

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007427.D
 Acq On : 07 Feb 2019 16:02
 Operator : JC/SP
 Sample : K1401-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 22:10:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	532521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	824291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	799232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	285949	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	260084	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1007406	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	366325	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	252	0.216	ug/l #	43
3) Chloromethane	1.33	50	1327	0.221	ug/l #	85
5) Bromomethane	1.62	94	864	Below Cal	#	54
11) Tert butyl alcohol	3.07	59	967	0.827	ug/l #	90
13) Acrolein	2.29	56	635	1.158	ug/l #	64
16) Acetone	2.45	43	40930	15.808	ug/l	97
17) Carbon Disulfide	2.58	76	1998	2.265	ug/l #	76
18) Methyl Acetate	2.78	43	14576	2.728	ug/l	92
20) Methylene Chloride	2.86	84	238362	45.032	ug/l	97
25) 2-Butanone	4.70	43	13085	3.551	ug/l	99
29) Tetrahydrofuran	5.17	42	3890	1.679	ug/l	94
30) Chloroform	5.21	83	1881	0.206	ug/l #	67
36) 1,1-Dichloropropene	5.66	75	33826	4.574	ug/l #	49
38) Carbon Tetrachloride	5.66	117	46509	6.482	ug/l #	17
40) Benzene	6.15	78	23251	1.067	ug/l	95
43) Isopropyl Acetate	6.46	43	21558	1.868	ug/l	98
48) Methyl methacrylate	7.68	41	12740	2.207	ug/l #	13
49) 1,4-Dioxane	7.75	88	132	7.877	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	110680	14.570	ug/l #	53
52) Toluene	8.79	92	7996	0.569	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	52779	6.645	ug/l #	65
59) 2-Hexanone	9.54	43	163533	27.664	ug/l #	51
64) Tetrachloroethene	9.34	164	2393	0.318	ug/l	95
67) Ethyl Benzene	10.25	91	213311	7.595	ug/l	98
68) m/p-Xylenes	10.35	106	433318	38.812	ug/l	99
69) o-Xylene	10.70	106	200707	18.682	ug/l	98
70) Styrene	10.70	104	11599	0.666	ug/l #	1
73) Isopropylbenzene	11.02	105	10930	0.399	ug/l	97
76) 1,2,3-Trichloropropane	11.43	75	5640	0.718	ug/l #	1
78) n-propylbenzene	11.36	91	70602	2.348	ug/l	100
79) 2-Chlorotoluene	11.43	91	75913	4.160	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	295159	13.154	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	174807	67.234	ug/l #	9
82) 4-Chlorotoluene	11.51	91	30326	1.436	ug/l #	42

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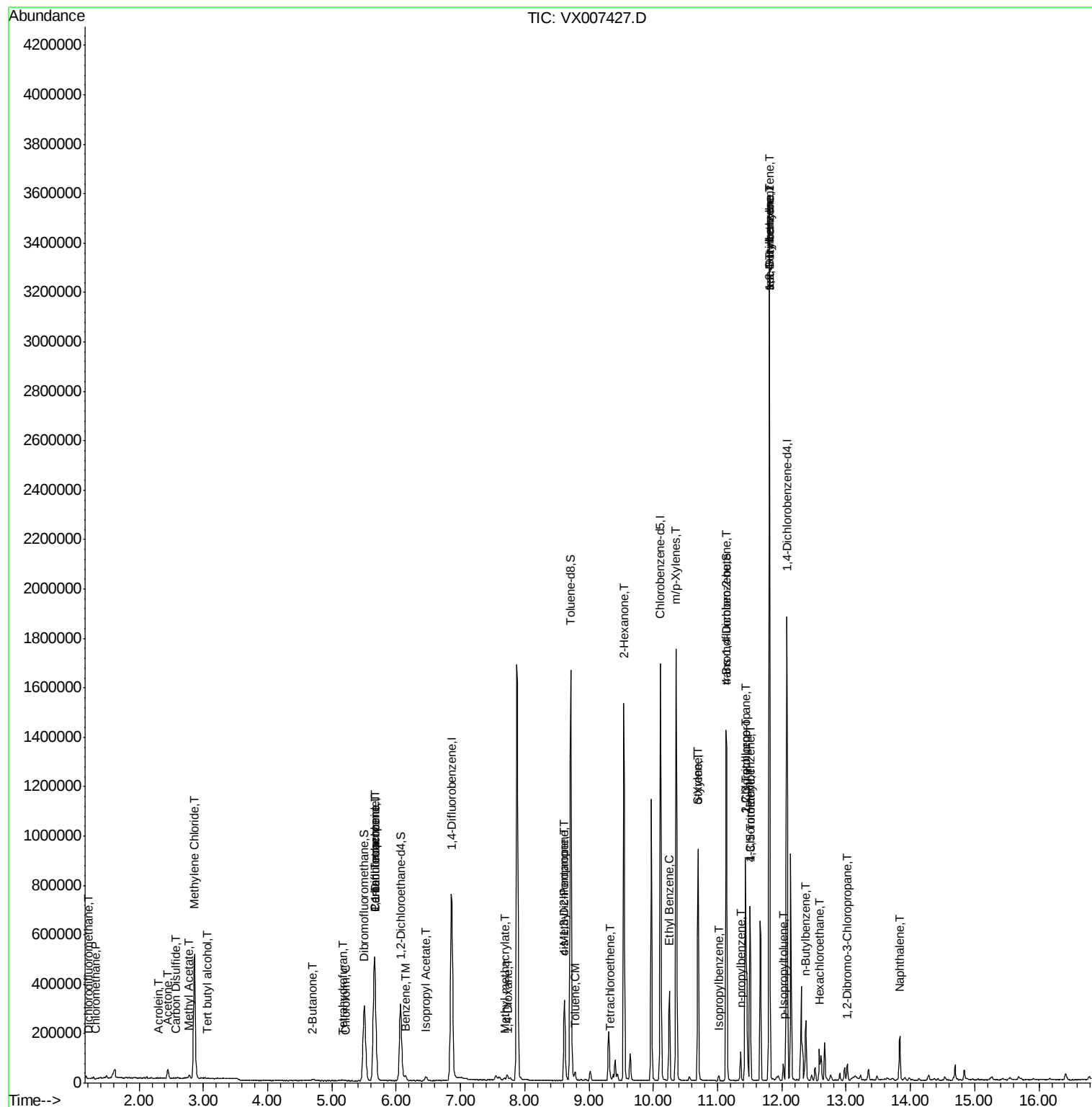
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.80	119	188587	8.489	uq/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	1534205	67.349	uq/l	99
85) sec-Butylbenzene	11.80	105	1534205	57.061	uq/l #	55
86) p-Isopropyltoluene	12.02	119	25184	1.038	uq/l	95
89) n-Butylbenzene	12.37	91	24648	1.181	uq/l #	1
90) Hexachloroethane	12.58	117	5872	1.617	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	617	0.355	uq/l #	1
95) Naphthalene	13.83	128	114147	4.194	uq/l	99

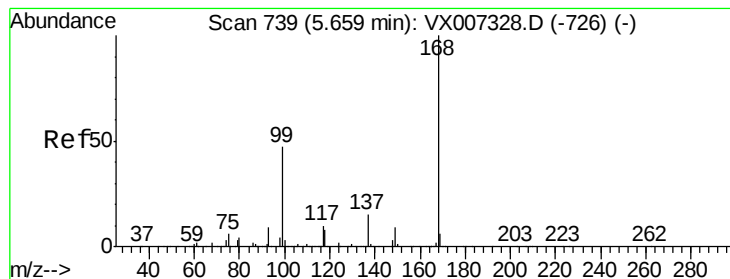
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

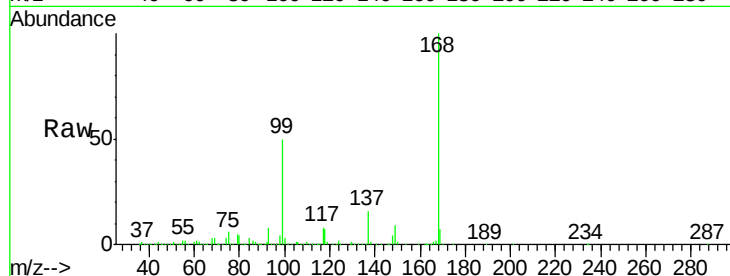
ClientSampleId :

Tot Ion:168 Resp: 532521

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

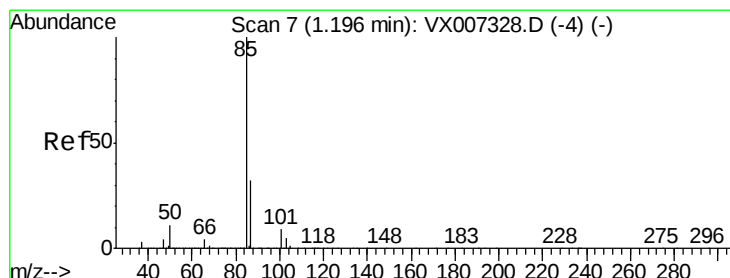
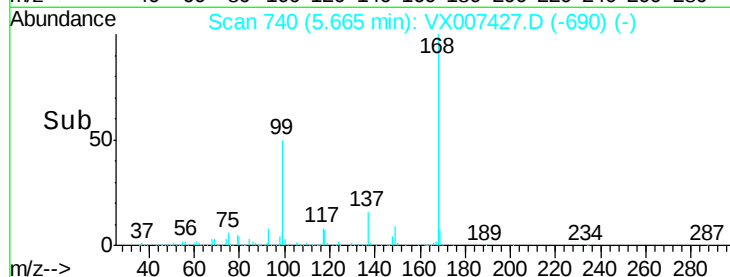
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.216 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.02 min

Lab File: VX007427.D

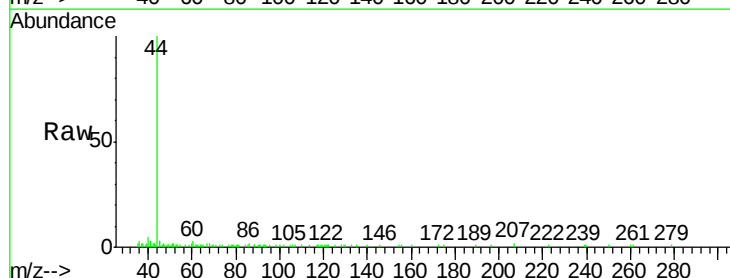
Acq: 07 Feb 2019 16:02

Tgt Ion: 85 Resp: 252

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

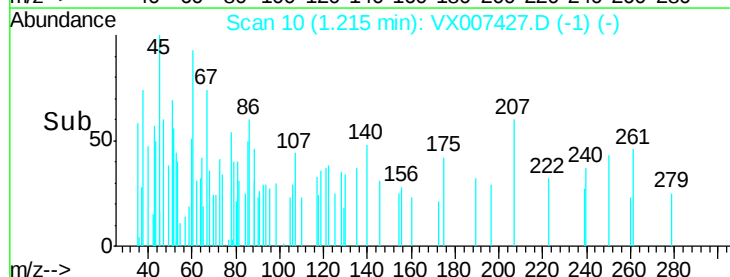
150

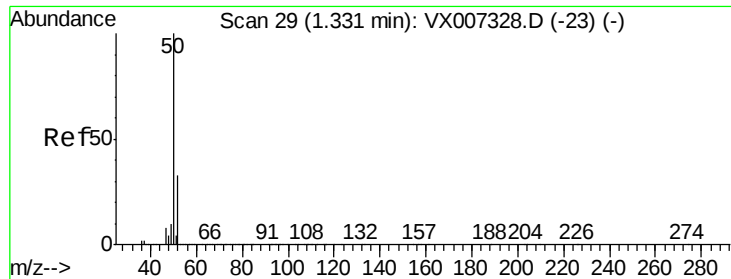
100

50

0

Time--> 1.20 1.25





#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

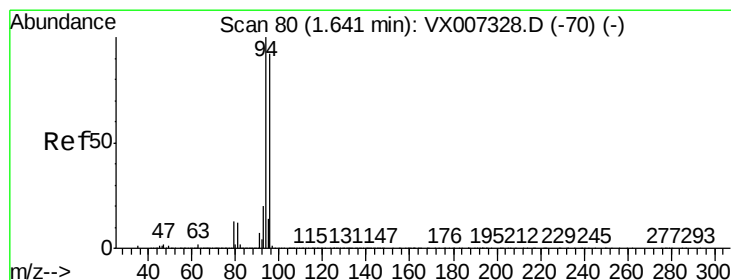
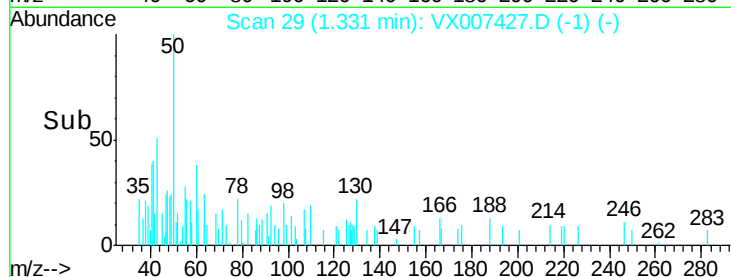
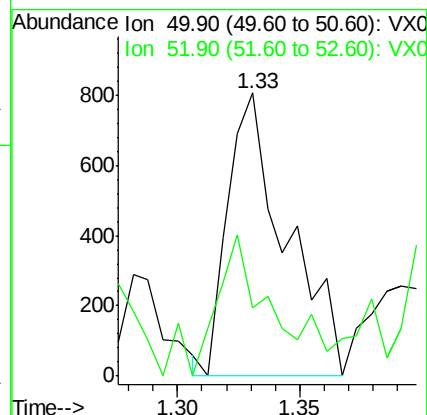
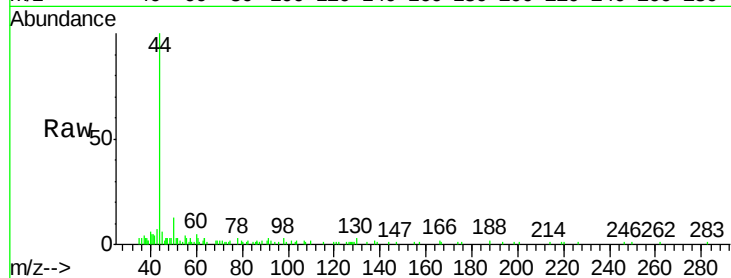
ClientSampleId :

Tot Ion: 50 Resp: 1327

Ion Ratio Lower Upper

50 100

52 24.2 26.1 39.1#



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 76

Delta R.T. -0.02 min

Lab File: VX007427.D

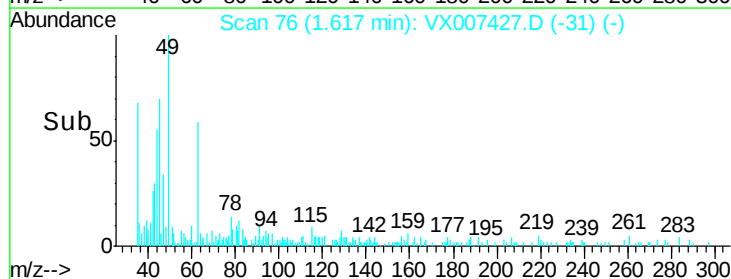
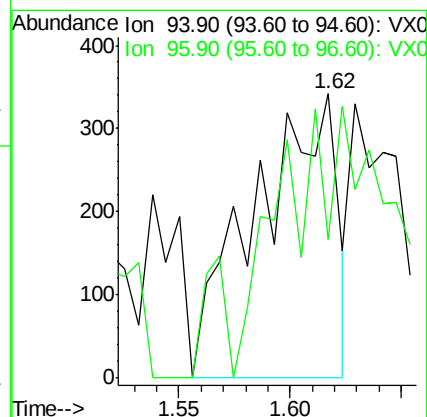
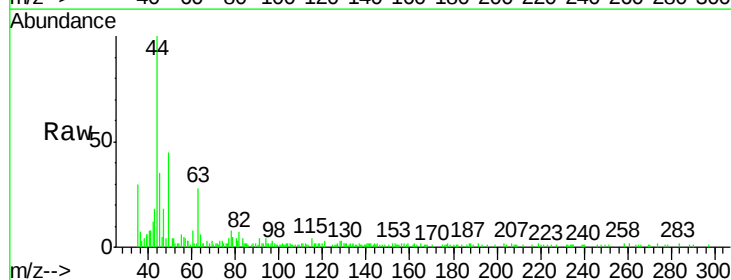
Acq: 07 Feb 2019 16:02

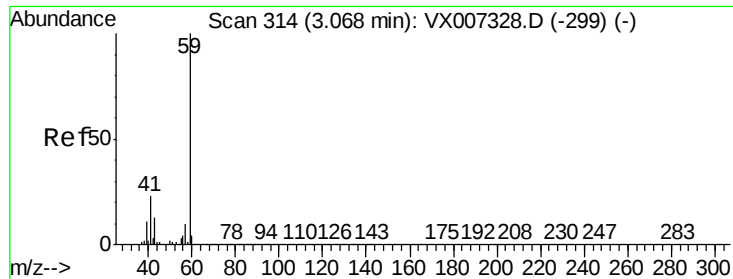
Tgt Ion: 94 Resp: 864

Ion Ratio Lower Upper

94 100

96 48.5 73.9 110.9#

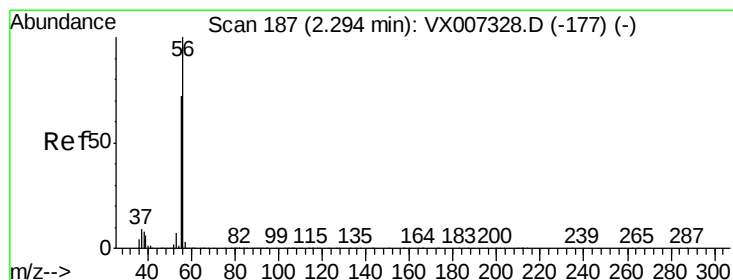
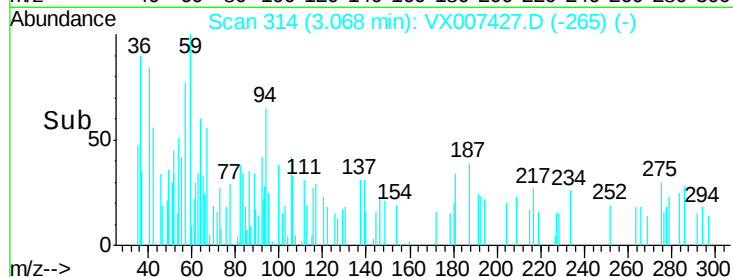
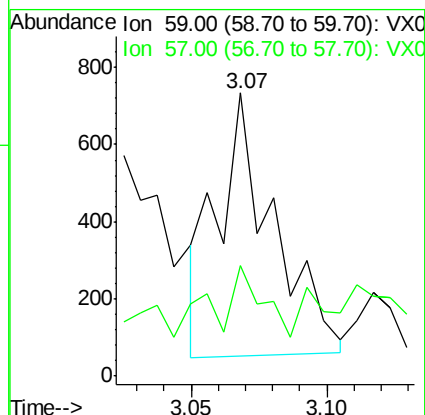
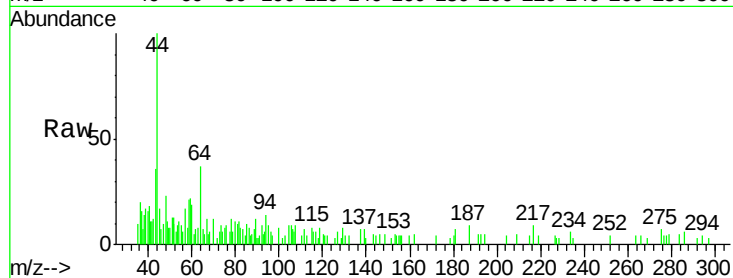




#11
Tert butyl alcohol
Concen: 0.827 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

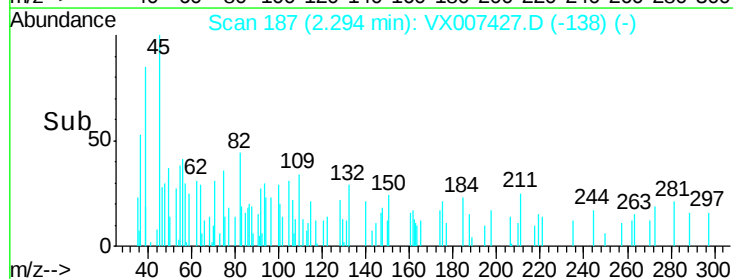
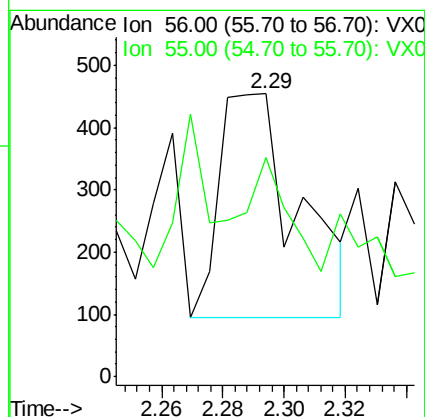
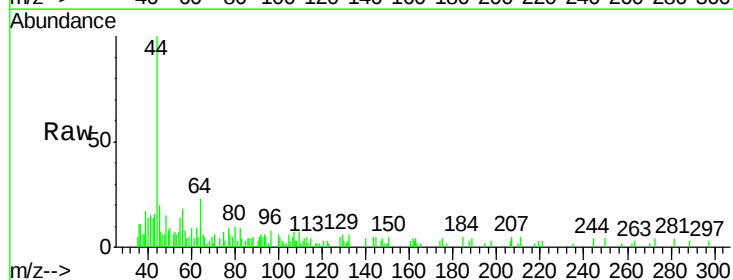
Instrument :
MSVOA_X
ClientSampled :

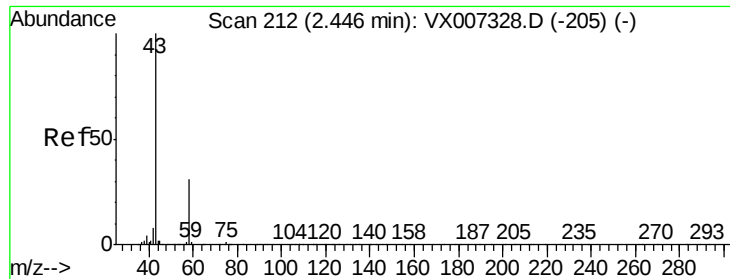
Tot Ion: 59 Resp: 967
Ion Ratio Lower Upper
59 100
57 14.0 8.1 12.1#



#13
Acrolein
Concen: 1.158 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 56 Resp: 635
Ion Ratio Lower Upper
56 100
55 41.3 56.9 85.3#





#16

Acetone

Concen: 15.808 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

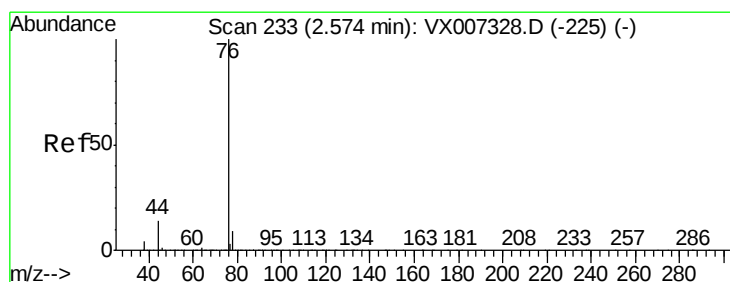
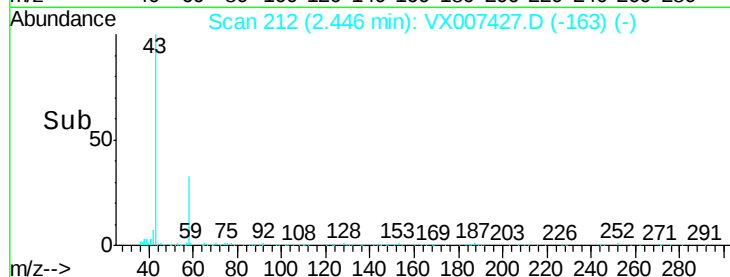
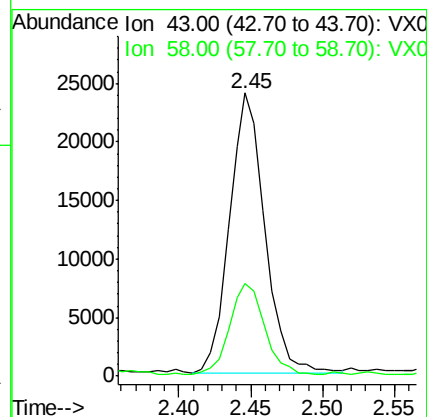
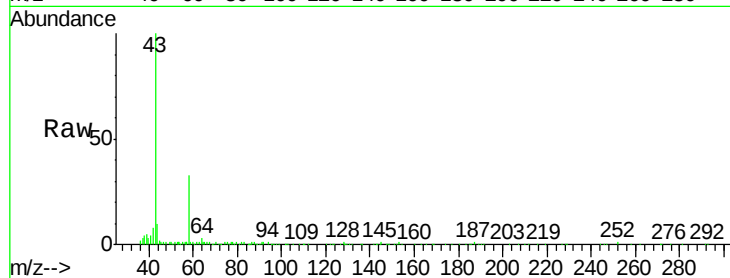
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 40930

Ion Ratio Lower Upper

43 100

58 32.7 24.9 37.3



#17

Carbon Disulfide

Concen: 2.265 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007427.D

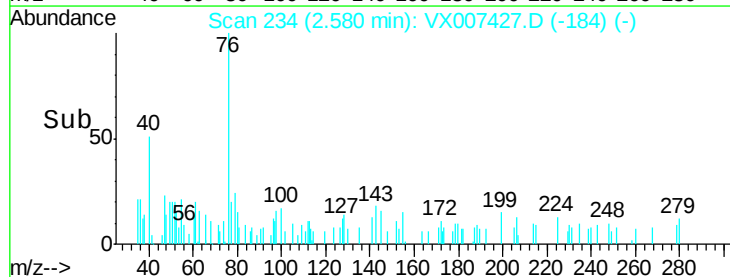
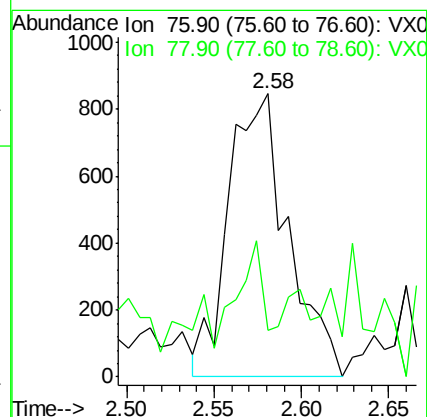
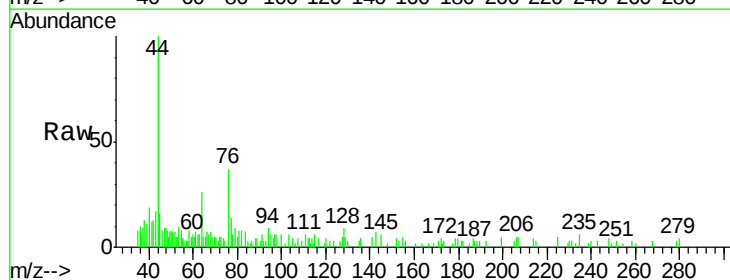
Acq: 07 Feb 2019 16:02

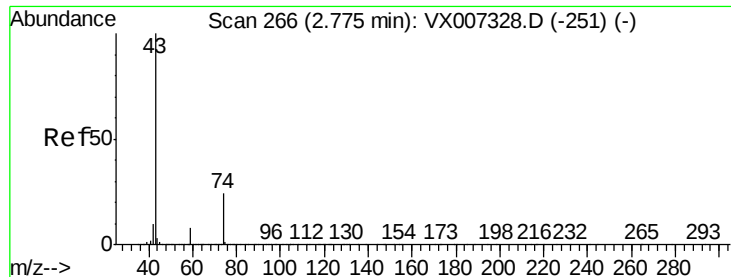
Tgt Ion: 76 Resp: 1998

Ion Ratio Lower Upper

76 100

78 0.2 7.1 10.7#

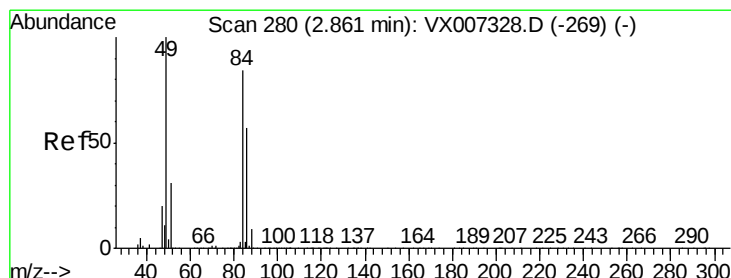
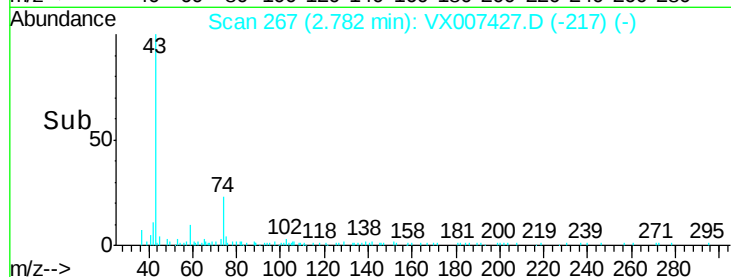
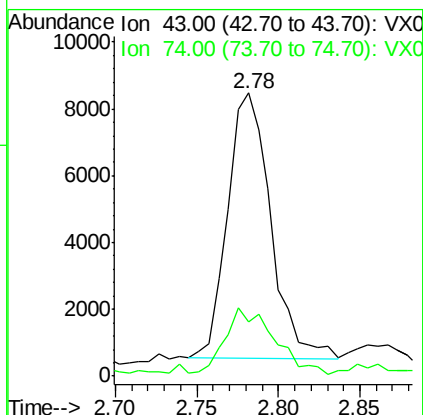
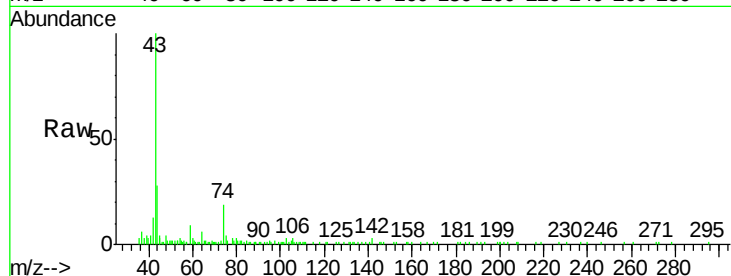




#18
Methyl Acetate
Concen: 2.728 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

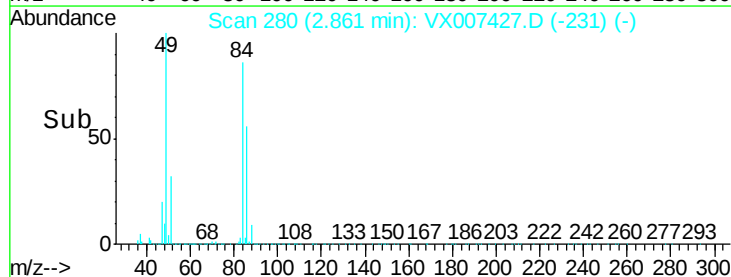
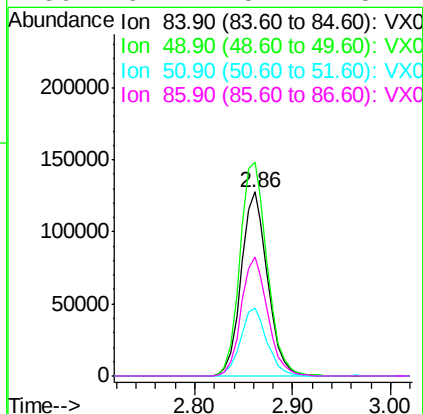
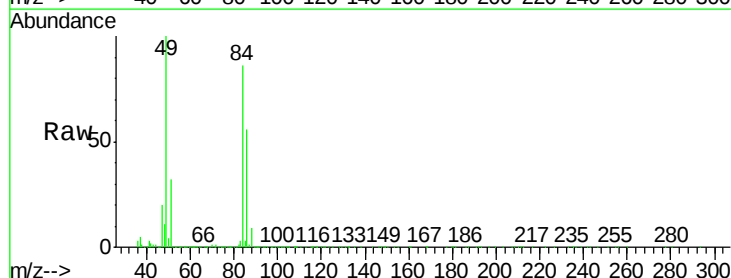
Instrument :
MSVOA_X
ClientSampleId :

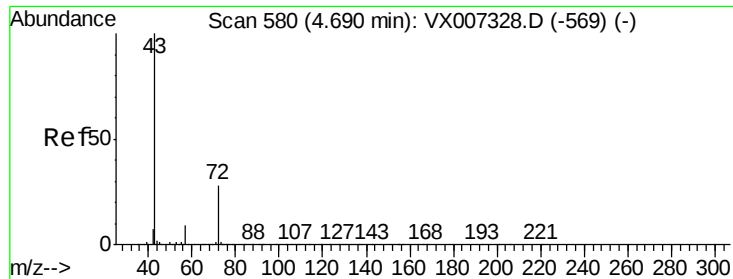
Tot Ion: 43 Resp: 14576
Ion Ratio Lower Upper
43 100
74 28.2 19.4 29.2



#20
Methylene Chloride
Concen: 45.032 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 84 Resp: 238362
Ion Ratio Lower Upper
84 100
49 115.8 94.8 142.2
51 36.7 29.8 44.8
86 64.4 54.1 81.1





#25

2-Butanone

Concen: 3.551 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

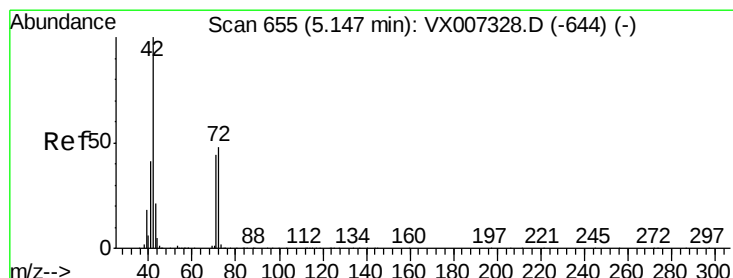
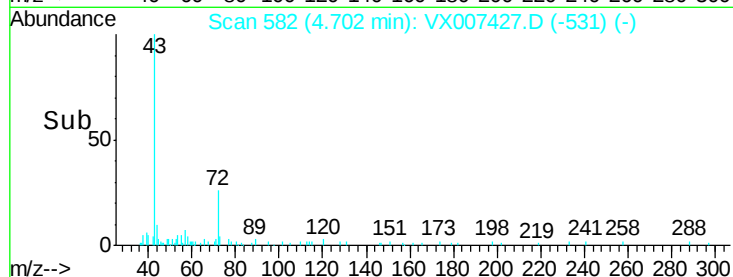
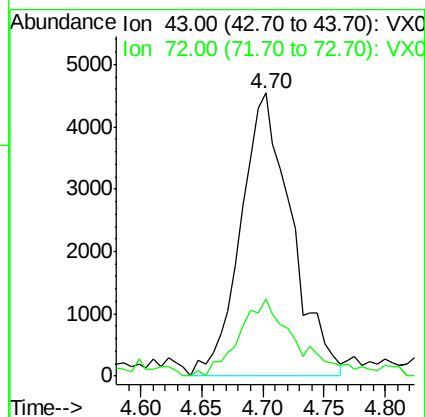
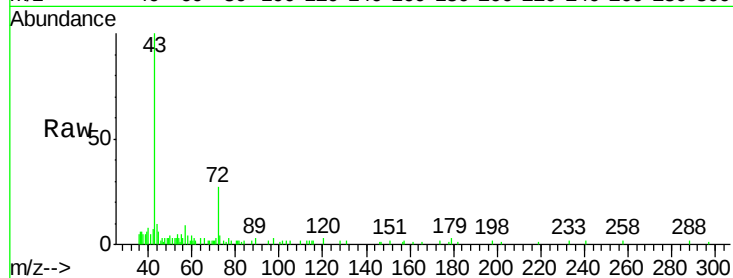
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 13085

Ion Ratio Lower Upper

43 100

72 27.3 22.2 33.2



#29

Tetrahydrofuran

Concen: 1.679 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

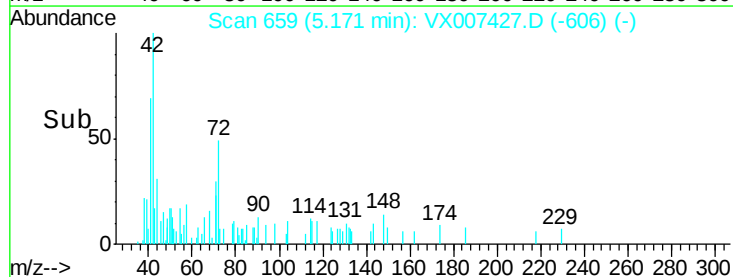
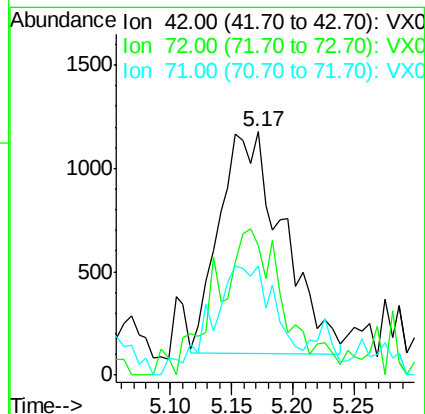
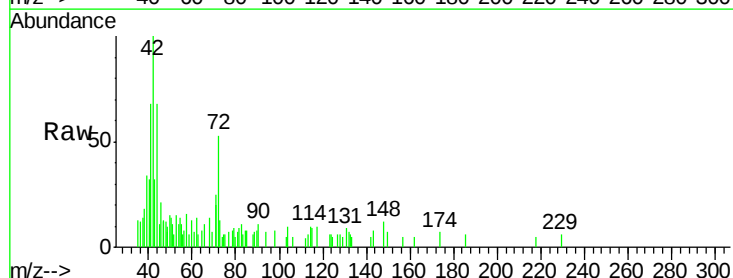
Tgt Ion: 42 Resp: 3890

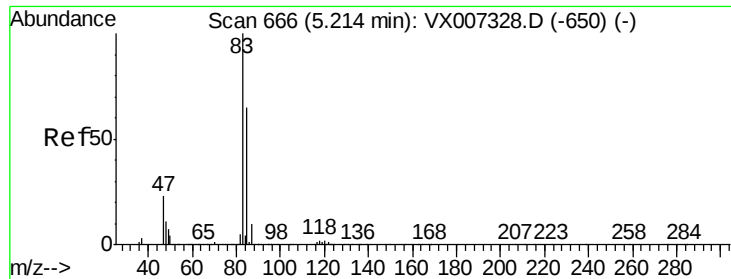
Ion Ratio Lower Upper

42 100

72 47.6 37.6 56.4

71 50.1 34.6 51.8

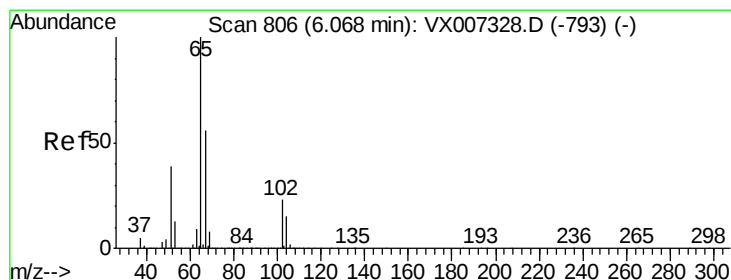
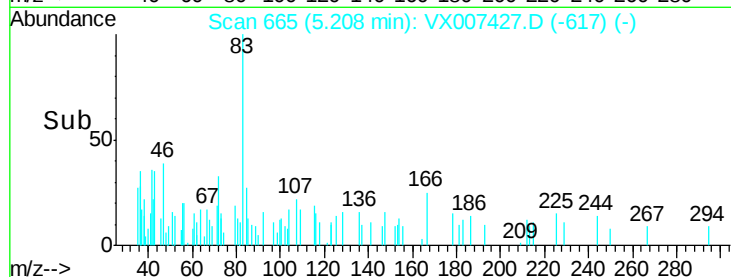
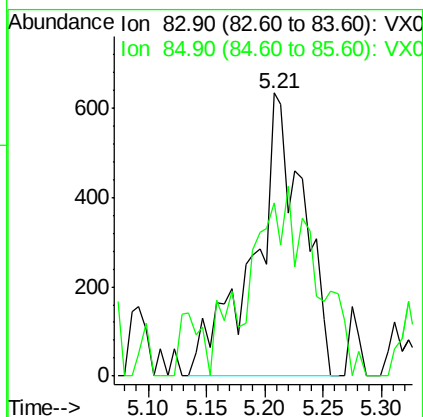
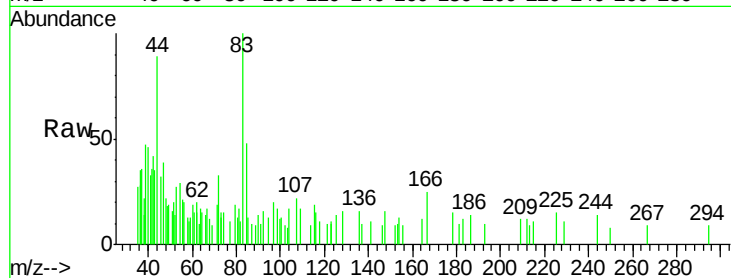




#30
Chloroform
Concen: 0.206 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

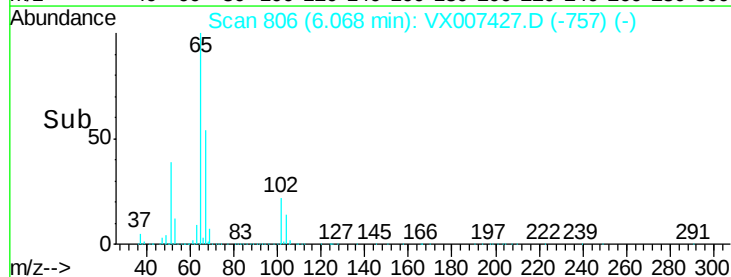
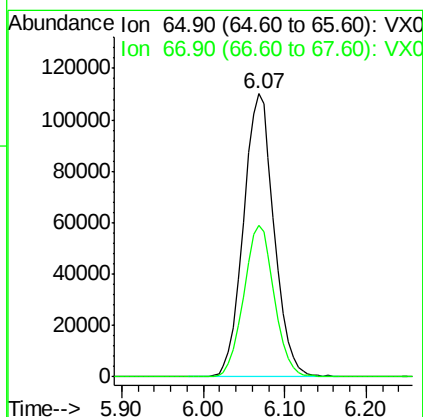
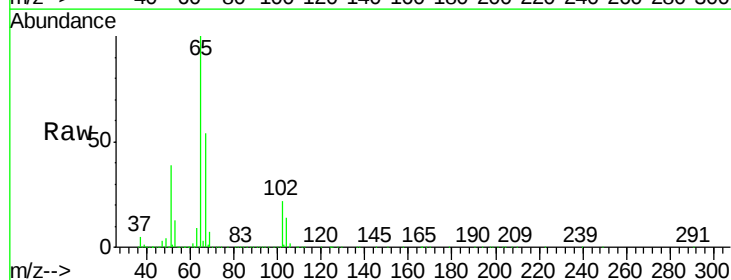
Instrument :
MSVOA_X
ClientSampleId :

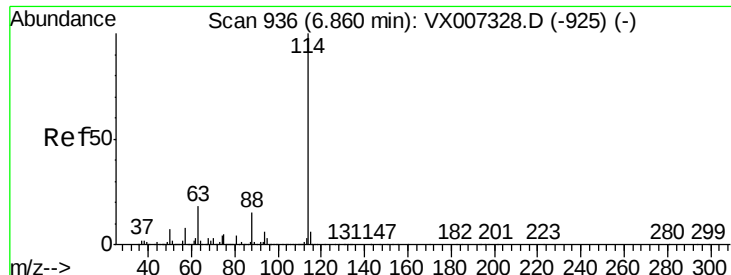
Tot Ion: 83 Resp: 1881
Ion Ratio Lower Upper
83 100
85 38.9 51.6 77.4#



#33
1,2-Dichloroethane-d4
Concen: 50.590 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 65 Resp: 285949
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

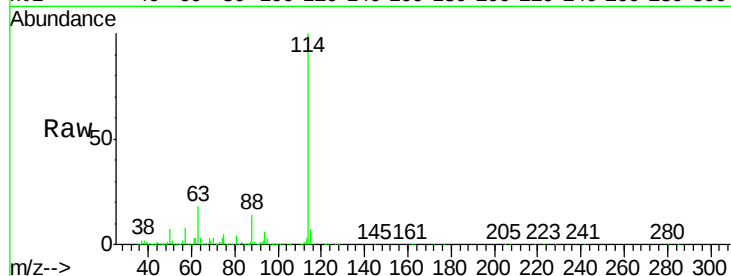
Tot Ion:114 Resp: 824291

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

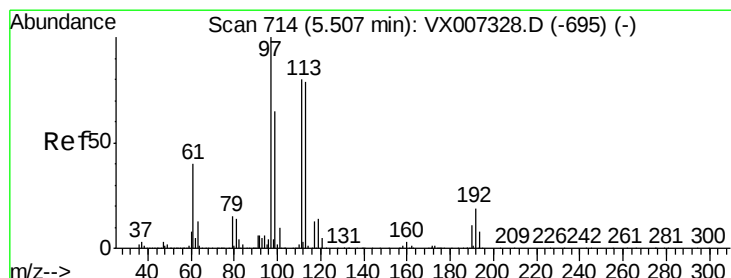
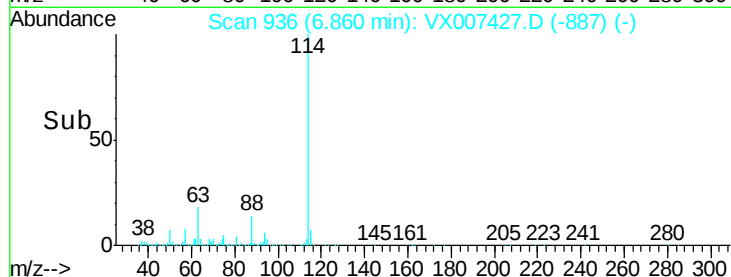
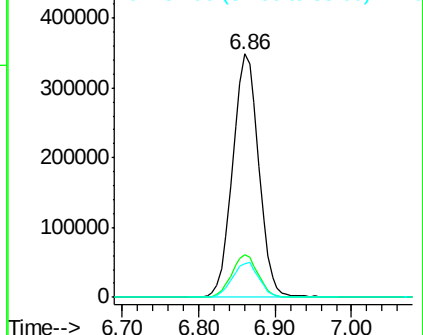
88 13.6 0.0 29.6



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: 48.493 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

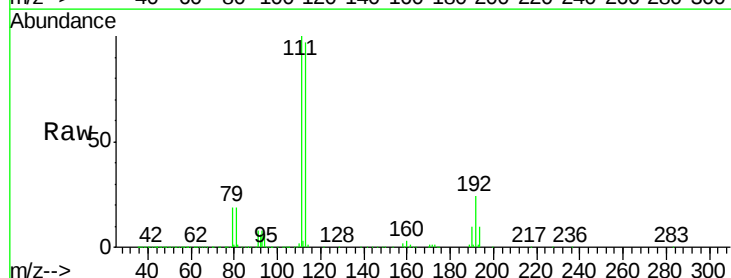
Tgt Ion:113 Resp: 260084

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

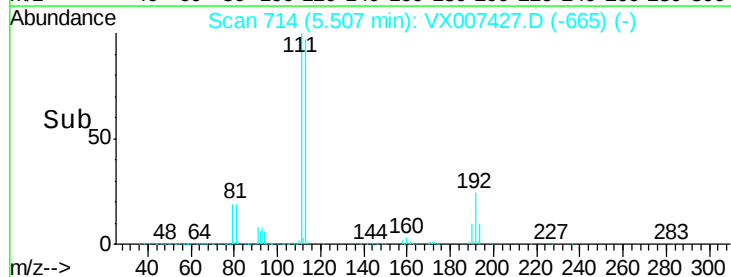
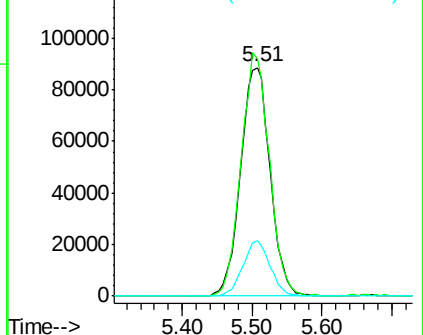
192 22.3 18.5 27.7

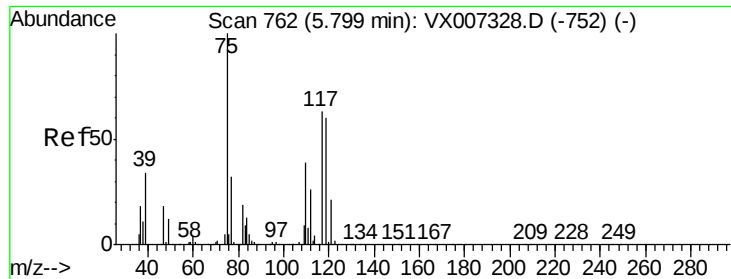


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.574 ug/l

RT: 5.66 min Scan# 739

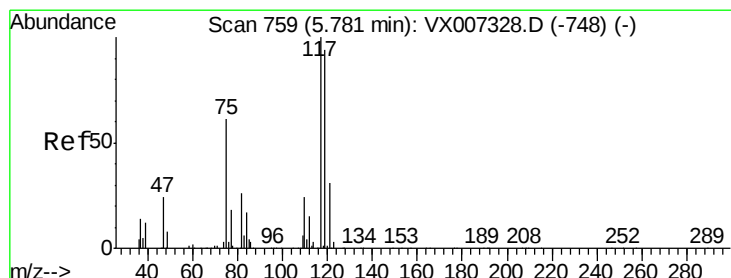
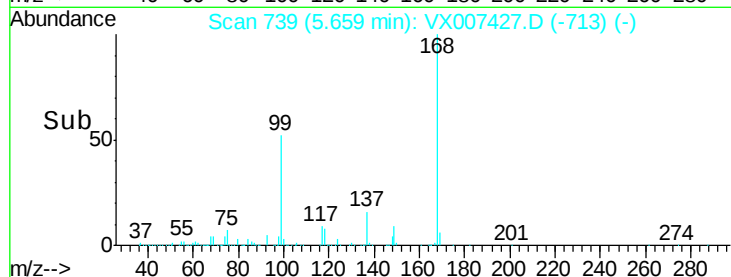
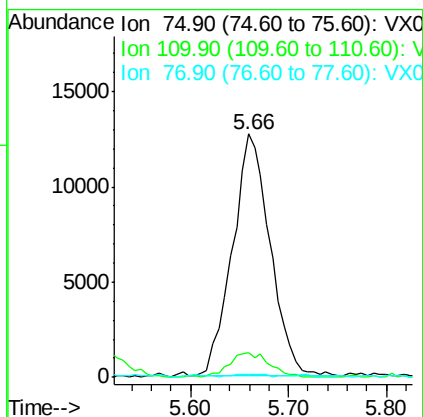
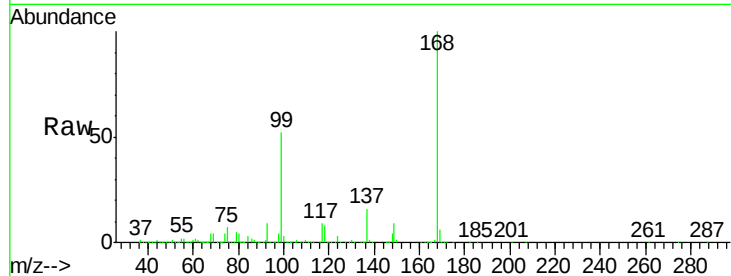
Delta R.T. -0.14 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.0	59.9#
77	0.7	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.482 ug/l

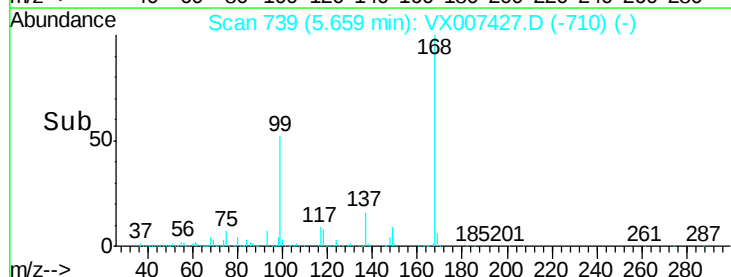
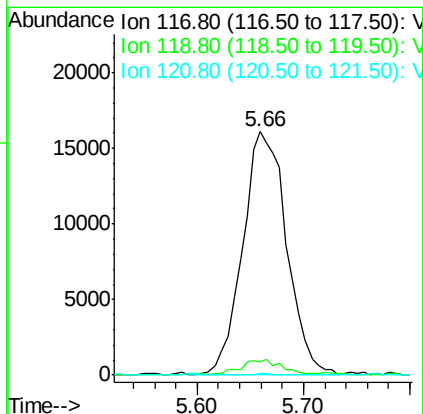
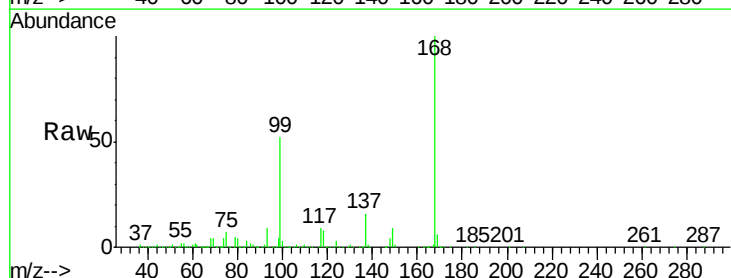
RT: 5.66 min Scan# 739

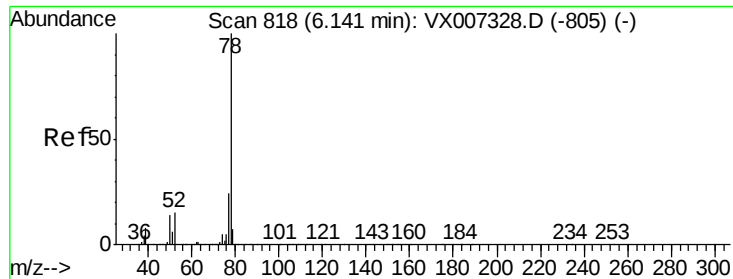
Delta R.T. -0.12 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.3	112.9#
121	0.8	25.0	37.4#





#40

Benzene

Concen: 1.067 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

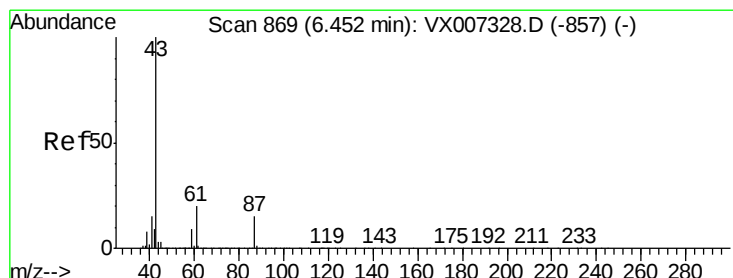
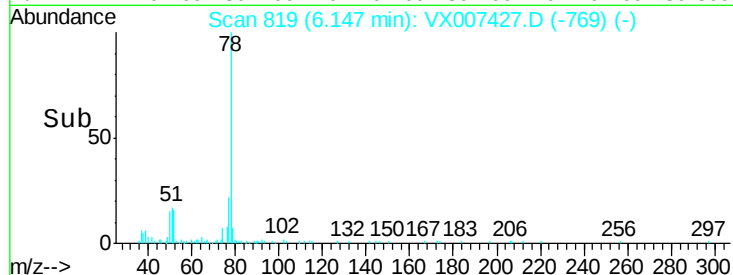
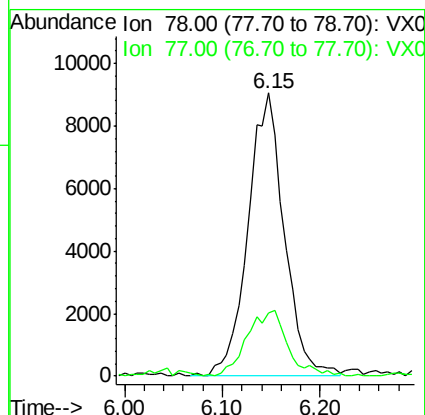
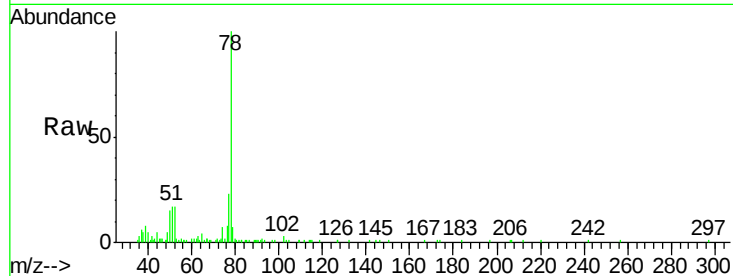
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 23251

Ion Ratio Lower Upper

78 100

77 21.4 19.3 28.9



#43

Isopropyl Acetate

Concen: 1.868 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

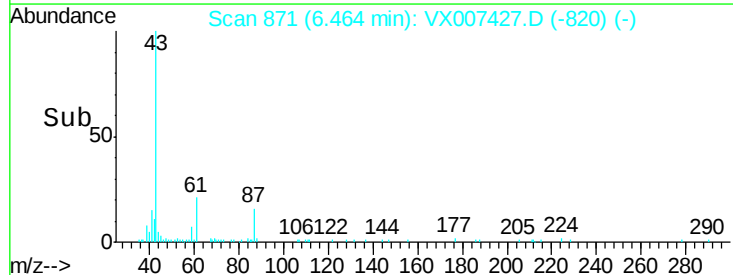
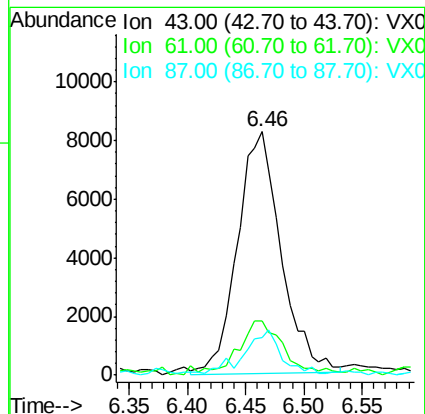
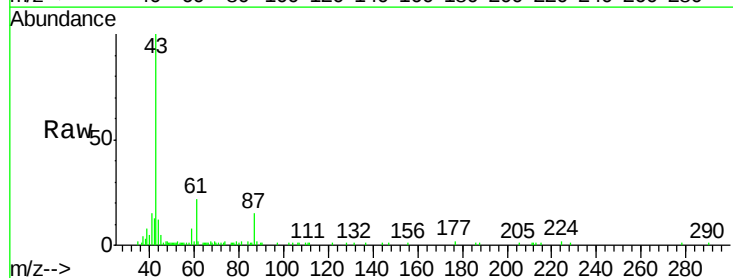
Tgt Ion: 43 Resp: 21558

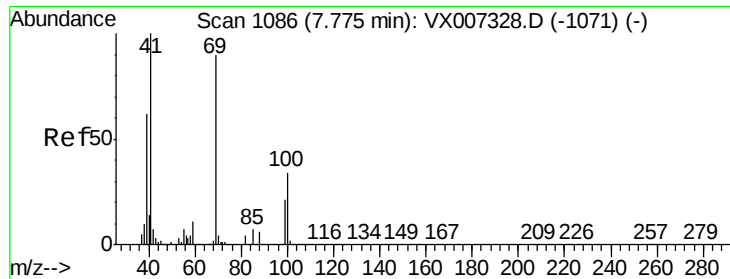
Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

87 16.5 11.5 17.3

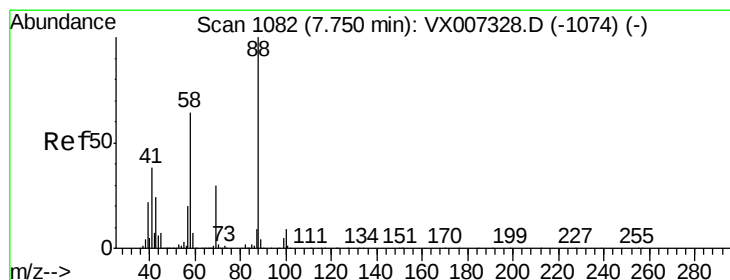
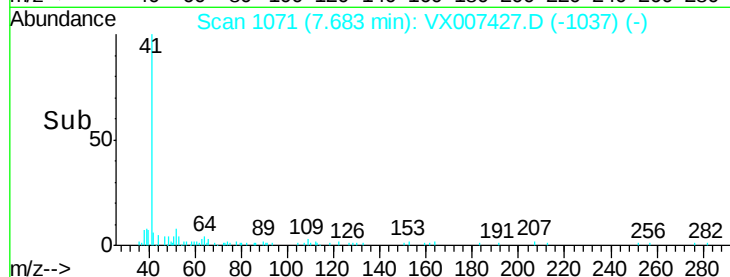
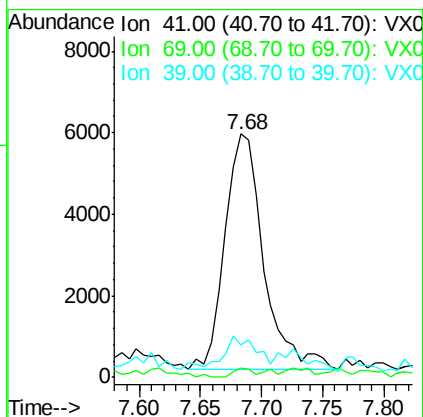
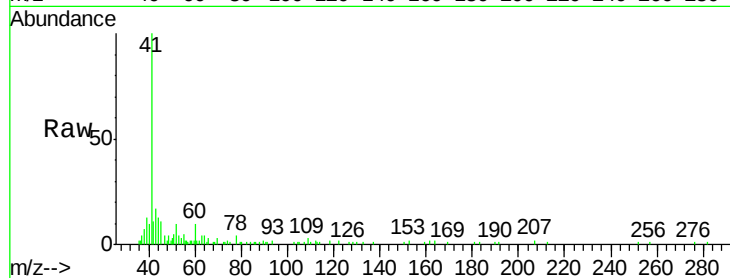




#48
Methvl methacrvlate
Concen: 2.207 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

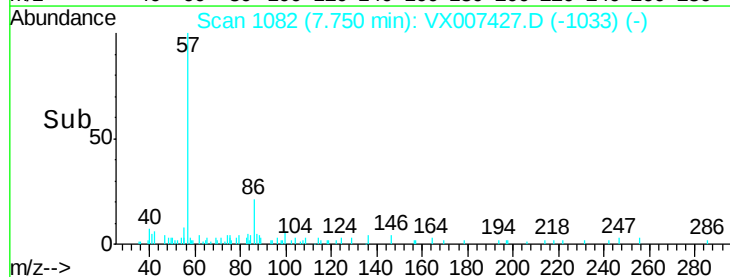
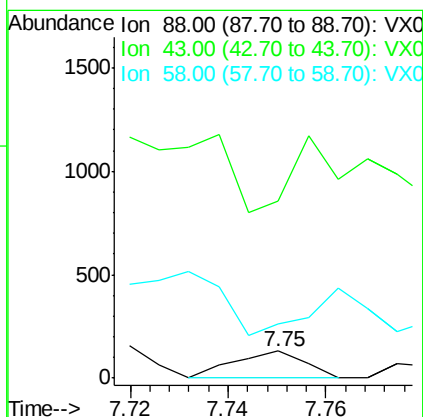
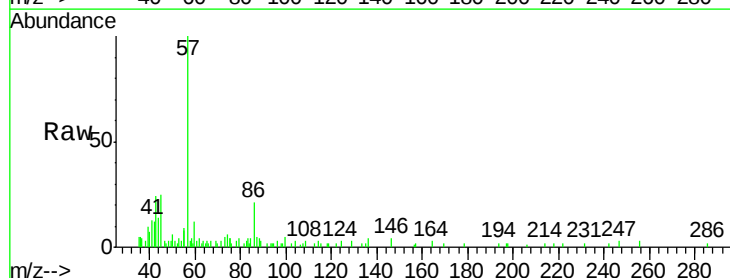
Instrument :
MSVOA_X
ClientSampleId :

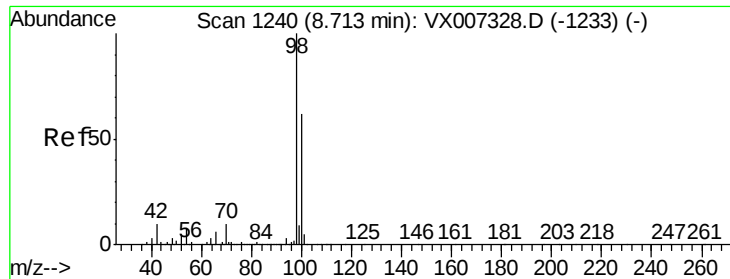
Tot Ion	Ratio	Lower	Upper
41	100		
69	1.9	70.2	105.4#
39	0.0	47.4	71.0#



#49
1,4-Dioxane
Concen: 7.877 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	581.8	53.0	79.4#

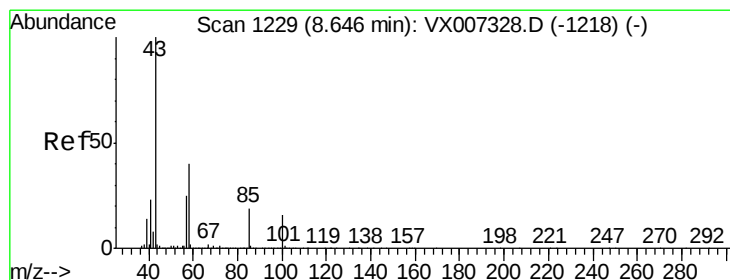
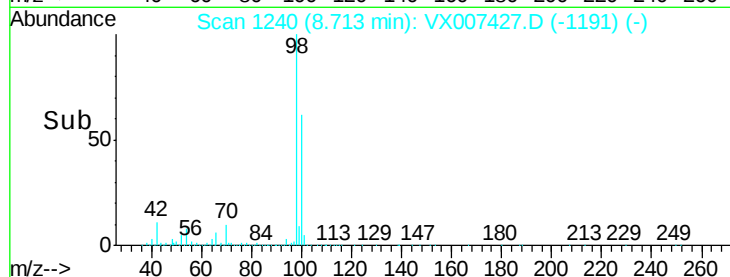
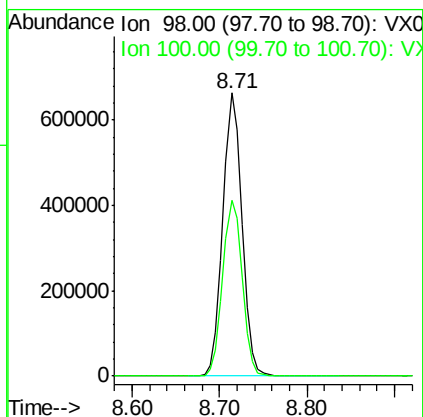
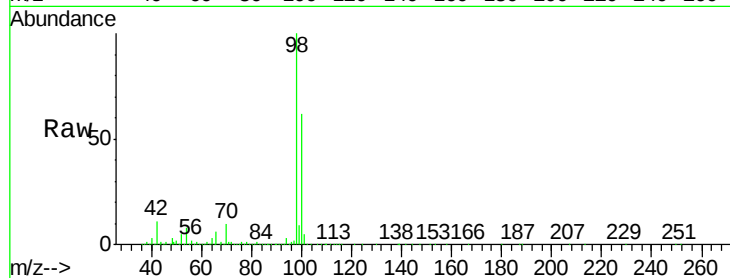




#50
Toluene-d8
Concen: 50.626 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

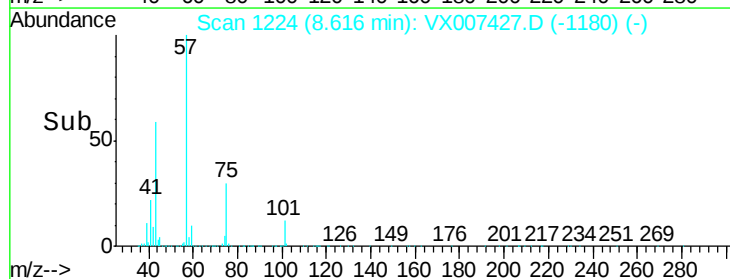
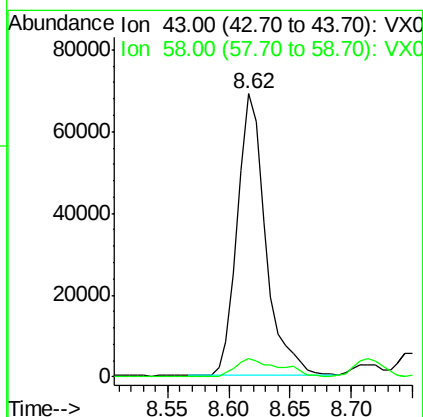
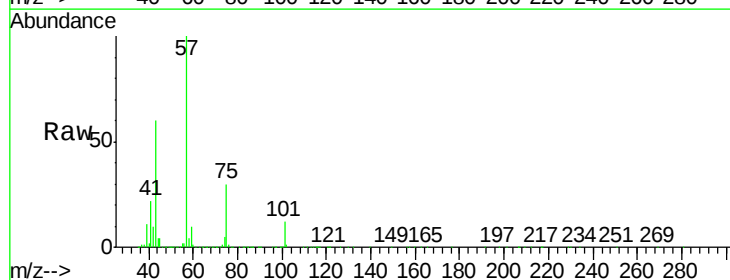
Instrument :
MSVOA_X
ClientSampleId :

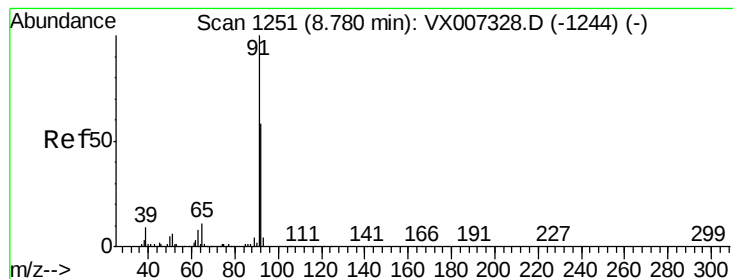
Tot Ion: 98 Resp: 1007406
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 14.570 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 43 Resp: 110680
Ion Ratio Lower Upper
43 100
58 10.5 31.2 46.8#





#52

Toluene

Concen: 0.569 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

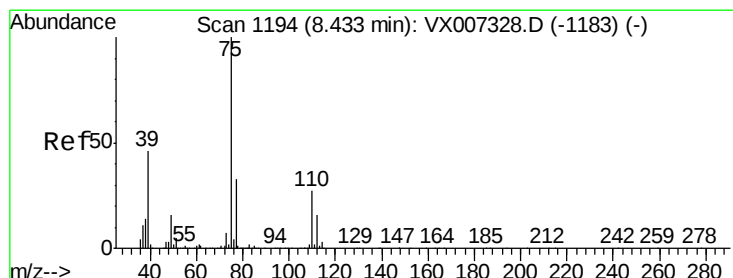
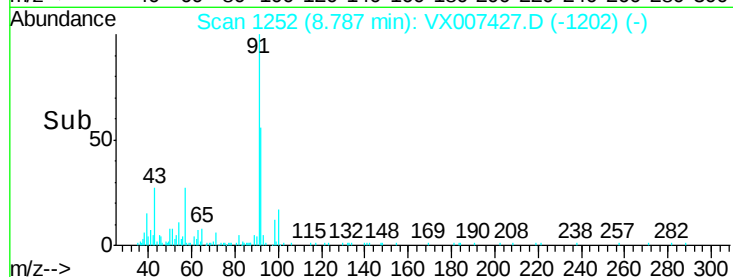
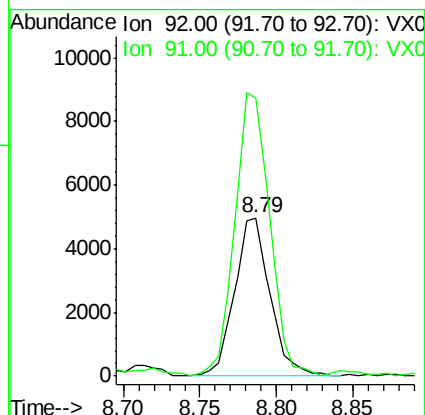
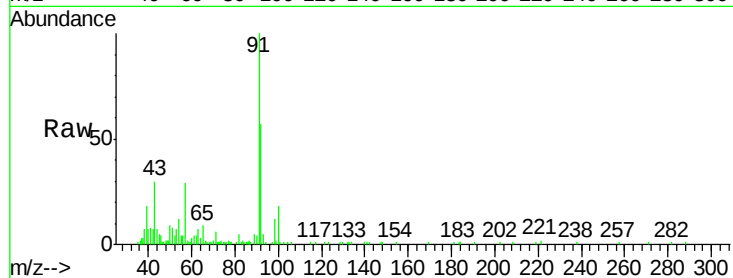
ClientSampleId :

Tot Ion: 92 Resp: 7996

Ion Ratio Lower Upper

92 100

91 176.0 139.1 208.7



#54

cis-1,3-Dichloropropene

Concen: 6.645 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

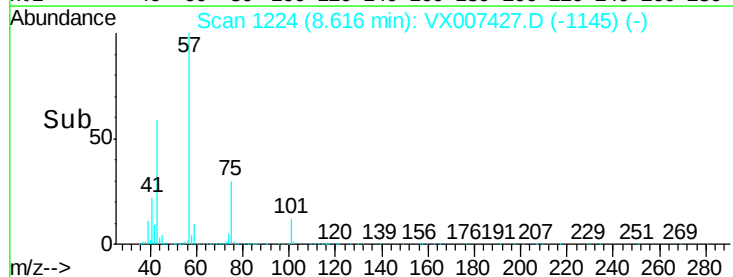
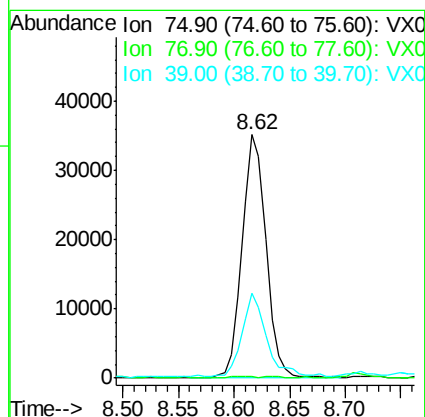
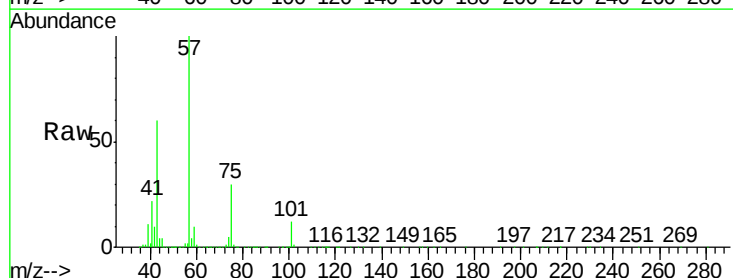
Tgt Ion: 75 Resp: 52779

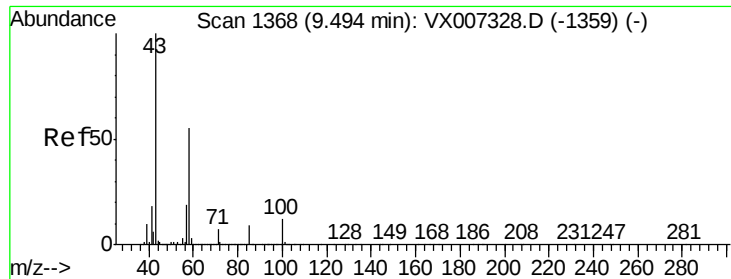
Ion Ratio Lower Upper

75 100

77 0.1 26.2 39.4#

39 34.3 37.1 55.7#

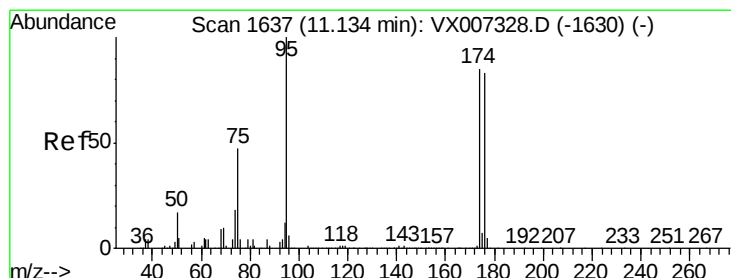
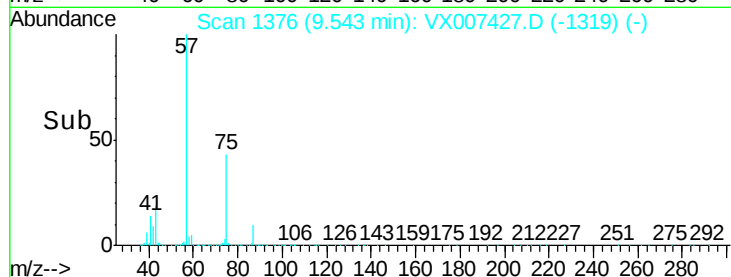
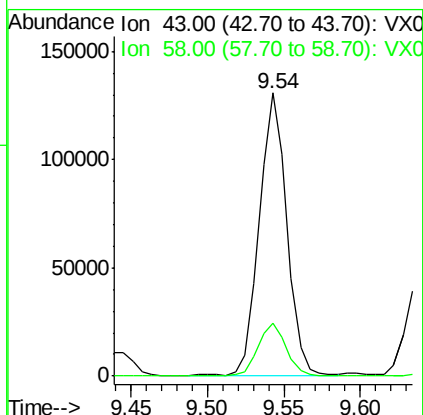
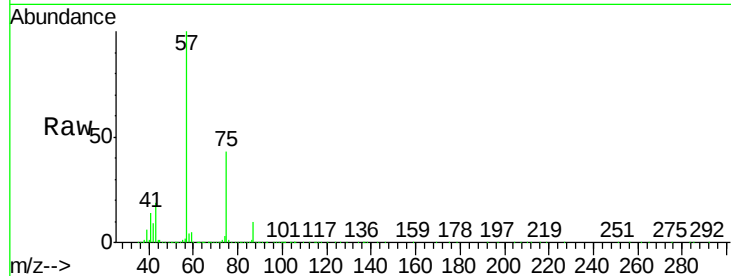




#59
2-Hexanone
Concen: 27.664 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

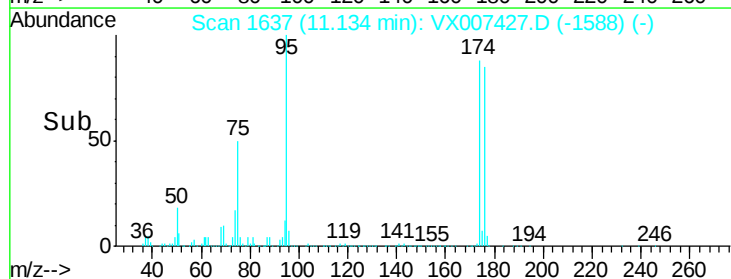
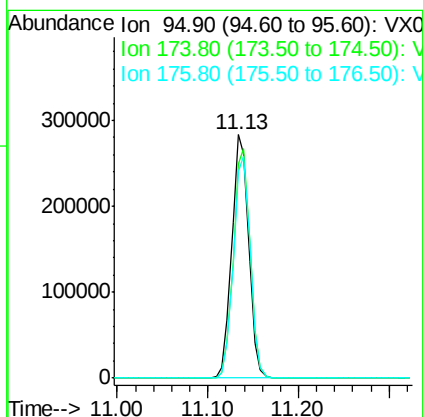
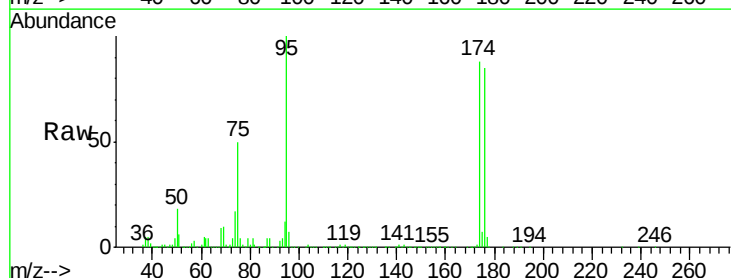
Instrument :
MSVOA_X
ClientSampled :

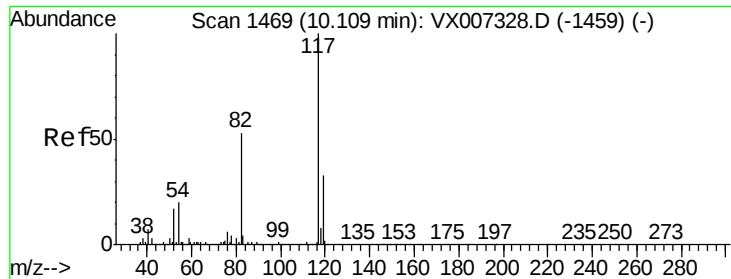
Tot Ion: 43 Resp: 163533
Ion Ratio Lower Upper
43 100
58 19.1 27.1 81.3#



#62
4-Bromofluorobenzene
Concen: 50.422 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 95 Resp: 366325
Ion Ratio Lower Upper
95 100
174 93.2 0.0 189.2
176 90.7 0.0 186.2

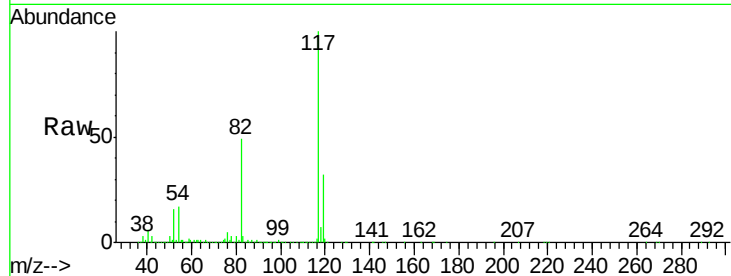




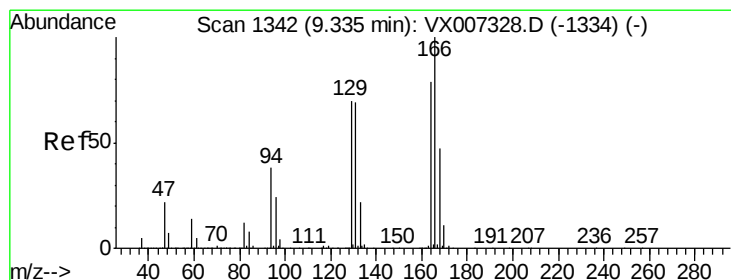
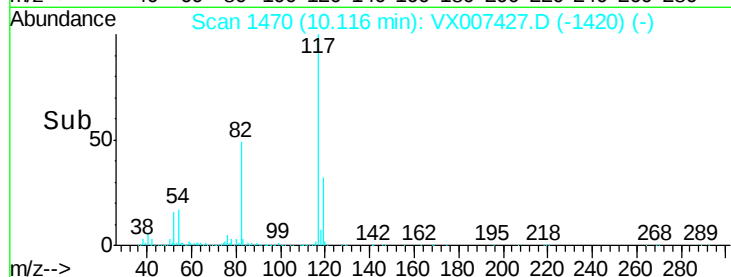
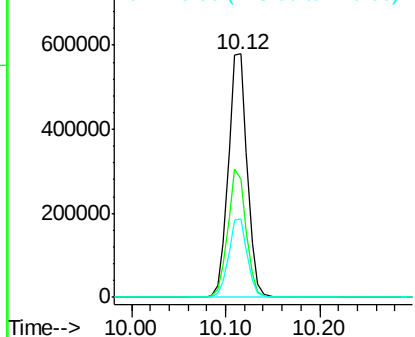
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 799232
Ion Ratio Lower Upper
117 100
82 48.8 42.1 63.1
119 32.1 26.5 39.7

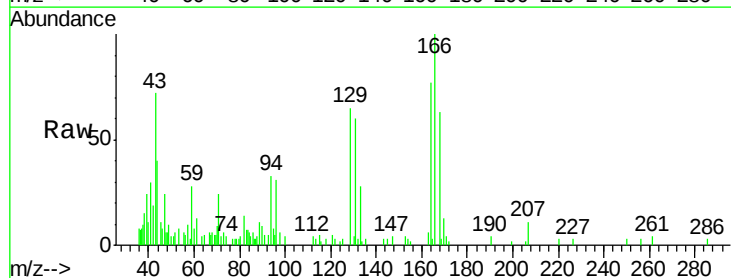


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

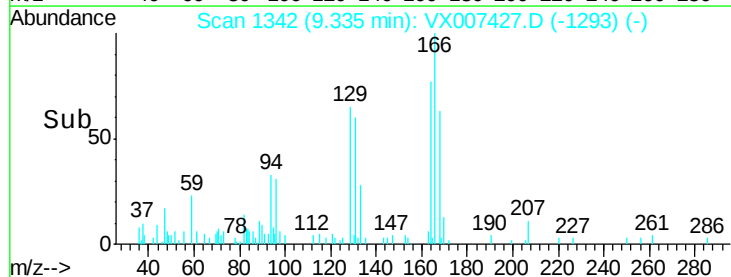
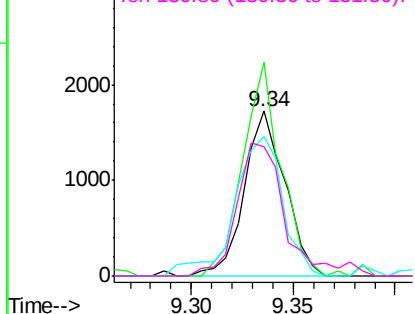


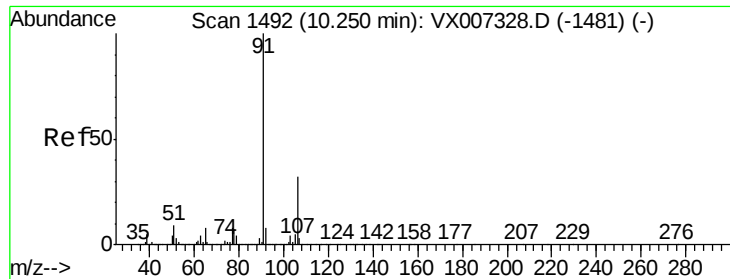
#64
Tetrachloroethene
Concen: 0.318 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion:164 Resp: 2393
Ion Ratio Lower Upper
164 100
166 129.6 101.0 151.4
129 84.3 70.5 105.7
131 78.1 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 7.595 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

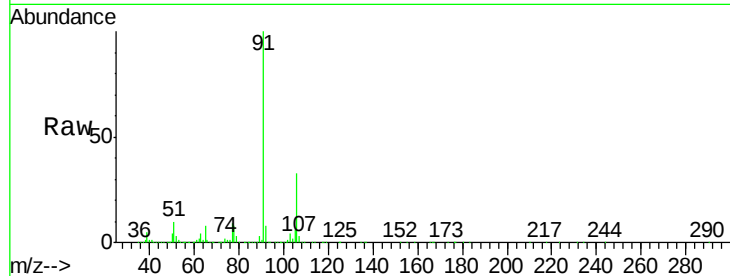
ClientSampleId :

Tot Ion: 91 Resp: 213311

Ion Ratio Lower Upper

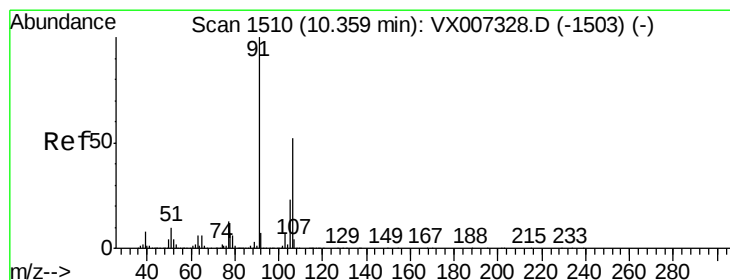
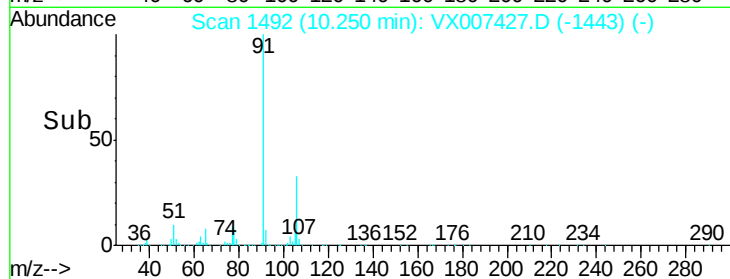
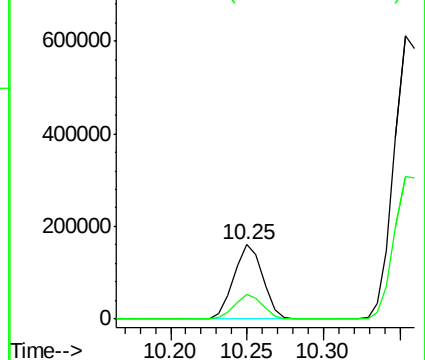
91 100

106 33.1 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.812 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007427.D

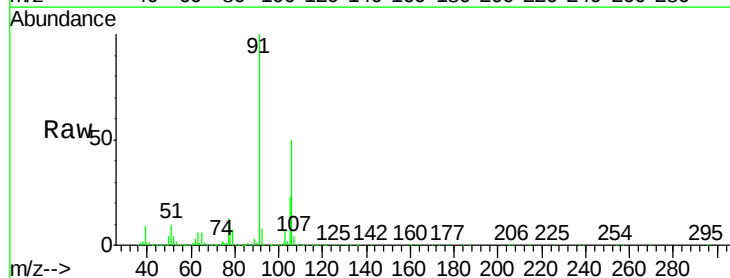
Acq: 07 Feb 2019 16:02

Tgt Ion: 106 Resp: 433318

Ion Ratio Lower Upper

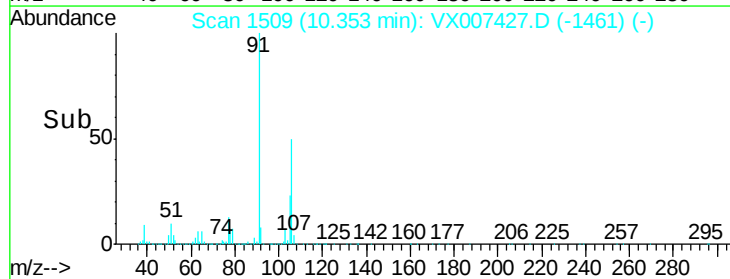
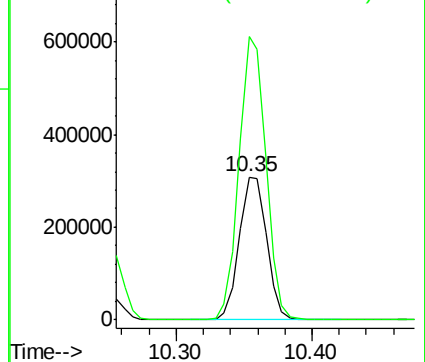
106 100

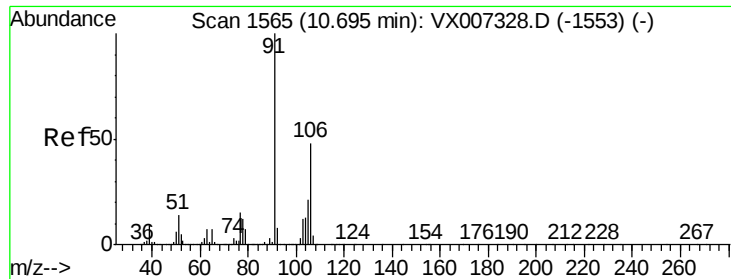
91 194.0 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

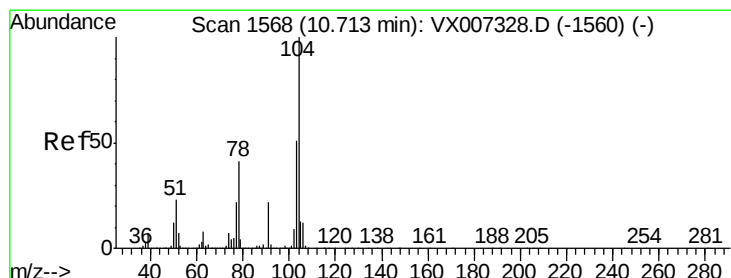
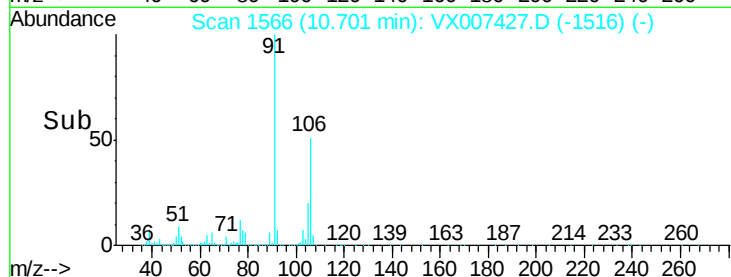
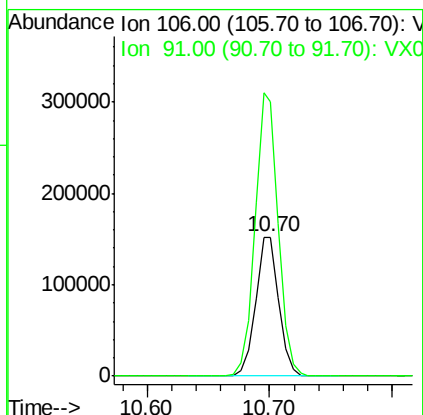
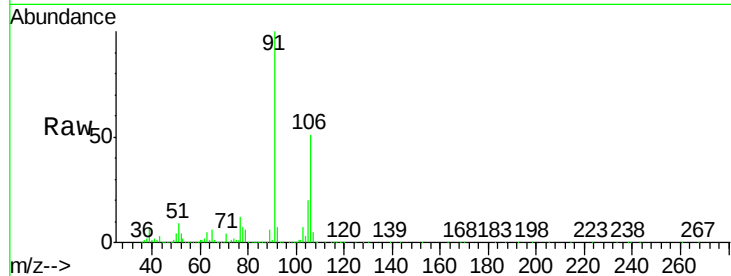




#69
o-Xylene
Concen: 18.682 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

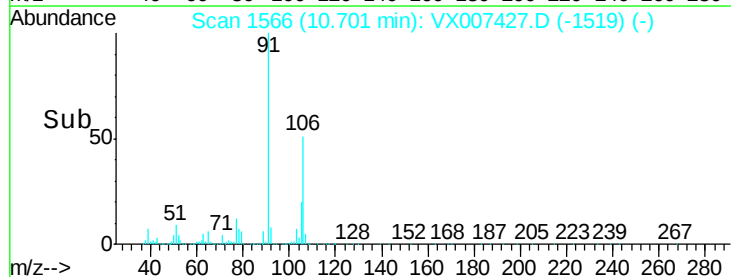
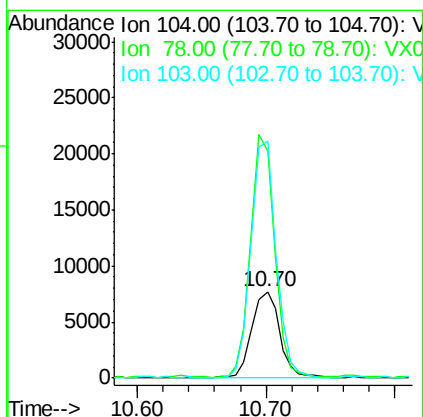
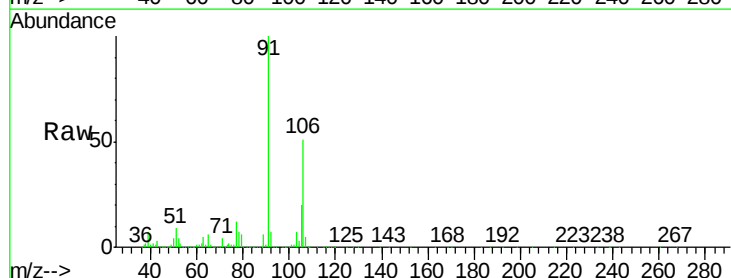
Instrument :
MSVOA_X
ClientSampleId :

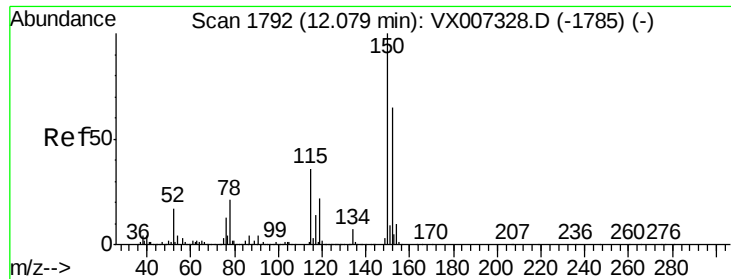
Tot Ion:106 Resp: 200707
Ion Ratio Lower Upper
106 100
91 203.5 102.9 308.7



#70
Styrene
Concen: 0.666 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion:104 Resp: 11599
Ion Ratio Lower Upper
104 100
78 240.0 38.3 57.5#
103 245.9 44.6 67.0#



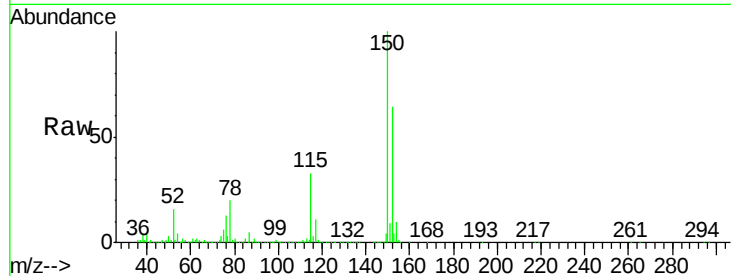


#72

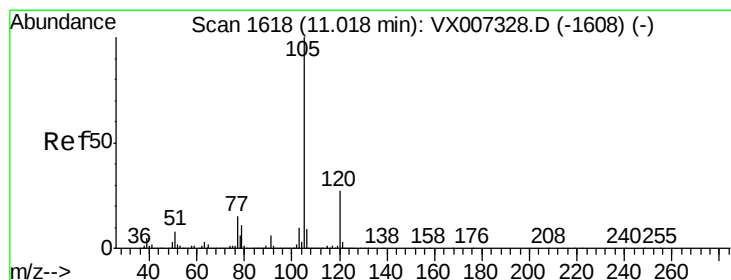
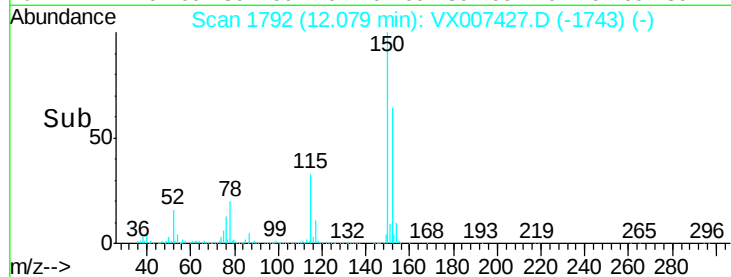
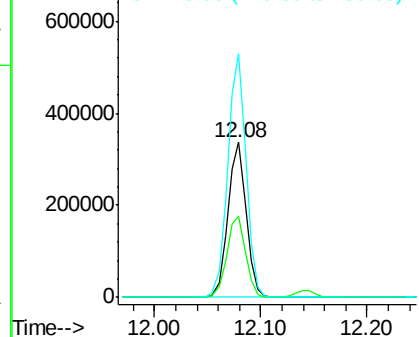
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.2	38.0	114.0
150	157.2	0.0	346.4



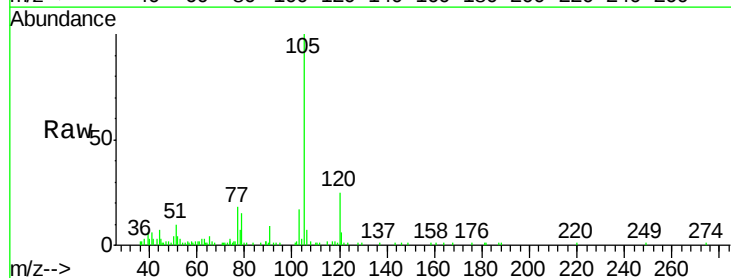
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



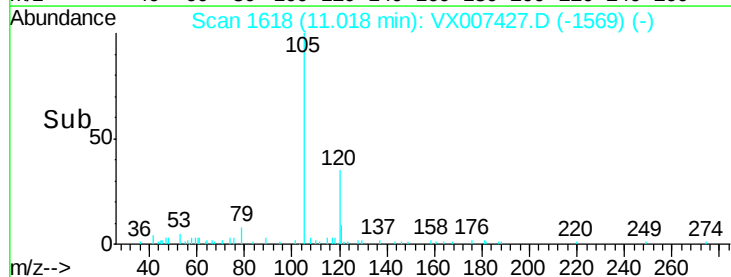
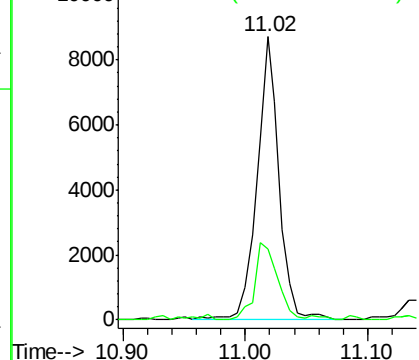
#73

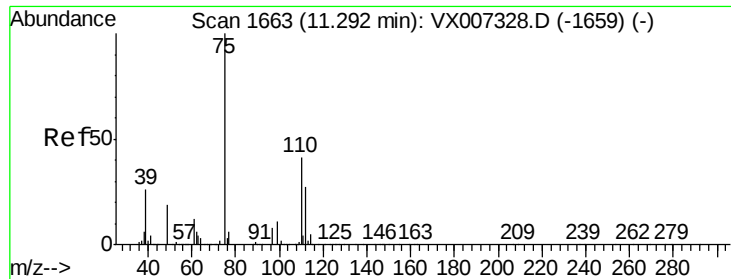
Isopropylbenzene
Concen: 0.399 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.6	13.6	40.7



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





#76

1,2,3-Trichloropropane

Concen: 0.718 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

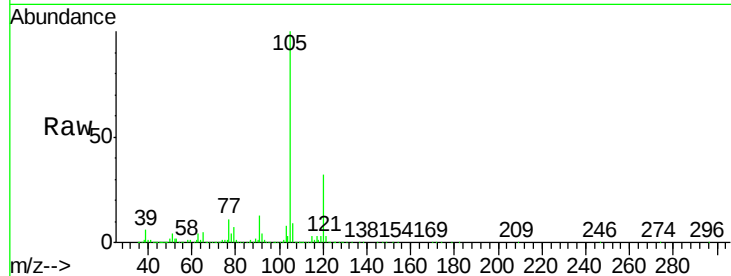
ClientSampleId :

Tot Ion: 75 Resp: 5640

Ion Ratio Lower Upper

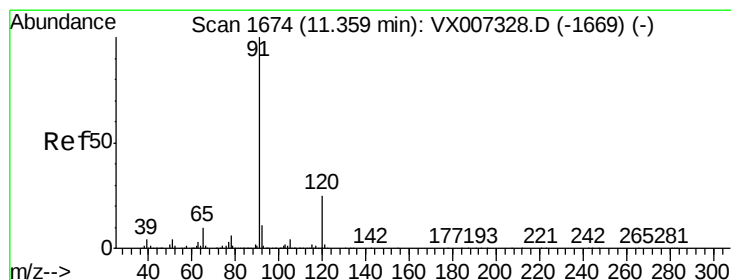
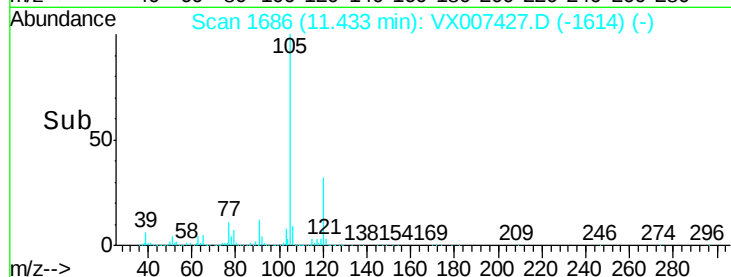
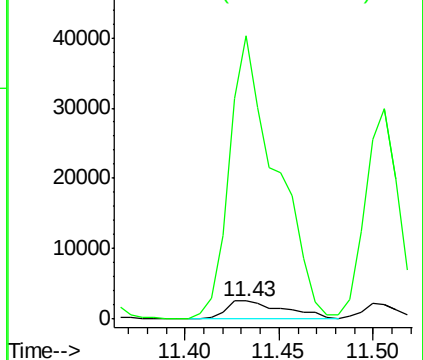
75 100

77 1224.3 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 2.348 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007427.D

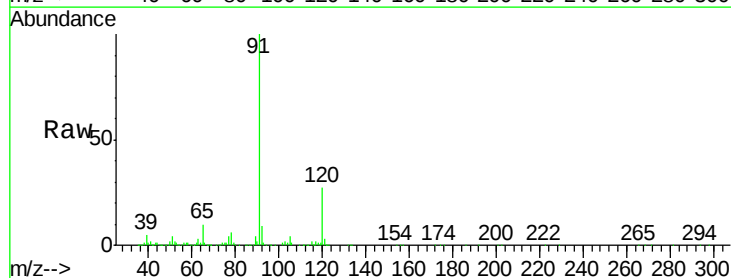
Acq: 07 Feb 2019 16:02

Tgt Ion: 91 Resp: 70602

Ion Ratio Lower Upper

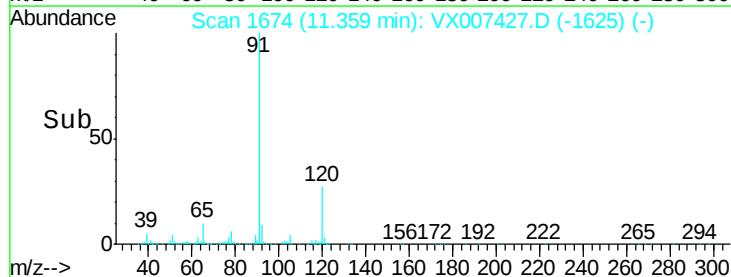
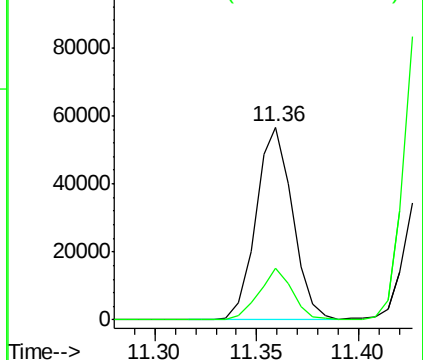
91 100

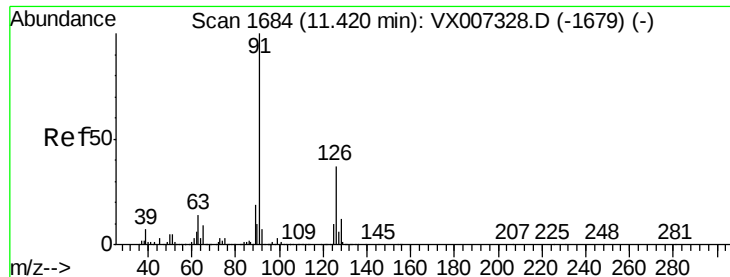
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

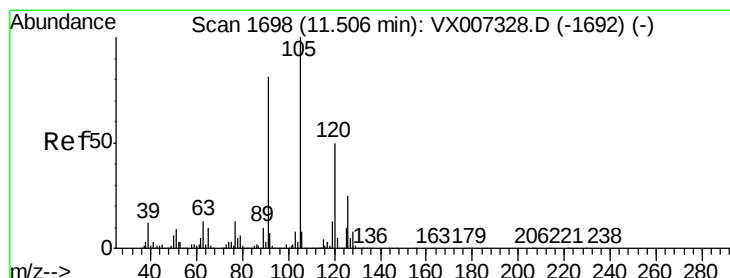
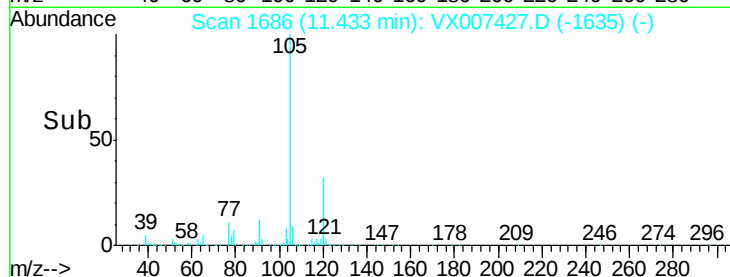
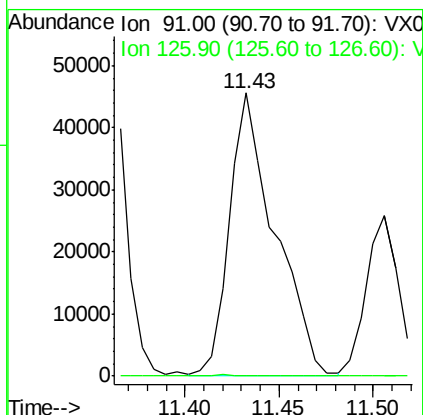
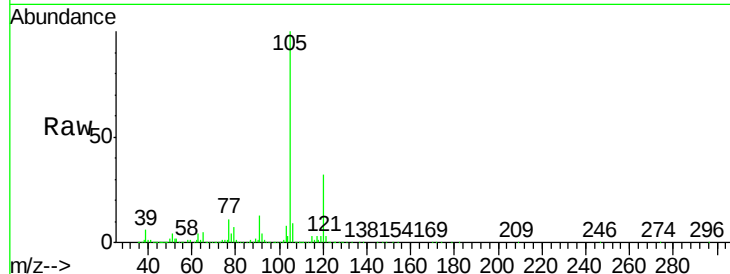




#79
2-Chlorotoluene
Concen: 4.160 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

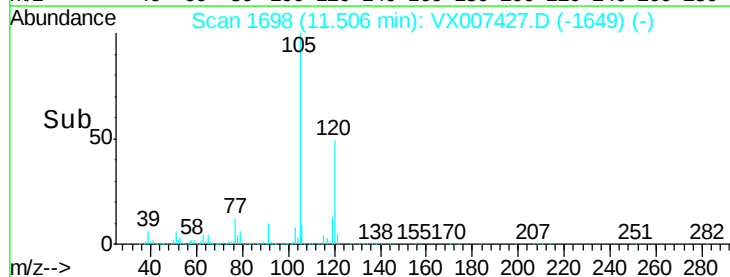
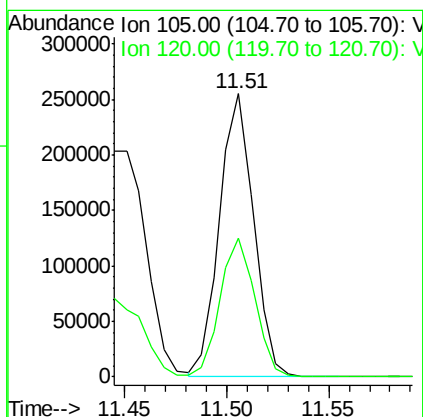
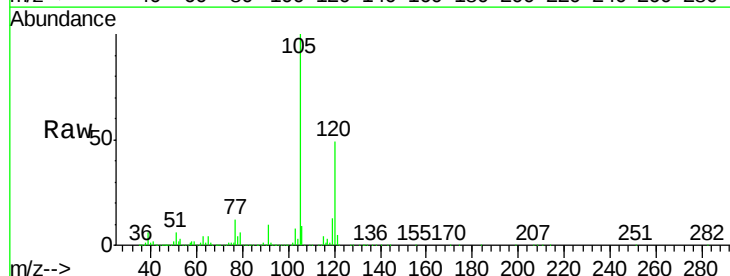
Instrument :
MSVOA_X
ClientSampled :

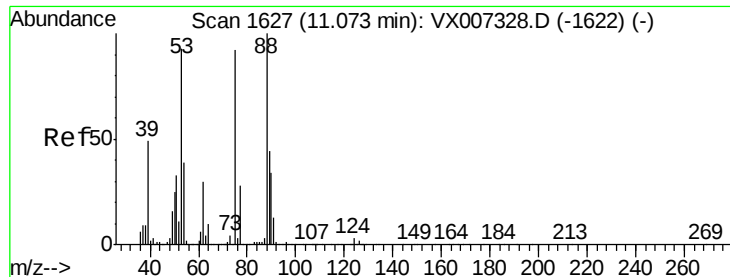
Tot Ion: 91 Resp: 75913
Ion Ratio Lower Upper
91 100
126 0.1 18.7 56.1#



#80
1,3,5-Trimethylbenzene
Concen: 13.154 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 105 Resp: 295159
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.8

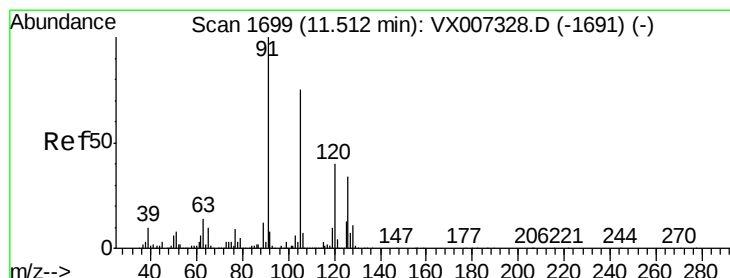
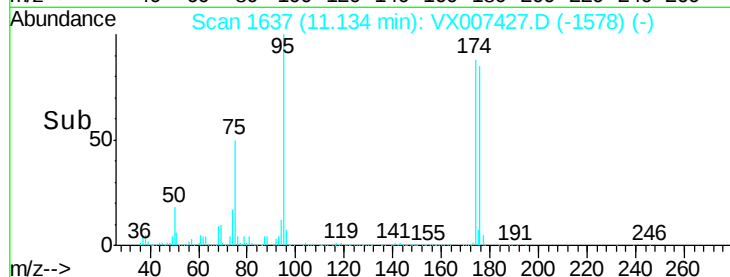
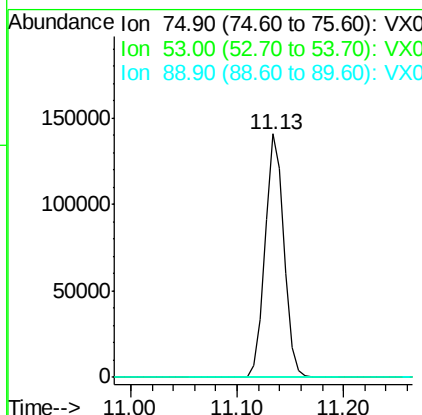
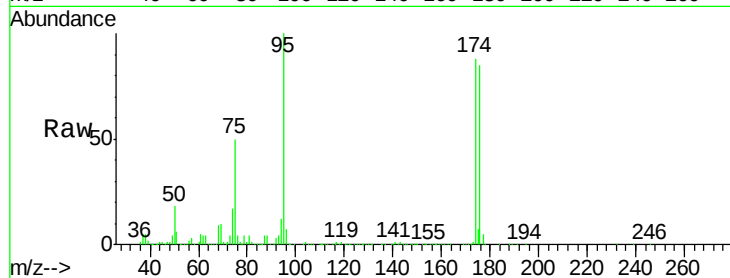




#81
trans-1,4-Dichloro-2-butene
Concen: 67.234 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

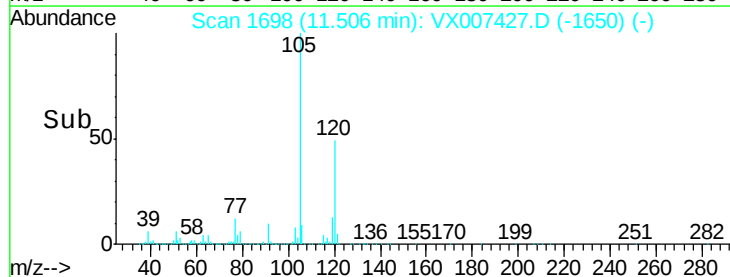
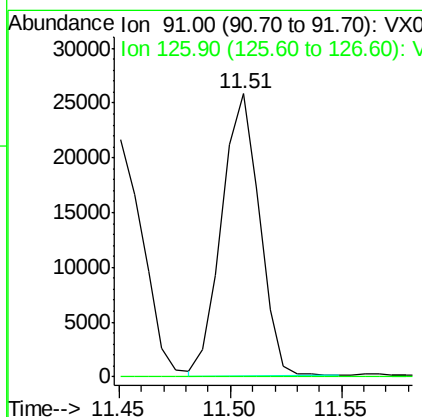
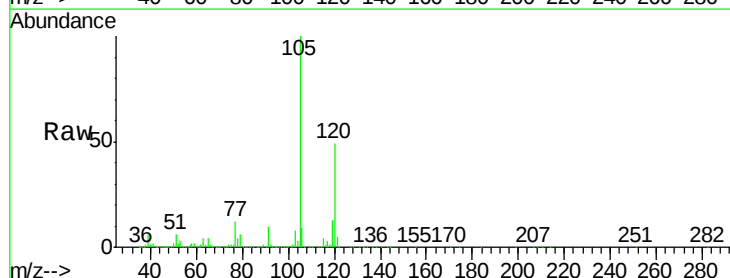
Instrument :
MSVOA_X
ClientSampleId :

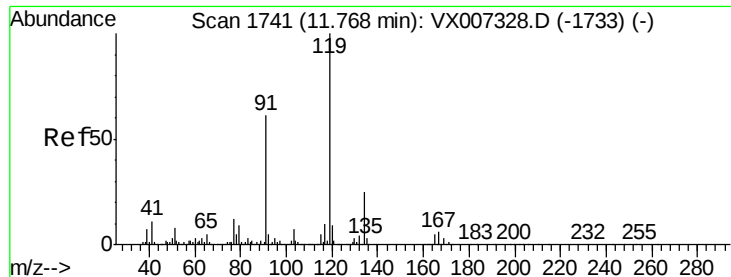
Tot Ion: 75 Resp: 174807
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.6#
89 0.2 41.4 62.0#



#82
4-Chlorotoluene
Concen: 1.436 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 91 Resp: 30326
Ion Ratio Lower Upper
91 100
126 0.1 16.2 48.5#





#83

tert-Butylbenzene

Concen: 8.489 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX007427.D

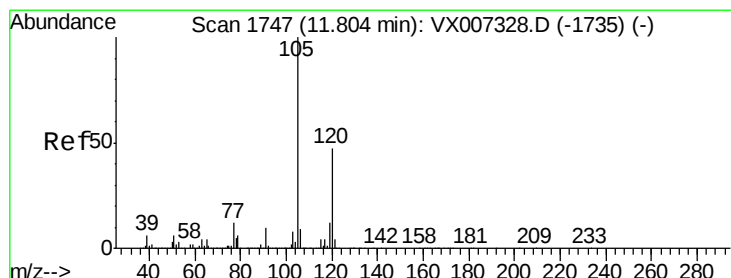
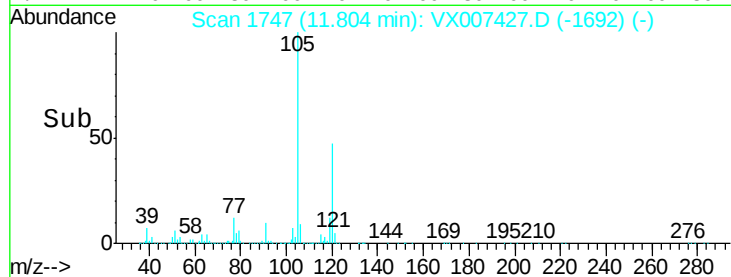
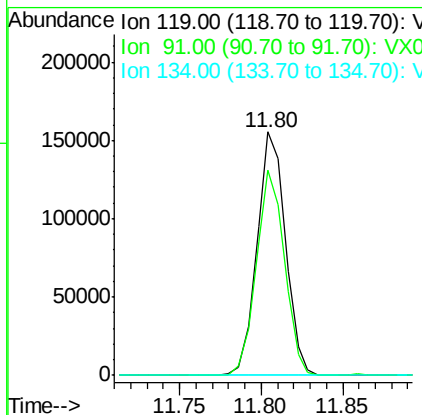
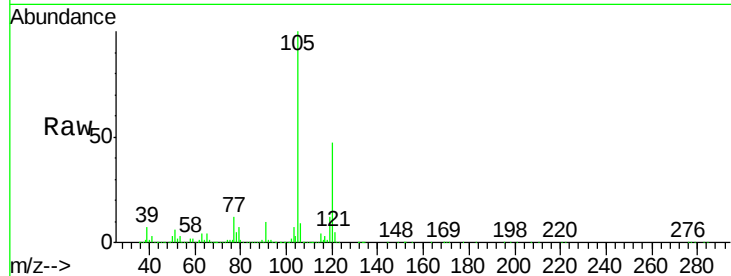
Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	83.4	28.5	85.6
134	0.1	12.0	36.0



#84

1,2,4-Trimethylbenzene

Concen: 67.349 ug/l

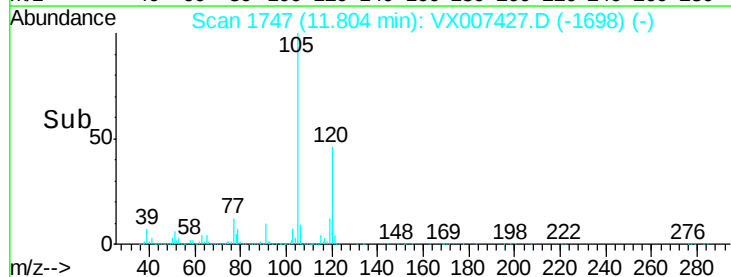
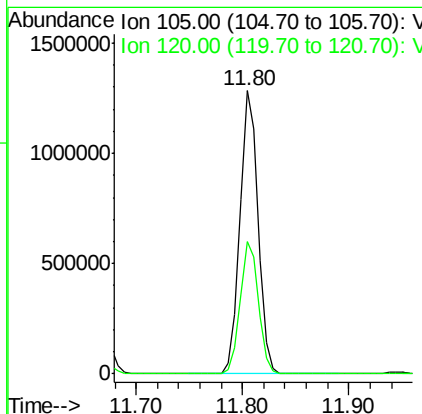
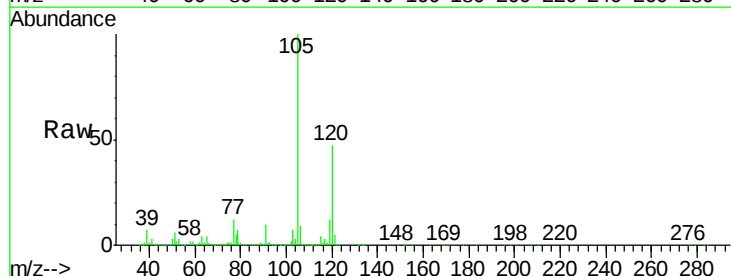
RT: 11.80 min Scan# 1747

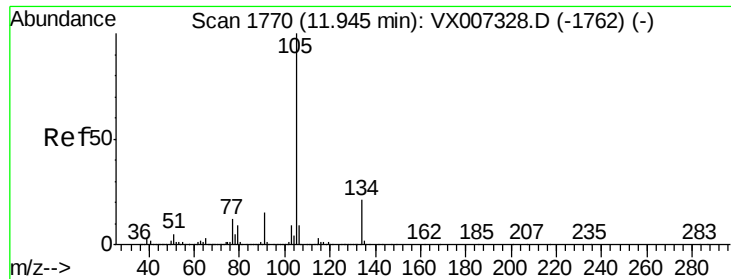
Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 57.061 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

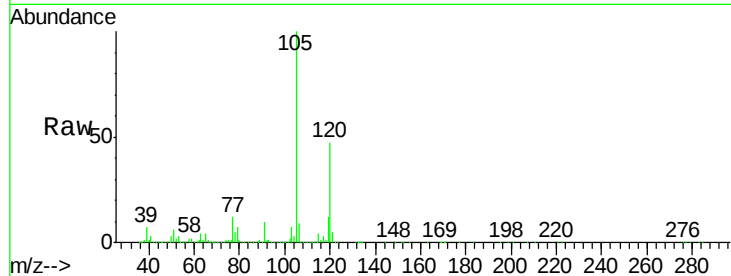
ClientSampleId :

Tot Ion:105 Resp: 1534205

Ion Ratio Lower Upper

105 100

134 0.0 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

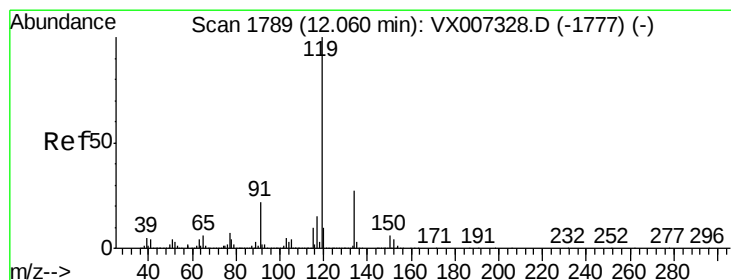
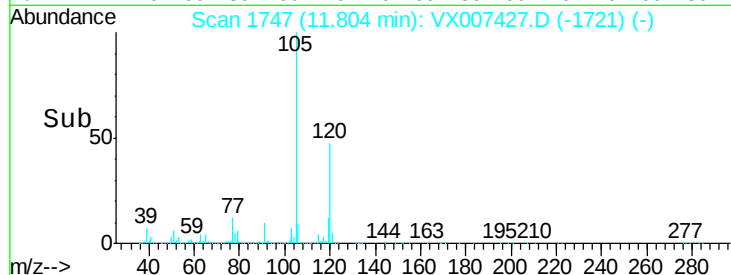
11.80

1000000

500000

0

Time--> 11.70 11.80 11.90



#86

p-Isopropyltoluene

Concen: 1.038 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

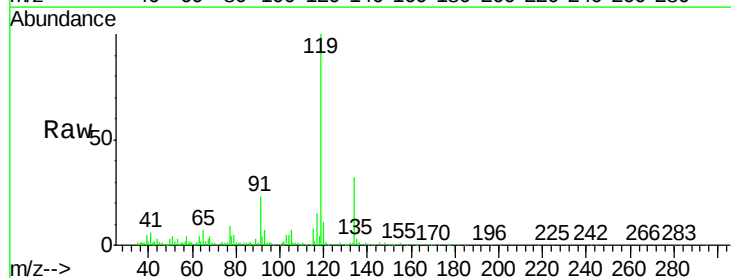
Tgt Ion:119 Resp: 25184

Ion Ratio Lower Upper

119 100

134 30.9 13.7 41.1

91 21.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.02

25000

20000

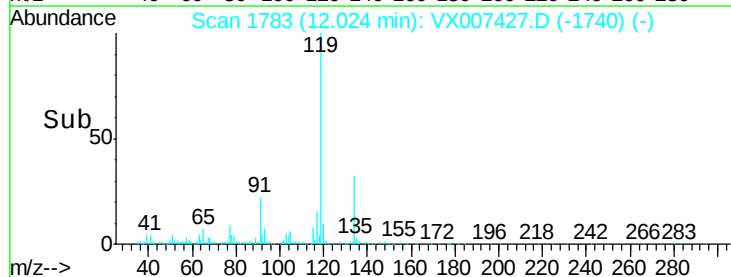
15000

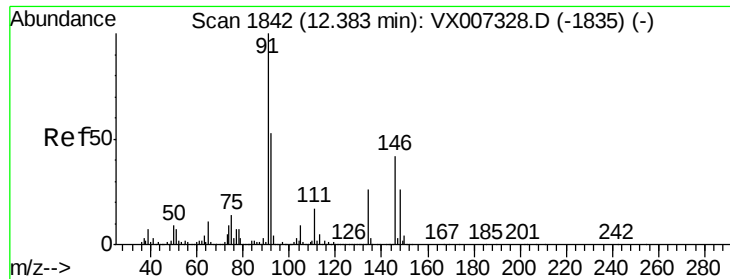
10000

5000

0

Time--> 11.95 12.00 12.05

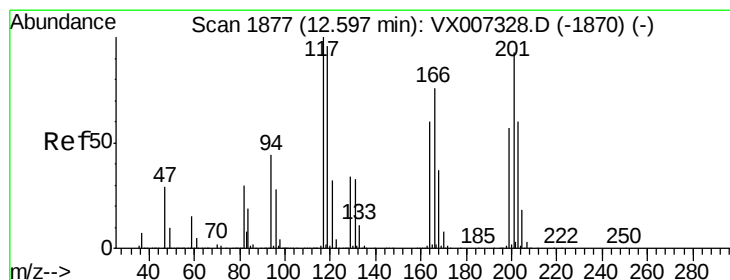
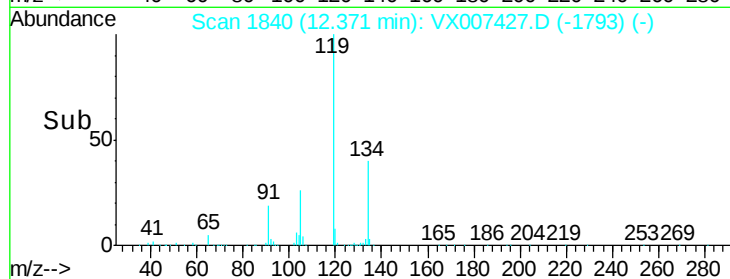
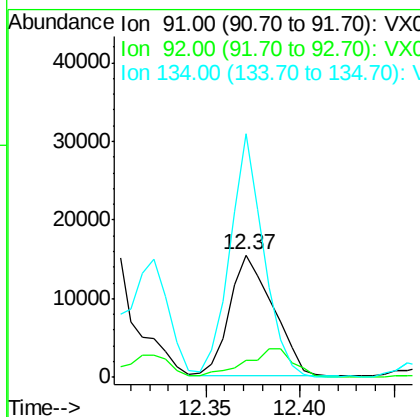
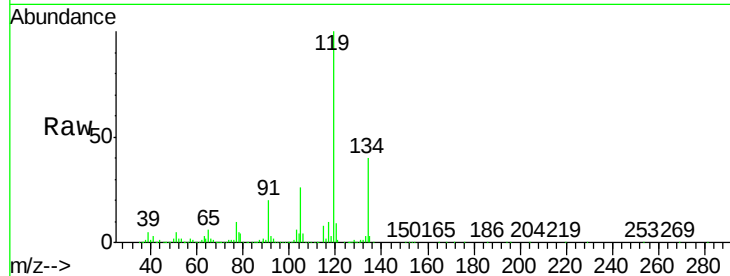




#89
n-Butylbenzene
Concen: 1.181 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

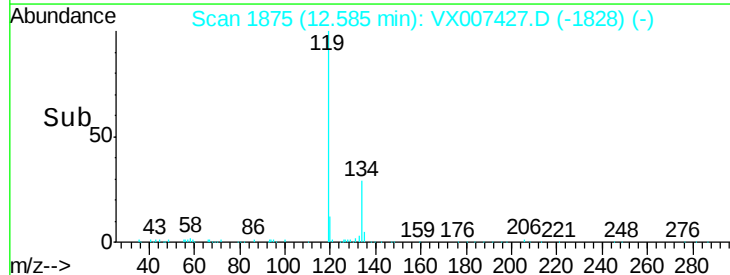
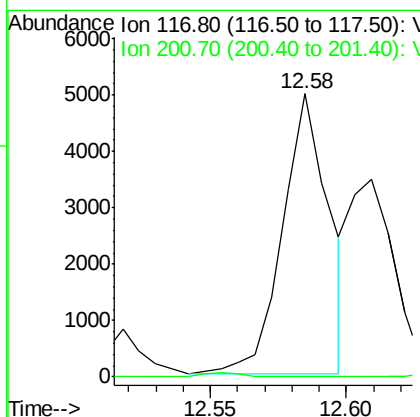
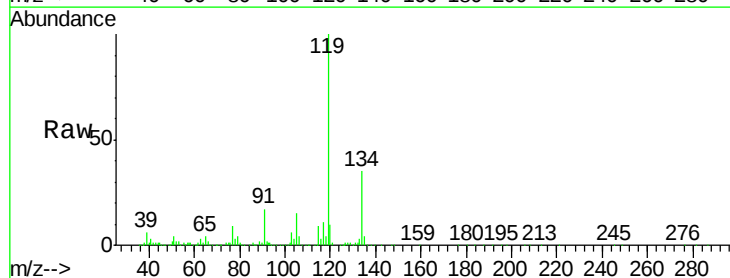
Instrument :
MSVOA_X
ClientSampled :

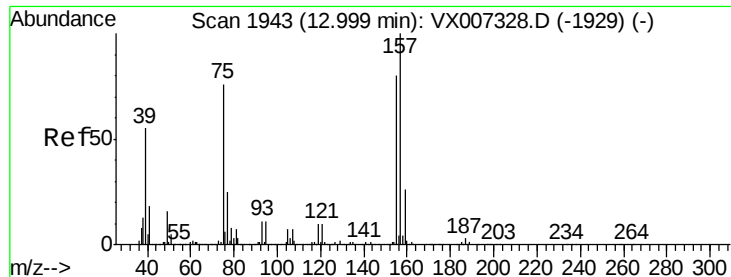
Tot Ion: 91 Resp: 24648
Ion Ratio Lower Upper
91 100
92 25.9 26.3 78.9#
134 154.3 13.9 41.6#



#90
Hexachloroethane
Concen: 1.617 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007427.D
Acq: 07 Feb 2019 16:02

Tgt Ion: 117 Resp: 5872
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.355 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

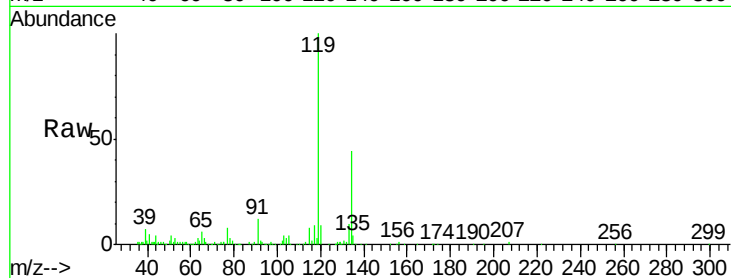
Tot Ion: 75 Resp: 617

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

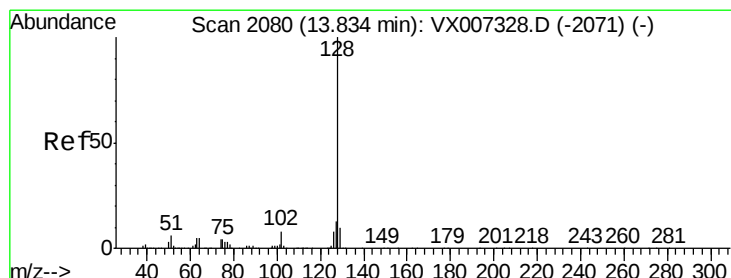
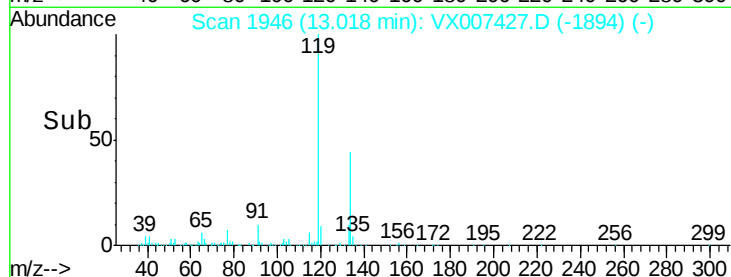
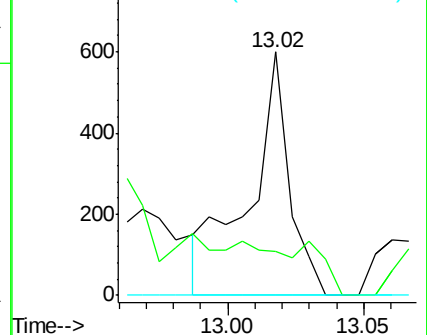
157 0.0 65.1 195.3#



Abundance Ion 74.90 (74.60 to 75.60): VX007328.D (-1929) (-)

Ion 154.80 (154.50 to 155.50): VX007328.D (-1929) (-)

Ion 156.80 (156.50 to 157.50): VX007328.D (-1929) (-)



#95

Naphthalene

Concen: 4.194 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007427.D

Acq: 07 Feb 2019 16:02

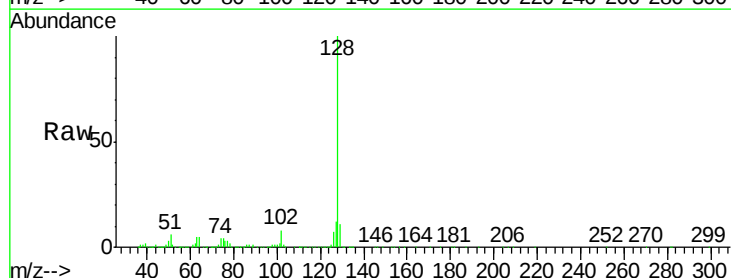
Tgt Ion: 128 Resp: 114147

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VX007328.D (-2071) (-)

Ion 127.00 (126.70 to 127.70): VX007328.D (-2071) (-)

Ion 129.00 (128.70 to 129.70): VX007328.D (-2071) (-)

