

Data File : VD064229.D
Acq On : 15 Nov 2019 16:04
Operator : VA/SY
Sample : K5858-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-A

Quant Time: Nov 16 04:52:12 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	174832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	227972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	76624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	18628	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	92043	64.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.02%	
35) Dibromofluoromethane	7.91	113	99093	75.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.44%	
50) Toluene-d8	10.34	98	163679	33.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.32%	
62) 4-Bromofluorobenzene	12.64	95	22093	12.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.84%	

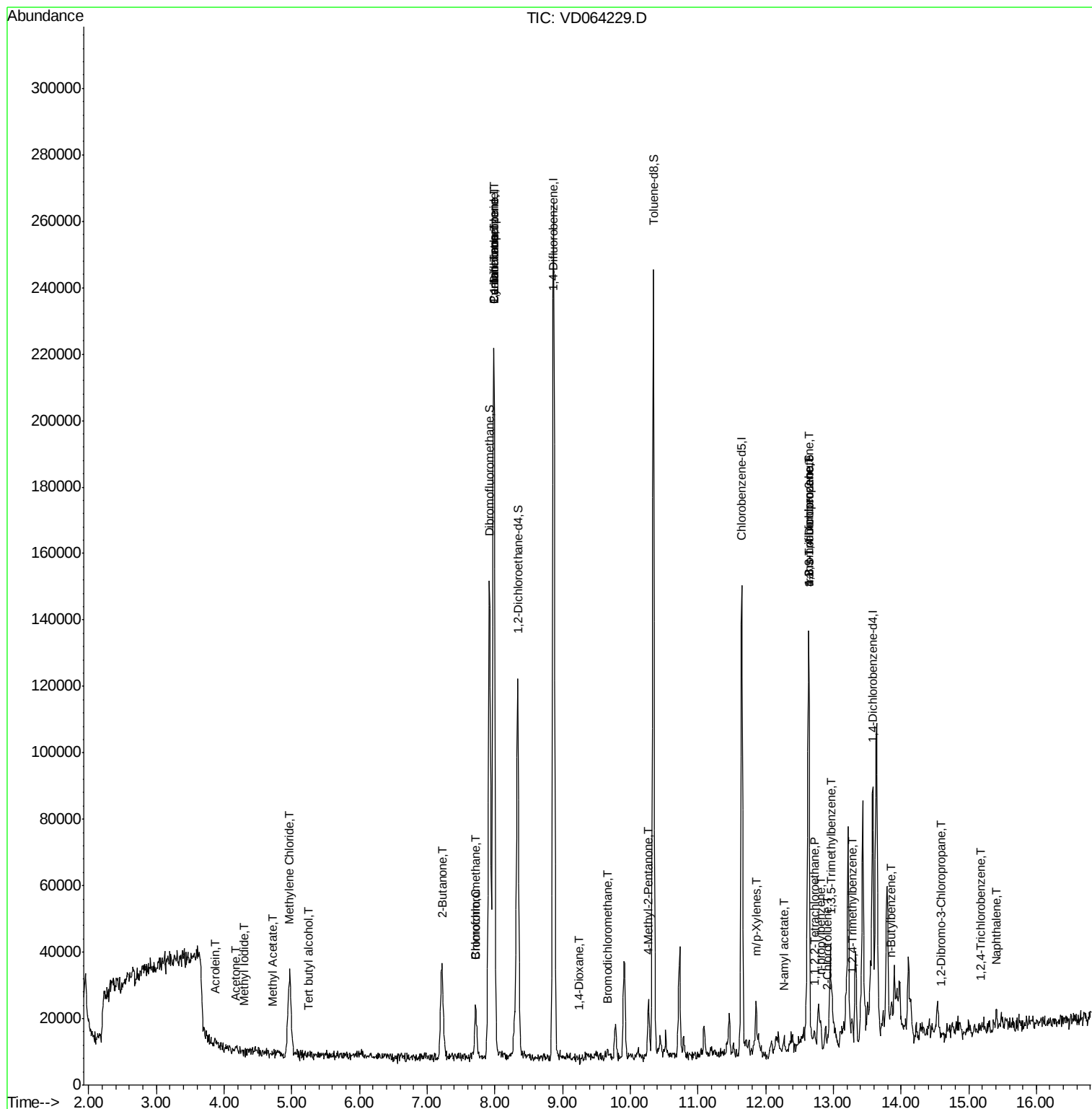
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	71	2.070	ug/l #	41
11) Tert butyl alcohol	5.25	59	229	2.280	ug/l #	1
13) Acrolein	3.87	56	529	6.226	ug/l #	11
16) Acetone	4.17	43	725	2.128	ug/l #	46
18) Methyl Acetate	4.72	43	1458	1.532	ug/l #	53
20) Methylene Chloride	4.96	84	18108	10.524	ug/l	94
25) 2-Butanone	7.23	43	1447	3.288	ug/l #	49
28) Bromochloromethane	7.72	49	1197	1.229	ug/l #	10
30) Chloroform	7.71	83	13048	4.559	ug/l	98
31) Cyclohexane	7.98	56	5037	1.785	ug/l #	48
36) 1,1-Dichloropropene	7.98	75	12975	6.167	ug/l #	50
38) Carbon Tetrachloride	7.98	117	15878	7.053	ug/l #	16
47) Bromodichloromethane	9.67	83	2198	1.089	ug/l #	53
49) 1,4-Dioxane	9.25	88	57	6.334	ug/l #	1
51) 4-Methyl-2-Pentanone	10.28	43	3377	3.853	ug/l #	59
68) m/p-Xylenes	11.86	106	1536	1.422	ug/l	92
74) N-amyl acetate	12.27	43	1074	3.326	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.72	83	281	1.364	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	12068	80.430	ug/l #	100
78) n-propylbenzene	12.82	91	1738	1.113	ug/l	77
79) 2-Chlorotoluene	12.91	91	966	1.095	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	1930	1.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.64	75	12068	159.766	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.27	105	4793	4.321	ug/l	92
89) n-Butylbenzene	13.86	91	1674	1.465	ug/l	81
92) 1,2-Dibromo-3-Chloropropan	14.58	75	59	1.602	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	549	1.364	ug/l #	78
95) Naphthalene	15.41	128	4527	6.859	ug/l #	93

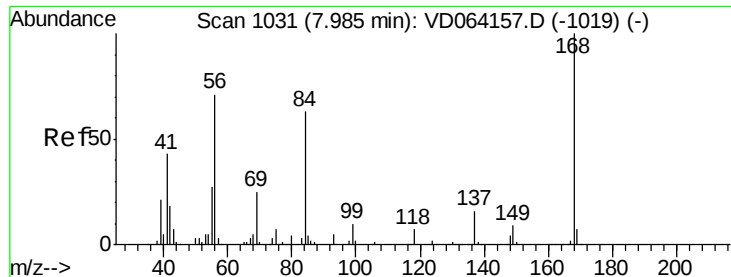
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

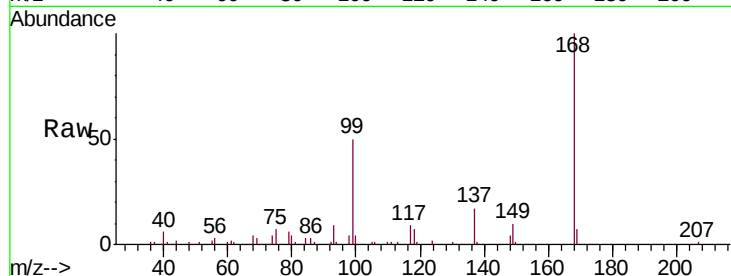
DRUM-A

Tgt Ion:168 Resp: 174832

Ion Ratio Lower Upper

168 100

99 49.8 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

80000

60000

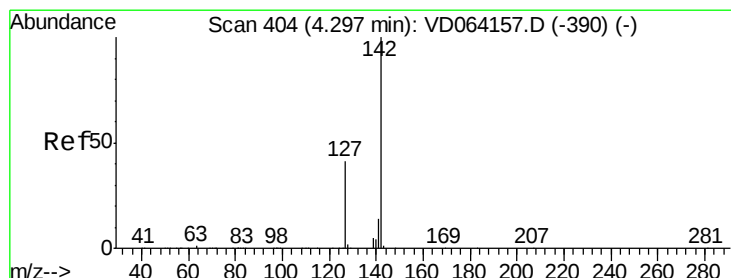
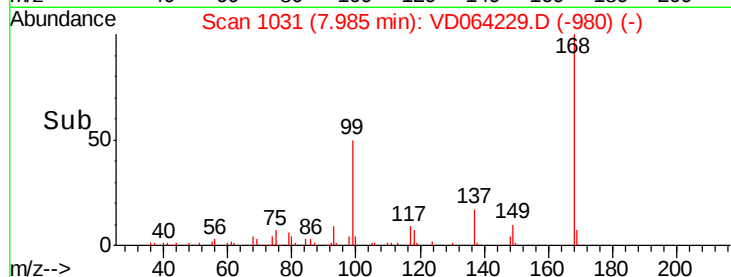
40000

20000

0

7.90 8.00 8.10

Time-->



#10

Methyl Iodide

Concen: 2.070 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

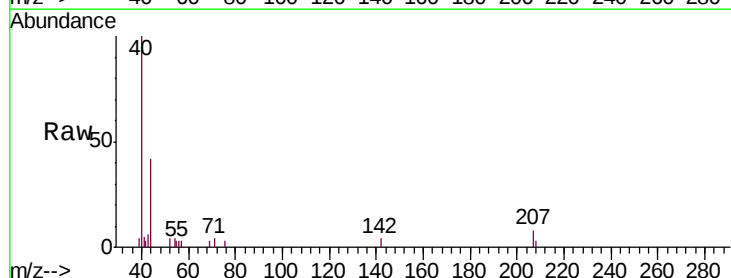
Tgt Ion:142 Resp: 71

Ion Ratio Lower Upper

142 100

127 0.0 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

250

200

150

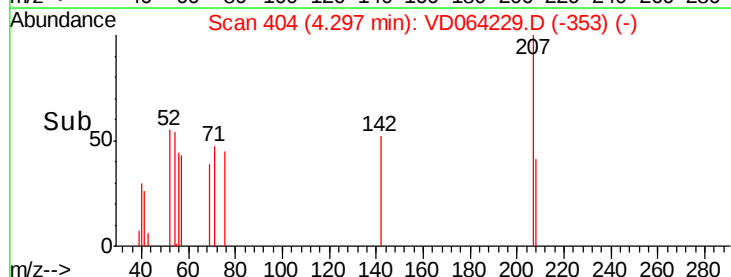
100

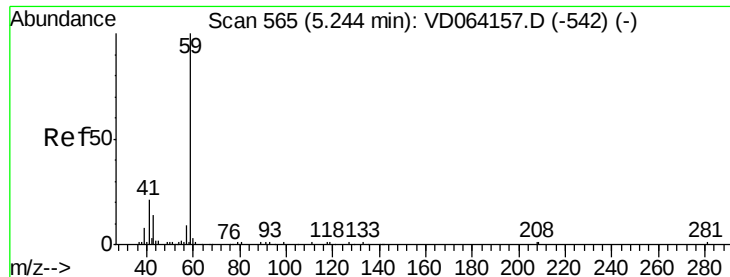
50

0

4.28 4.29 4.30 4.31

Time-->



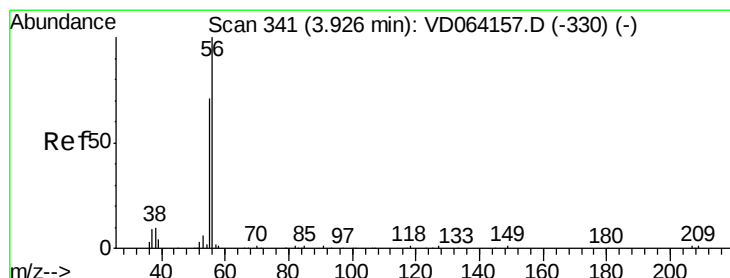
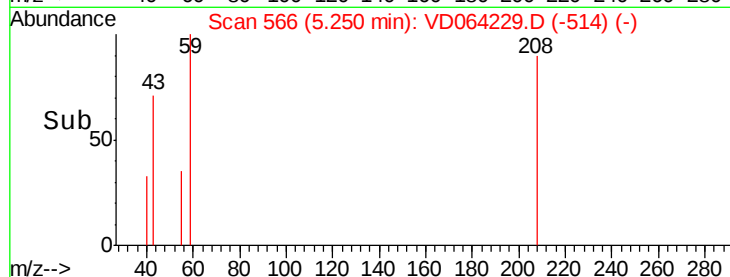
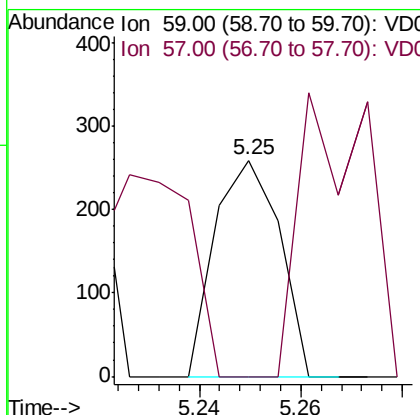
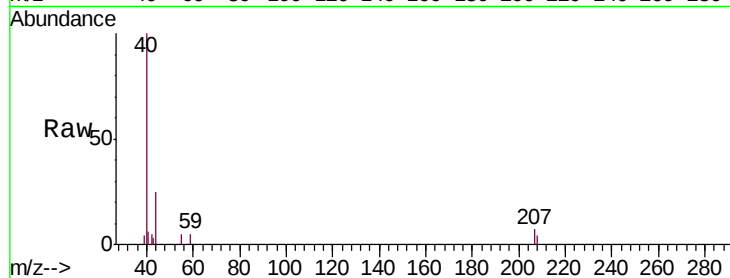


#11

Tert butyl alcohol
 Concen: 2.280 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

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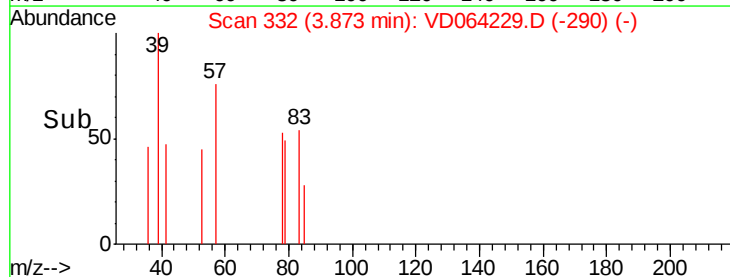
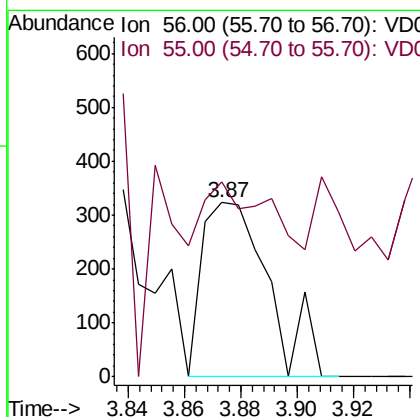
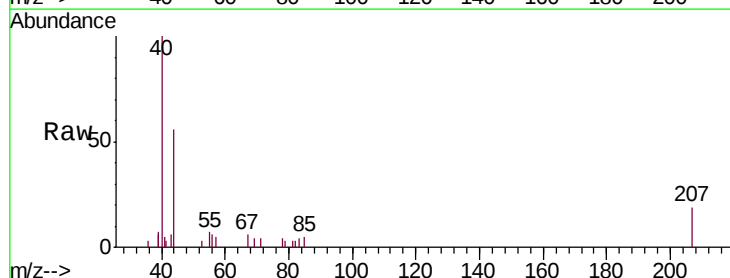
Tgt Ion: 59 Resp: 229
 Ion Ratio Lower Upper
 59 100
 57 162.0 9.4 14.2#

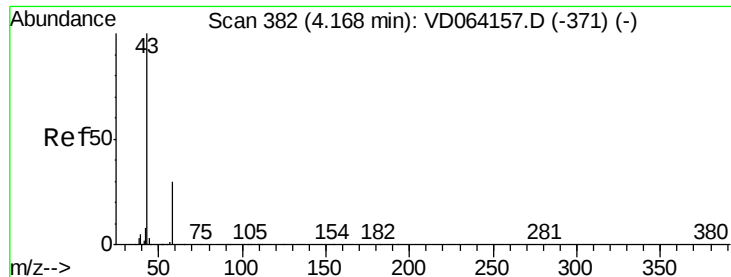


#13

Acrolein
 Concen: 6.226 ug/l
 RT: 3.87 min Scan# 332
 Delta R.T. -0.05 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Tgt Ion: 56 Resp: 529
 Ion Ratio Lower Upper
 56 100
 55 143.1 56.1 84.1#





#16

Acetone

Concen: 2.128 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

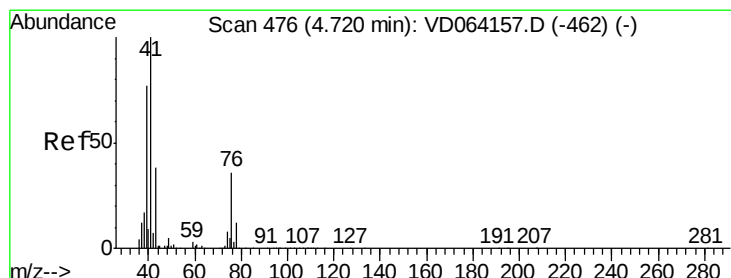
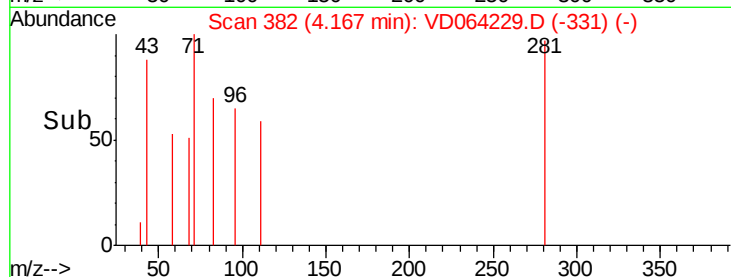
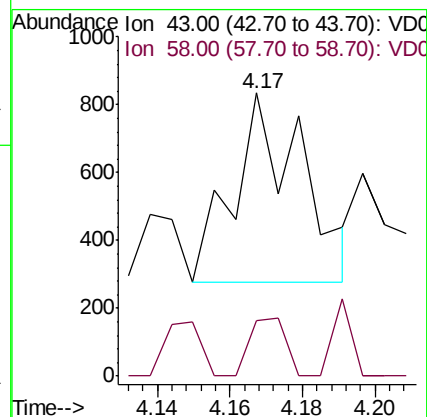
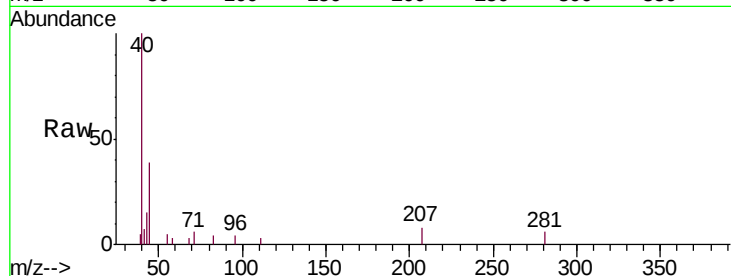
DRUM-A

Tgt Ion: 43 Resp: 725

Ion Ratio Lower Upper

43 100

58 0.7 24.1 36.1#



#18

Methyl Acetate

Concen: 1.532 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD064229.D

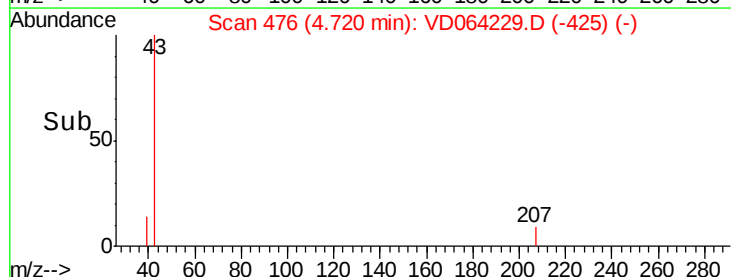
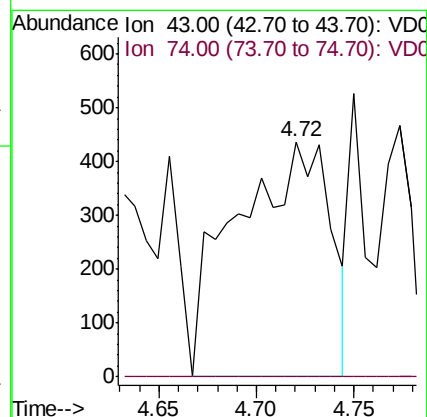
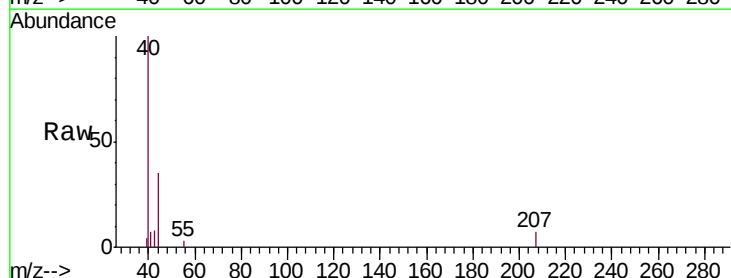
Acq: 15 Nov 2019 16:04

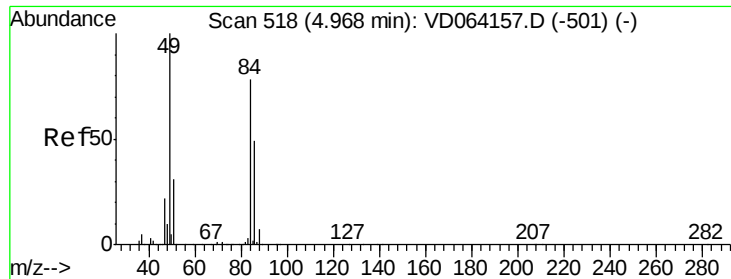
Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

43 100

74 0.0 18.4 27.6#

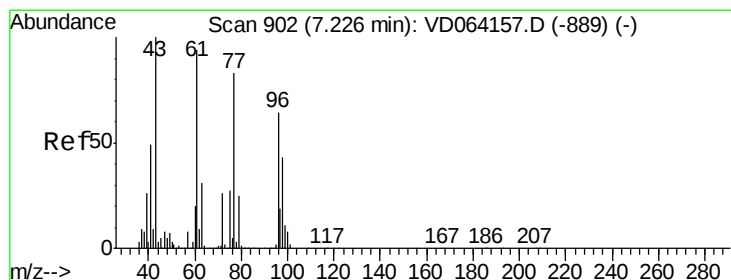
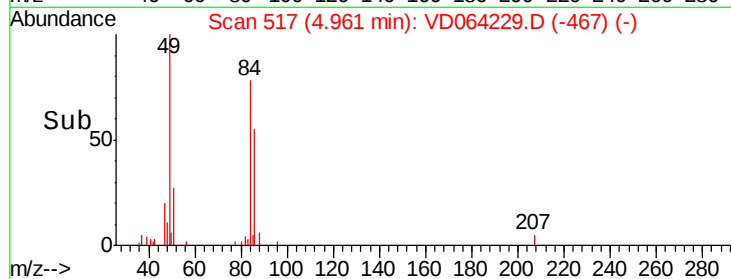
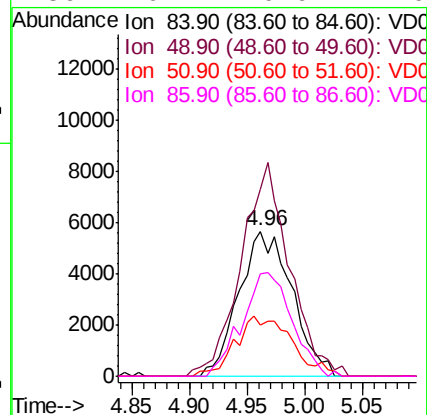
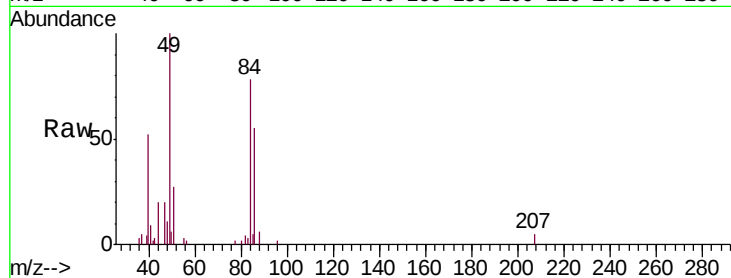




#20
Methylene Chloride
Concen: 10.524 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

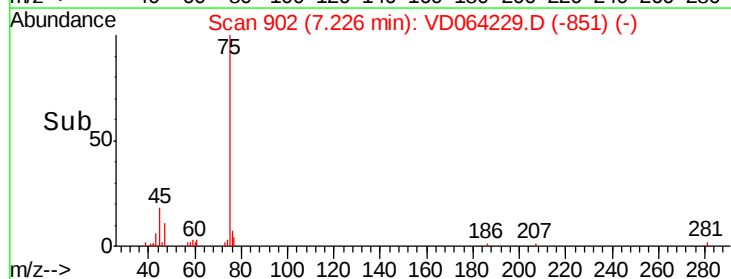
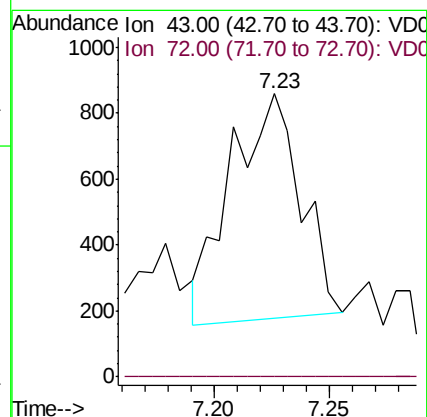
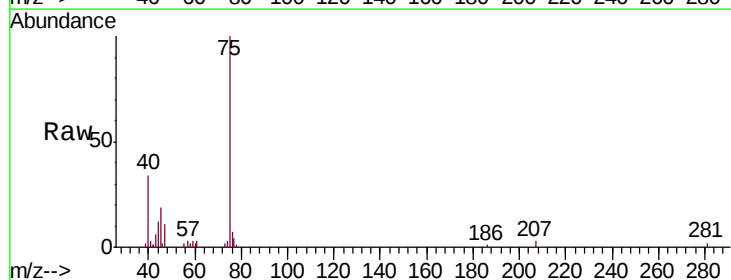
Instrument :
MSVOA_D
ClientSampleId :
DRUM-A

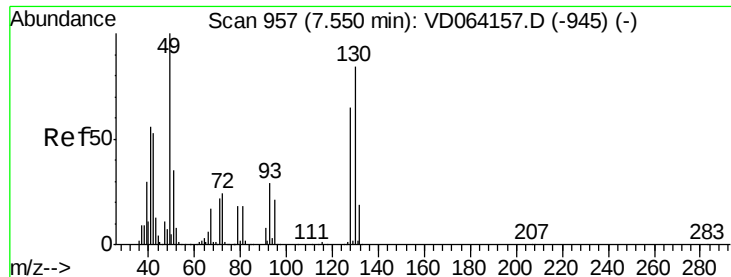
Tgt Ion:	84	Resp:	18108
Ion	Ratio	Lower	Upper
84	100		
49	124.2	102.1	153.1
51	35.0	32.2	48.2
86	70.7	49.9	74.9



#25
2-Butanone
Concen: 3.288 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion:	43	Resp:	1447
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	30.8#

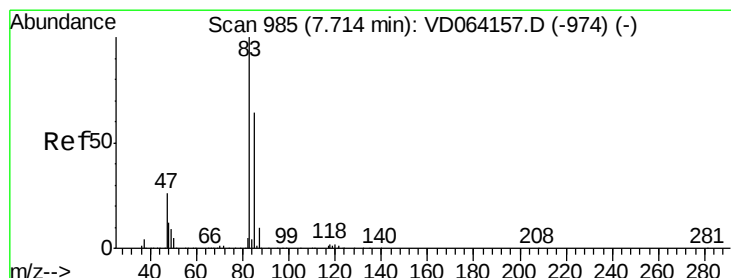
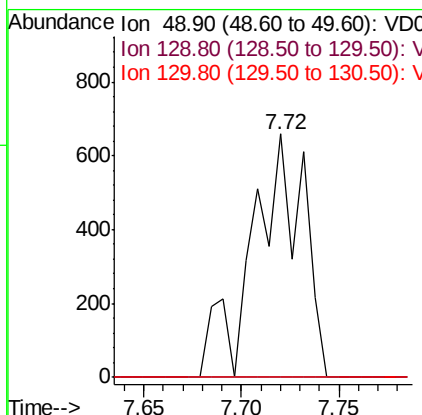
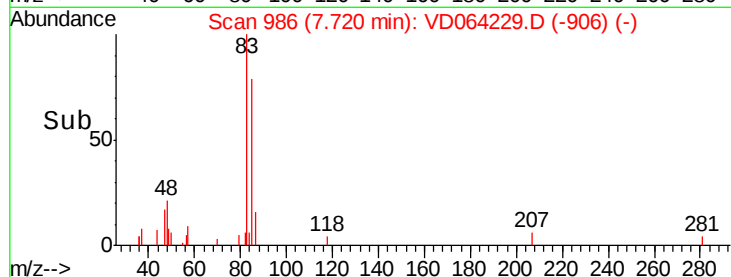
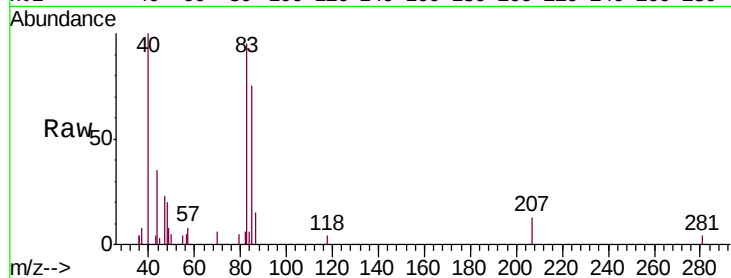




#28
Bromochloromethane
Concen: 1.229 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.17 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

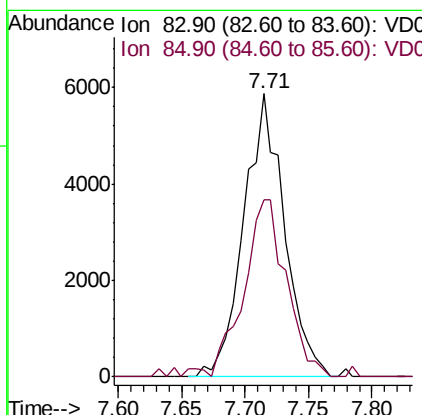
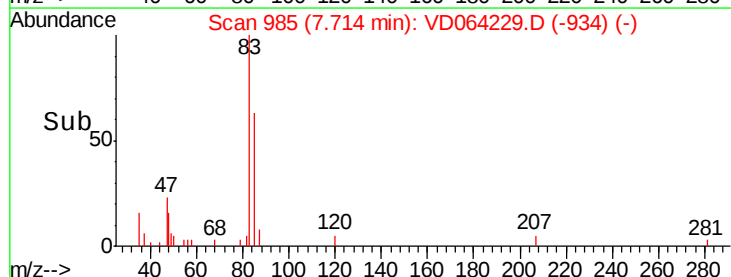
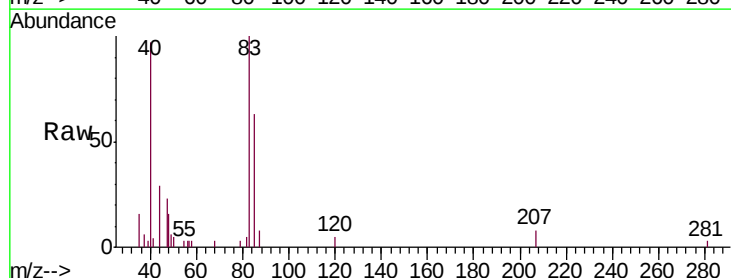
Instrument :
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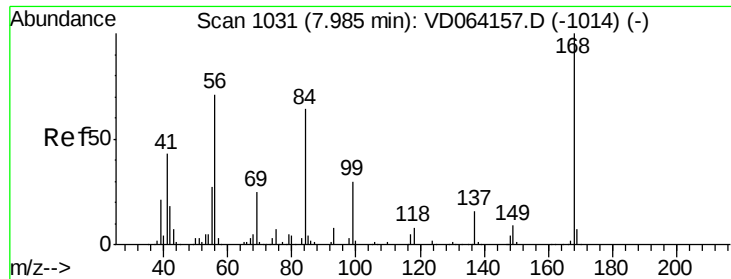
Tgt Ion: 49 Resp: 1197
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 66.8 100.2#



#30
Chloroform
Concen: 4.559 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion: 83 Resp: 13048
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.0

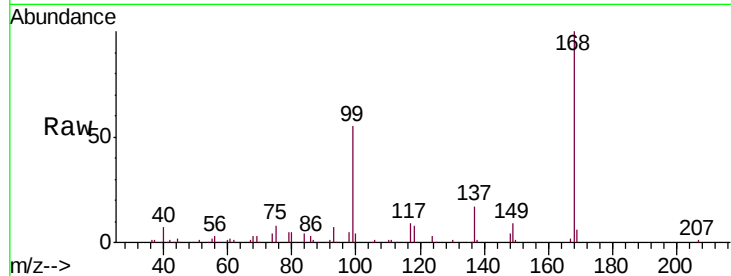




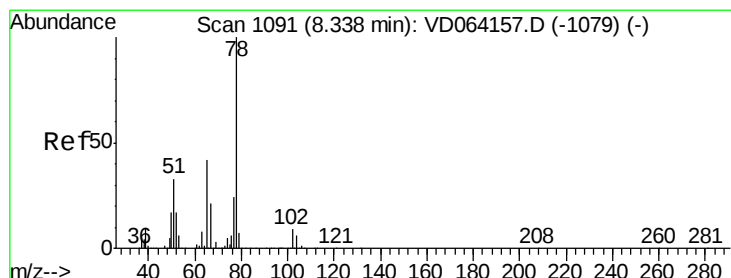
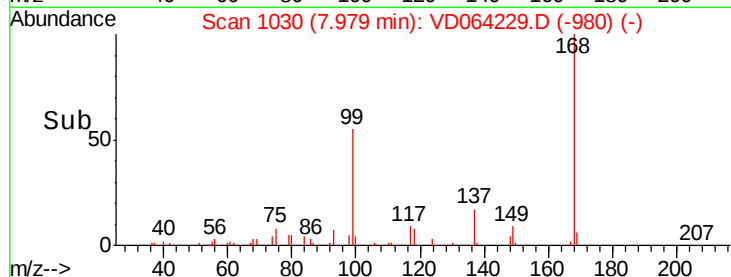
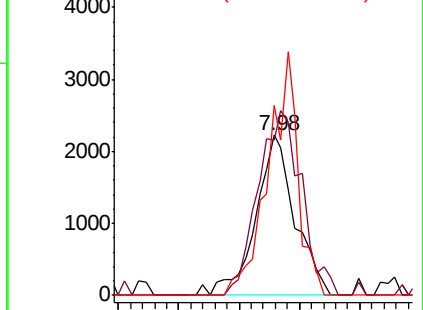
#31
Cyclohexane
Concen: 1.785 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Instrument :
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Tgt Ion: 56 Resp: 5037
Ion Ratio Lower Upper
56 100
69 97.2 28.2 42.4#
84 118.8 71.8 107.6#

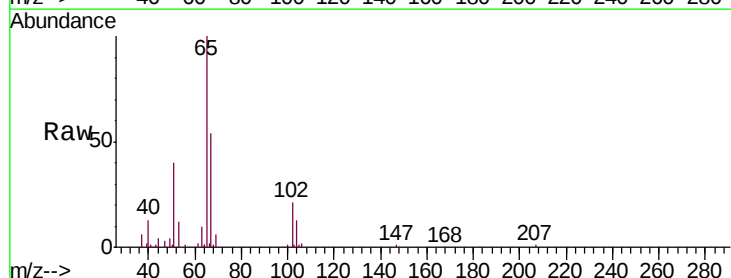


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

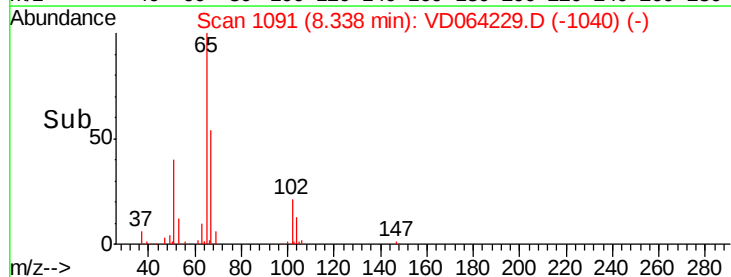
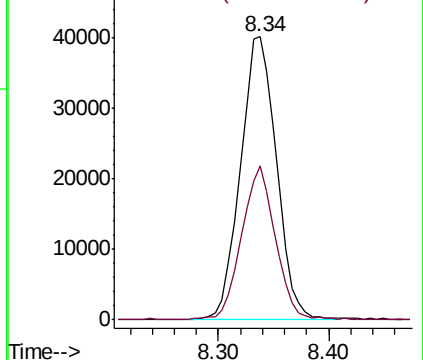


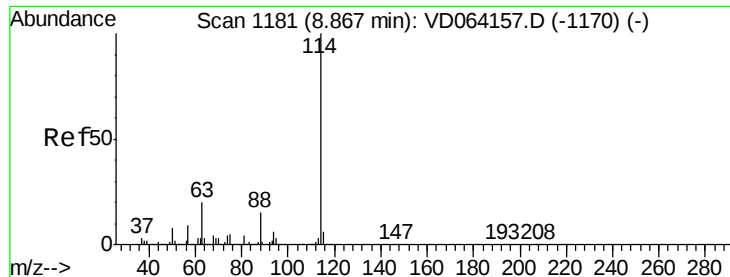
#33
1,2-Dichloroethane-d4
Concen: 64.013 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion: 65 Resp: 92043
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

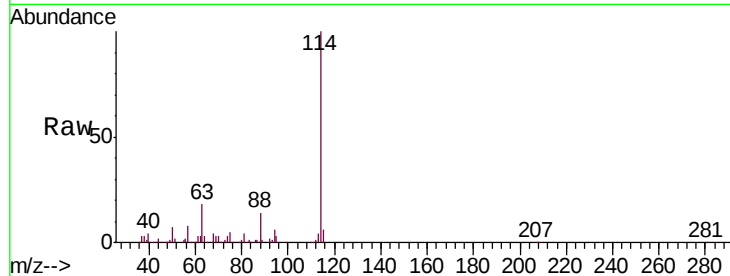




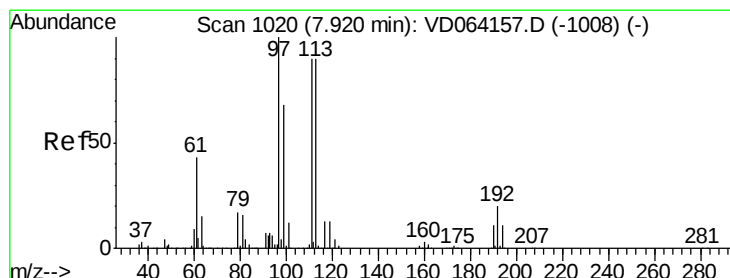
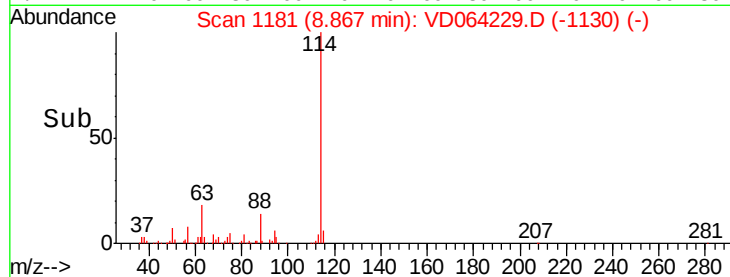
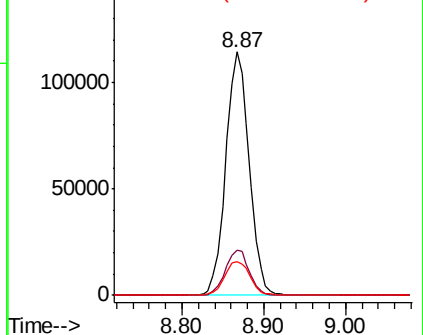
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-A

Tgt Ion:114 Resp: 227972
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 14.0 0.0 30.2

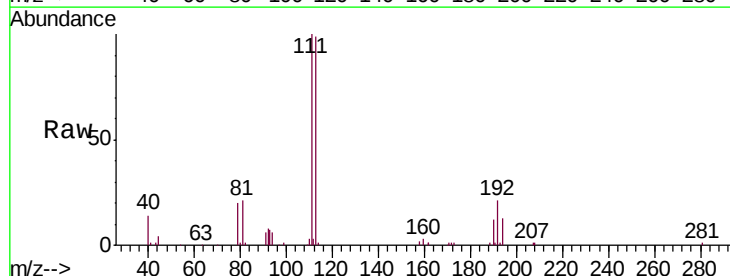


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

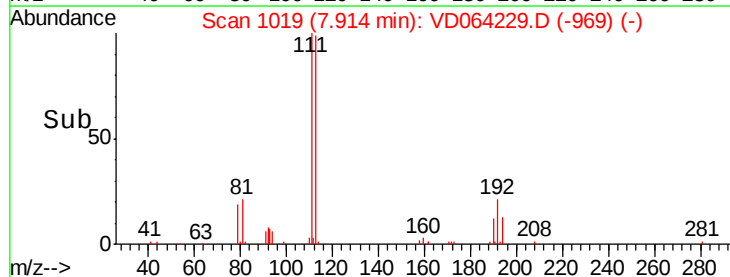
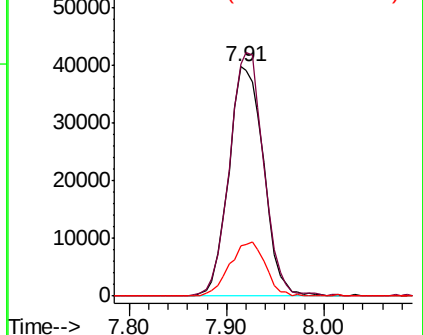


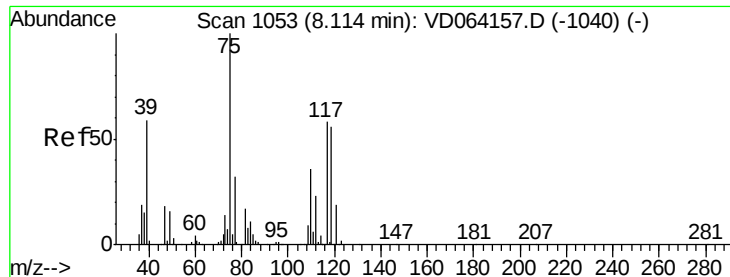
#35
 Dibromofluoromethane
 Concen: 75.725 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Tgt Ion:113 Resp: 99093
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.5 122.3
 192 24.1 18.8 28.2



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





#36

1,1-Dichloropropene

Concen: 6.167 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

DRUM-A

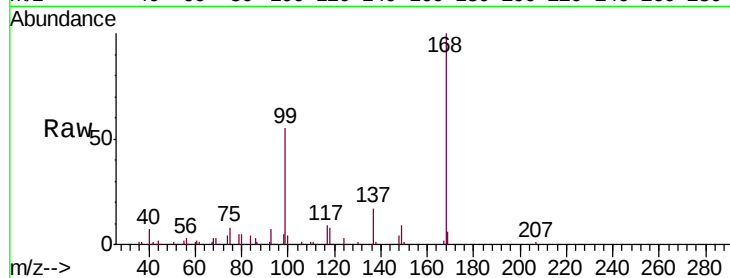
Tgt Ion: 75 Resp: 12975

Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.9#

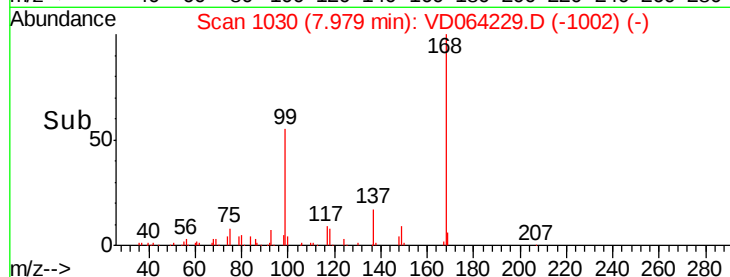
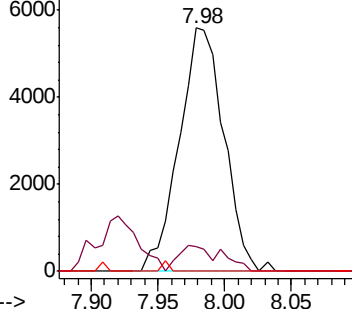
77 0.0 25.0 37.6#



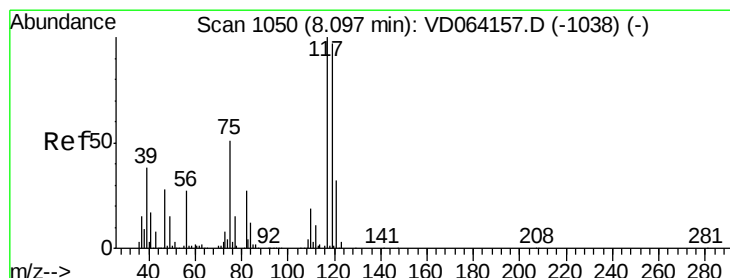
Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



Time-->



#38

Carbon Tetrachloride

Concen: 7.053 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

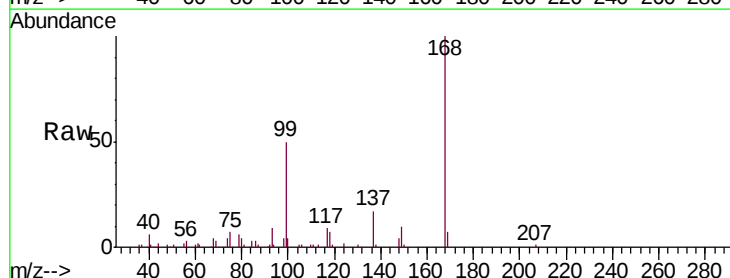
Tgt Ion: 117 Resp: 15878

Ion Ratio Lower Upper

117 100

119 6.1 77.2 115.8#

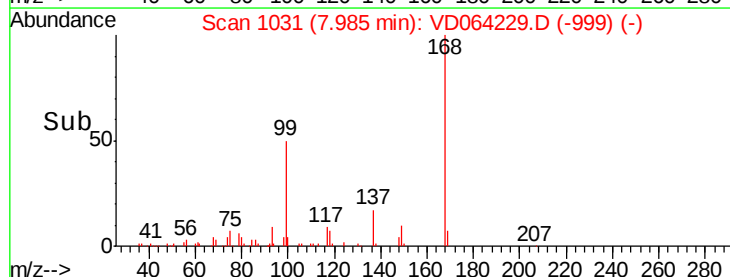
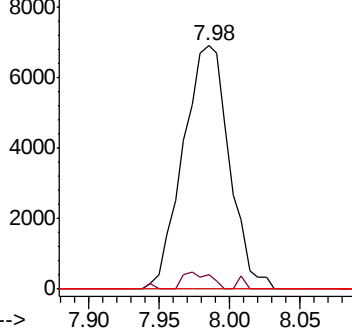
121 0.0 25.5 38.3#



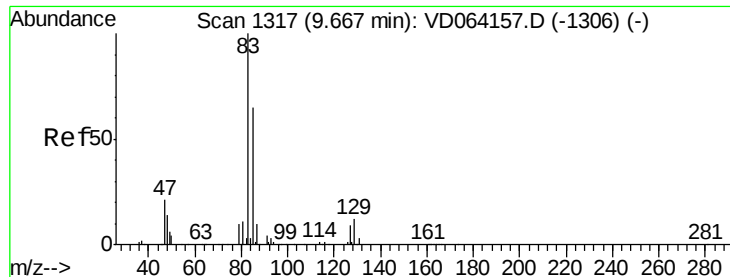
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#47

Bromodichloromethane

Concen: 1.089 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

DRUM-A

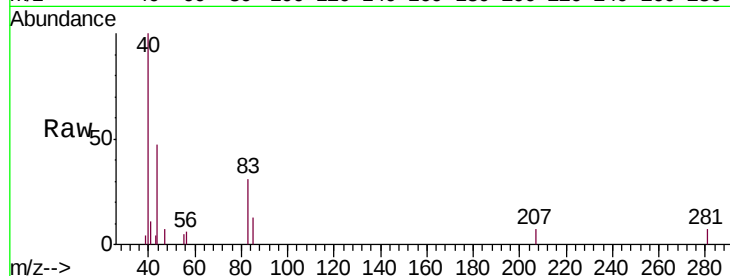
Tgt Ion: 83 Resp: 2198

Ion Ratio Lower Upper

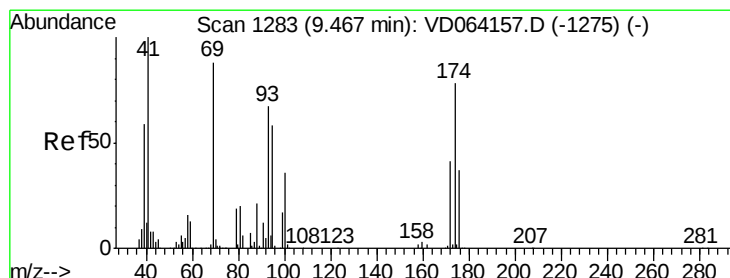
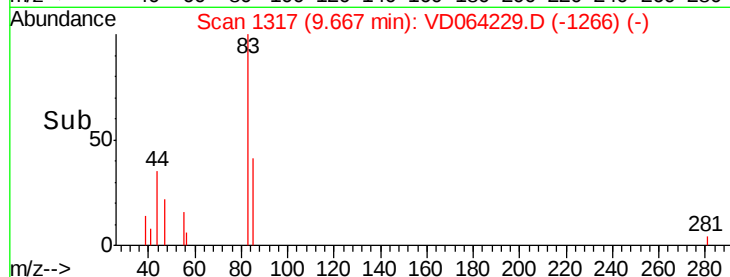
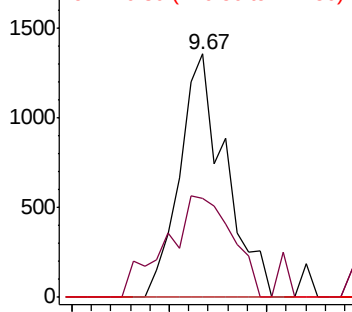
83 100

85 25.6 52.2 78.4#

127 0.0 7.5 11.3#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#49

1,4-Dioxane

Concen: 6.334 ug/l

RT: 9.25 min Scan# 1246

Delta R.T. -0.22 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

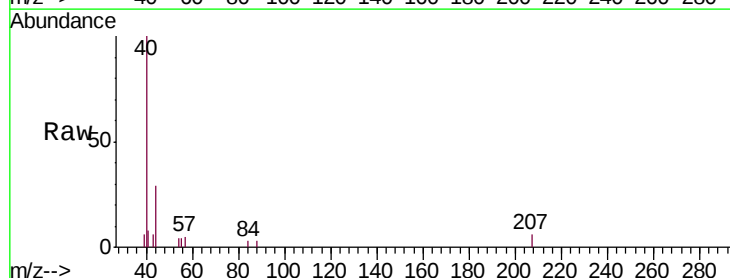
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

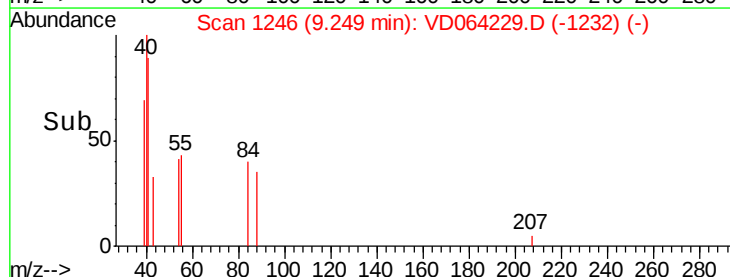
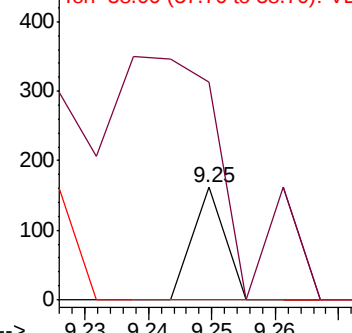
88 100

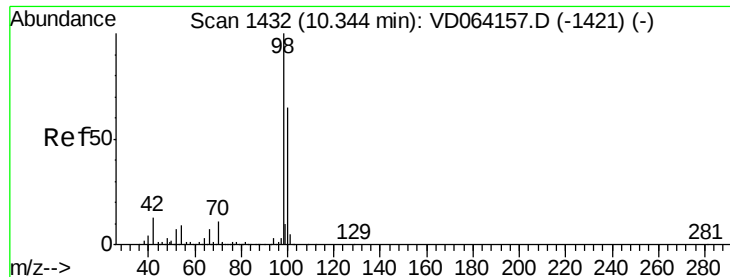
43 1036.8 29.8 44.8#

58 0.0 58.1 87.1#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#50

Toluene-d8

Concen: 33.156 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

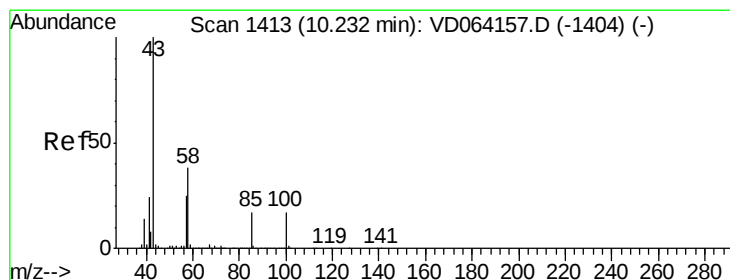
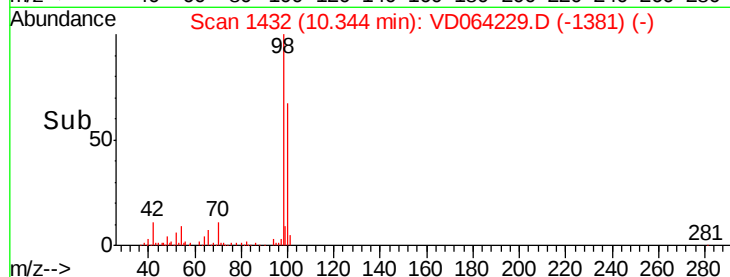
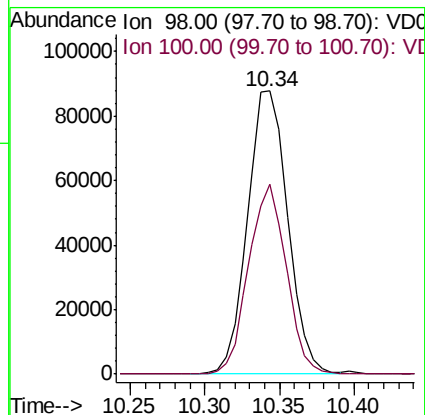
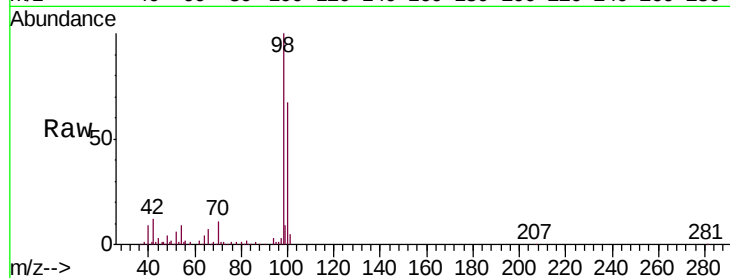
DRUM-A

Tgt Ion: 98 Resp: 163679

Ion Ratio Lower Upper

98 100

100 62.9 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 3.853 ug/l

RT: 10.28 min Scan# 1421

Delta R.T. 0.05 min

Lab File: VD064229.D

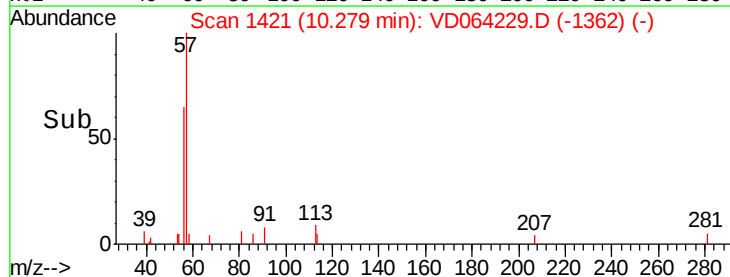
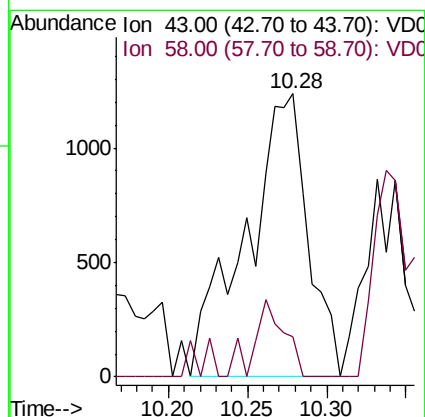
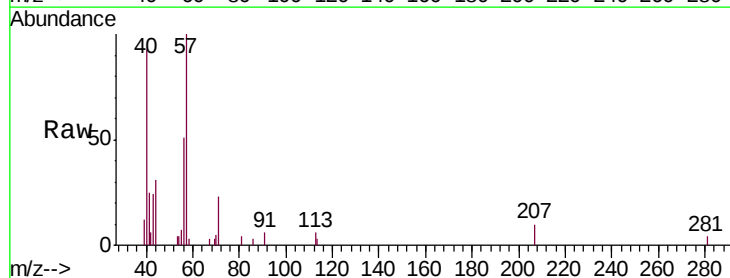
Acq: 15 Nov 2019 16:04

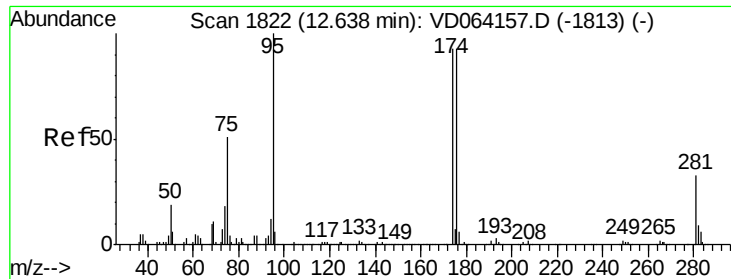
Tgt Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

58 13.2 30.2 45.4#

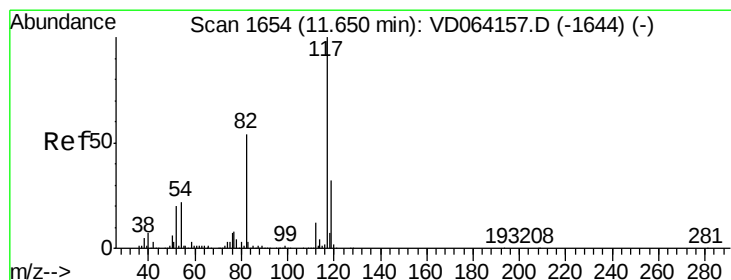
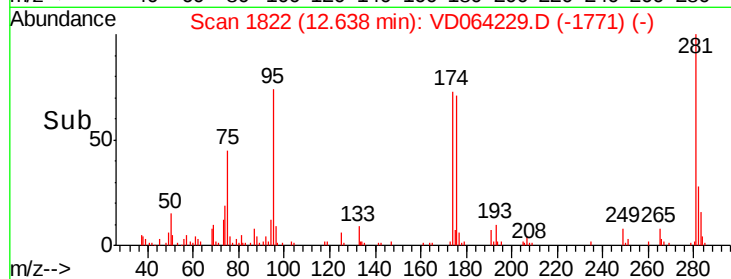
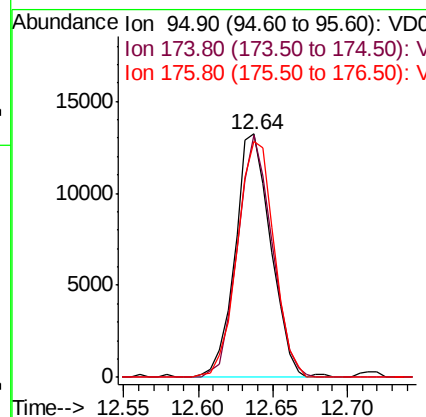
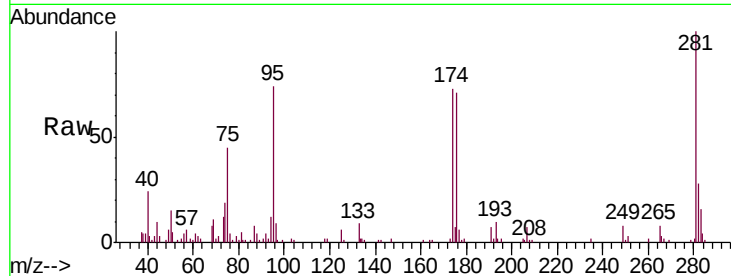




#62
4-Bromofluorobenzene
Concen: 12.923 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

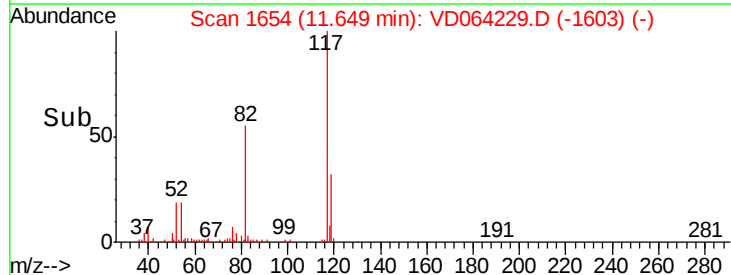
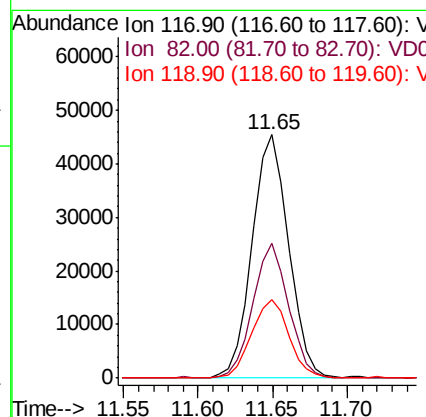
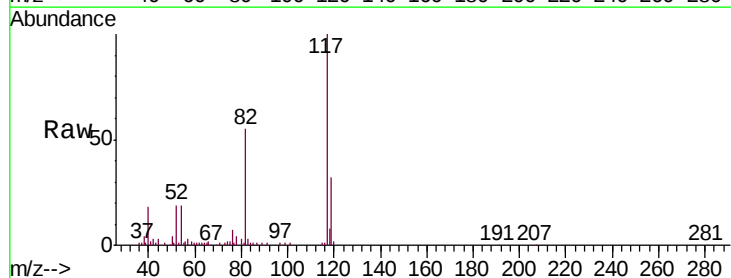
Instrument :
MSVOA_D
ClientSampleId :
DRUM-A

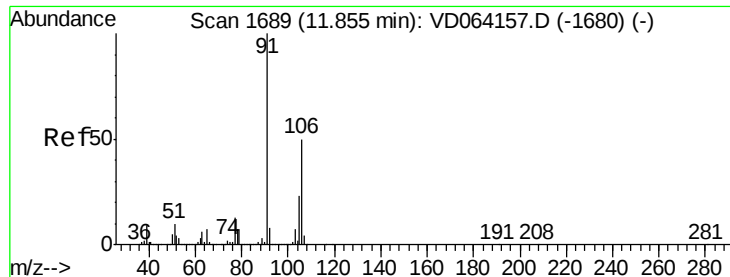
Tgt Ion: 95 Resp: 22093
Ion Ratio Lower Upper
95 100
174 95.8 0.0 183.6
176 99.4 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion: 117 Resp: 76624
Ion Ratio Lower Upper
117 100
82 55.5 42.8 64.2
119 32.1 25.6 38.4

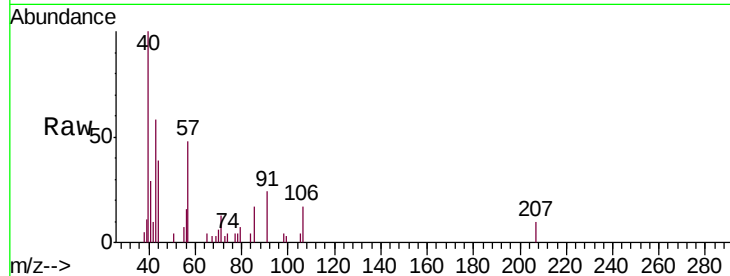




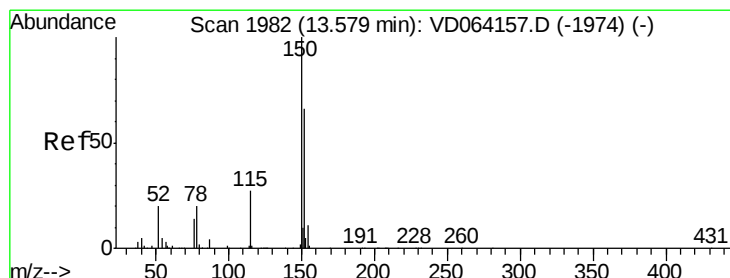
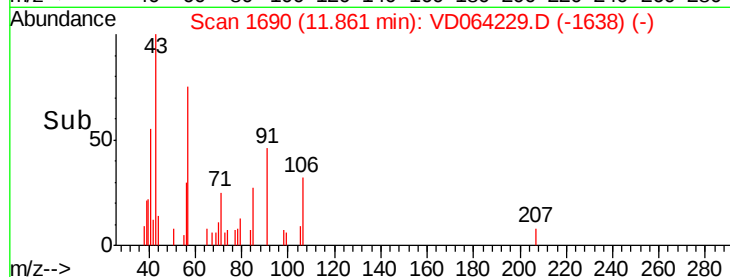
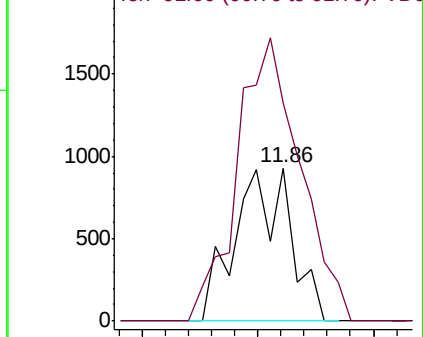
#68
m/p-Xylenes
Concen: 1.422 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Instrument :
MSVOA_D
ClientSampleId :
DRUM-A

Tgt Ion:106 Resp: 1536
Ion Ratio Lower Upper
106 100
91 212.6 160.3 240.5

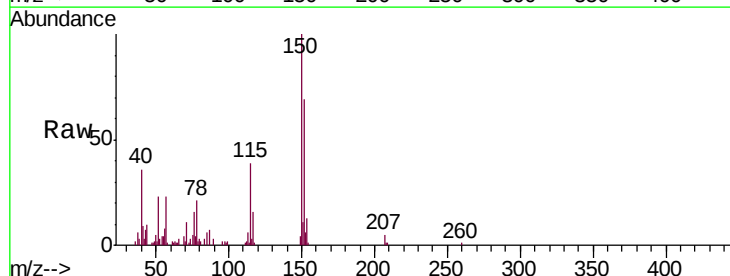


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

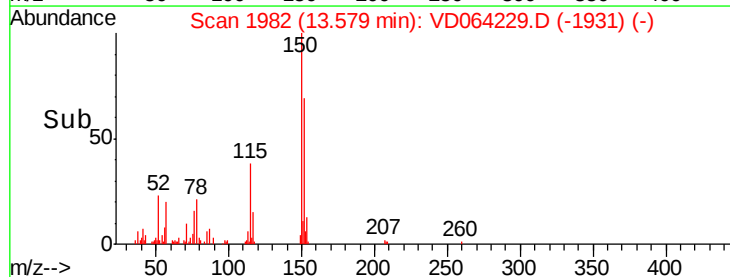
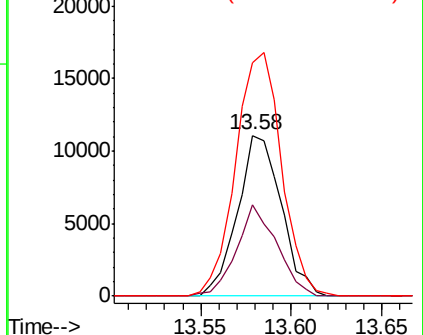


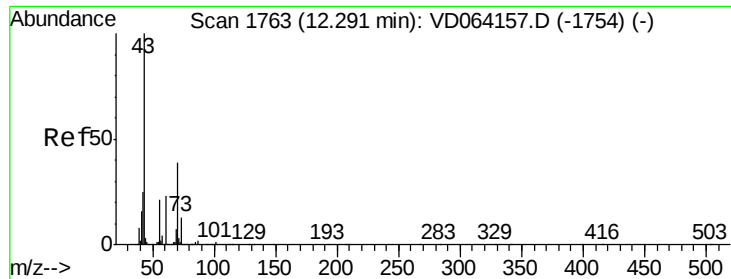
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064229.D
Acq: 15 Nov 2019 16:04

Tgt Ion:152 Resp: 18628
Ion Ratio Lower Upper
152 100
115 52.2 27.4 82.2
150 158.6 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





#74

N-ethyl acetate

Concen: 3.326 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

DRUM-A

Tgt Ion: 43 Resp: 1074

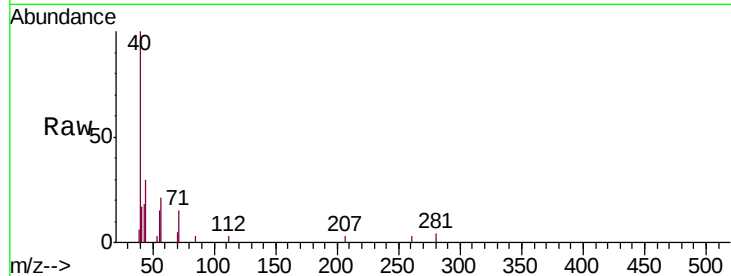
Ion Ratio Lower Upper

43 100

70 47.5 32.4 48.6

55 0.0 17.9 26.9#

61 0.0 19.0 28.4#

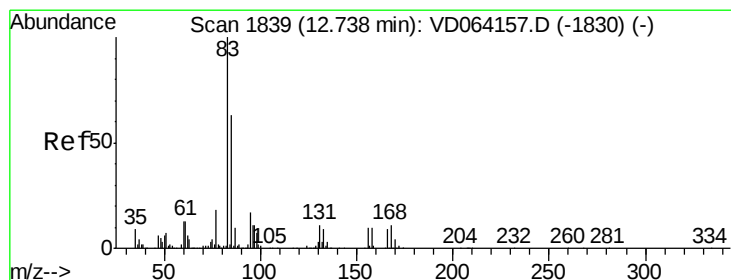
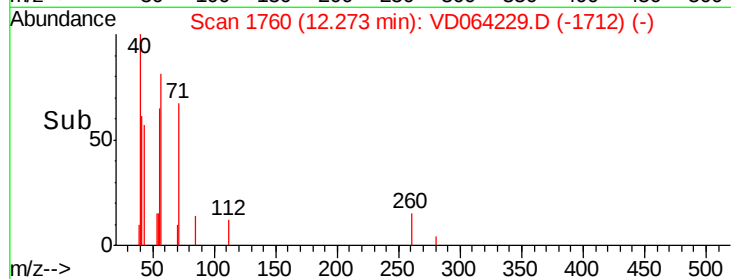
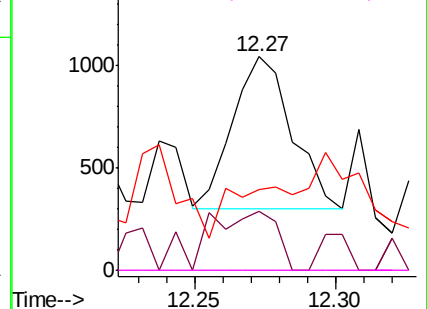


Abundance Ion 43.00 (42.70 to 43.70): VDC

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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.364 ug/l

RT: 12.72 min Scan# 1836

Delta R.T. -0.02 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

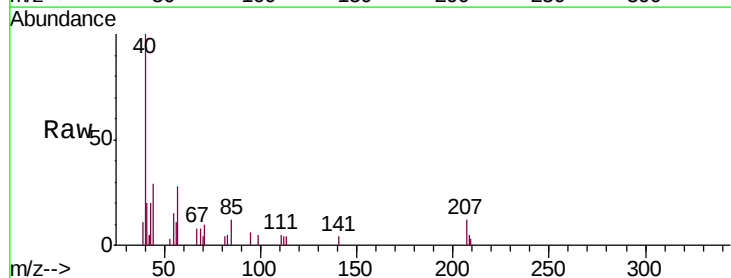
Tgt Ion: 83 Resp: 281

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

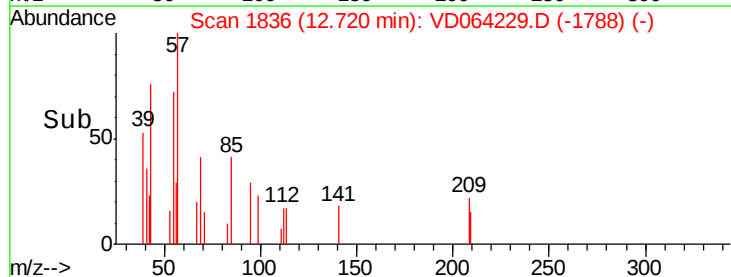
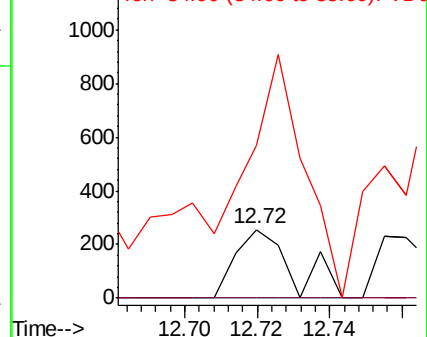
85 498.9 32.5 97.5#

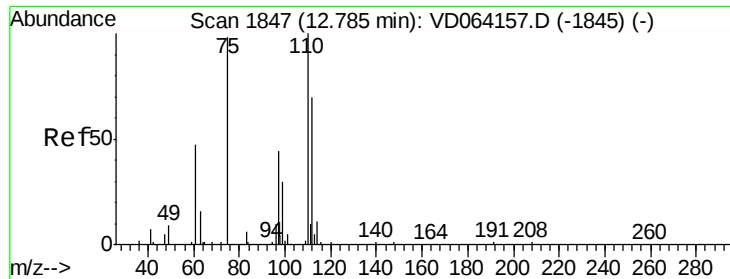


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VDC

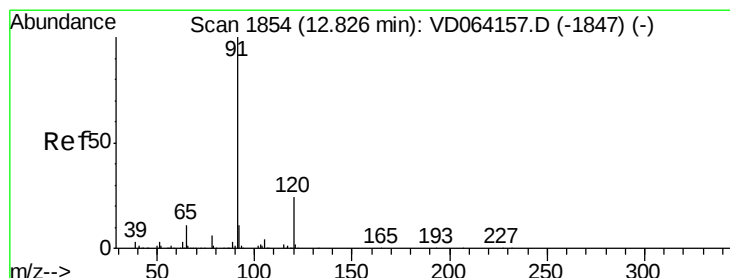
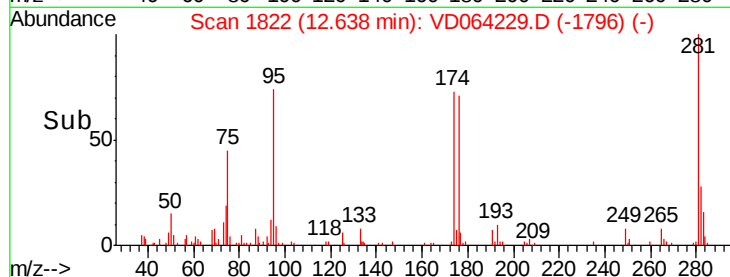
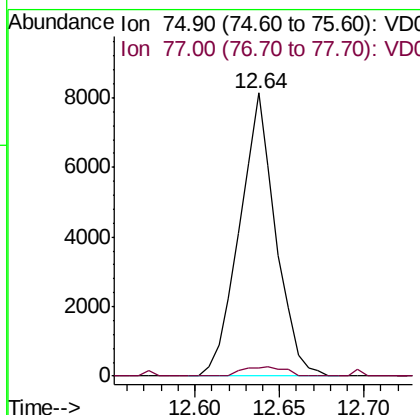
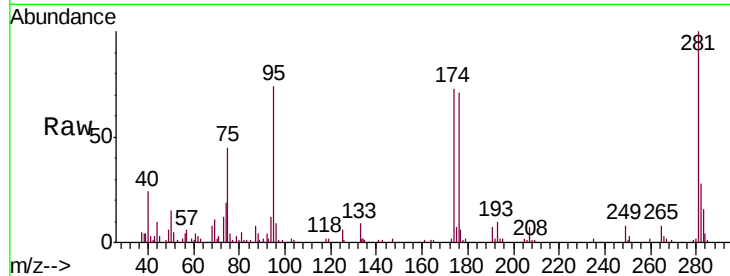




#76
 1,2,3-Trichloropropane
 Concen: 80.430 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

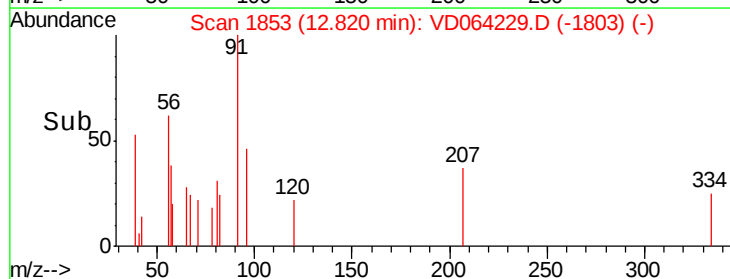
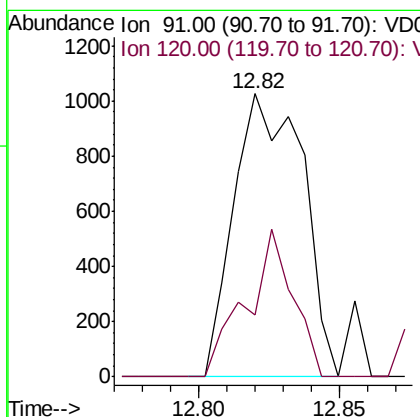
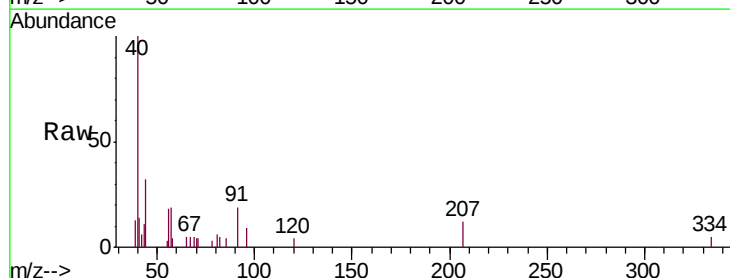
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-A

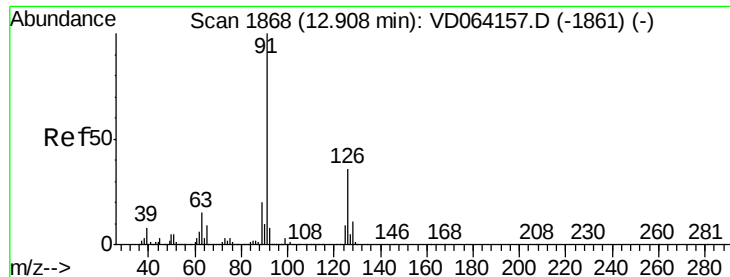
Tgt Ion: 75 Resp: 12068
 Ion Ratio Lower Upper
 75 100
 77 3.7 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.113 ug/l
 RT: 12.82 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Tgt Ion: 91 Resp: 1738
 Ion Ratio Lower Upper
 91 100
 120 35.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 1.095 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

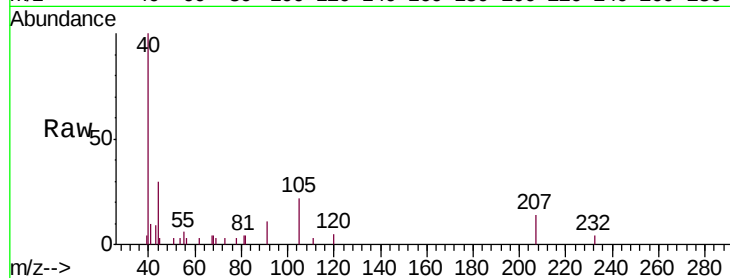
DRUM-A

Tgt Ion: 91 Resp: 966

Ion Ratio Lower Upper

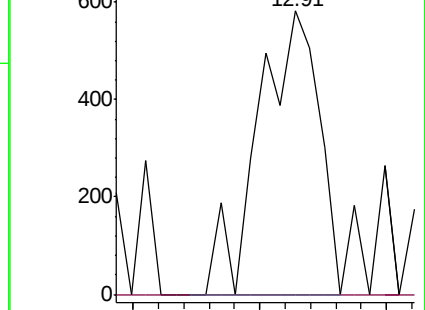
91 100

126 0.0 17.7 53.1#

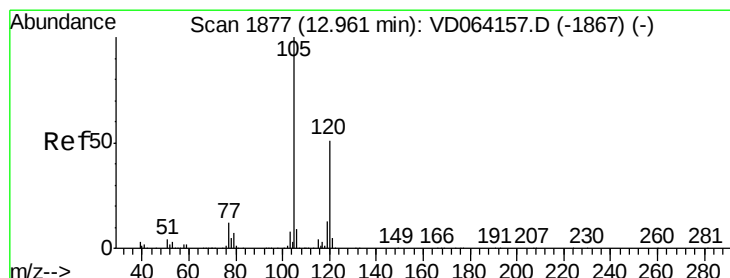
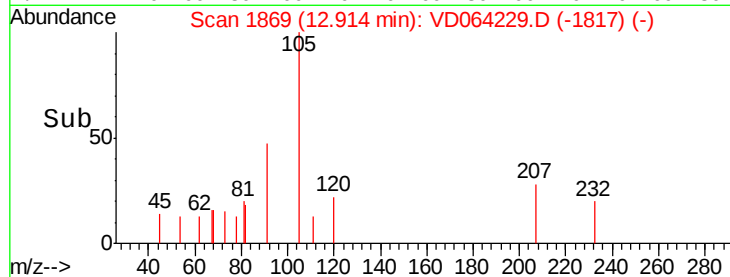


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.718 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064229.D

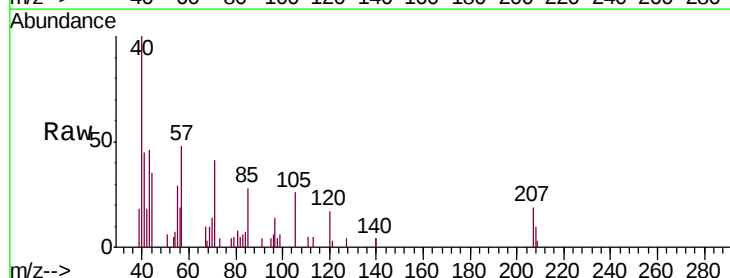
Acq: 15 Nov 2019 16:04

Tgt Ion: 105 Resp: 1930

Ion Ratio Lower Upper

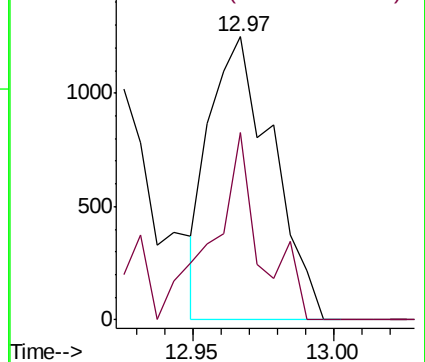
105 100

120 50.1 25.4 76.4

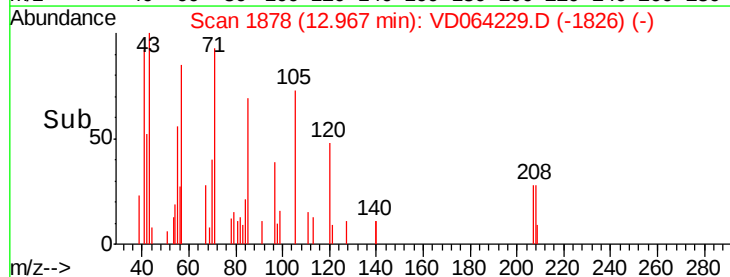


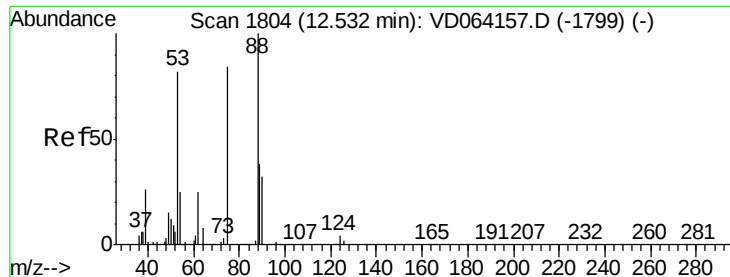
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 159.766 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

DRUM-A

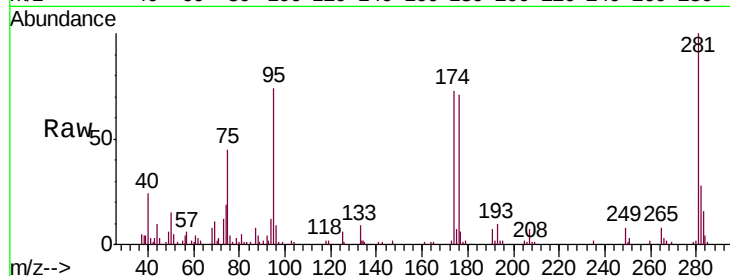
Tgt Ion: 75 Resp: 12068

Ion Ratio Lower Upper

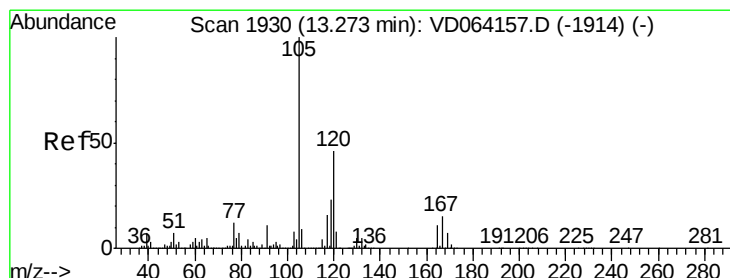
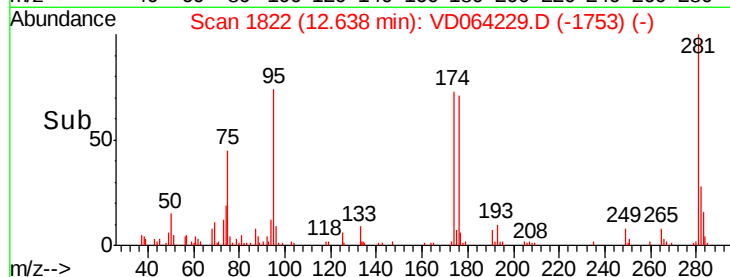
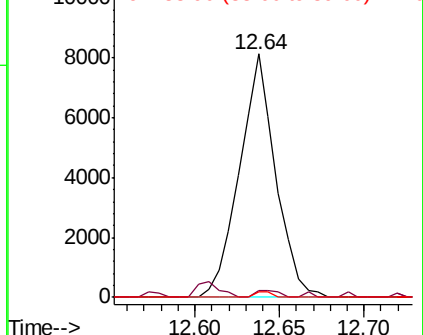
75 100

53 1.8 79.4 119.0#

89 1.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#84

1,2,4-Trimethylbenzene

Concen: 4.321 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD064229.D

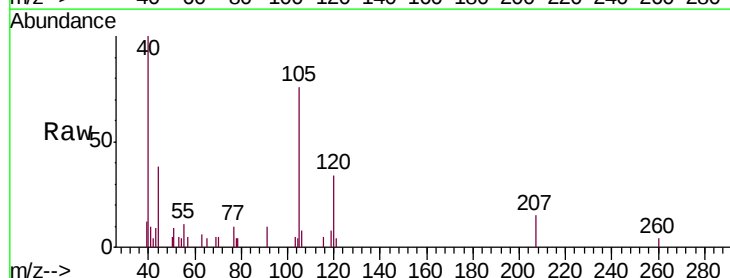
Acq: 15 Nov 2019 16:04

Tgt Ion: 105 Resp: 4793

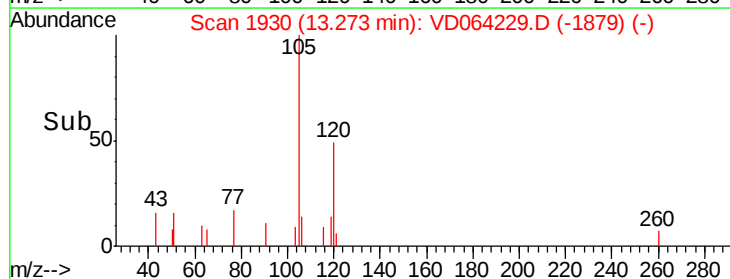
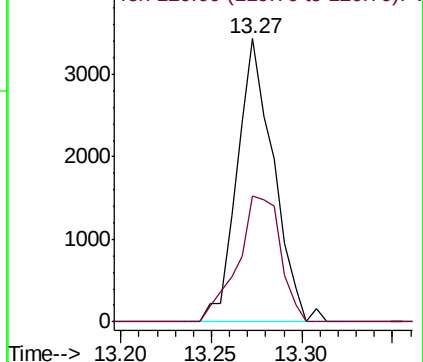
Ion Ratio Lower Upper

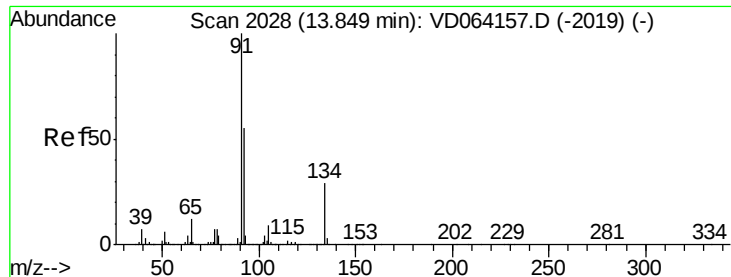
105 100

120 52.1 23.3 69.8



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





#89

n-Butylbenzene

Concen: 1.465 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

DRUM-A

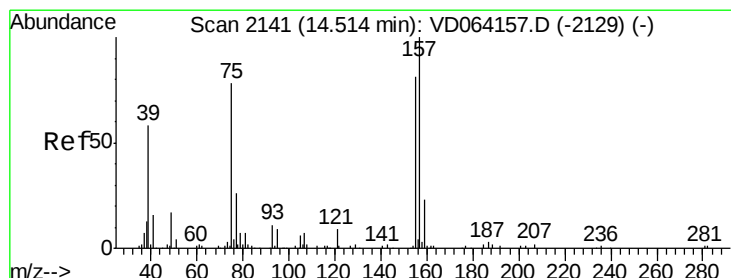
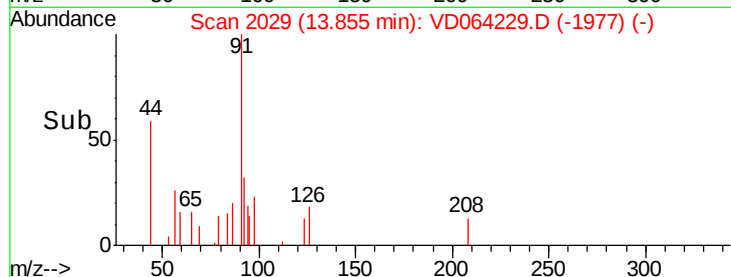
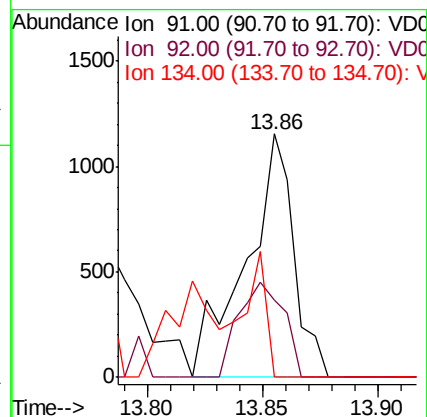
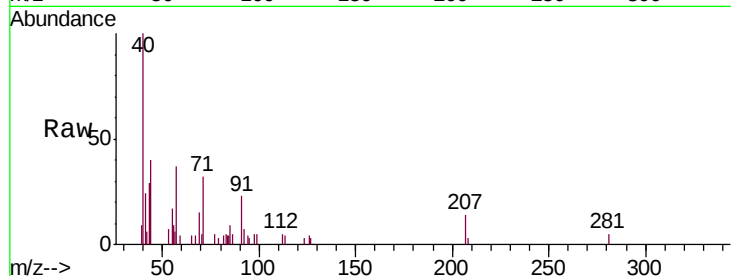
Tgt Ion: 91 Resp: 1674

Ion Ratio Lower Upper

91 100

92 36.8 27.3 81.8

134 24.6 14.1 42.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.602 ug/l

RT: 14.58 min Scan# 2153

Delta R.T. 0.07 min

Lab File: VD064229.D

Acq: 15 Nov 2019 16:04

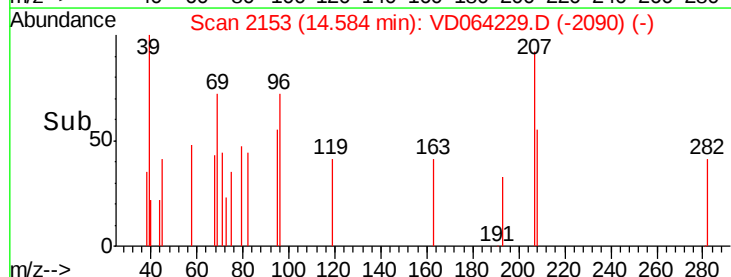
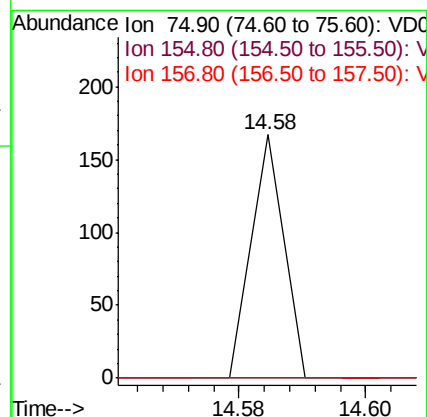
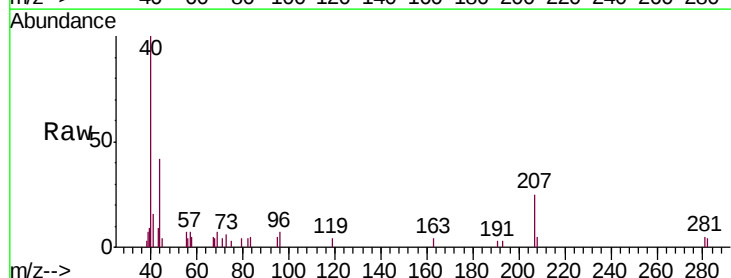
Tgt Ion: 75 Resp: 59

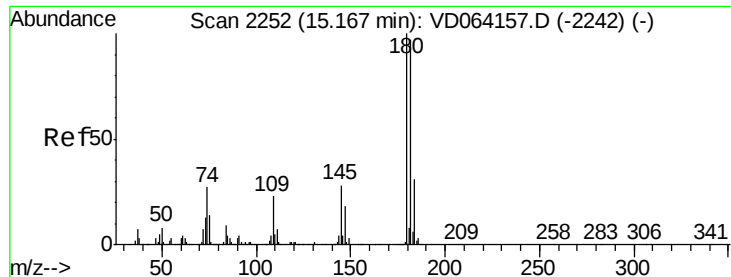
Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.0#

157 0.0 61.5 184.4#

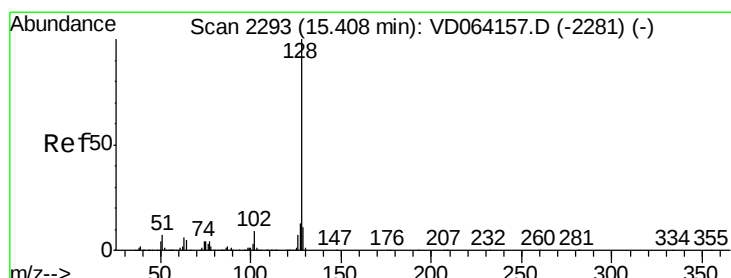
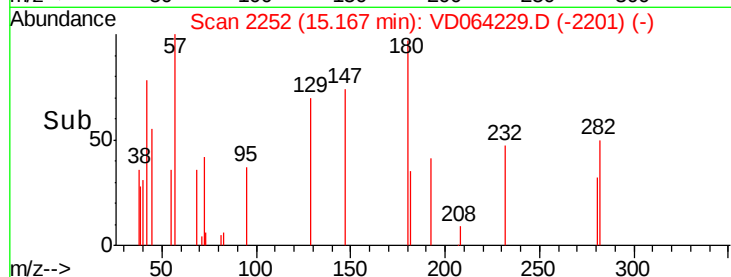
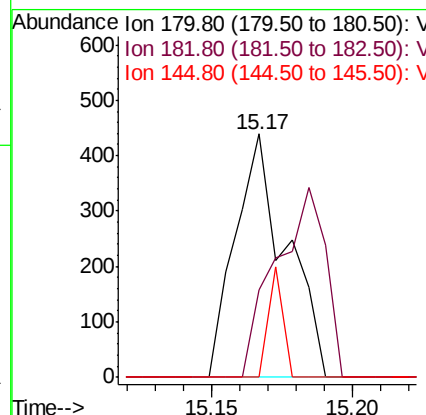
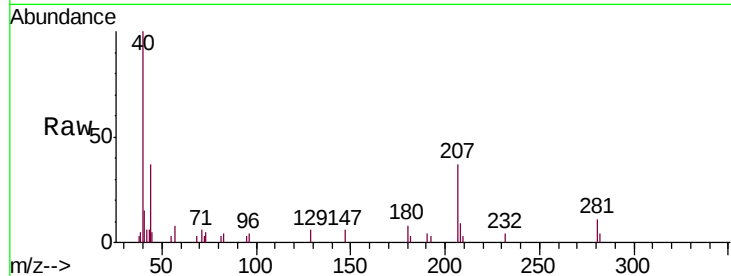




#93
 1,2,4-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Instrument :
 MSVOA_D
 ClientSampled :
 DRUM-A

Tgt Ion:180 Resp: 549
 Ion Ratio Lower Upper
 180 100
 182 76.0 47.5 142.5
 145 12.8 14.2 42.6#



#95
 Naphthalene
 Concen: 6.859 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD064229.D
 Acq: 15 Nov 2019 16:04

Tgt Ion:128 Resp: 4527
 Ion Ratio Lower Upper
 128 100
 127 8.7 10.5 15.7#
 129 9.8 8.6 13.0

