

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003375.D
 Acq On : 13 Jul 2018 21:34
 Operator : JC/MD
 Sample : J3975-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-5

Quant Time: Jul 14 02:48:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182659	58.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.12%	
35) Dibromofluoromethane	5.51	113	163136	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	
50) Toluene-d8	8.72	98	579773	59.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.02%	
62) 4-Bromofluorobenzene	11.14	95	204276	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	240	Below Cal		80
3) Chloromethane	1.32	50	1342	Below Cal		95
5) Bromomethane	1.67	94	3260	1.56	ug/l	92
6) Chloroethane	1.72	64	161	Below Cal	#	43
8) Diethyl Ether	2.19	74	1047	0.44	ug/l	96
10) Methyl Iodide	2.52	142	3888	1.12	ug/l	95
11) Tert butyl alcohol	3.07	59	1291	1.56	ug/l	# 84
13) Acrolein	2.29	56	446	Below Cal		92
16) Acetone	2.45	43	39431	24.55	ug/l	# 89
17) Carbon Disulfide	2.57	76	5116	0.66	ug/l	100
18) Methyl Acetate	2.78	43	25651	5.14	ug/l	97
20) Methylene Chloride	2.86	84	20740	4.88	ug/l	92
25) 2-Butanone	4.71	43	13601	5.46	ug/l	95
29) Tetrahydrofuran	5.18	42	1357	0.85	ug/l	# 79
30) Chloroform	5.22	83	7444	1.21	ug/l	98
36) 1,1-Dichloropropene	5.67	75	18984	4.40	ug/l	# 50
37) Ethyl Acetate	4.71	43	13601	2.88	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	25479	5.80	ug/l	# 16
39) Methylcyclohexane	7.46	83	1212	0.25	ug/l	96
40) Benzene	6.15	78	2857	0.21	ug/l	99
47) Bromodichloromethane	7.90	83	2155	0.50	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1316	0.27	ug/l	94
52) Toluene	8.79	92	11109	1.30	ug/l	99
67) Ethyl Benzene	10.26	91	9130	0.57	ug/l	97
68) m/p-Xylenes	10.36	106	7656	1.24	ug/l	98
69) o-Xylene	10.70	106	8180	1.36	ug/l	97
73) Isopropylbenzene	11.02	105	3259	0.22	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	99178	23.65	ug/l	# 33
78) n-propylbenzene	11.36	91	5557	0.33	ug/l	94
79) 2-Chlorotoluene	11.43	91	2404	0.23	ug/l	# 59
80) 1,3,5-Trimethylbenzene	11.51	105	7255	0.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	99178	78.86	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	15921	1.29	ug/l	97
85) sec-Butylbenzene	11.94	105	4045	0.28	ug/l	98

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QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

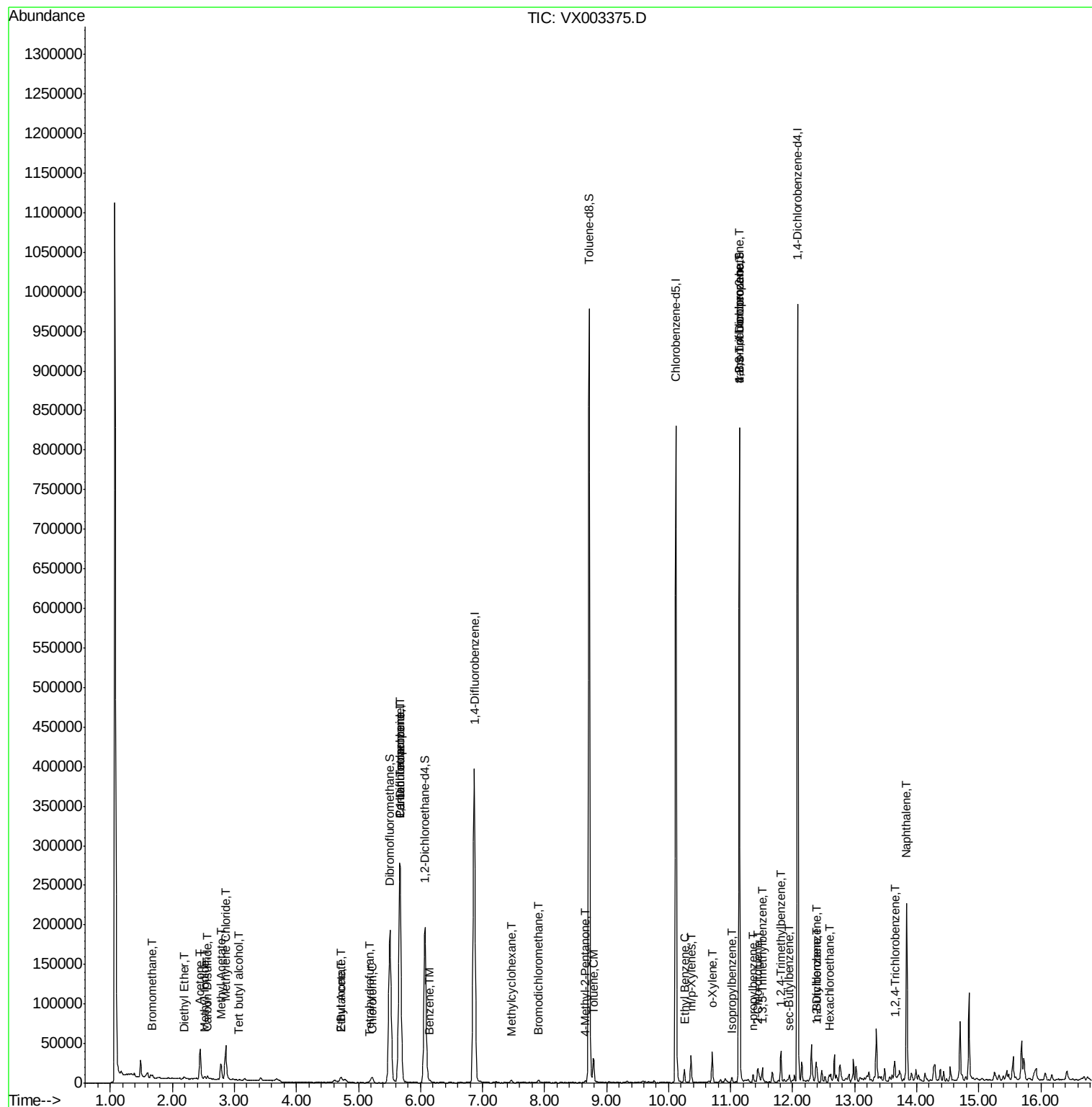
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	4949	0.45	ug/l #	55
90) Hexachloroethane	12.59	117	504	0.26	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	1750	0.23	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	2423	0.46	ug/l #	82
95) Naphthalene	13.83	128	143715	9.67	ug/l	99

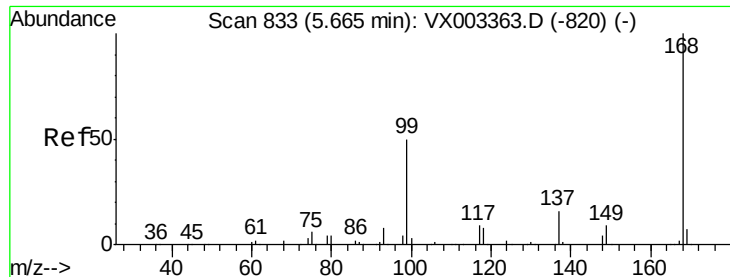
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampled :

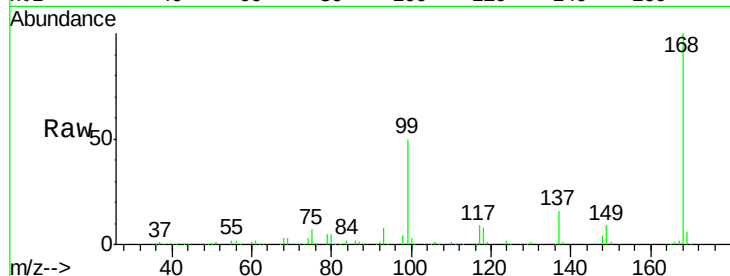
PAR-5

Tot Ion:168 Resp: 286078

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

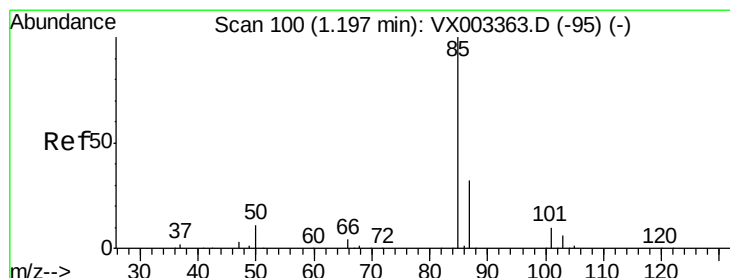
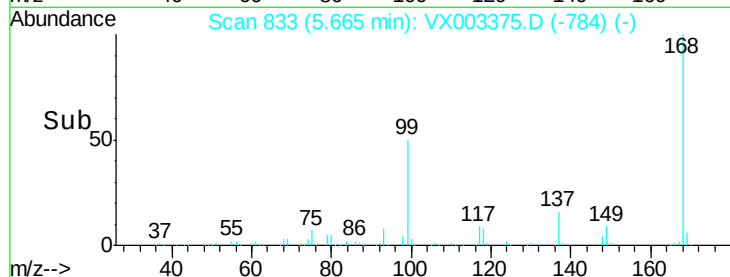
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003375.D

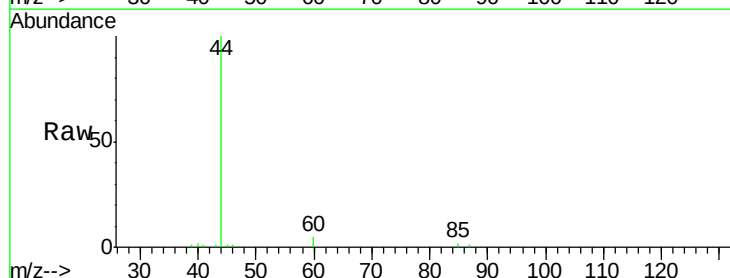
Acq: 13 Jul 2018 21:34

Tgt Ion: 85 Resp: 240

Ion Ratio Lower Upper

85 100

87 42.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250

200

150

100

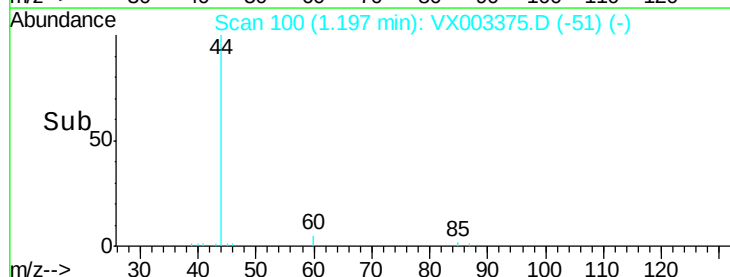
50

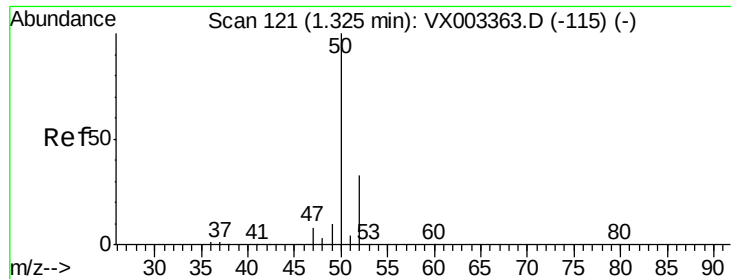
0

1.20

1.16 1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

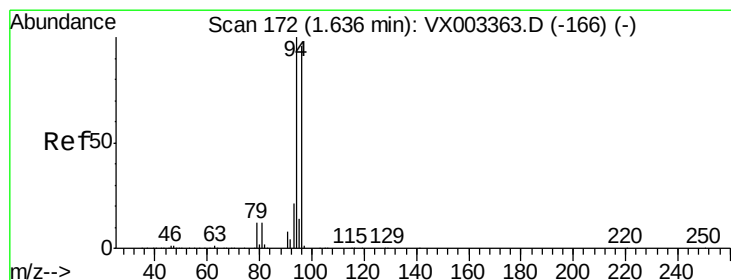
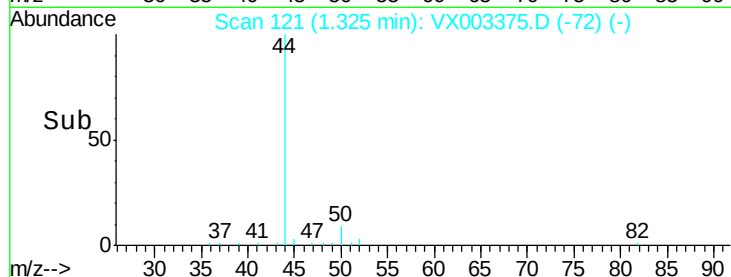
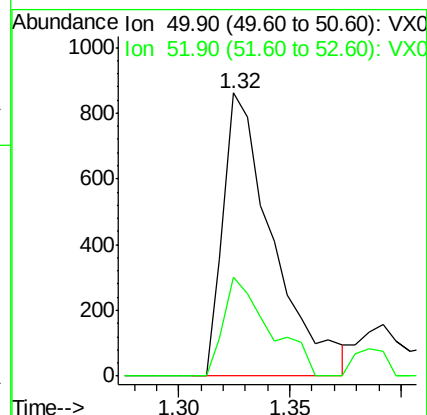
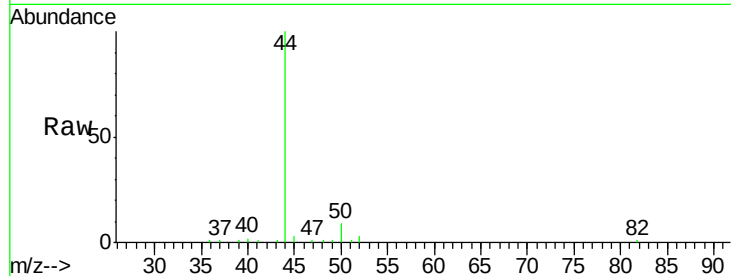
PAR-5

Tot Ion: 50 Resp: 1342

Ion Ratio Lower Upper

50 100

52 35.1 25.7 38.5



#5

Bromomethane

Concen: 1.56 ug/l

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003375.D

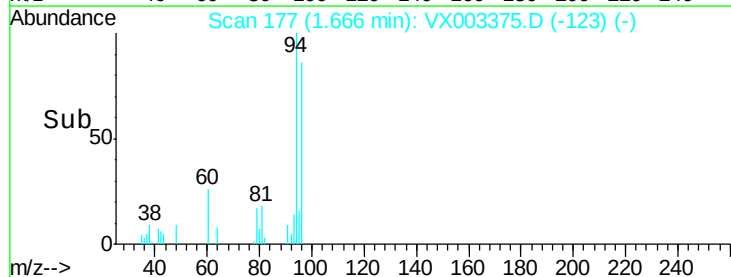
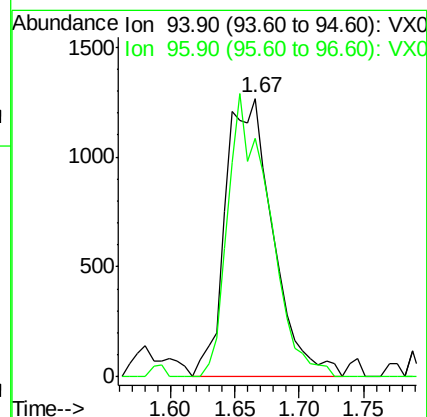
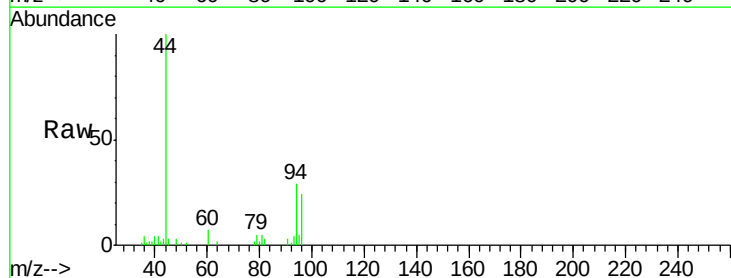
Acq: 13 Jul 2018 21:34

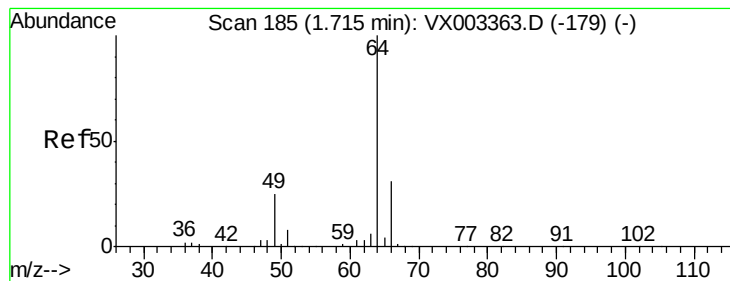
Tgt Ion: 94 Resp: 3260

Ion Ratio Lower Upper

94 100

96 85.5 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

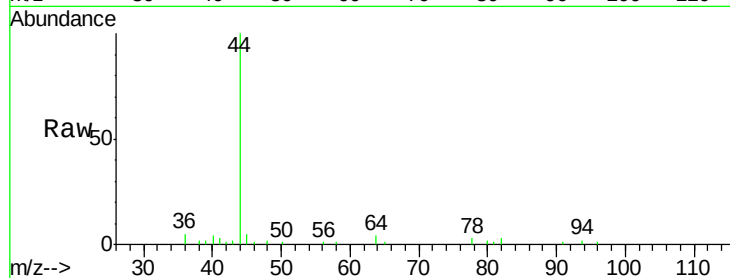
PAR-5

Tot Ion: 64 Resp: 161

Ion Ratio Lower Upper

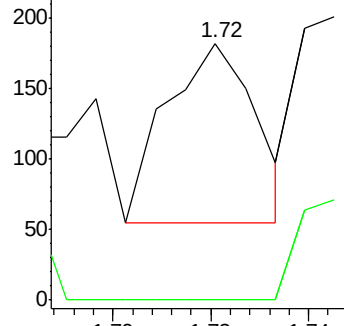
64 100

66 0.0 25.5 38.3#

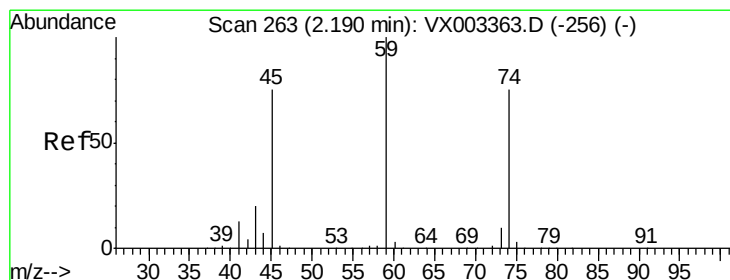
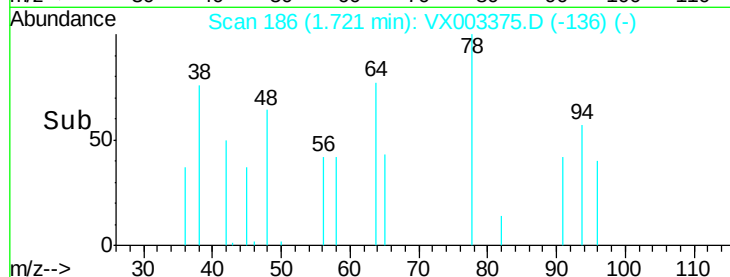


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#8

Diethyl Ether

Concen: 0.44 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003375.D

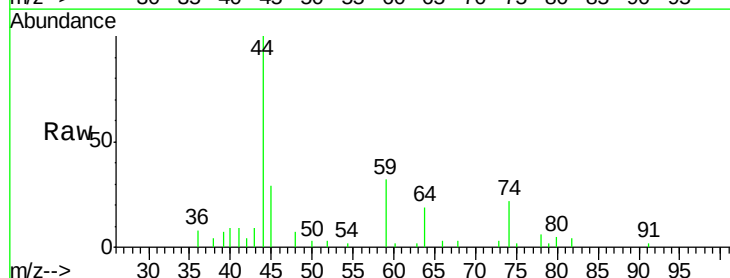
Acq: 13 Jul 2018 21:34

Tgt Ion: 74 Resp: 1047

Ion Ratio Lower Upper

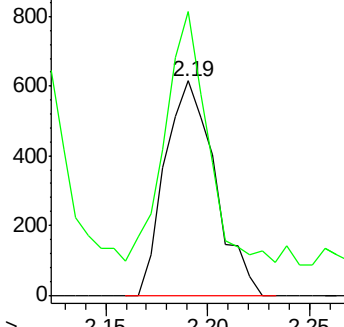
74 100

45 102.6 53.1 159.4

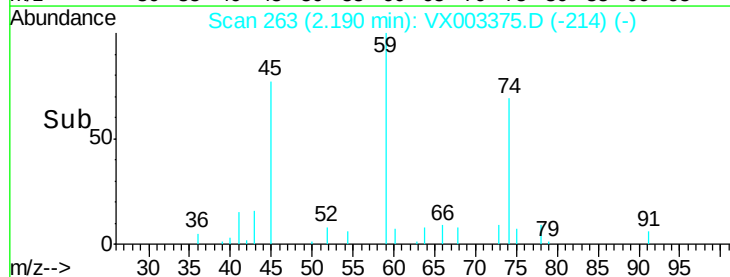


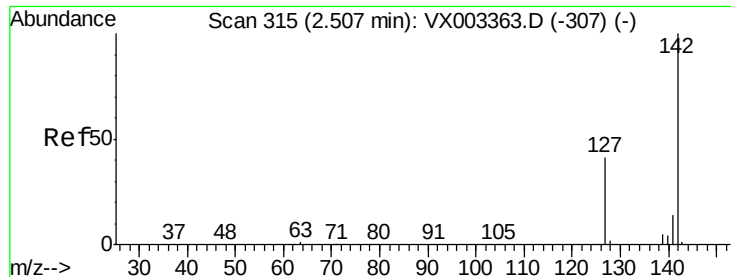
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->

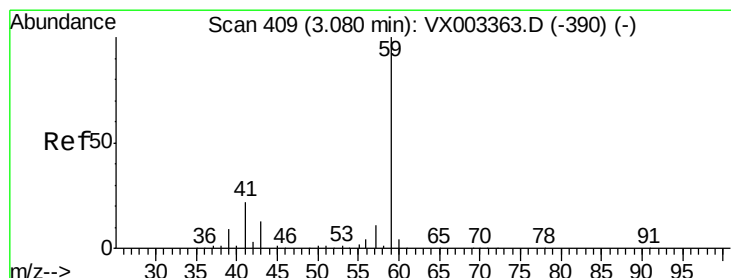
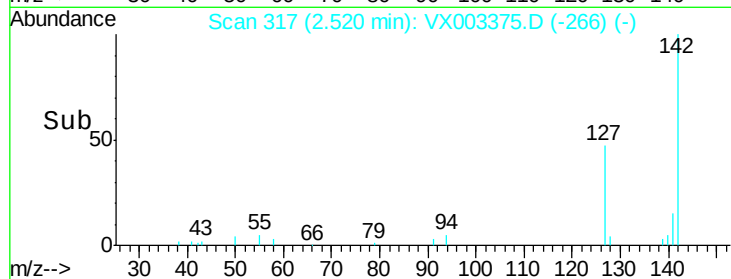
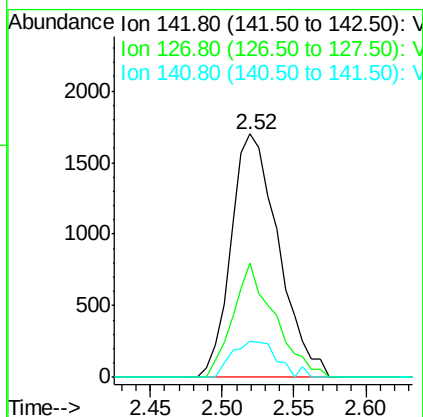
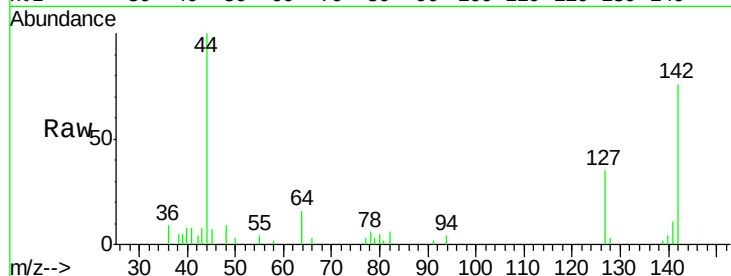




#10
Methyl Iodide
Concen: 1.12 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

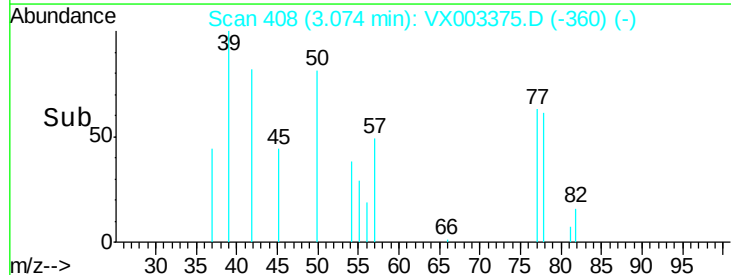
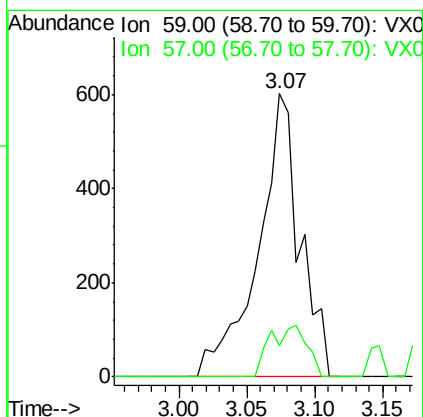
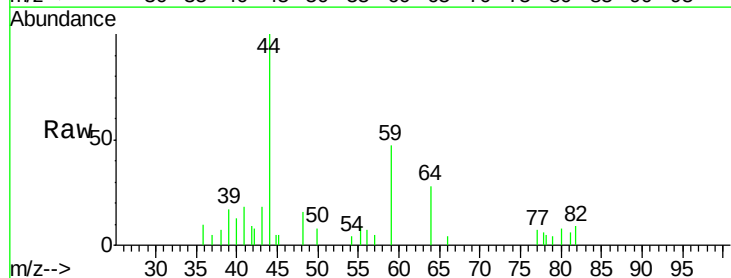
Instrument :
MSVOA_X
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PAR-5

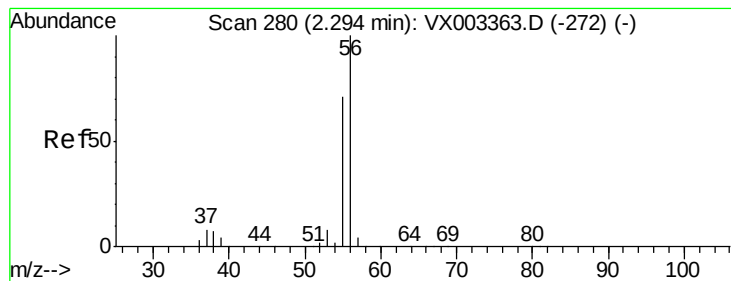
Tot Ion:142 Resp: 3888
Ion Ratio Lower Upper
142 100
127 41.5 36.6 55.0
141 14.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 1.56 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 59 Resp: 1291
Ion Ratio Lower Upper
59 100
57 16.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

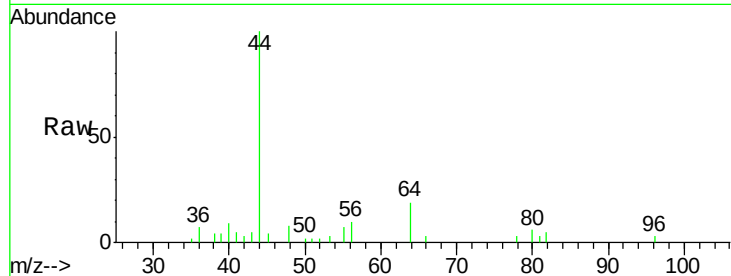
PAR-5

Tot Ion: 56 Resp: 446

Ion Ratio Lower Upper

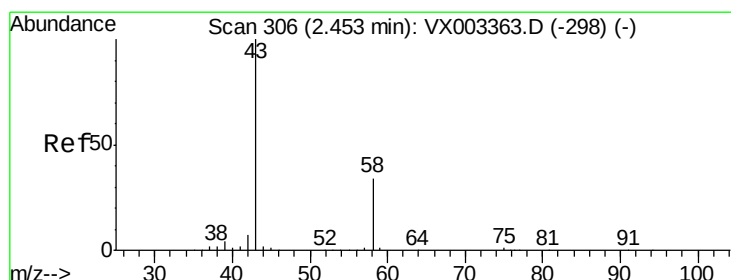
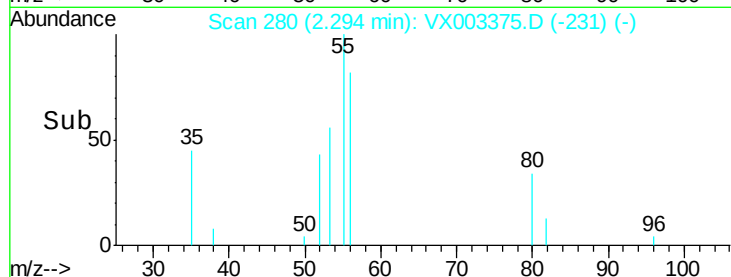
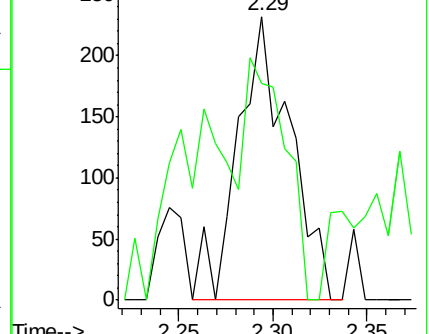
56 100

55 64.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 24.55 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003375.D

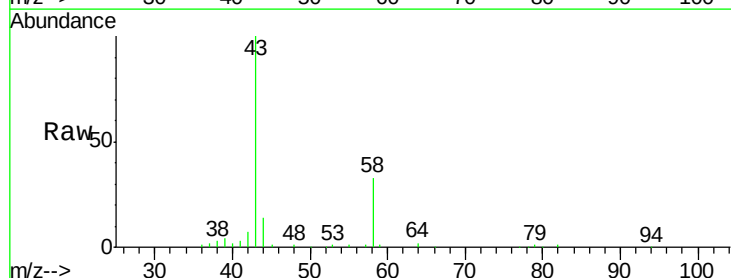
Acq: 13 Jul 2018 21:34

Tgt Ion: 43 Resp: 39431

Ion Ratio Lower Upper

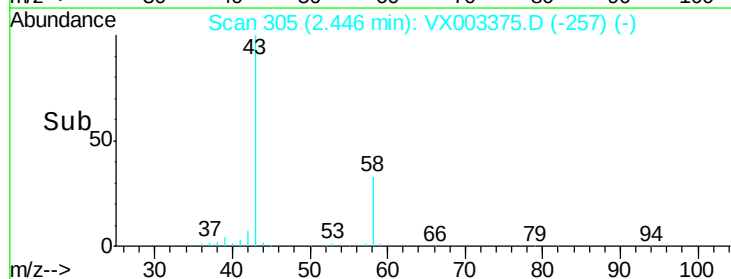
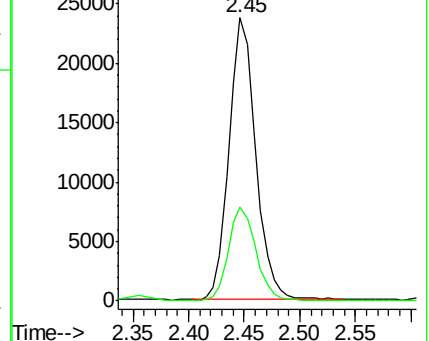
43 100

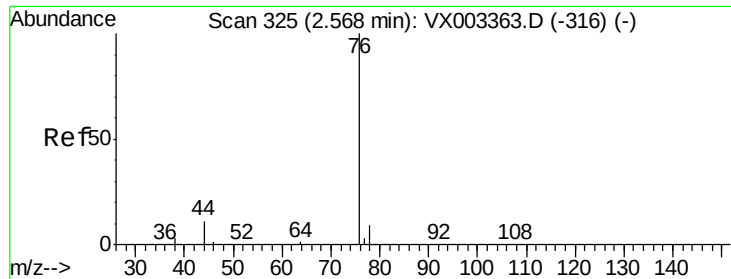
58 33.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

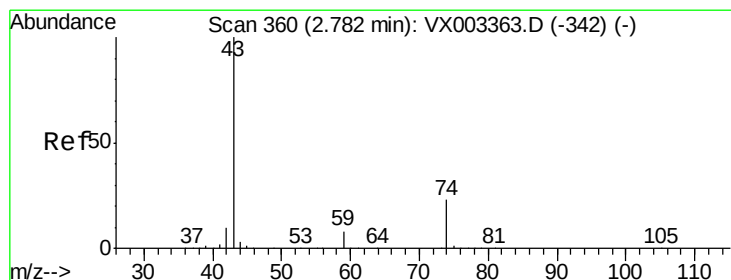
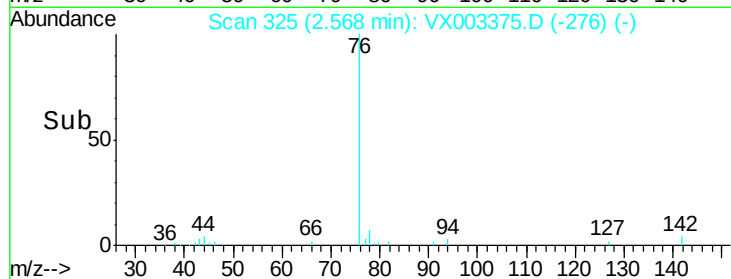
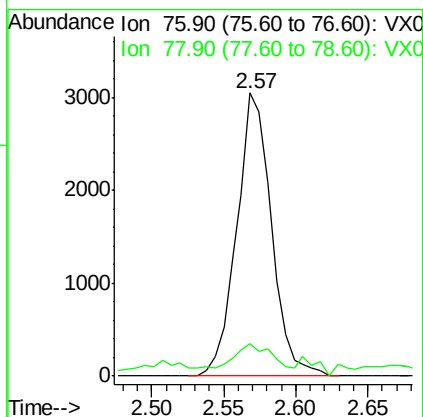
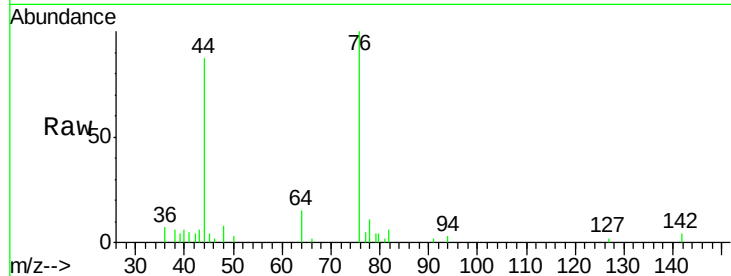




#17
Carbon Disulfide
Concen: 0.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

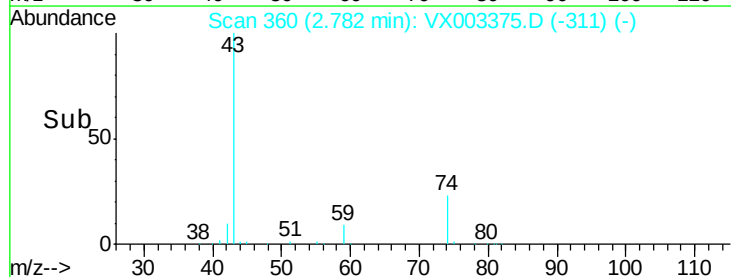
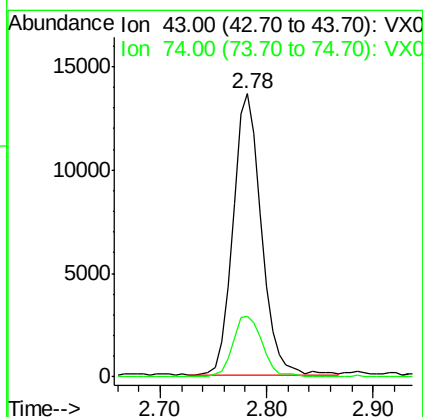
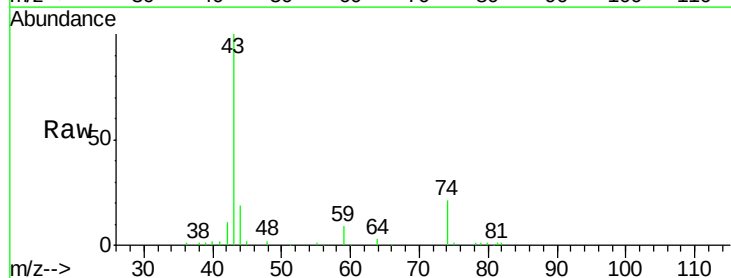
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

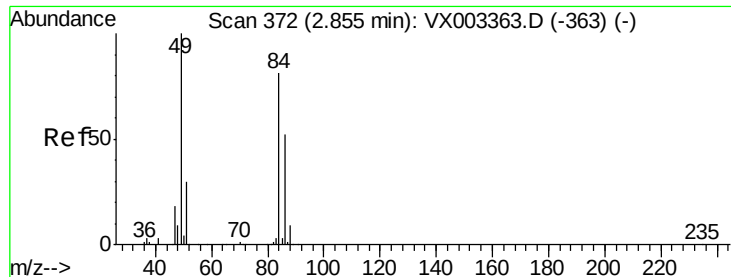
Tot Ion: 76 Resp: 5116
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#18
Methyl Acetate
Concen: 5.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 43 Resp: 25651
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1

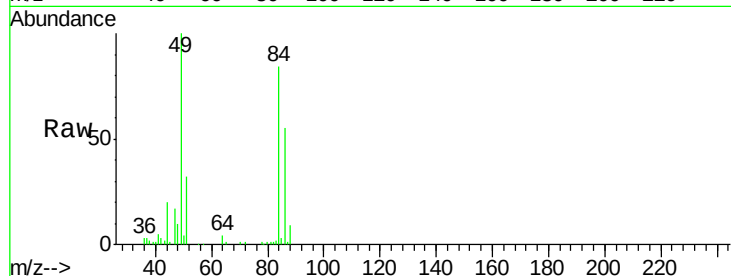




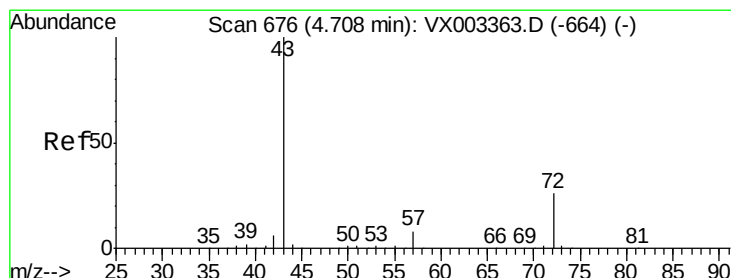
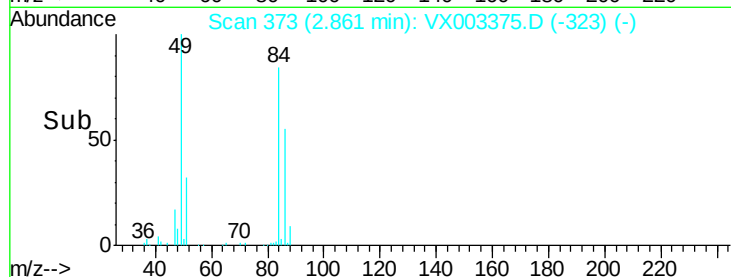
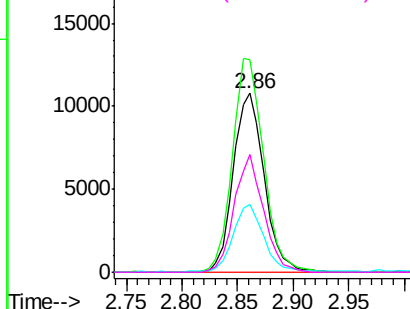
#20
Methylene Chloride
Concen: 4.88 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
PAR-5

Tot Ion: 84 Resp: 20740
Ion Ratio Lower Upper
84 100
49 119.1 107.8 161.6
51 37.6 32.8 49.2
86 65.7 52.5 78.7

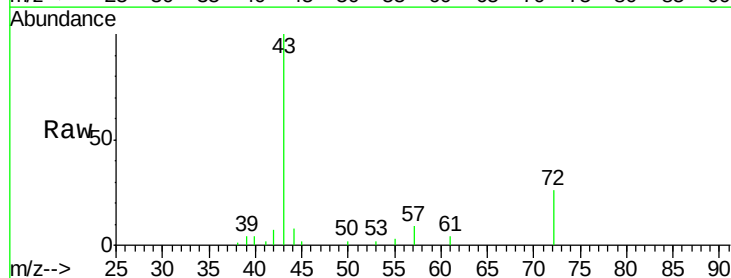


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

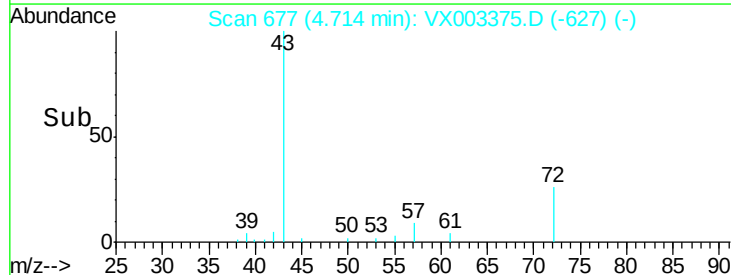
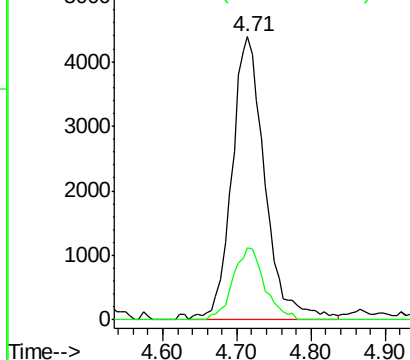


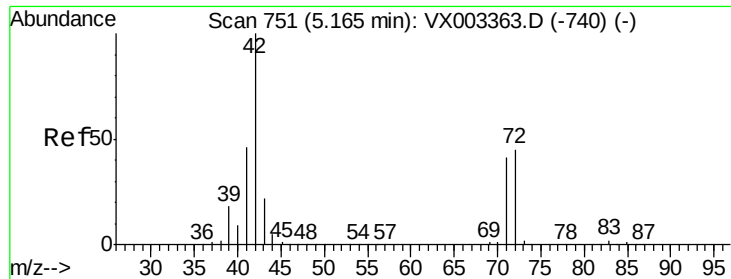
#25
2-Butanone
Concen: 5.46 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 43 Resp: 13601
Ion Ratio Lower Upper
43 100
72 25.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

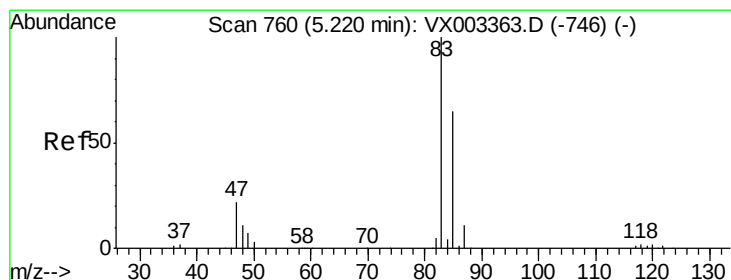
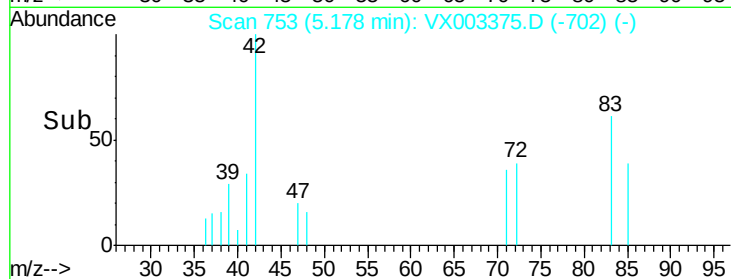
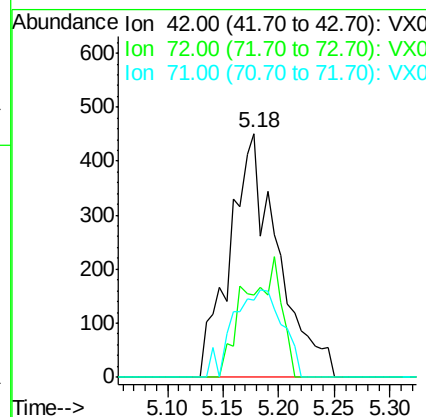
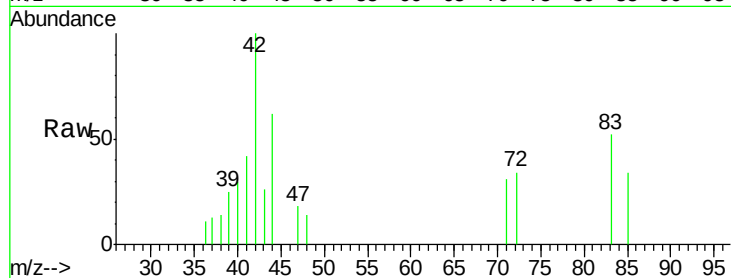




#29
Tetrahydrofuran
Concen: 0.85 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

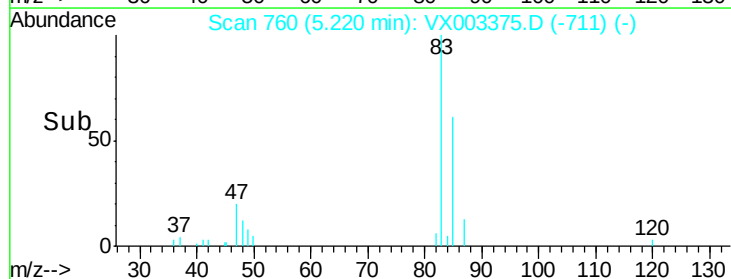
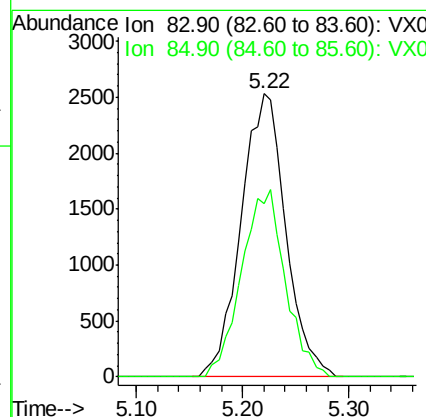
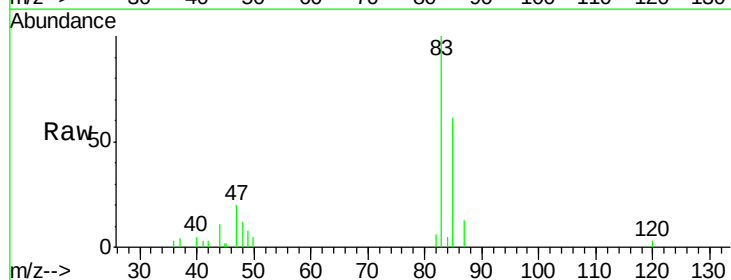
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

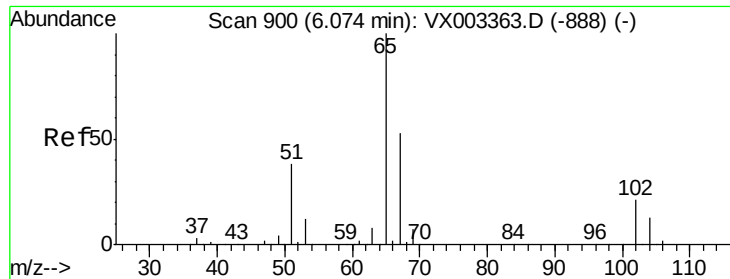
Tot Ion: 42 Resp: 1357
Ion Ratio Lower Upper
42 100
72 16.1 32.0 48.0#
71 36.7 30.1 45.1



#30
Chloroform
Concen: 1.21 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 83 Resp: 7444
Ion Ratio Lower Upper
83 100
85 61.4 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 58.56 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

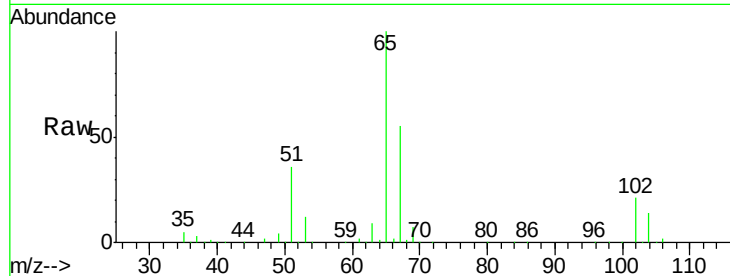
PAR-5

Tot Ion: 65 Resp: 182659

Ion Ratio Lower Upper

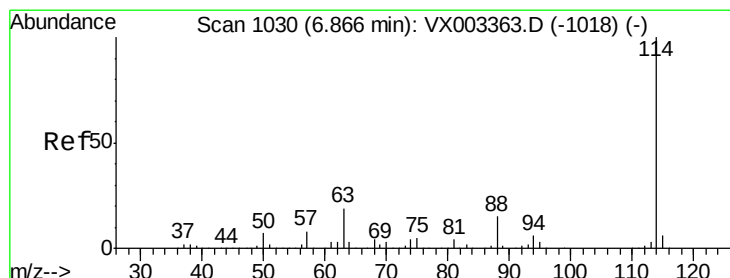
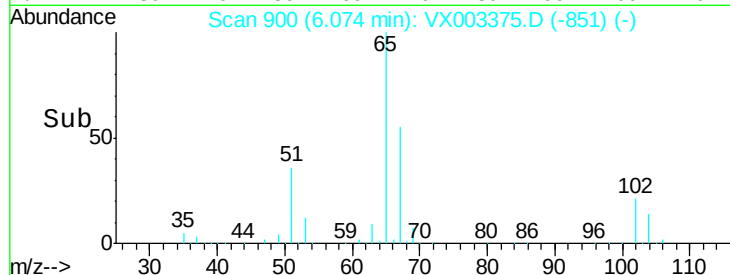
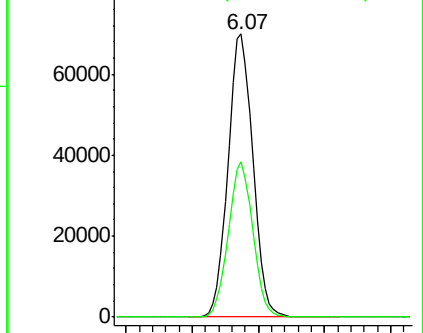
65 100

67 54.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

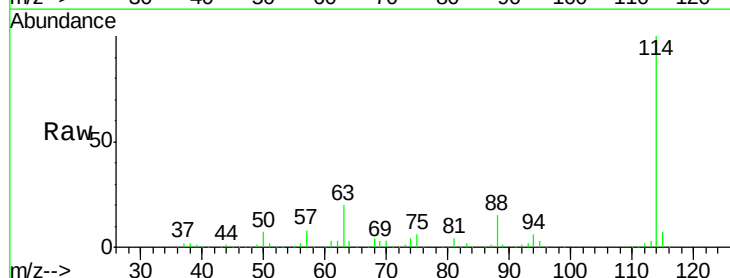
Tgt Ion: 114 Resp: 405747

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

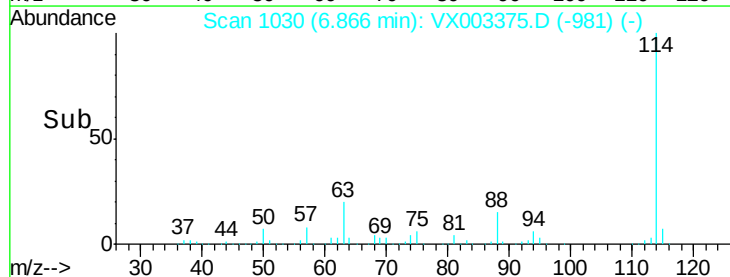
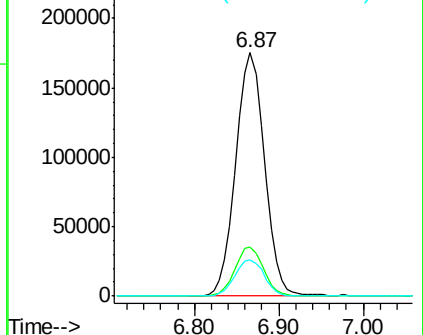
88 14.9 0.0 30.0

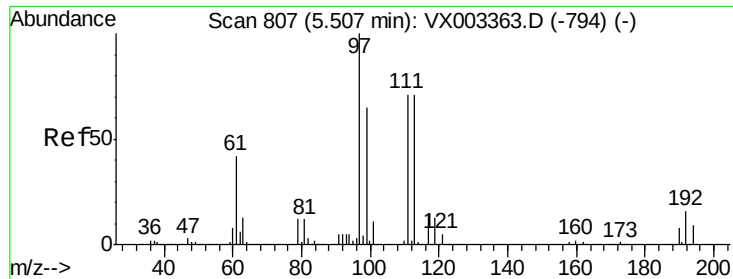


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

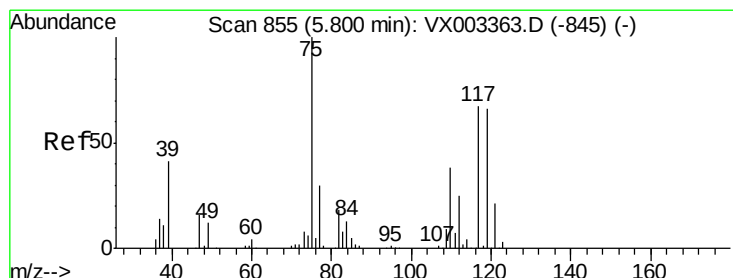
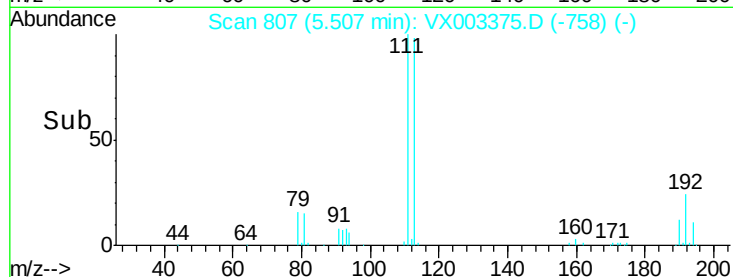
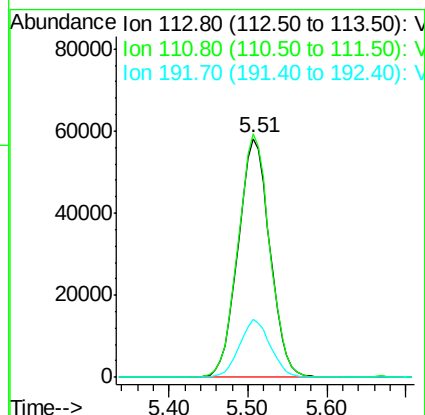
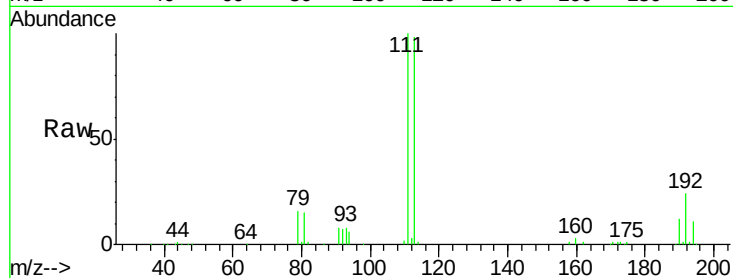




#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

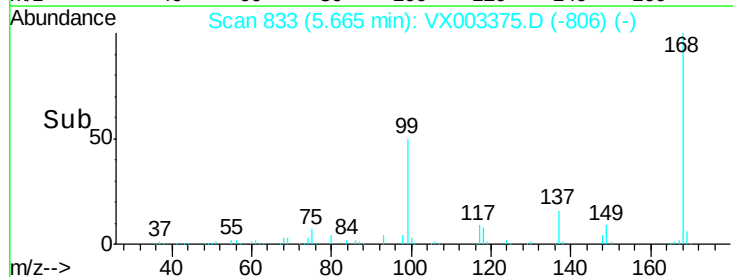
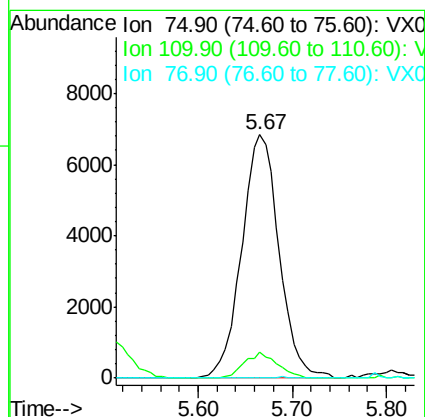
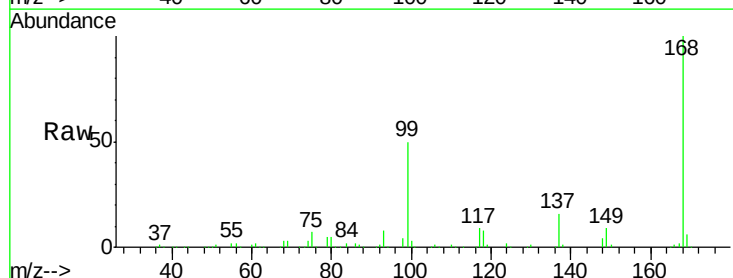
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

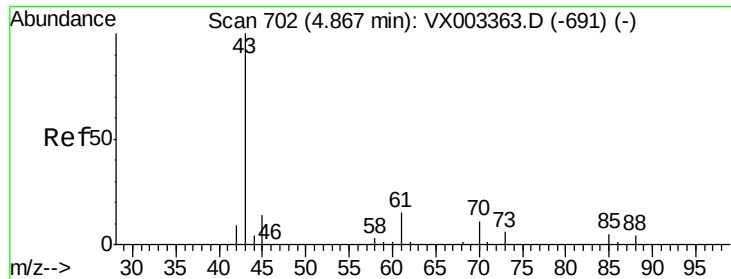
Tot Ion:113 Resp: 163136
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 23.5 19.1 28.7



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 75 Resp: 18984
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 24.3 36.5#

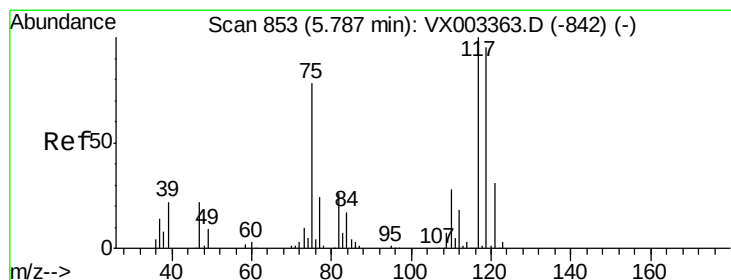
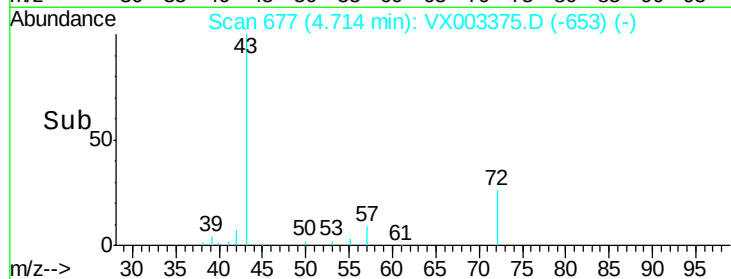
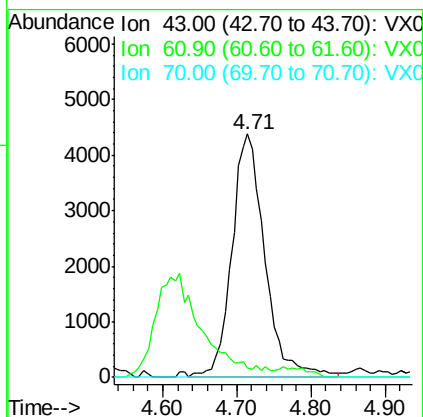
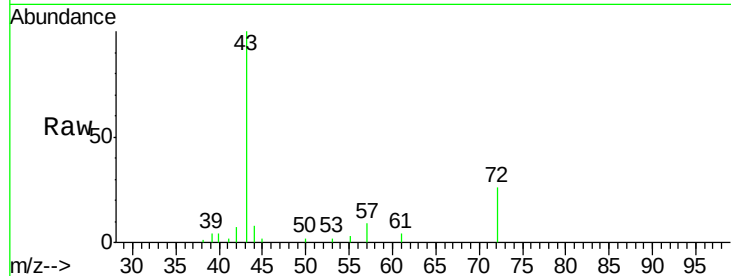




#37
Ethyl Acetate
Concen: 2.88 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

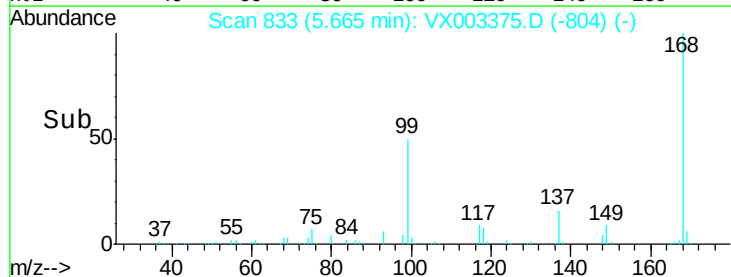
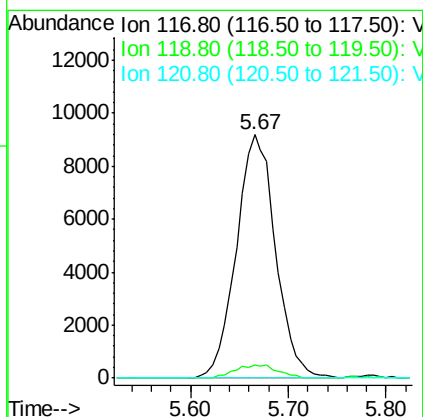
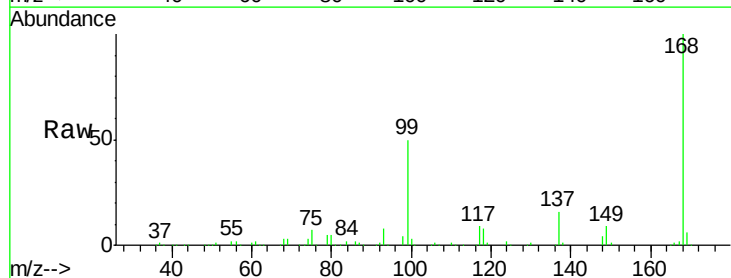
Instrument :
MSVOA_X
ClientSampled :
PAR-5

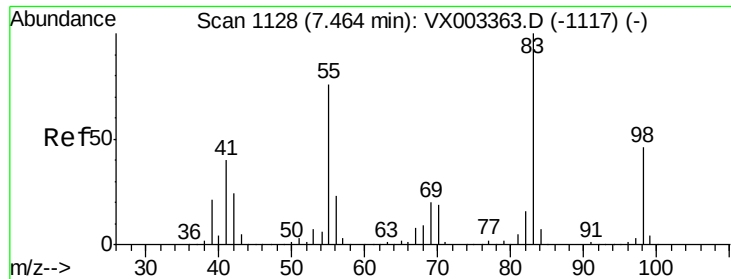
Tot Ion: 43 Resp: 13601
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 117 Resp: 25479
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 24.4 36.6#

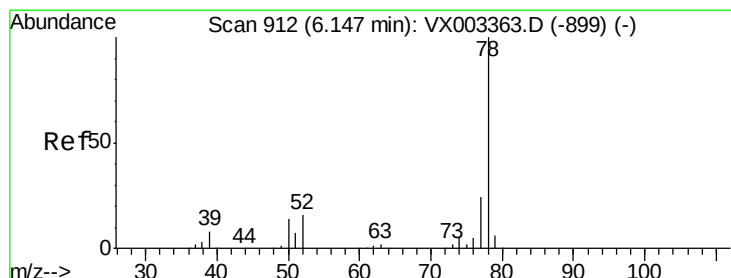
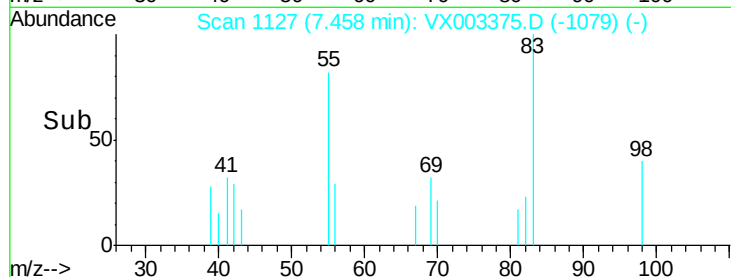
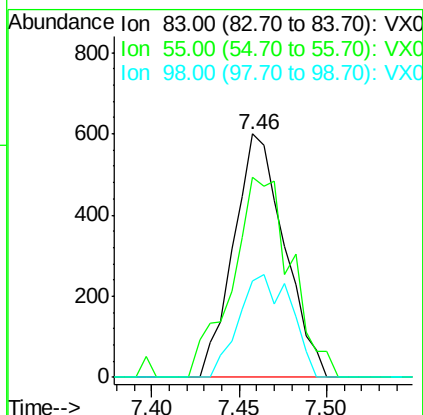
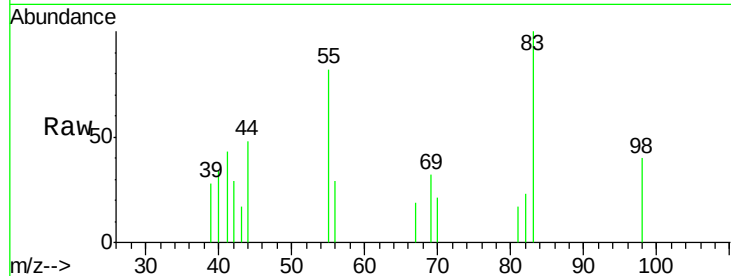




#39
Methylvlcyclohexane
Concen: 0.25 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

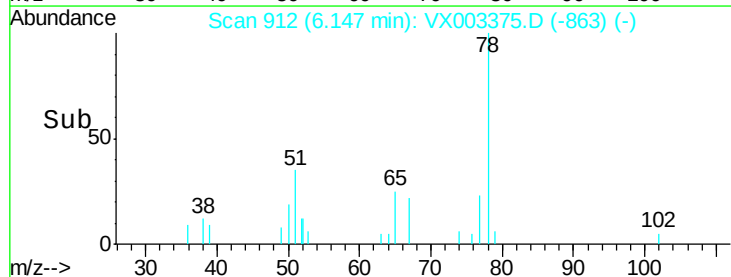
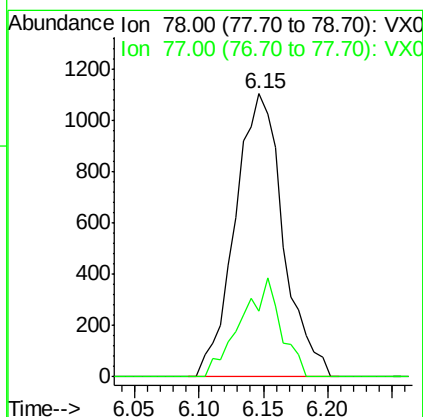
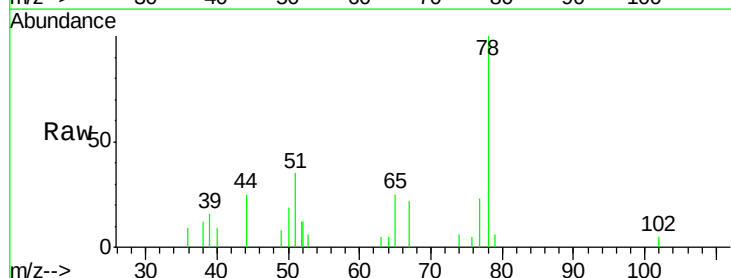
Instrument :
MSVOA_X
ClientSampled :
PAR-5

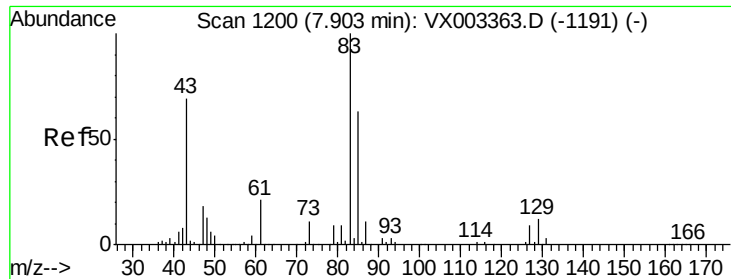
Tot Ion: 83 Resp: 1212
Ion Ratio Lower Upper
83 100
55 82.3 65.4 98.0
98 39.5 37.4 56.0



#40
Benzene
Concen: 0.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 78 Resp: 2857
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#47

Bromodichloromethane

Concen: 0.50 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

PAR-5

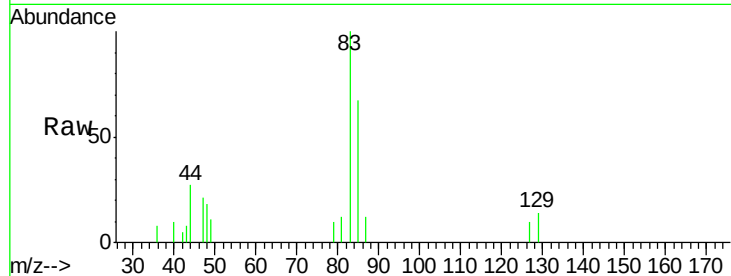
Tot Ion: 83 Resp: 2155

Ion Ratio Lower Upper

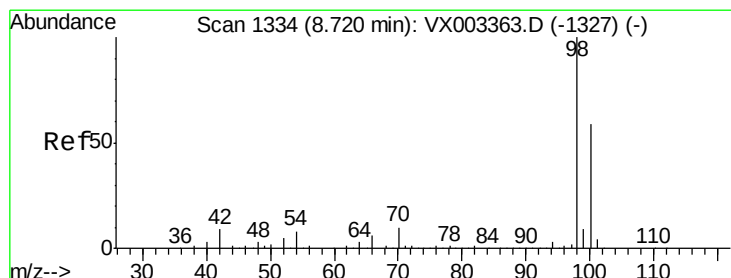
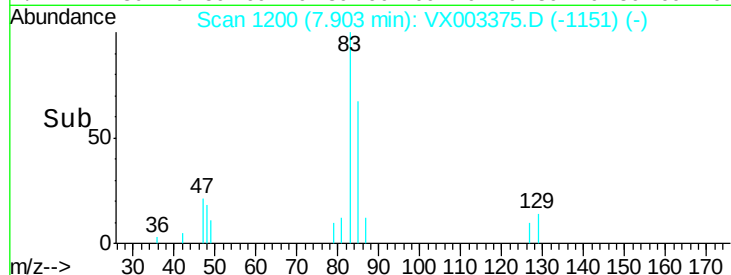
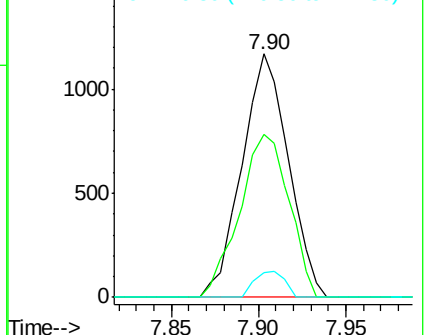
83 100

85 67.2 50.3 75.5

127 10.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 59.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003375.D

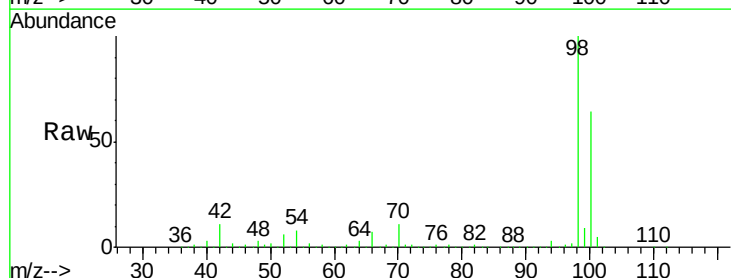
Acq: 13 Jul 2018 21:34

Tgt Ion: 98 Resp: 579773

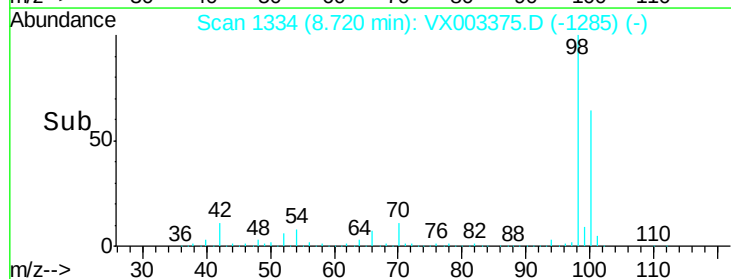
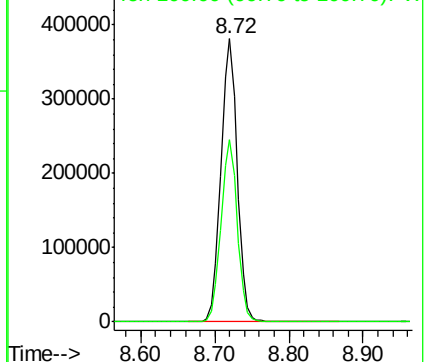
Ion Ratio Lower Upper

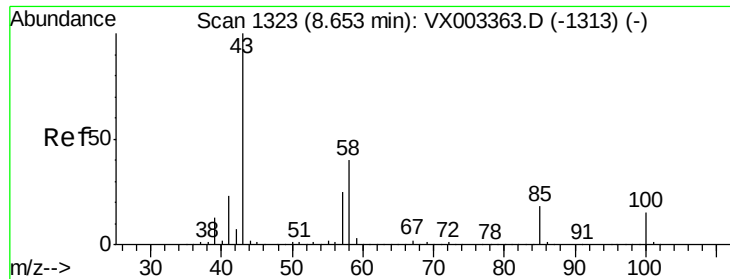
98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.27 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampled :

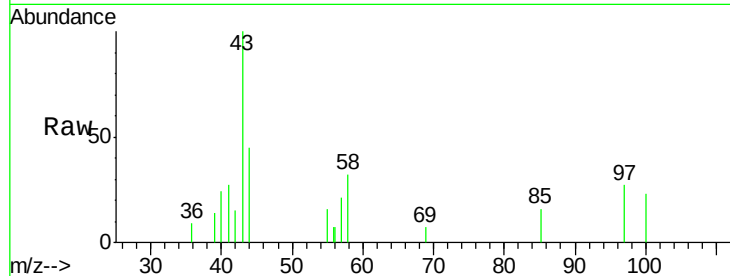
PAR-5

Tot Ion: 43 Resp: 1316

Ion Ratio Lower Upper

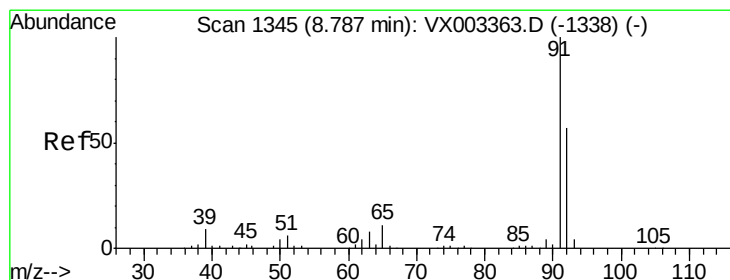
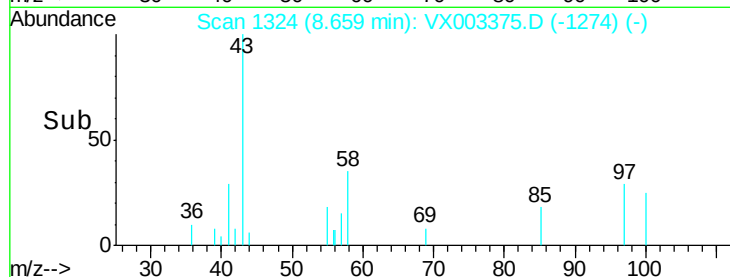
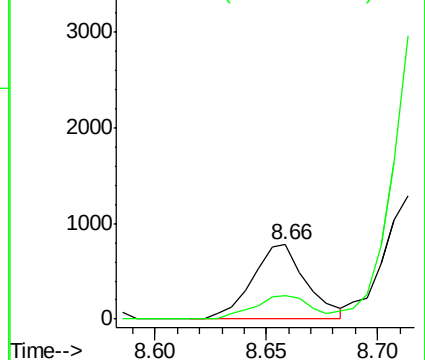
43 100

58 32.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.30 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003375.D

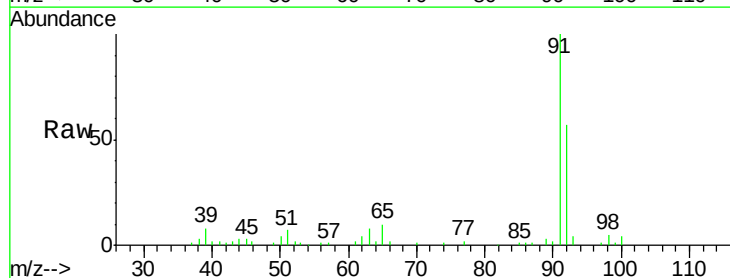
Acq: 13 Jul 2018 21:34

Tgt Ion: 92 Resp: 11109

Ion Ratio Lower Upper

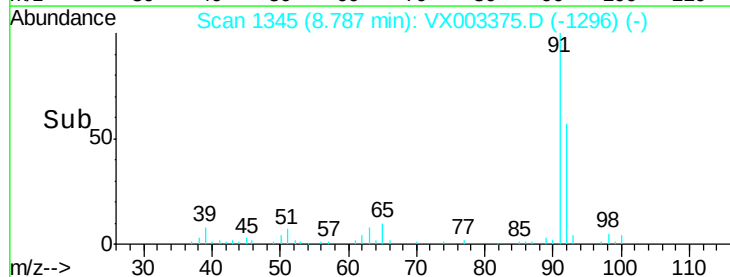
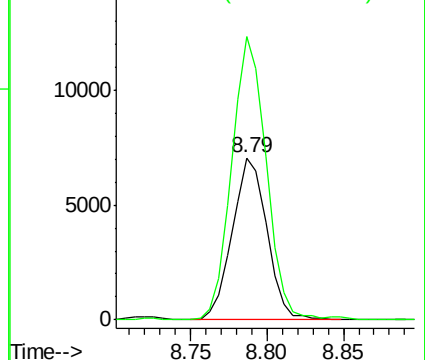
92 100

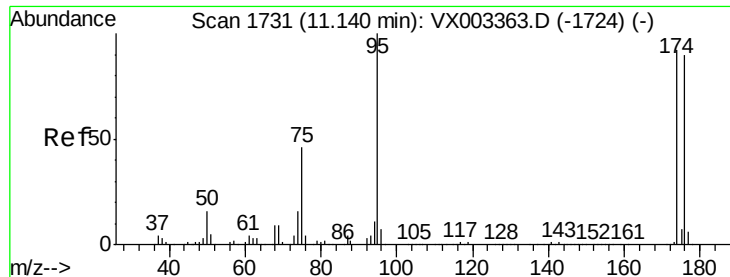
91 173.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampled :

PAR-5

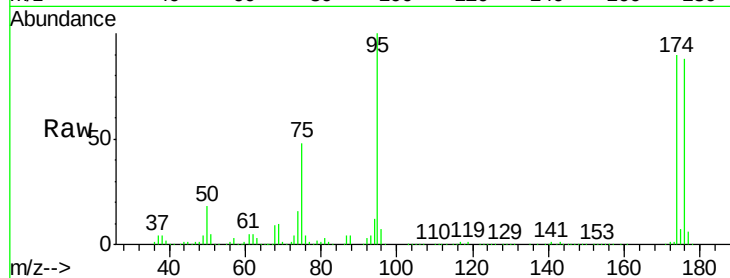
Tot Ion: 95 Resp: 204276

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

176 89.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003363.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003363.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003363.D (-1724) (-)

11.14

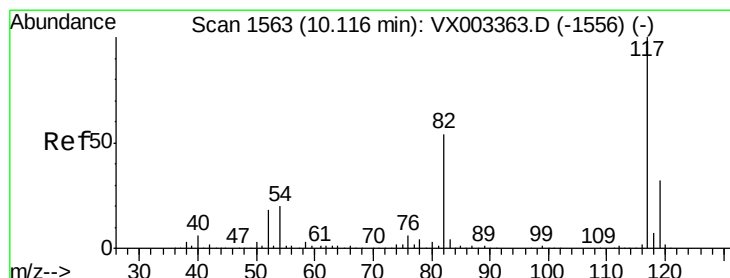
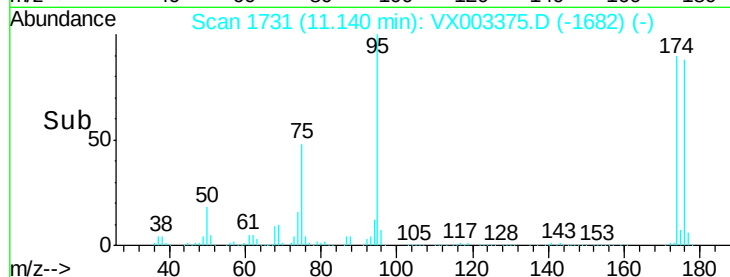
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

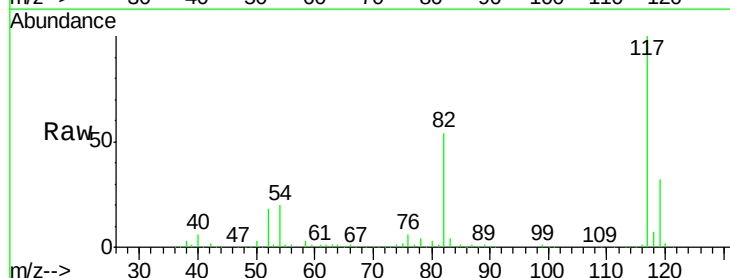
Tgt Ion: 117 Resp: 382631

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003363.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003363.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003363.D (-1556) (-)

10.12

400000

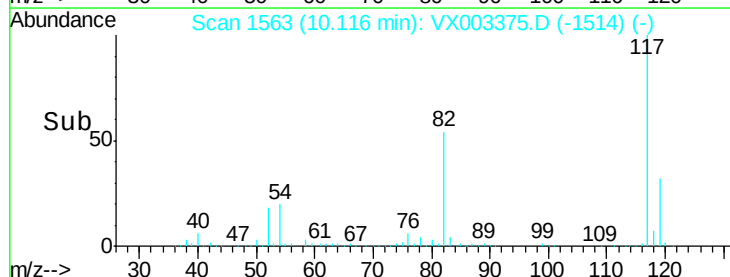
300000

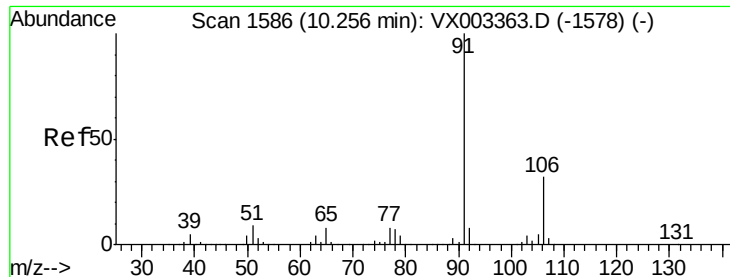
200000

100000

0

Time-->

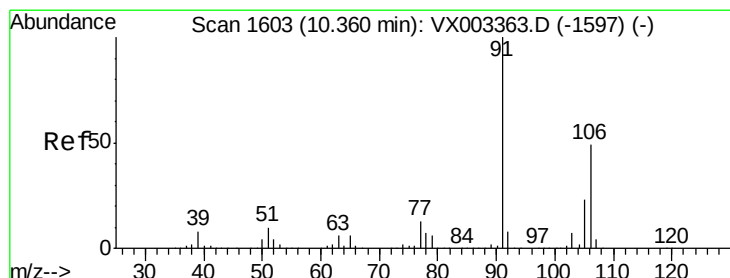
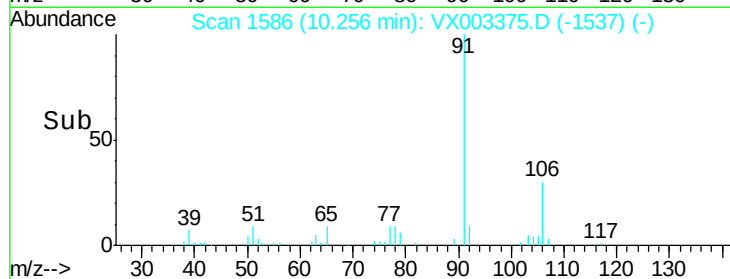
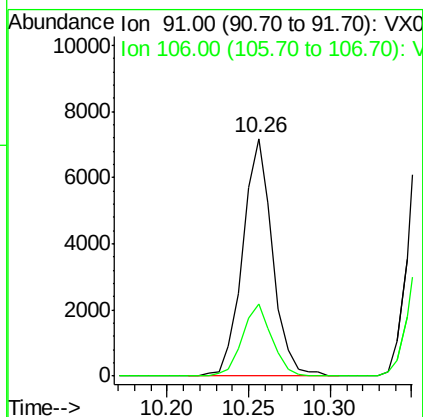
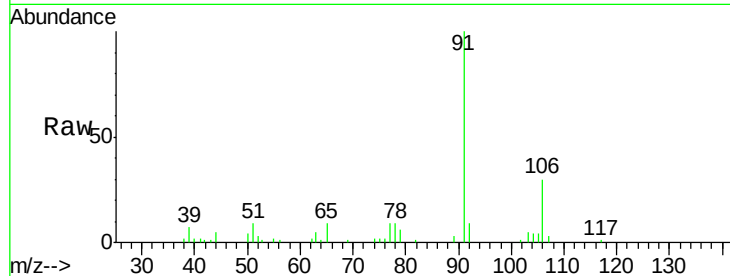




#67
Ethyl Benzene
Concen: 0.57 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

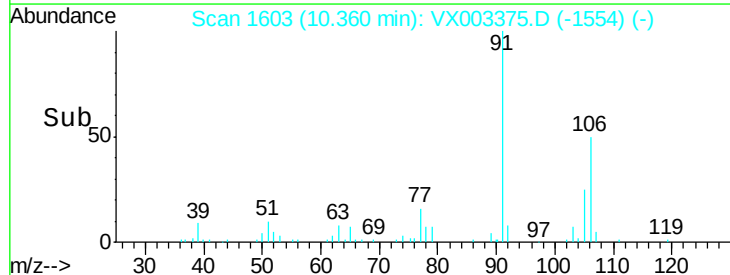
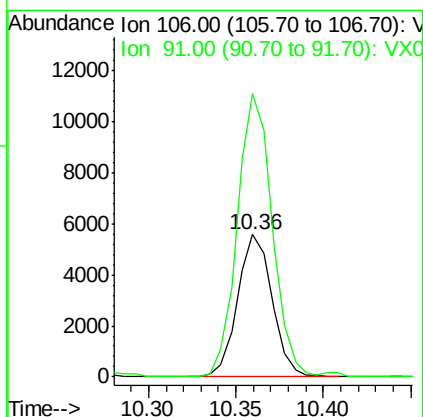
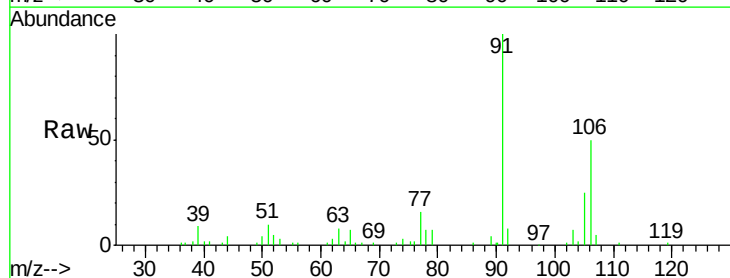
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

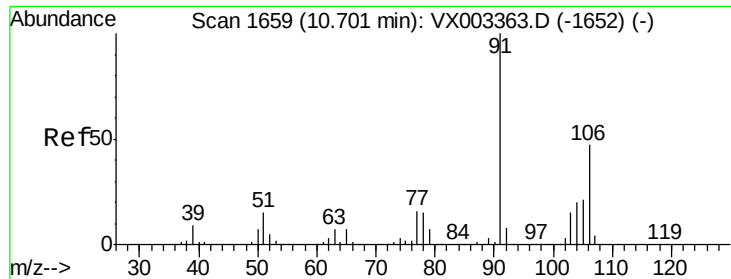
Tot Ion: 91 Resp: 9130
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#68
m/p-Xylenes
Concen: 1.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 106 Resp: 7656
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2

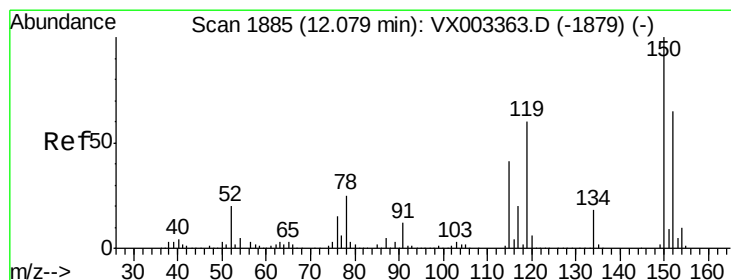
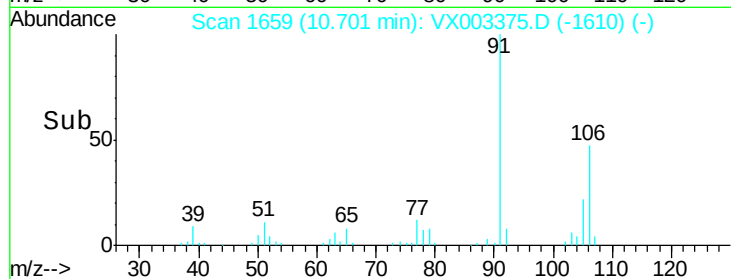
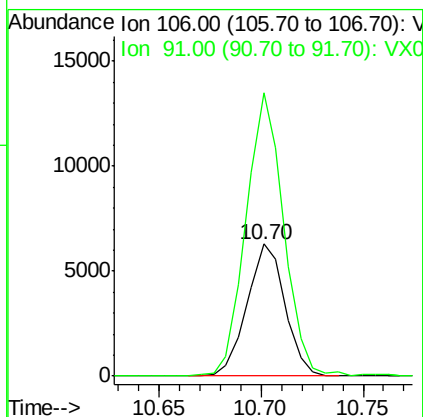
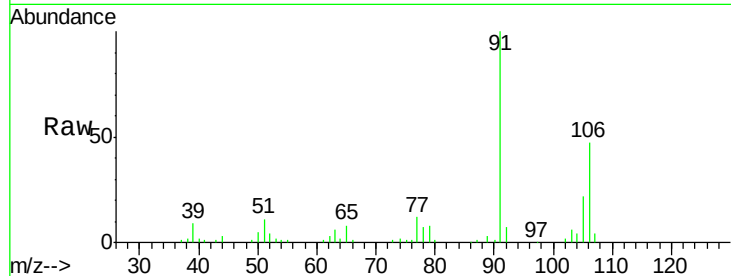




#69
o-Xylene
Concen: 1.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

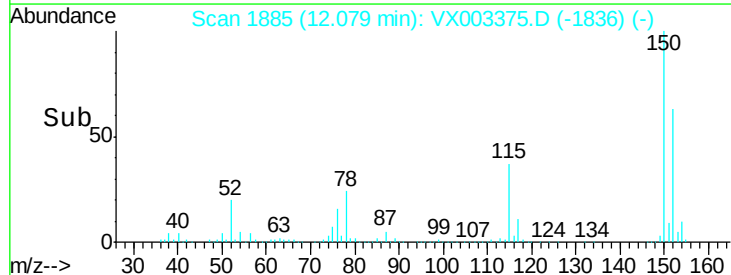
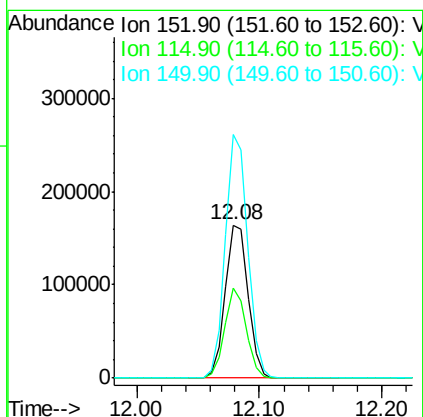
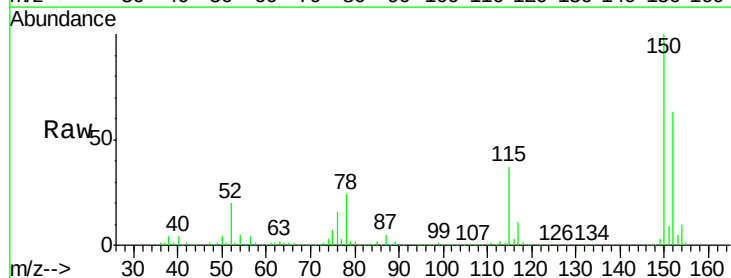
Instrument :
MSVOA_X
ClientSampled :
PAR-5

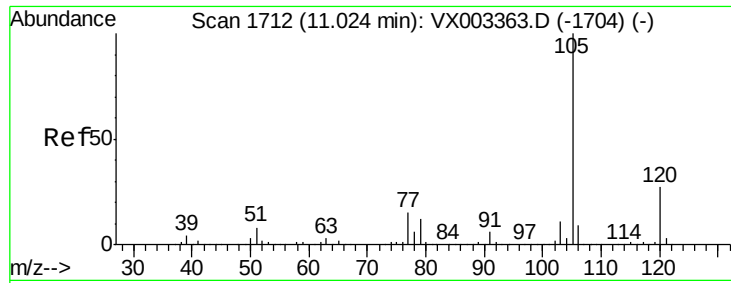
Tot Ion:106 Resp: 8180
Ion Ratio Lower Upper
106 100
91 211.2 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion:152 Resp: 212246
Ion Ratio Lower Upper
152 100
115 55.2 40.1 120.2
150 156.0 0.0 347.2





#73

Isopropylbenzene

Concen: 0.22 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

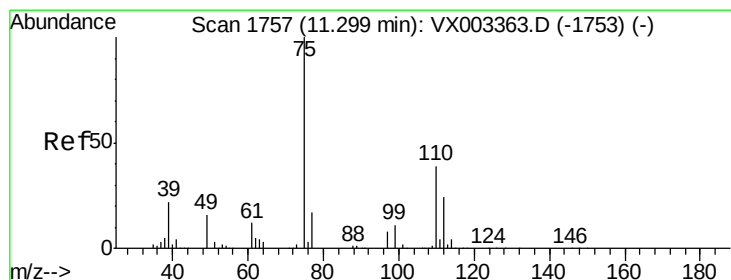
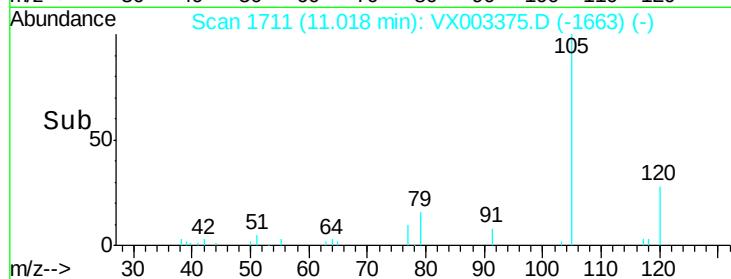
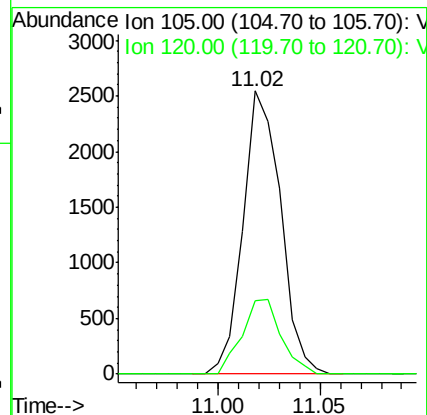
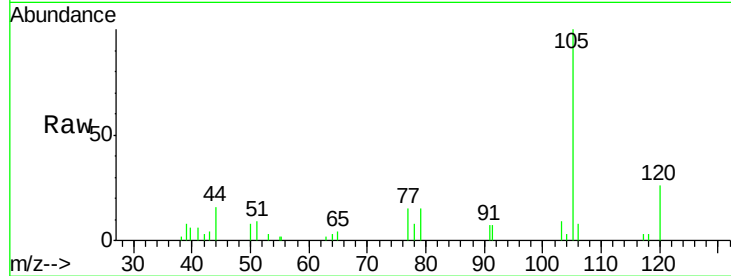
PAR-5

Tot Ion: 105 Resp: 3259

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 23.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003375.D

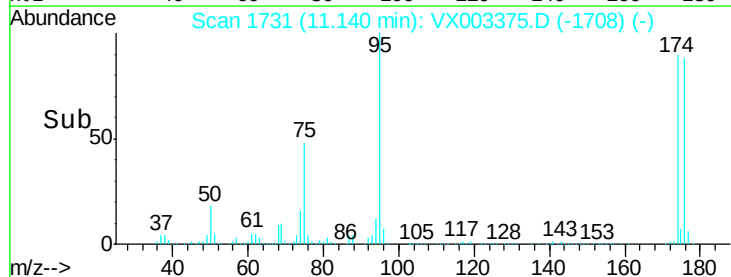
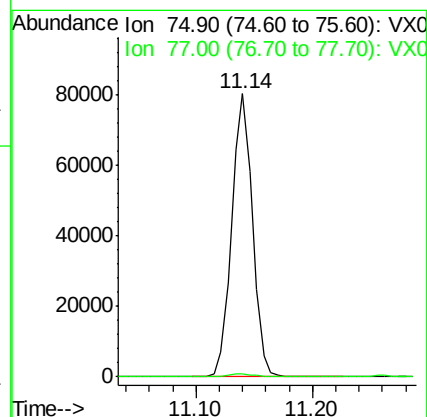
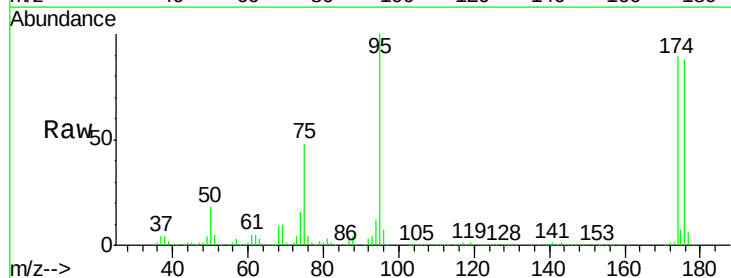
Acq: 13 Jul 2018 21:34

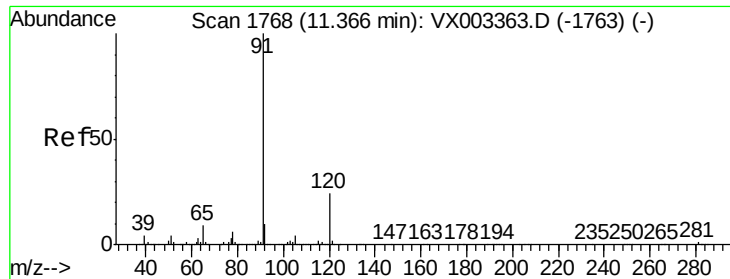
Tgt Ion: 75 Resp: 99178

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#





#78

n-propylbenzene

Concen: 0.33 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampled :

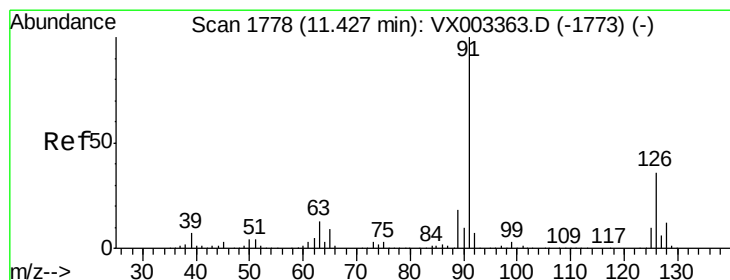
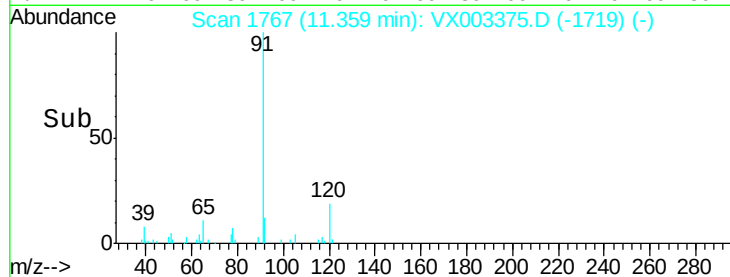
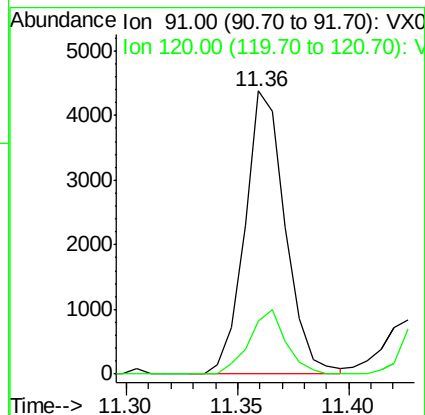
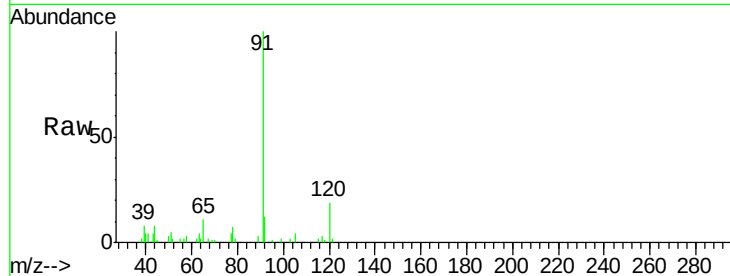
PAR-5

Tot Ion: 91 Resp: 5557

Ion Ratio Lower Upper

91 100

120 20.6 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX003375.D

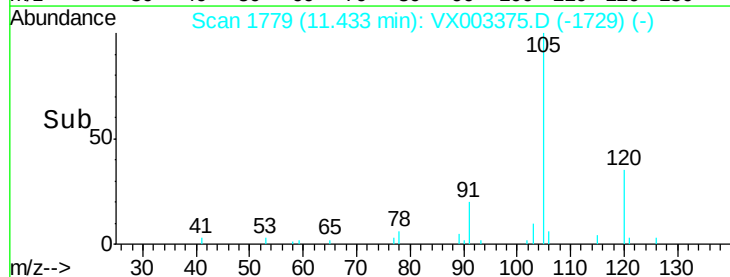
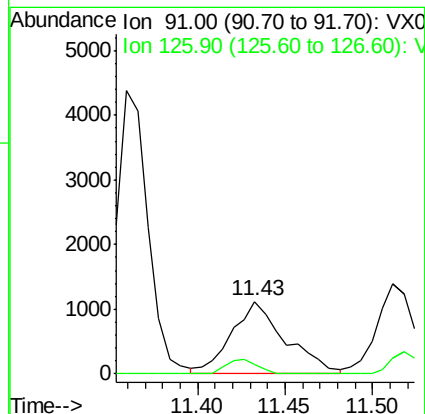
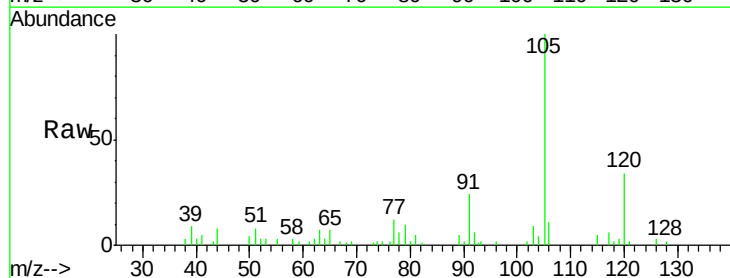
Acq: 13 Jul 2018 21:34

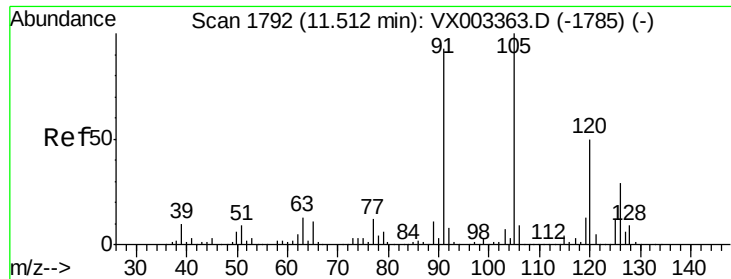
Tgt Ion: 91 Resp: 2404

Ion Ratio Lower Upper

91 100

126 11.4 17.7 53.1#

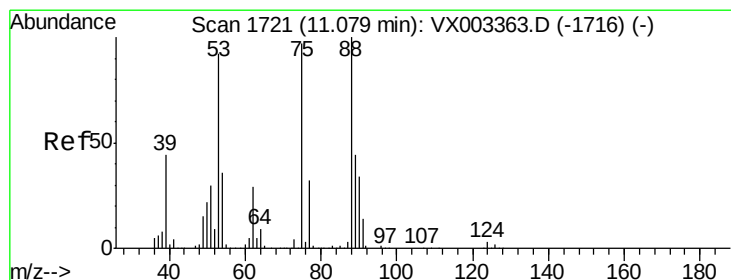
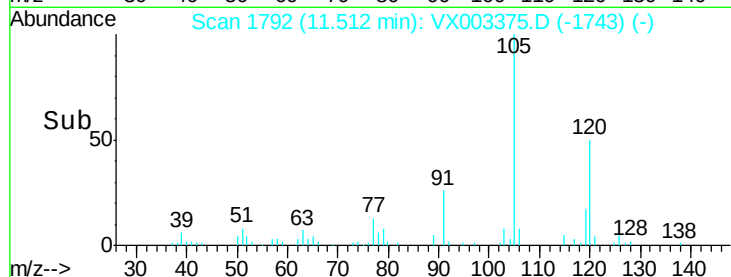
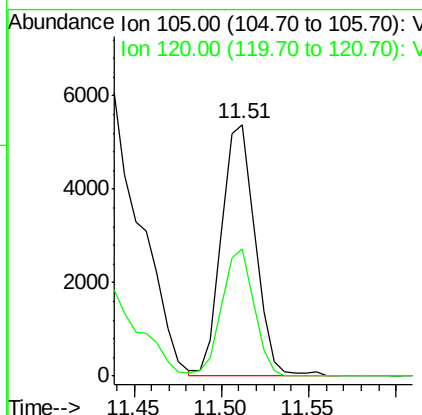
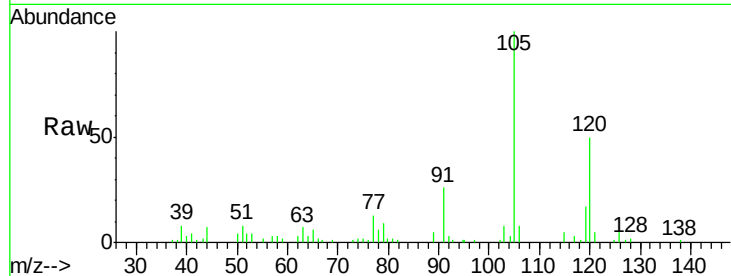




#80
 1,3,5-Trimethylbenzene
 Concen: 0.60 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

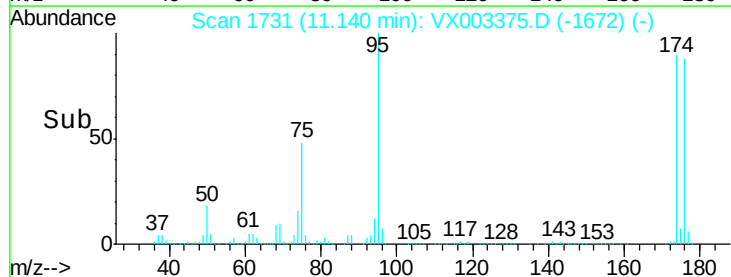
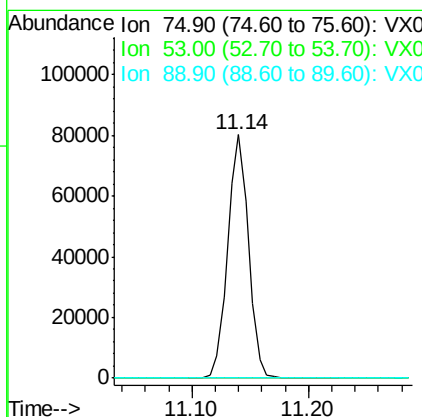
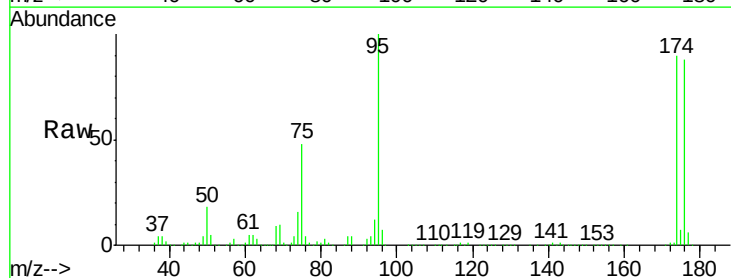
Instrument :
 MSVOA_X
 ClientSampled :
 PAR-5

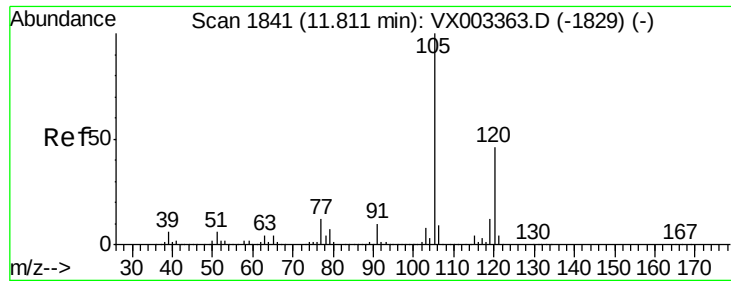
Tot Ion:105 Resp: 7255
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.86 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

Tgt Ion: 75 Resp: 99178
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#

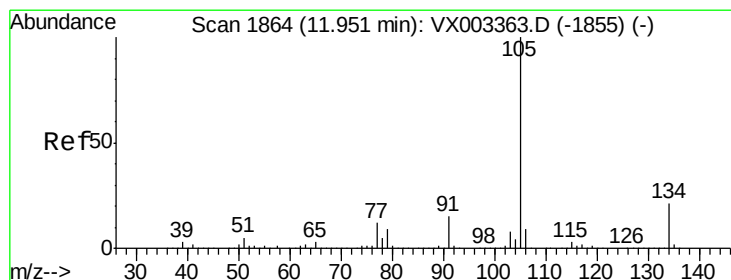
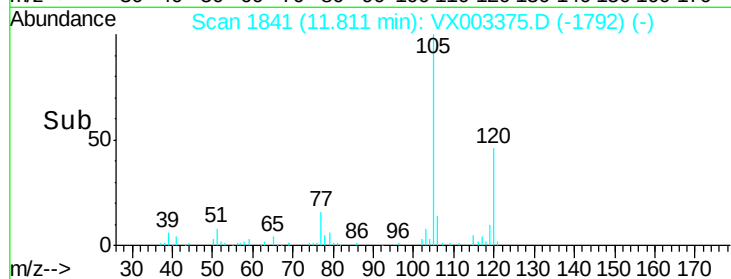
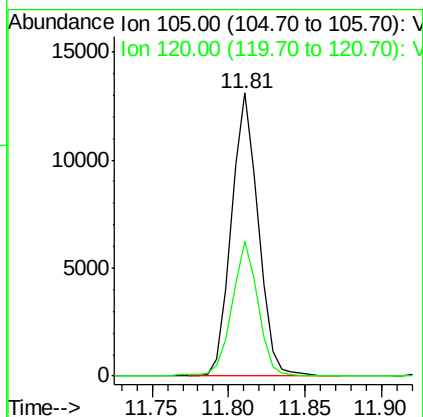
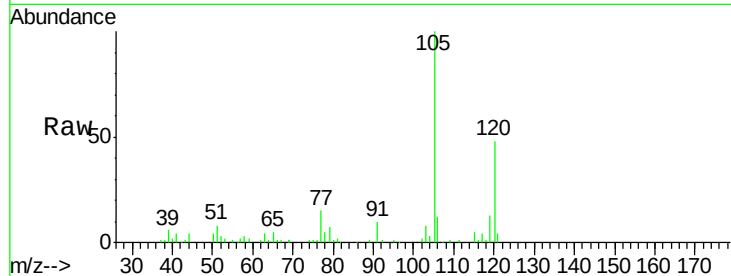




#84
 1,2,4-Trimethylbenzene
 Concen: 1.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

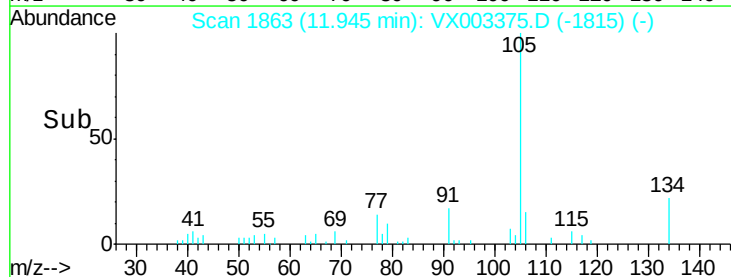
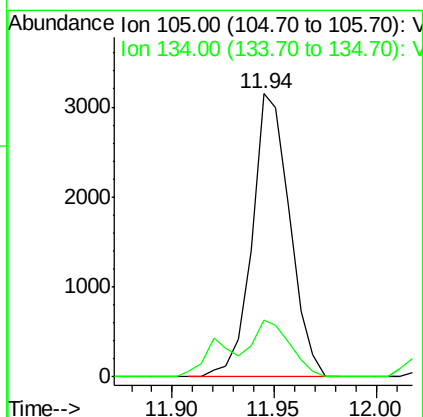
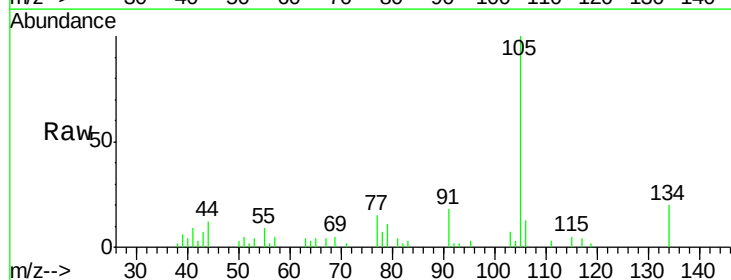
Instrument :
 MSVOA_X
 ClientSampled :
 PAR-5

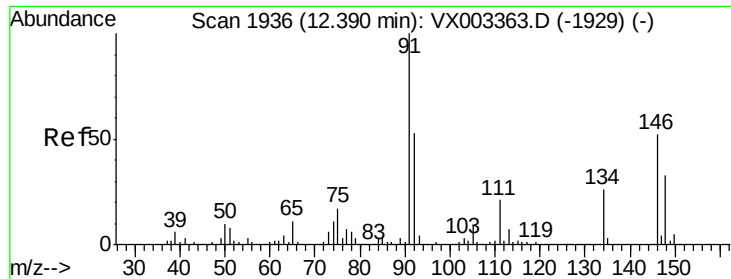
Tot Ion:105 Resp: 15921
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 0.28 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

Tgt Ion:105 Resp: 4045
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

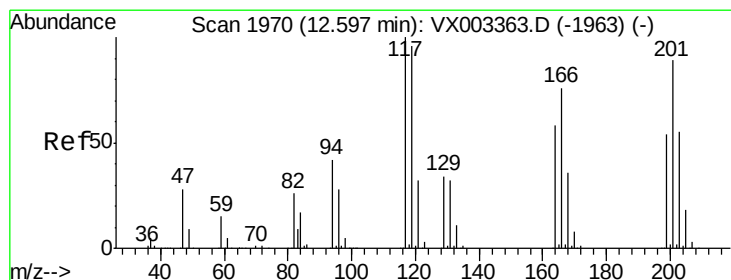
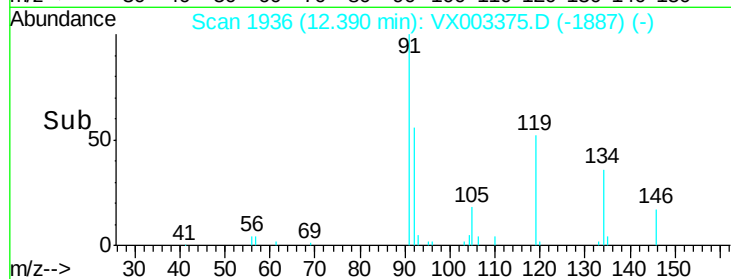
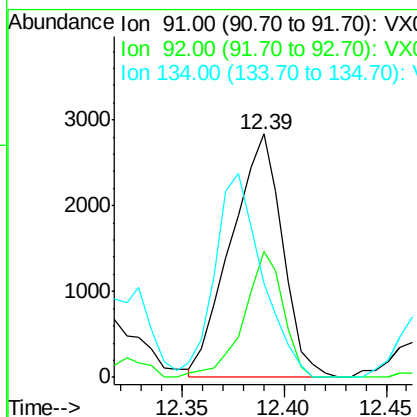
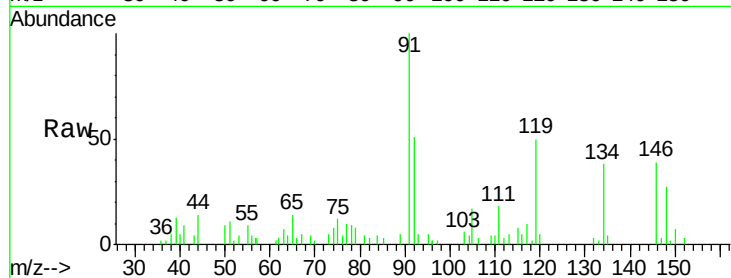




#89
n-Butylbenzene
Concen: 0.45 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

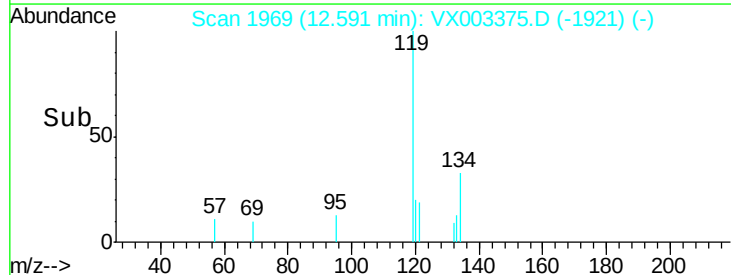
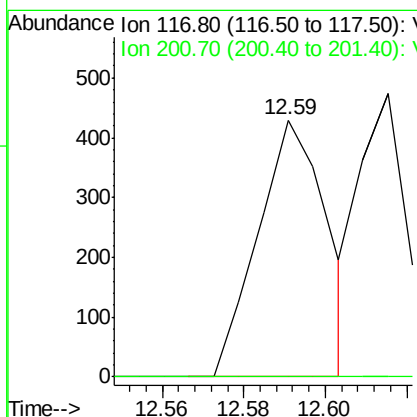
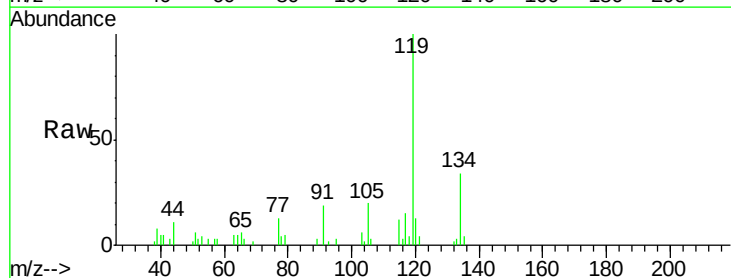
Instrument :
MSVOA_X
ClientSampled :
PAR-5

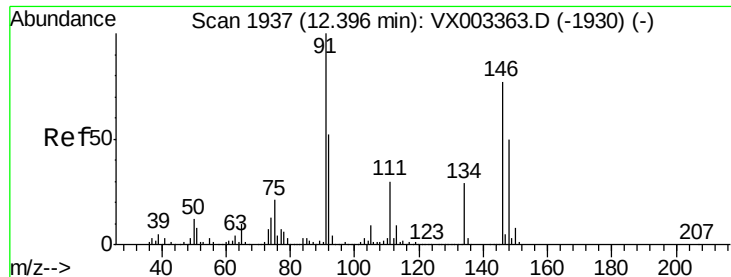
Tot Ion: 91 Resp: 4949
Ion Ratio Lower Upper
91 100
92 39.8 26.0 78.0
134 77.2 13.5 40.5#



#90
Hexachloroethane
Concen: 0.26 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 117 Resp: 504
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#91

1,2-Dichlorobenzene

Concen: 0.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

PAR-5

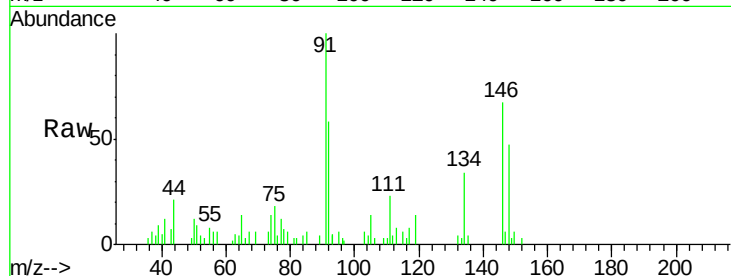
Tot Ion:146 Resp: 1750

Ion Ratio Lower Upper

146 100

111 44.1 19.4 58.1

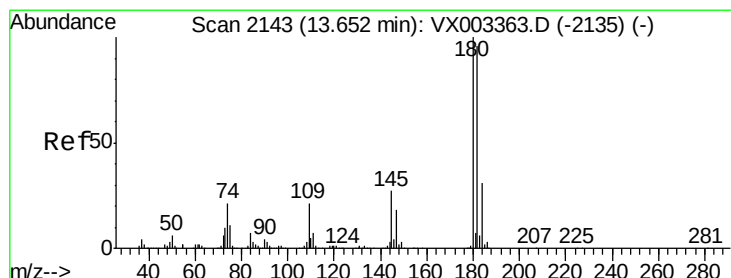
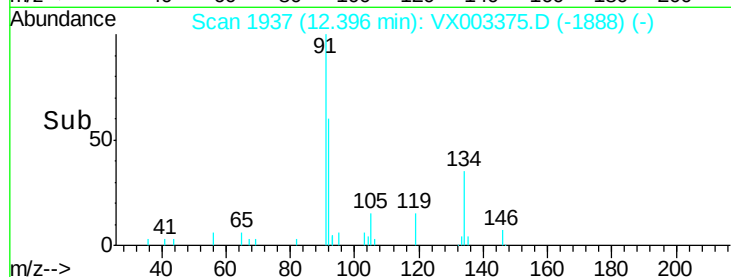
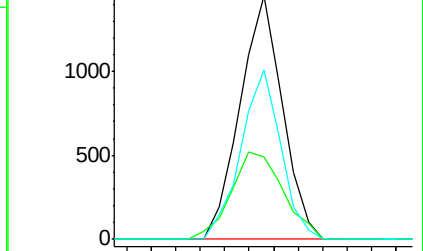
148 65.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.46 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

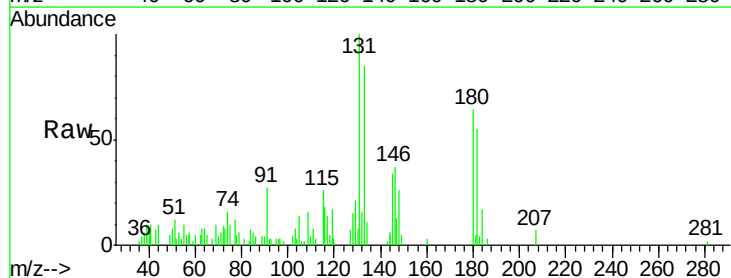
Tgt Ion:180 Resp: 2423

Ion Ratio Lower Upper

180 100

182 86.8 47.7 143.1

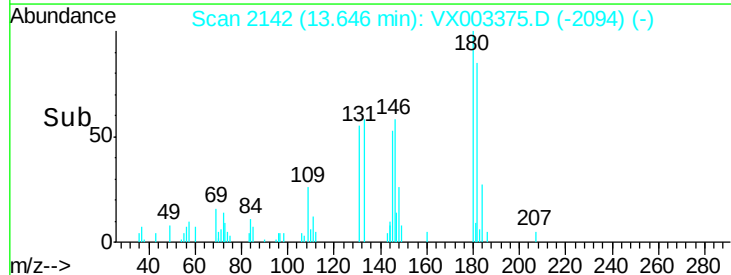
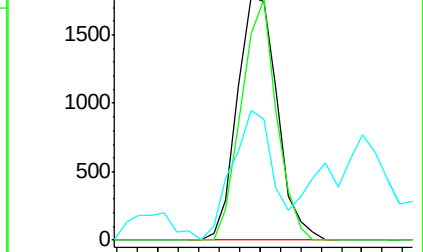
145 55.1 14.1 42.4#

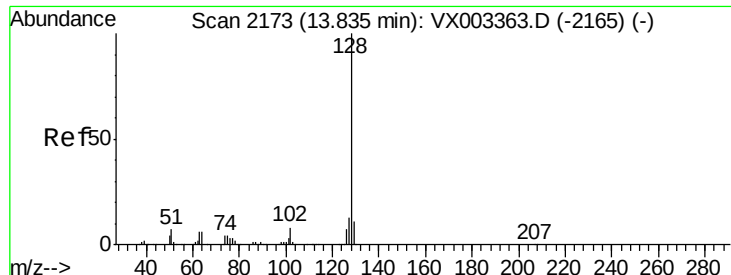


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

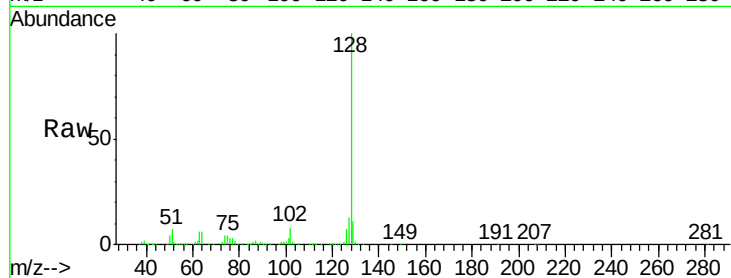




#95
Naphthalene
Concen: 9.67 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
PAR-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

