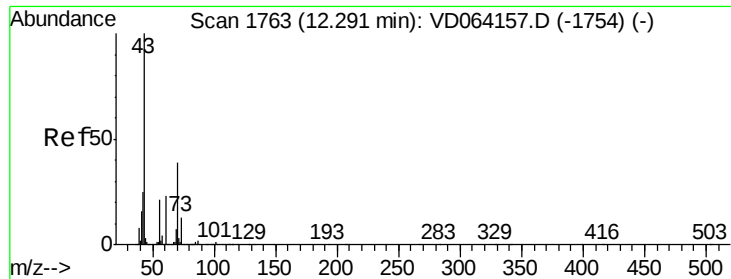
120 26.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 241.648 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

Tgt Ion: 43 Resp: 3330421

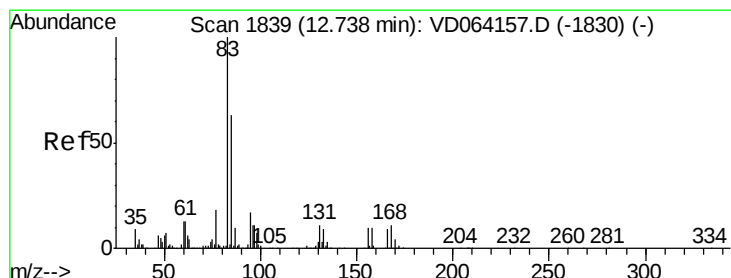
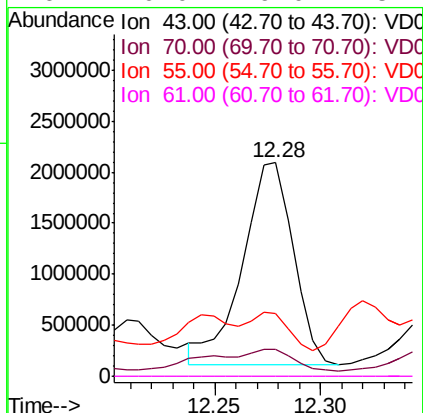
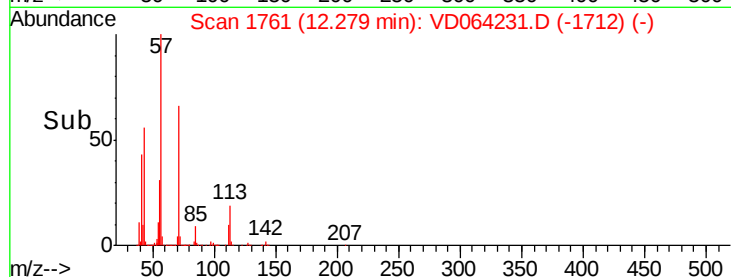
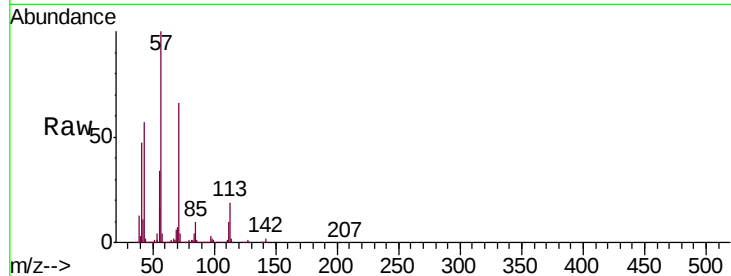
Ion Ratio Lower Upper

43 100

70 8.8 32.4 48.6#

55 13.7 17.9 26.9#

61 0.0 19.0 28.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 37.211 ug/l

RT: 12.72 min Scan# 1836

Delta R.T. -0.02 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

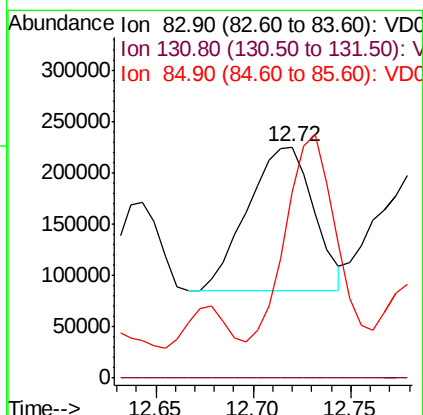
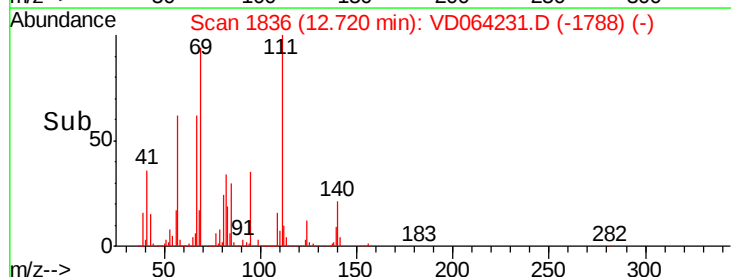
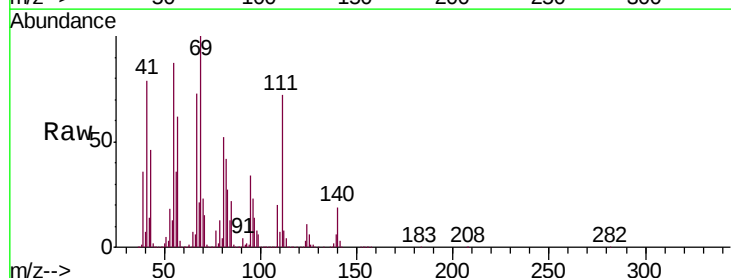
Tgt Ion: 83 Resp: 327236

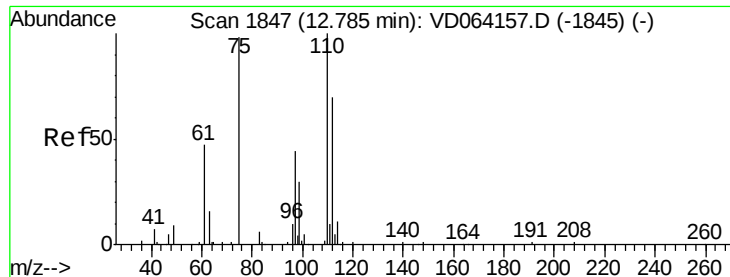
Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 106.8 32.5 97.5#





#76

1,2,3-Trichloropropane

Concen: 1.524 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.04 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

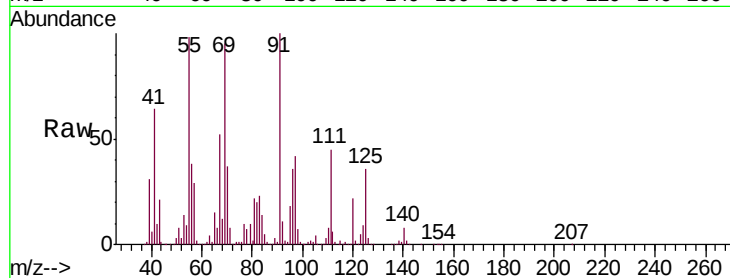
SB-04-7.5-8.0

Tgt Ion: 75 Resp: 9759

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

150000

100000

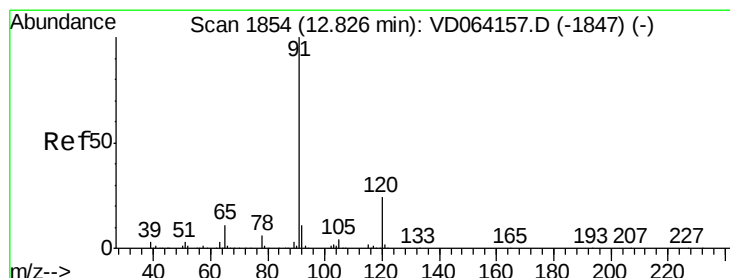
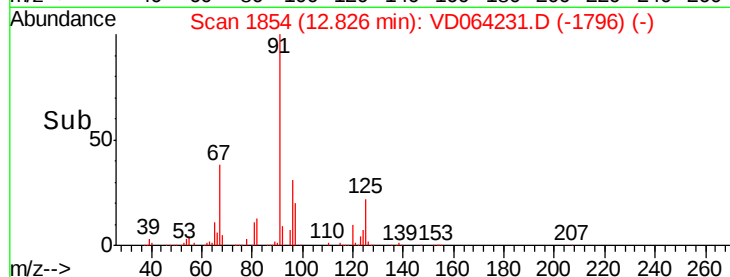
50000

0

12.75 12.80 12.85

12.83

Time-->



#78

n-propylbenzene

Concen: 18.966 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064231.D

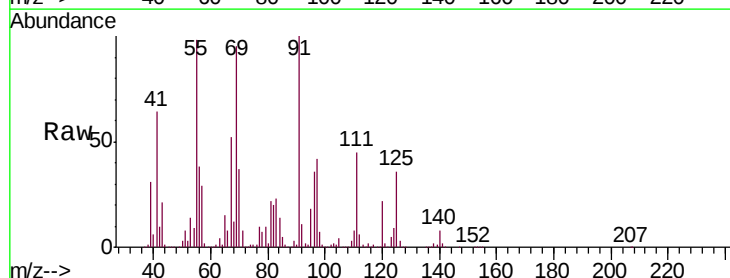
Acq: 15 Nov 2019 17:02

Tgt Ion: 91 Resp: 1264633

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC

800000

600000

400000

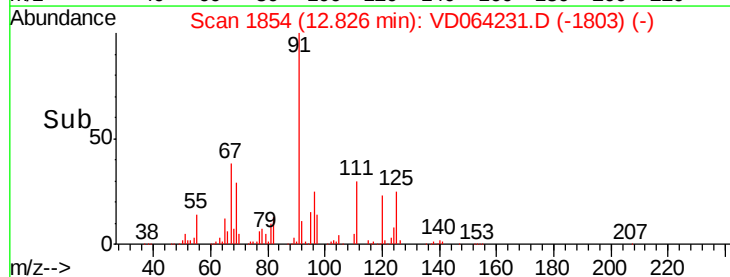
200000

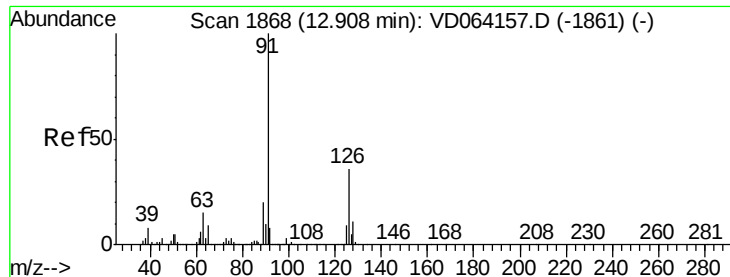
0

12.75 12.80 12.85

12.83

Time-->





#79

2-Chlorotoluene

Concen: 1.936 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

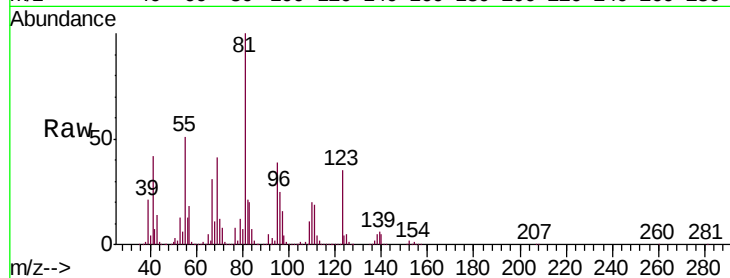
SB-04-7.5-8.0

Tgt Ion: 91 Resp: 72900

Ion Ratio Lower Upper

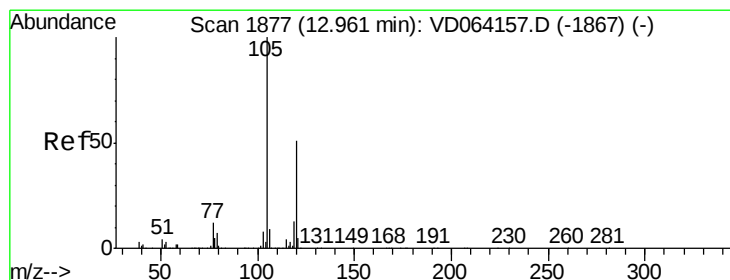
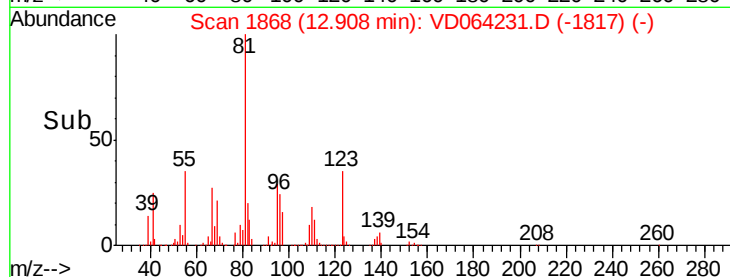
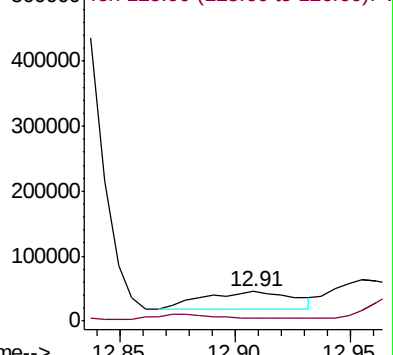
91 100

126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.036 ug/l

RT: 13.13 min Scan# 1905

Delta R.T. 0.16 min

Lab File: VD064231.D

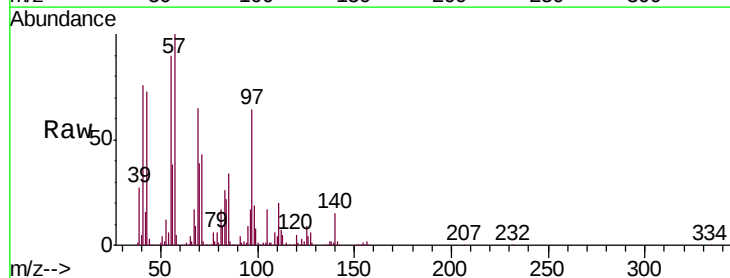
Acq: 15 Nov 2019 17:02

Tgt Ion: 105 Resp: 241519

Ion Ratio Lower Upper

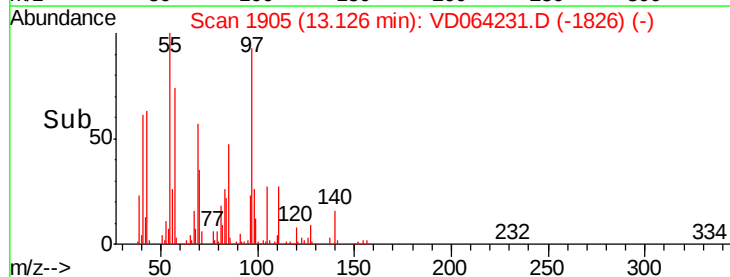
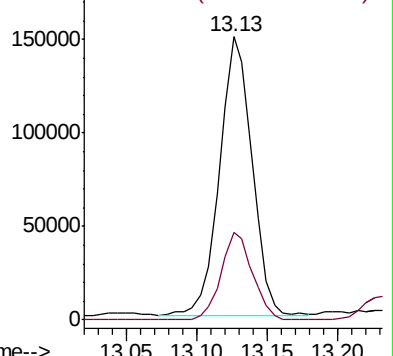
105 100

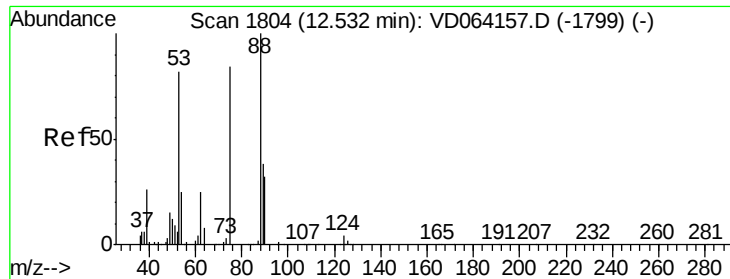
120 30.5 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

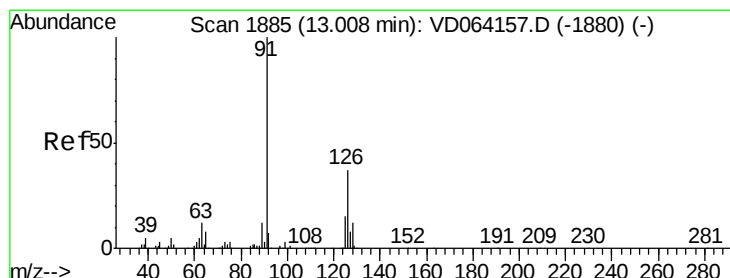
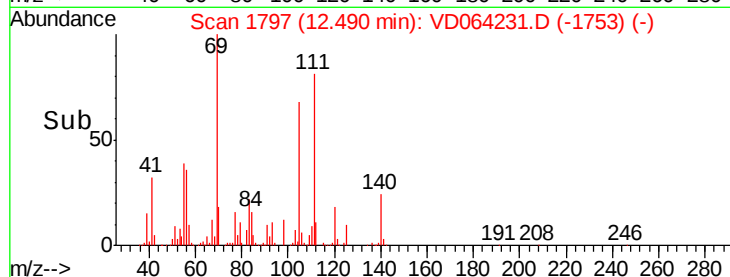
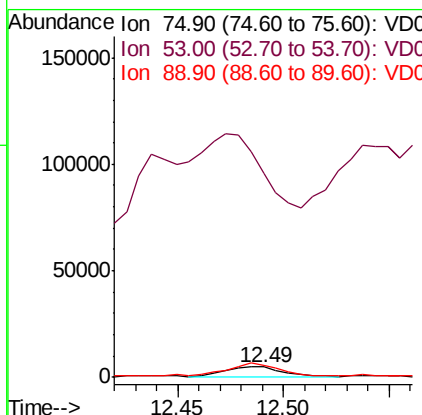
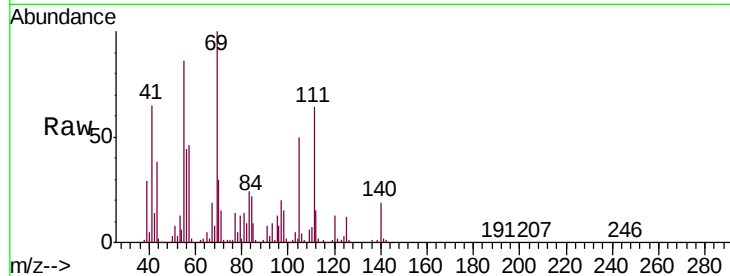




#81
trans-1,4-Dichloro-2-butene
Concen: 2.626 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. -0.04 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

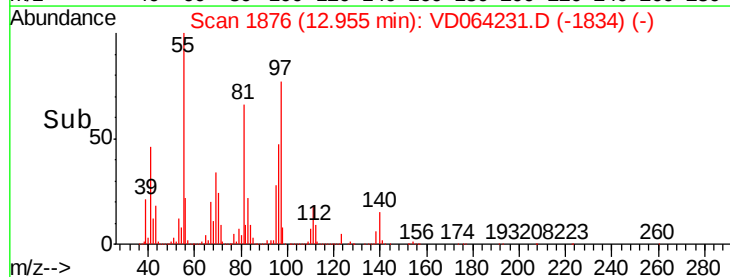
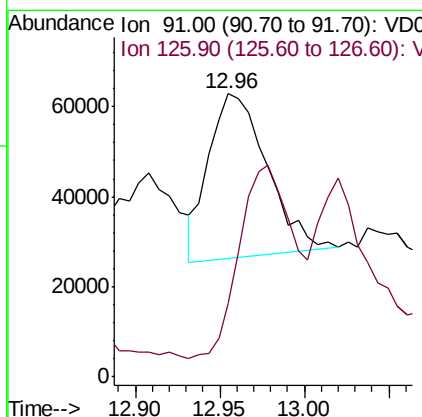
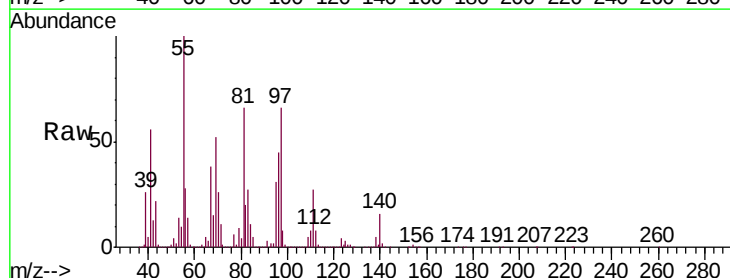
Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

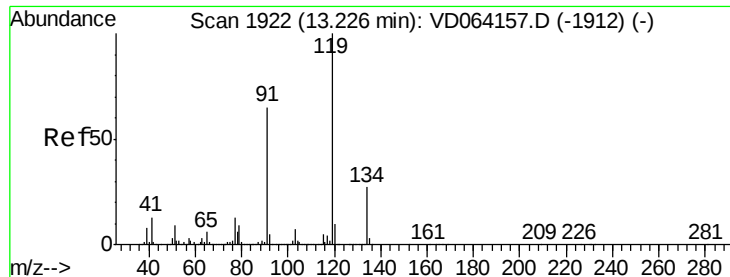
Tgt Ion: 75 Resp: 8468
Ion Ratio Lower Upper
75 100
53 0.0 79.4 119.0#
89 127.4 36.6 55.0#



#82
4-Chlorotoluene
Concen: 2.240 ug/l
RT: 12.96 min Scan# 1876
Delta R.T. -0.05 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion: 91 Resp: 87948
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#

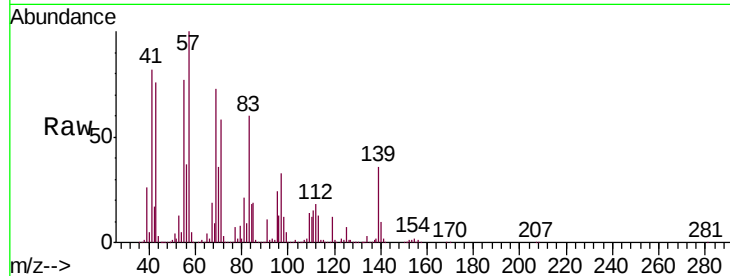




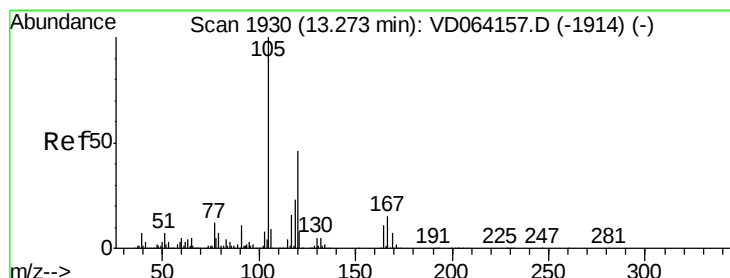
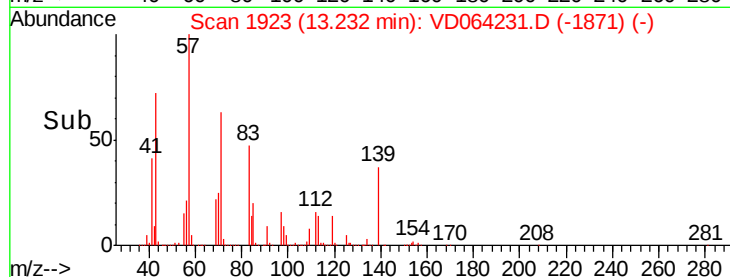
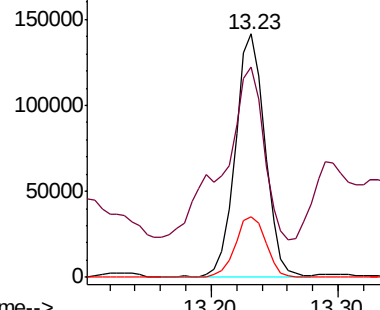
#83
 tert-Butylbenzene
 Concen: 5.441 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

Tgt Ion	Ratio	Lower	Upper
119	100		
91	96.1	31.8	95.4#
134	25.8	13.7	41.0

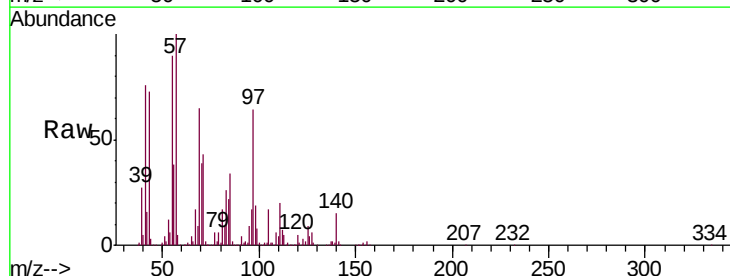


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

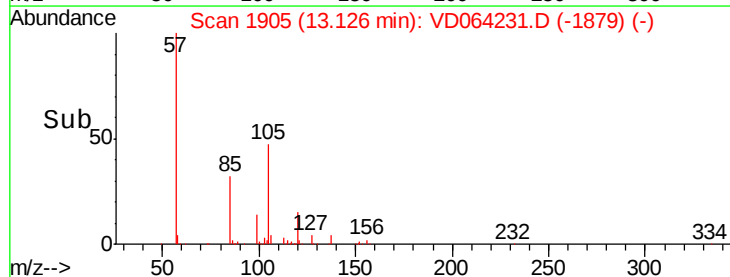
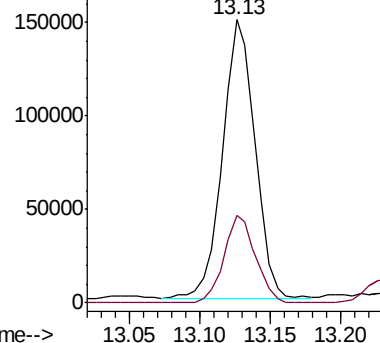


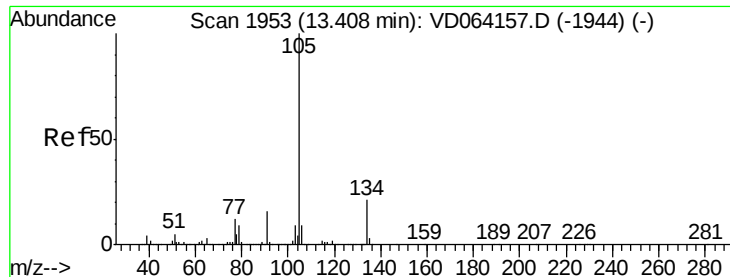
#84
 1,2,4-Trimethylbenzene
 Concen: 5.101 ug/l
 RT: 13.13 min Scan# 1905
 Delta R.T. -0.15 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.5	23.3	69.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.267 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

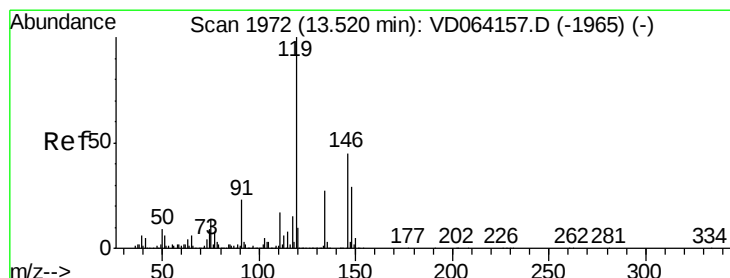
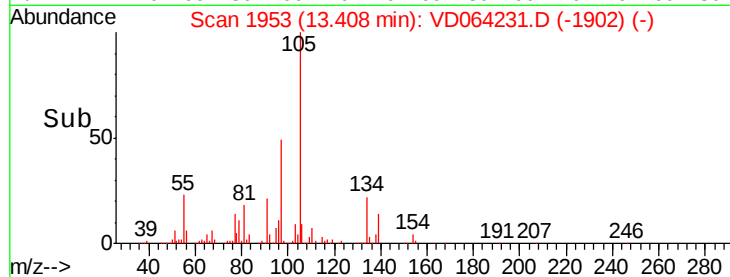
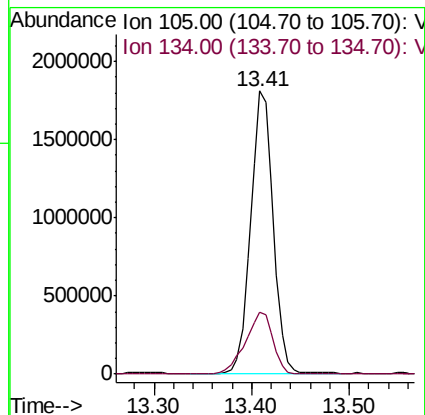
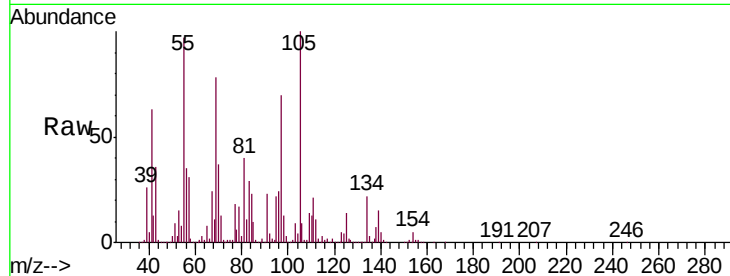
SB-04-7.5-8.0

Tgt Ion:105 Resp: 2911740

Ion Ratio Lower Upper

105 100

134 26.8 10.7 31.9



#86

p-Isopropyltoluene

Concen: 24.965 ug/l

RT: 13.68 min Scan# 2000

Delta R.T. 0.16 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

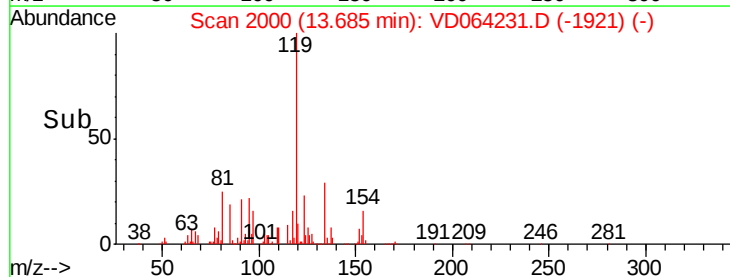
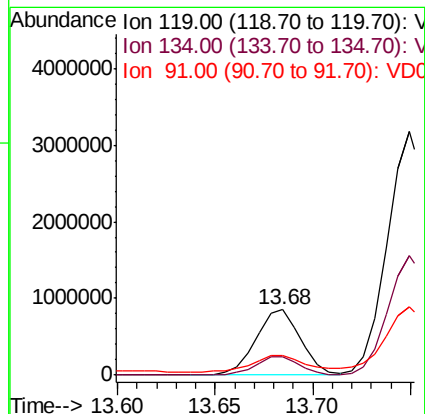
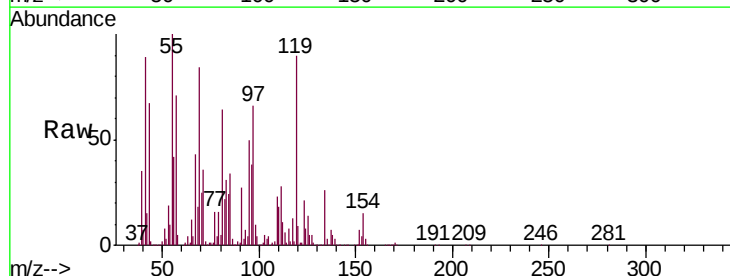
Tgt Ion:119 Resp: 1347982

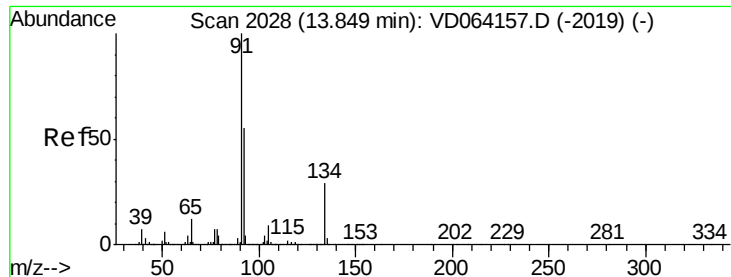
Ion Ratio Lower Upper

119 100

134 28.5 13.5 40.5

91 32.5 11.5 34.4





#89

n-Butylbenzene

Concen: 51.619 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

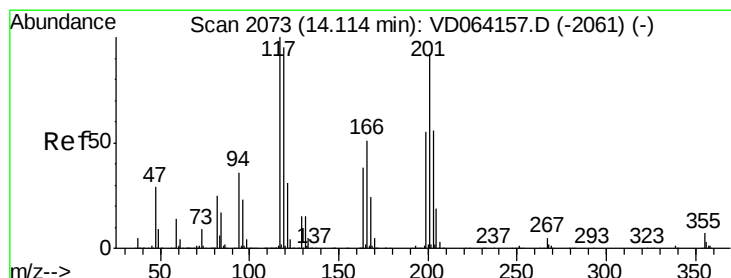
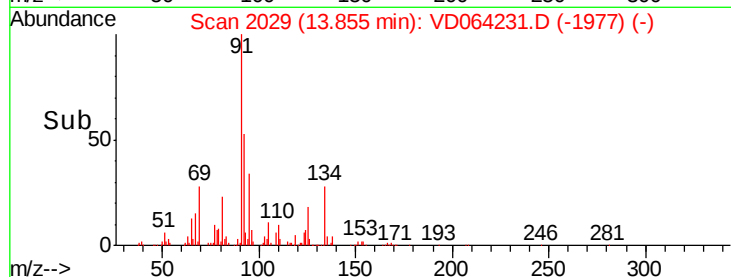
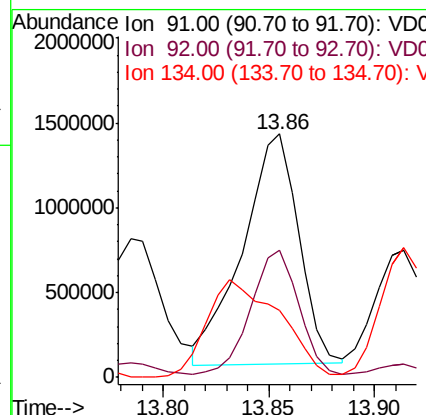
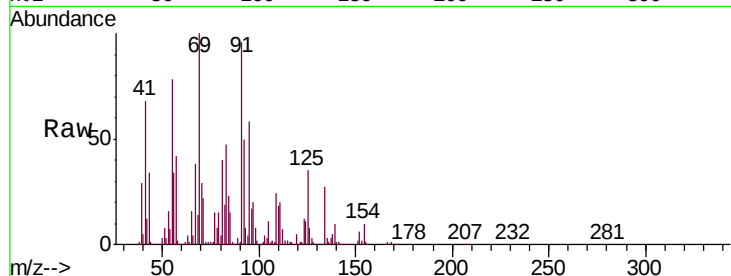
Tgt Ion: 91 Resp: 2518078

Ion Ratio Lower Upper

91 100

92 46.9 27.3 81.8

134 0.0 14.1 42.4#



#90

Hexachloroethane

Concen: 163.427 ug/l

RT: 14.13 min Scan# 2076

Delta R.T. 0.02 min

Lab File: VD064231.D

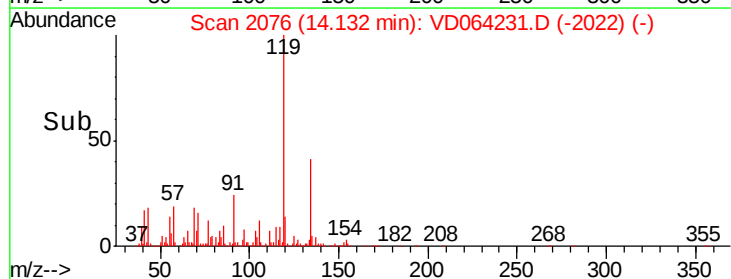
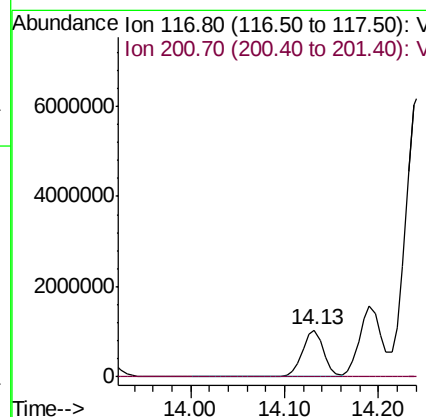
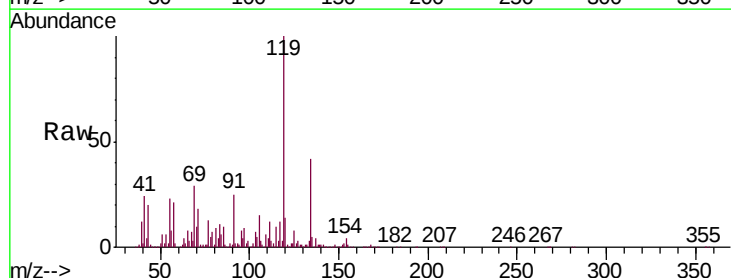
Acq: 15 Nov 2019 17:02

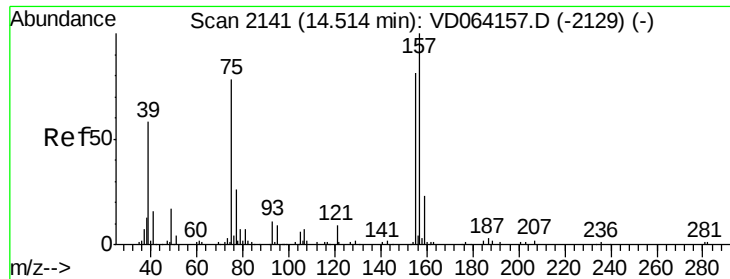
Tgt Ion: 117 Resp: 1630814

Ion Ratio Lower Upper

117 100

201 0.0 45.8 137.4#

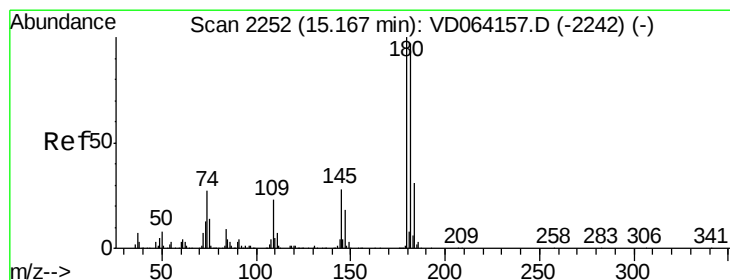
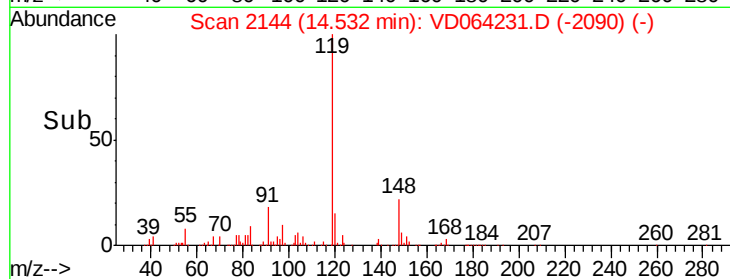
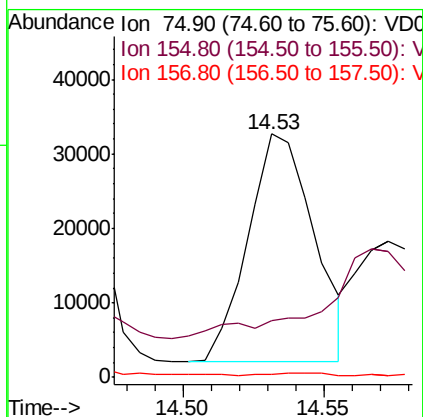
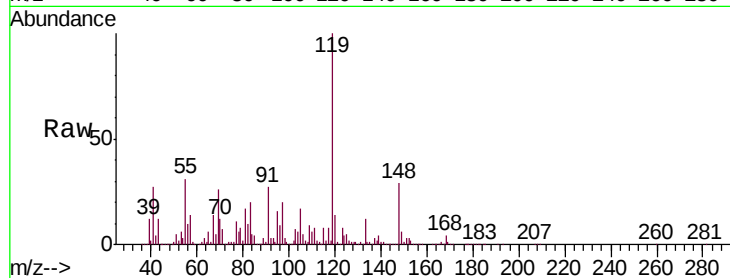




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 31.642 ug/l
 RT: 14.53 min Scan# 2144
 Delta R.T. 0.02 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

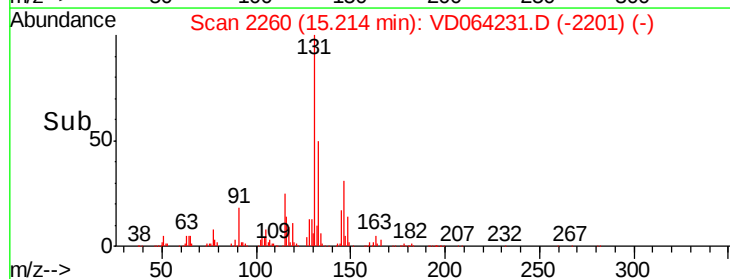
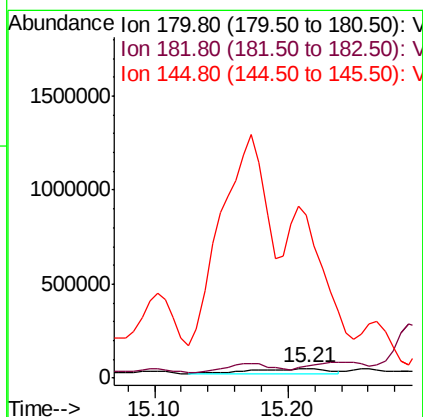
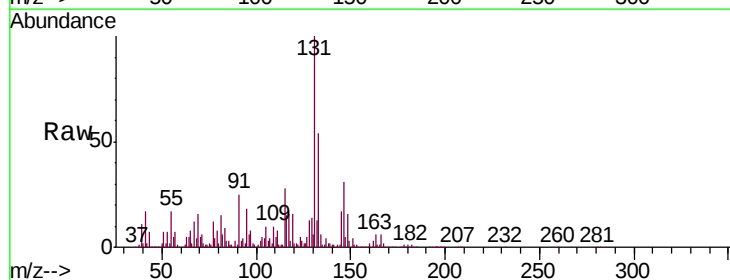
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

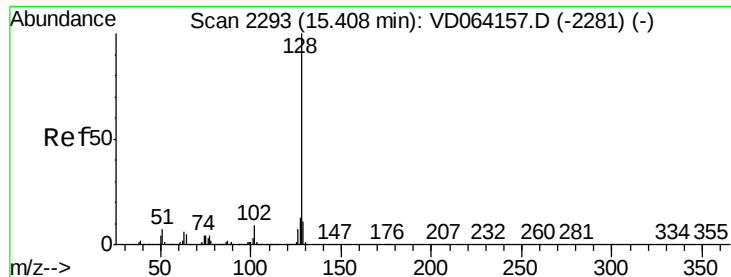
Tgt Ion: 75 Resp: 49752
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.0 144.0#
 157 1.2 61.5 184.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.863 ug/l
 RT: 15.21 min Scan# 2260
 Delta R.T. 0.05 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion: 180 Resp: 100759
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.5 142.5#
 145 1776.7 14.2 42.6#

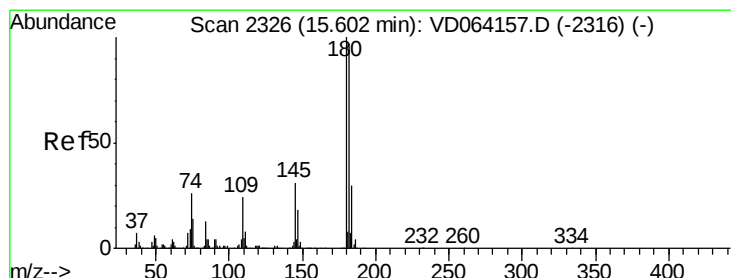
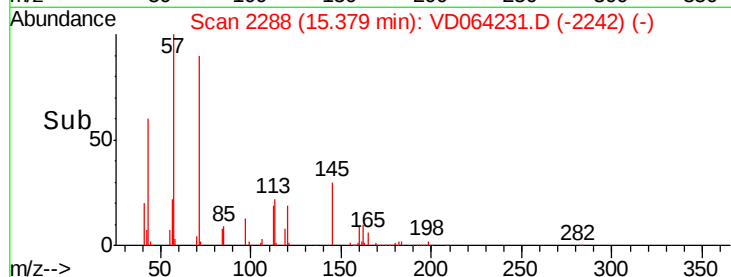
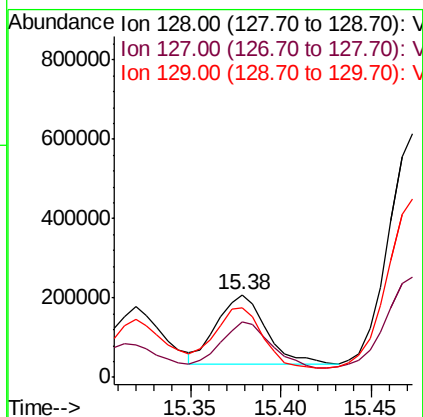
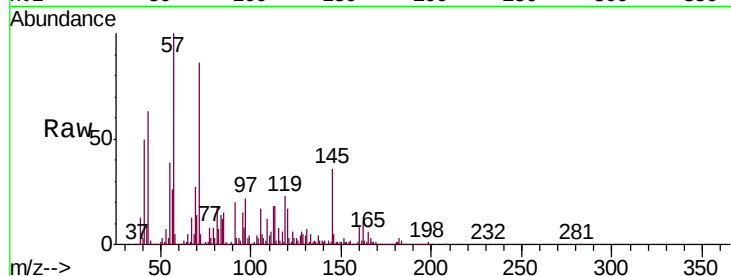




#95
Naphthalene
Concen: 11.763 ug/l
RT: 15.38 min Scan# 2288
Delta R.T. -0.03 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

Tgt Ion:128 Resp: 331377
Ion Ratio Lower Upper
128 100
127 67.4 10.5 15.7#
129 83.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 9.172 ug/l
RT: 15.57 min Scan# 2321
Delta R.T. -0.03 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion:180 Resp: 133980
Ion Ratio Lower Upper
180 100
182 18.0 48.3 144.9#
145 1100.5 15.3 45.8#

