

Data File : VX011315.D
Acq On : 02 Aug 2019 19:14
Operator : JC/SP
Sample : K4119-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

Quant Time: Aug 03 05:46:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	141775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	75328	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	5.49	113	72161	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.71	98	275829	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	104026	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds			Qvalue			
3) Chloromethane	1.32	50	644	0.524 ug/l #	65	
4) Vinyl Chloride	1.40	62	3189	2.358 ug/l #	78	
6) Chloroethane	1.88	64	237	Below Cal #	43	
11) Tert butyl alcohol	3.04	59	3021	10.633 ug/l #	72	
13) Acrolein	2.32	56	57	Below Cal #	15	
15) Acrylonitrile	3.16	53	240	0.353 ug/l #	35	
16) Acetone	2.43	43	1149	1.691 ug/l #	85	
17) Carbon Disulfide	2.57	76	1383	0.457 ug/l	99	
19) Methyl tert-butyl Ether	3.18	73	1188	0.313 ug/l #	1	
20) Methylene Chloride	2.85	84	500	0.336 ug/l #	71	
21) trans-1,2-Dichloroethene	3.16	96	5788	4.242 ug/l	93	
27) cis-1,2-Dichloroethene	4.60	96	3169	2.016 ug/l	98	
29) Tetrahydrofuran	5.13	42	11570	19.520 ug/l	97	
31) Cyclohexane	5.57	56	28874	15.704 ug/l	94	
36) 1,1-Dichloropropene	5.65	75	9503	4.792 ug/l #	50	
38) Carbon Tetrachloride	5.66	117	12661	6.346 ug/l #	16	
39) Methylcyclohexane	7.46	83	13377	5.691 ug/l	97	
40) Benzene	6.14	78	1267577	214.195 ug/l	98	
42) 1,2-Dichloroethane	6.13	62	11433	5.713 ug/l	73	
44) Trichloroethene	7.21	130	1488	0.831 ug/l	81	
49) 1,4-Dioxane	7.71	88	22	0.507 ug/l #	1	
51) 4-Methyl-2-Pentanone	8.63	43	1861	0.907 ug/l	100	
52) Toluene	8.78	92	1143	0.292 ug/l	81	
53) t-1,3-Dichloropropene	9.09	75	20	2.847 ug/l #	1	
59) 2-Hexanone	9.30	43	6609	4.157 ug/l	79	
65) Chlorobenzene	10.15	112	9935631	2095.999 ug/l	92	
67) Ethyl Benzene	10.25	91	647004	81.499 ug/l	99	
68) m/p-Xylenes	10.35	106	14578	4.747 ug/l	97	
69) o-Xylene	10.69	106	8135	2.696 ug/l	100	
73) Isopropylbenzene	11.02	105	91397	11.836 ug/l	99	
74) N-amyl acetate	10.94	43	3397	1.217 ug/l #	51	
75) 1,1,2,2-Tetrachloroethane	11.25	83	611	0.237 ug/l #	26	
76) 1,2,3-Trichloropropane	11.13	75	51440	25.018 ug/l #	37	
78) n-propylbenzene	11.36	91	94534	11.009 ug/l	99	

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Quant Time: Aug 03 05:46:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.42	91	9249	1.807	ug/l	88
80) 1,3,5-Trimethylbenzene	11.51	105	8747	1.353	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	51440	65.282	ug/l #	11
82) 4-Chlorotoluene	11.42	91	9249	1.551	ug/l	95
83) tert-Butylbenzene	11.77	119	5845	0.922	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	17292	2.687	ug/l	100
85) sec-Butylbenzene	11.94	105	18562	2.437	ug/l	80
86) p-Isopropyltoluene	12.02	119	15416	2.200	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	35871	9.481	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244961	62.789	ug/l	100
89) n-Butylbenzene	12.38	91	3534	0.585	ug/l #	43
90) Hexachloroethane	12.70	117	14319	13.821	ug/l #	8
95) Naphthalene	13.83	128	156314	21.202	ug/l	100

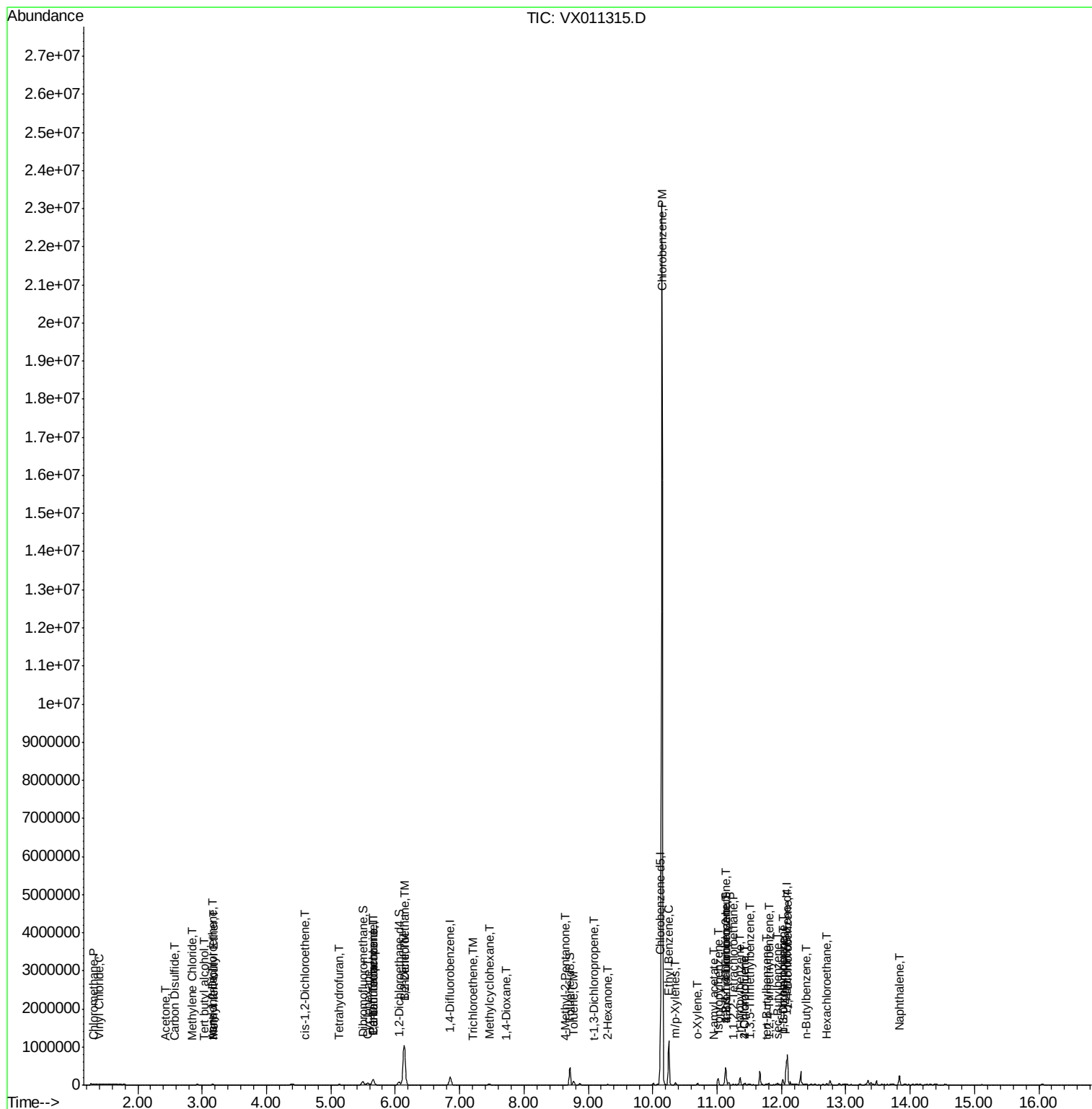
(#) = qualifier out of range (m) = manual integration (+) = signals summed

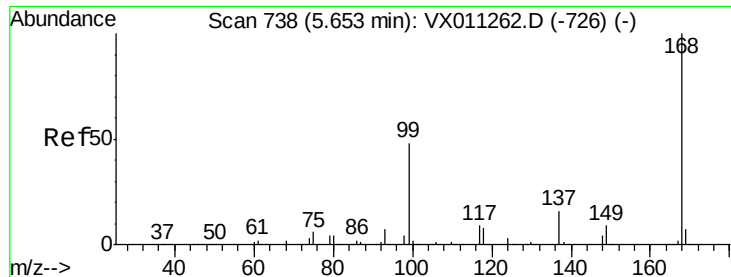
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

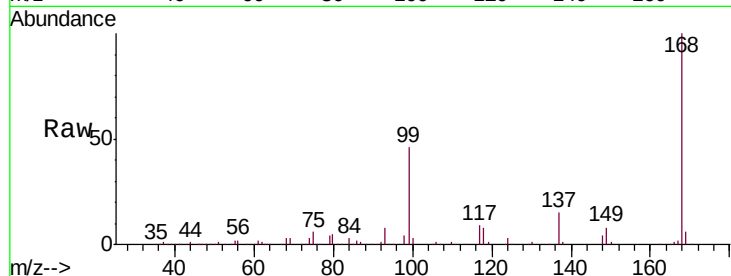
Z3-0686

Tgt Ion:168 Resp: 141775

Ion Ratio Lower Upper

168 100

99 46.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

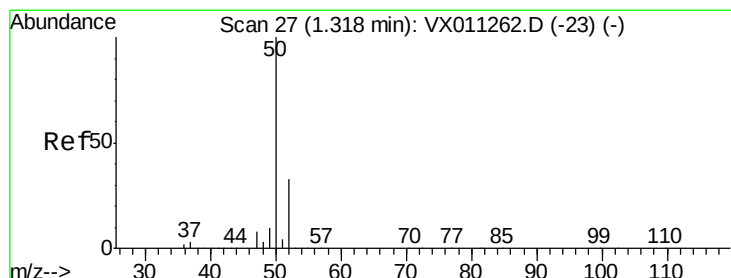
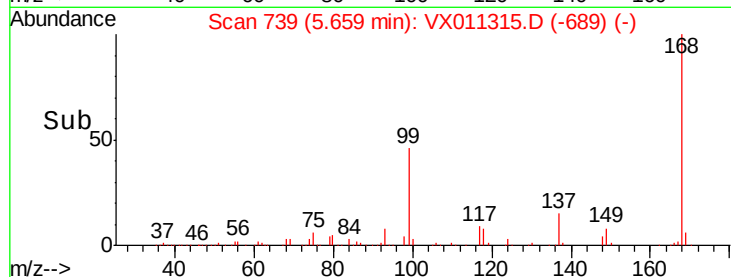
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.524 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011315.D

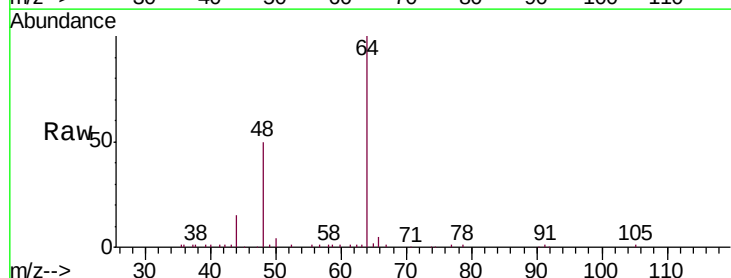
Acq: 02 Aug 2019 19:14

Tgt Ion: 50 Resp: 644

Ion Ratio Lower Upper

50 100

52 13.0 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

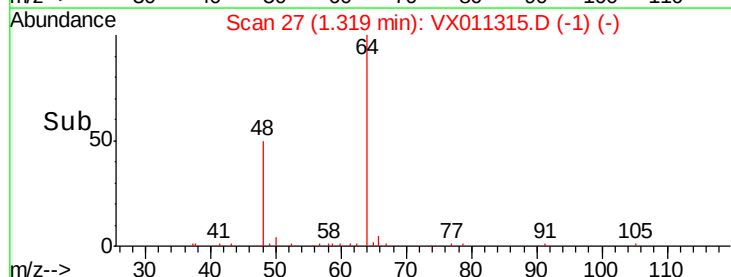
300

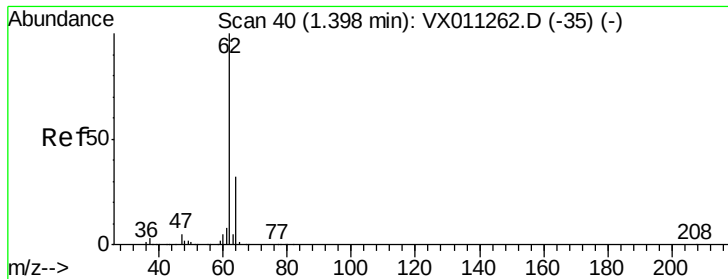
200

100

0

Time--> 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 2.358 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

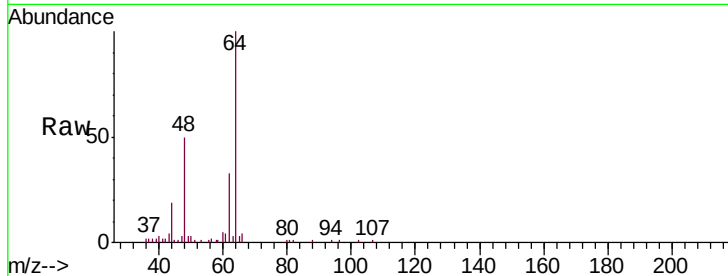
Z3-0686

Tgt Ion: 62 Resp: 3189

Ion Ratio Lower Upper

62 100

64 20.4 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

10000

8000

6000

4000

2000

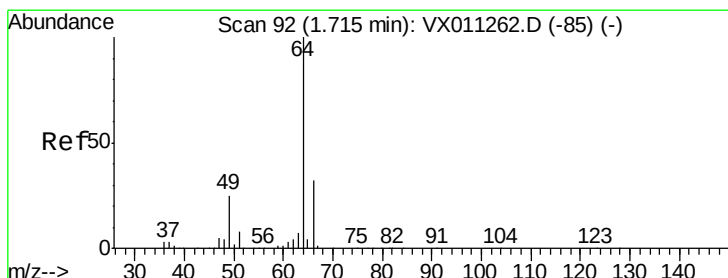
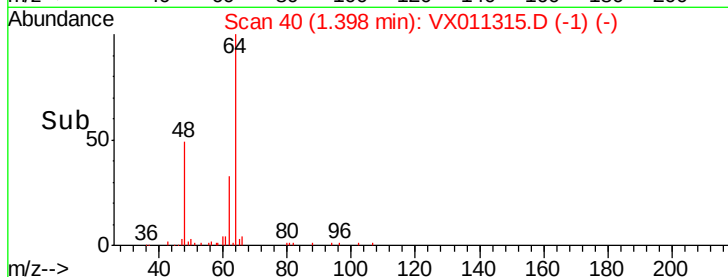
0

1.35

1.40

1.45

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.88 min Scan# 119

Delta R.T. 0.17 min

Lab File: VX011315.D

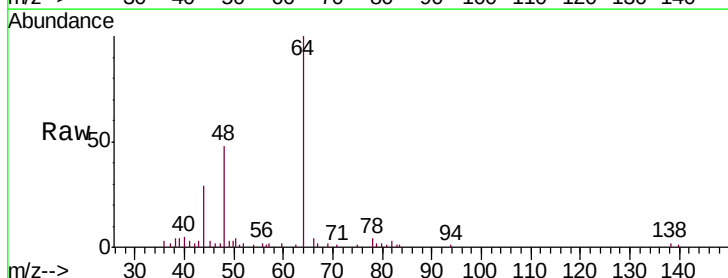
Acq: 02 Aug 2019 19:14

Tgt Ion: 64 Resp: 237

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

4000

3000

2000

1000

0

1.86

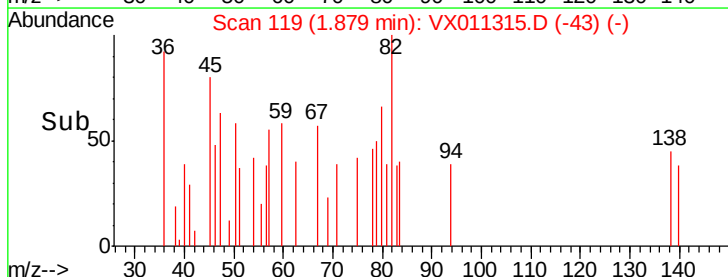
1.87

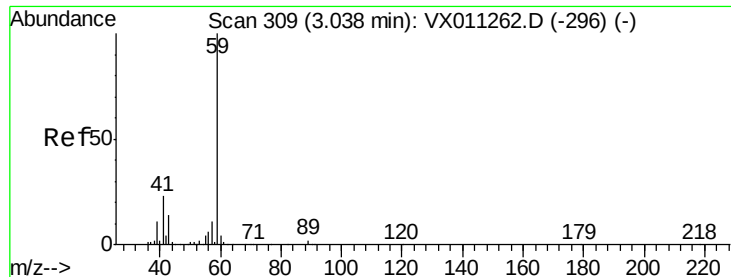
1.88

1.89

1.90

Time-->

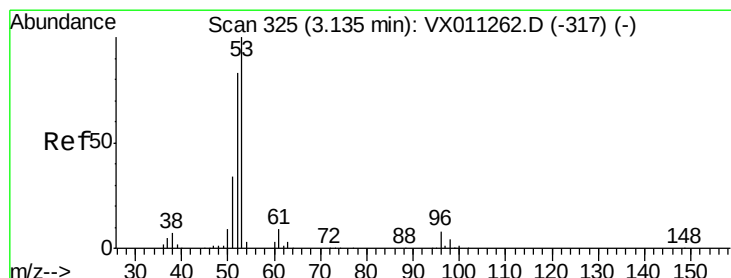
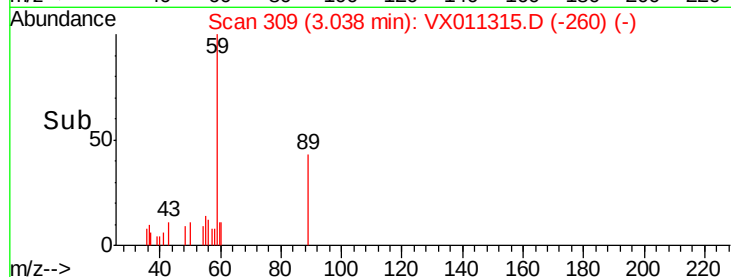
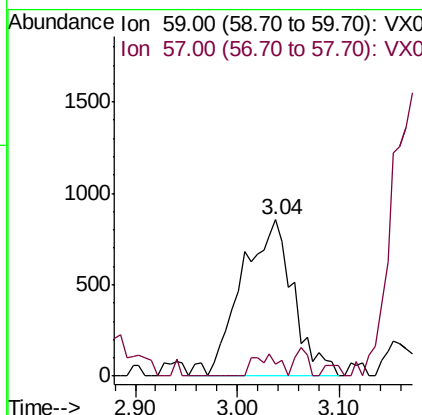
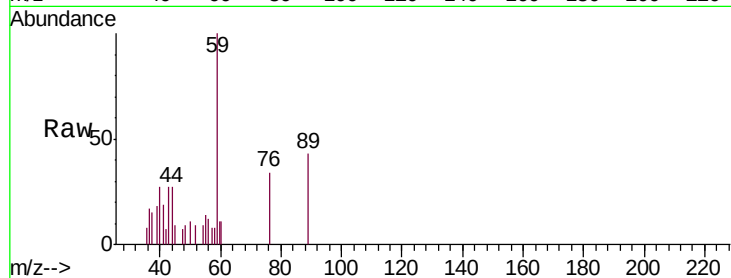




#11
Tert butyl alcohol
Concen: 10.633 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

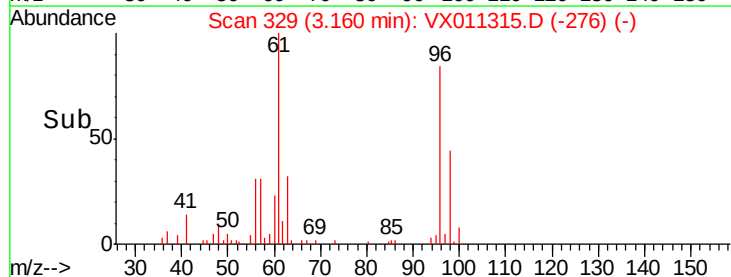
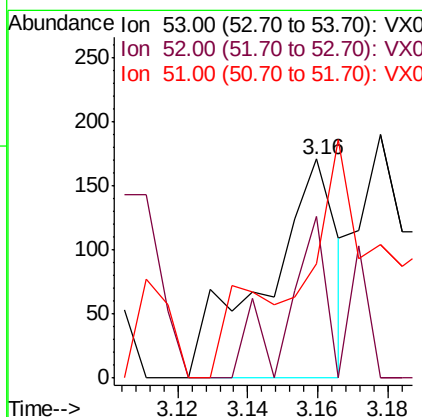
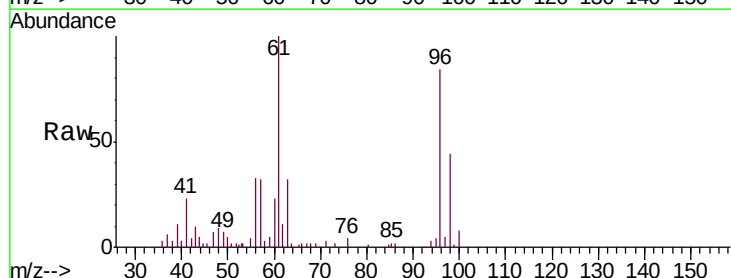
Instrument :
MSVOA_X
ClientSampled :
Z3-0686

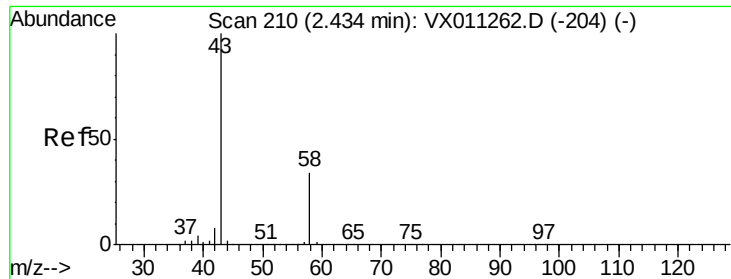
Tgt Ion: 59 Resp: 3021
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#15
Acrylonitrile
Concen: 0.353 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.02 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 53 Resp: 240
Ion Ratio Lower Upper
53 100
52 54.6 65.5 98.3#
51 120.0 27.9 41.9#





#16

Acetone

Concen: 1.691 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

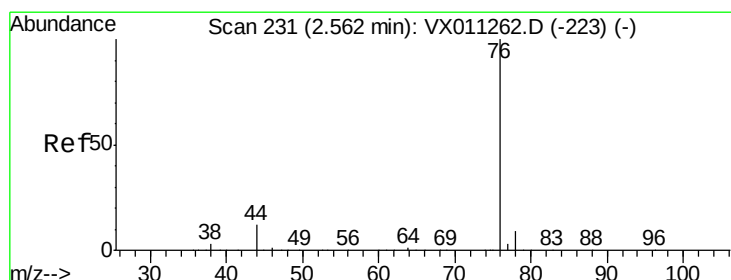
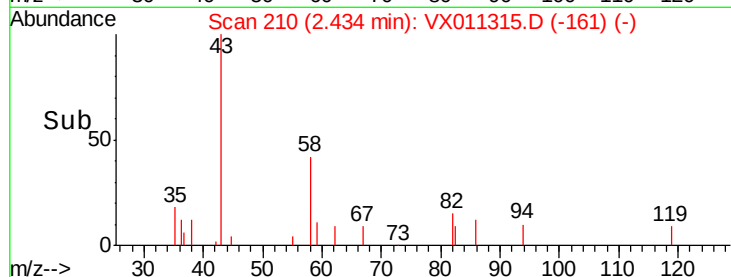
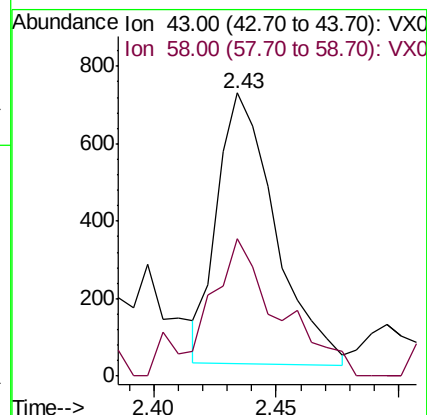
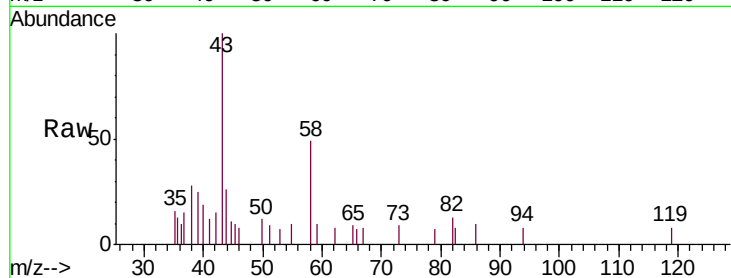
Z3-0686

Tgt Ion: 43 Resp: 1149

Ion Ratio Lower Upper

43 100

58 42.8 27.4 41.0#



#17

Carbon Disulfide

Concen: 0.457 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX011315.D

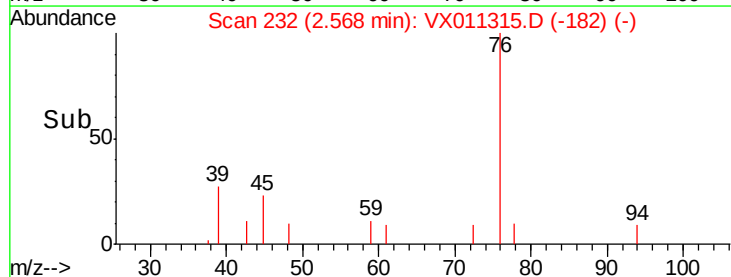
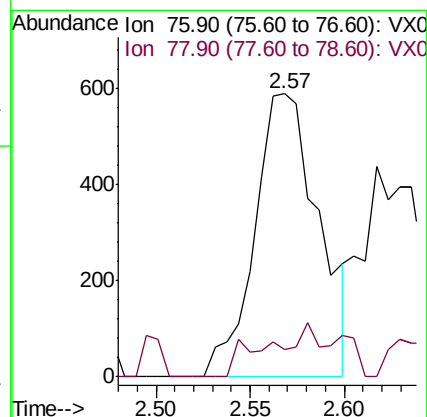
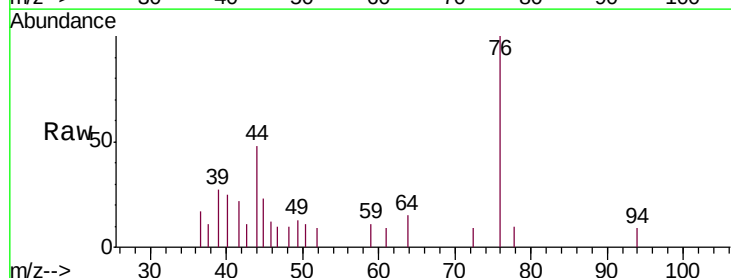
Acq: 02 Aug 2019 19:14

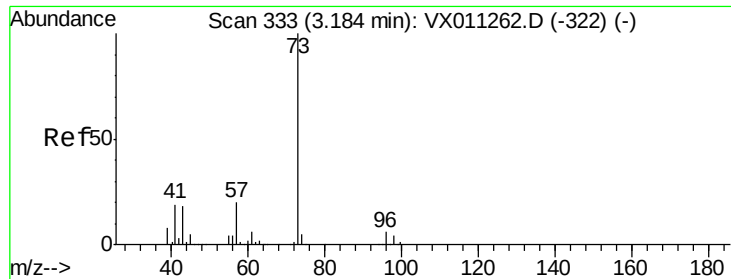
Tgt Ion: 76 Resp: 1383

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

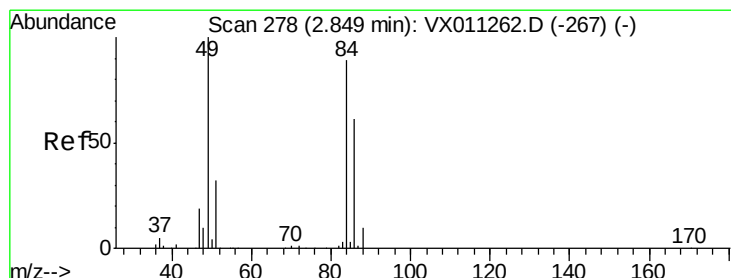
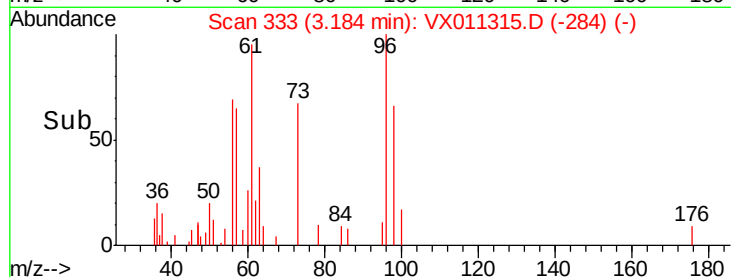
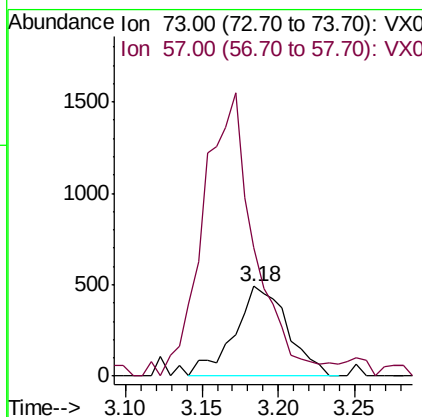
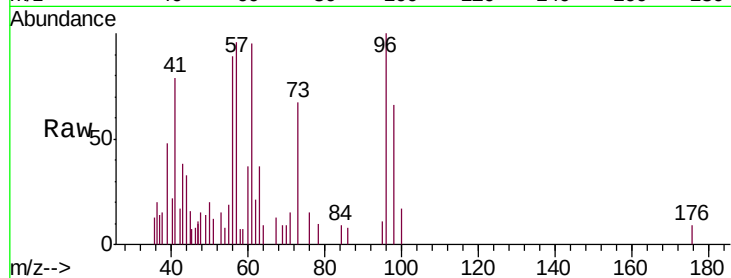




#19
Methyl tert-butyl Ether
Concen: 0.313 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

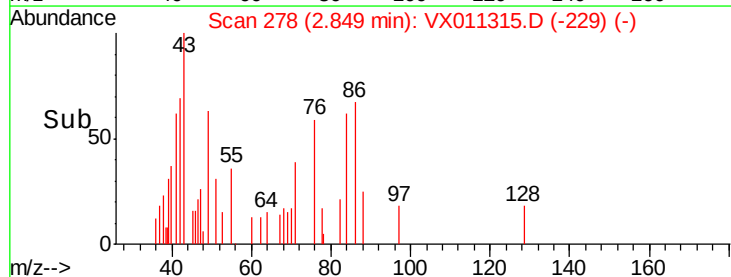
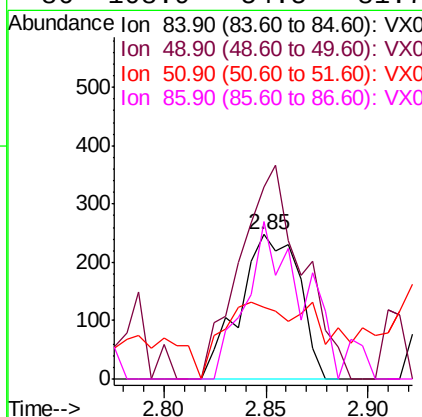
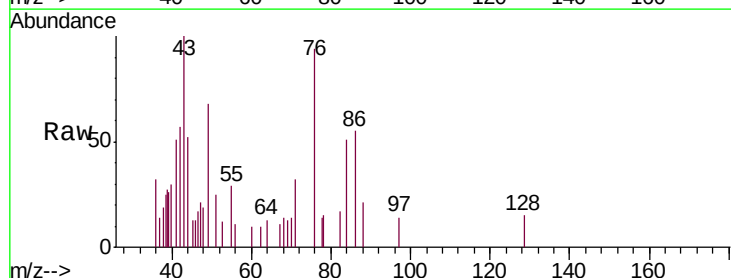
Instrument :
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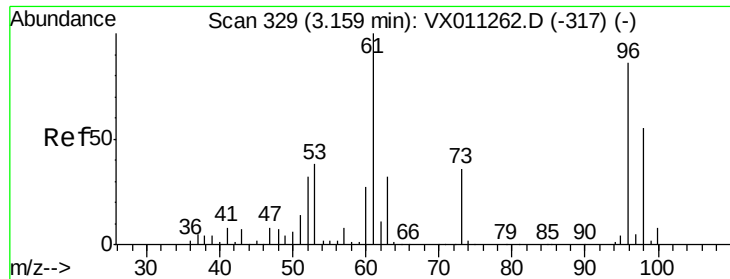
Tgt Ion: 73 Resp: 1188
Ion Ratio Lower Upper
73 100
57 129.4 16.2 24.2#



#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 84 Resp: 500
Ion Ratio Lower Upper
84 100
49 133.6 89.3 133.9
51 26.3 28.3 42.5#
86 108.9 54.5 81.7#





#21

trans-1,2-Dichloroethene

Concen: 4.242 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

Z3-0686

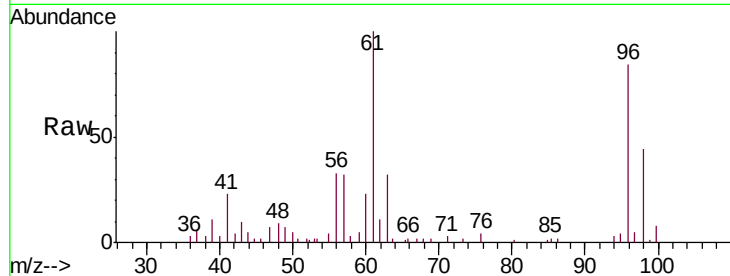
Tgt Ion: 96 Resp: 5788

Ion Ratio Lower Upper

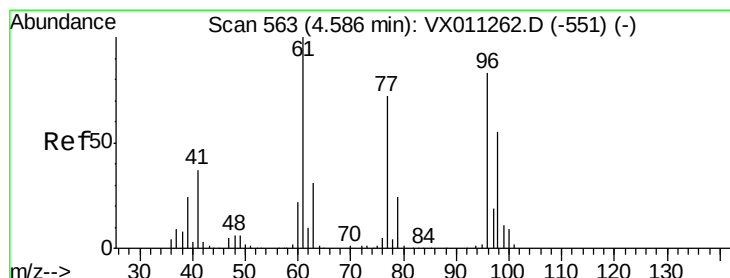
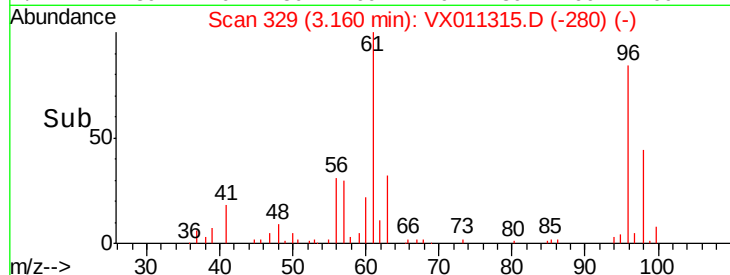
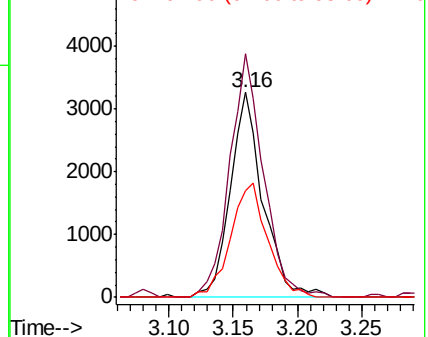
96 100

61 118.8 92.8 139.2

98 52.2 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.016 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

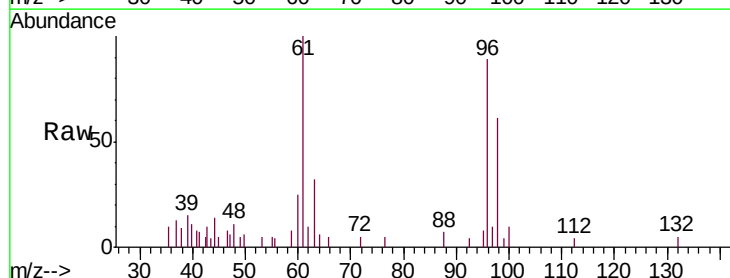
Tgt Ion: 96 Resp: 3169

Ion Ratio Lower Upper

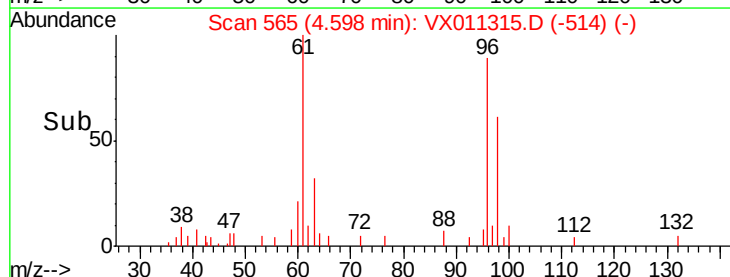
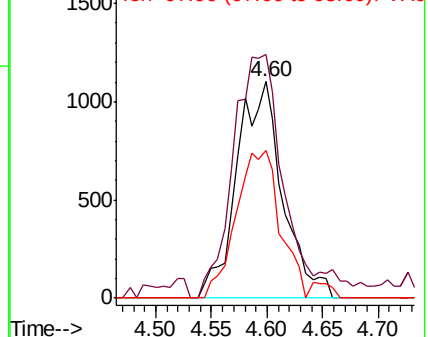
96 100

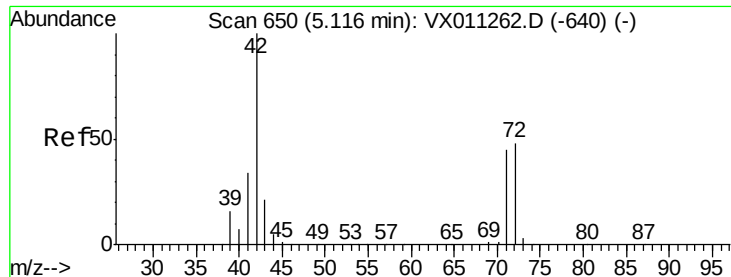
61 128.1 0.0 260.2

98 64.9 0.0 133.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

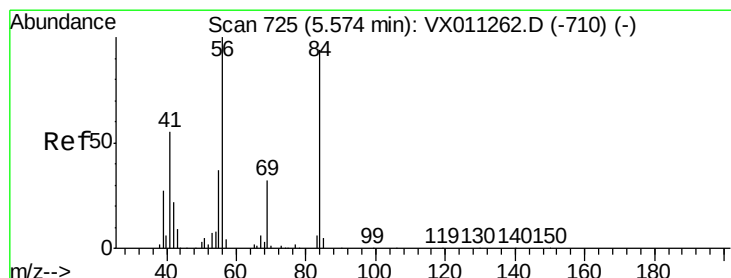
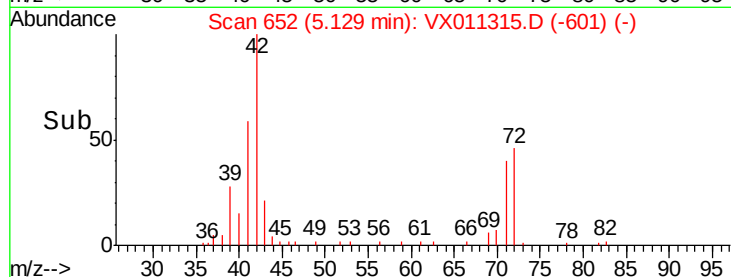
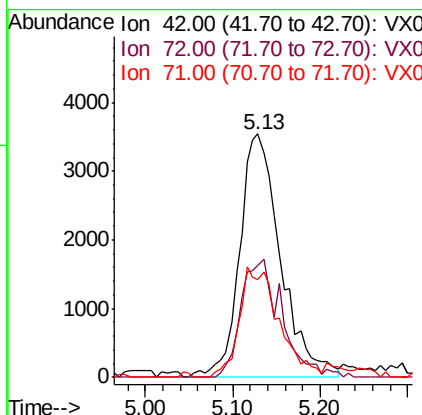
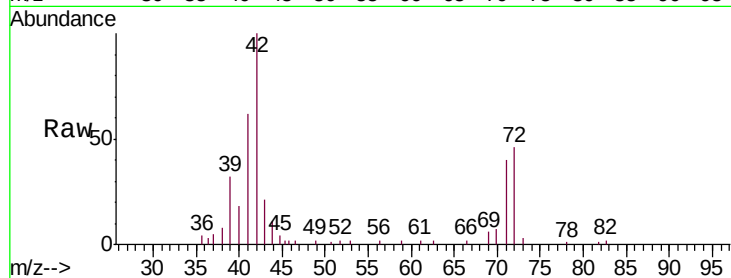




#29
Tetrahydrofuran
Concen: 19.520 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.01 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

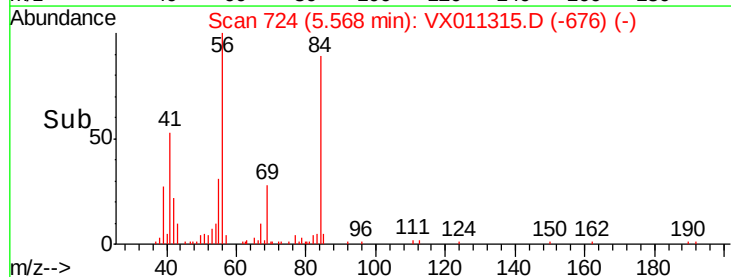
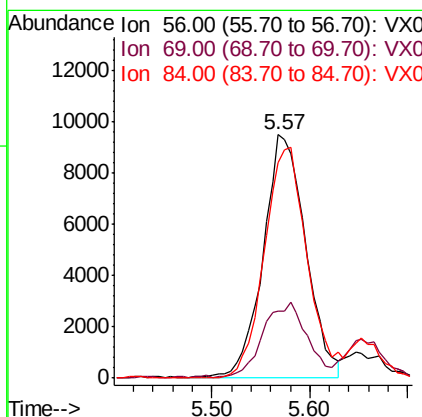
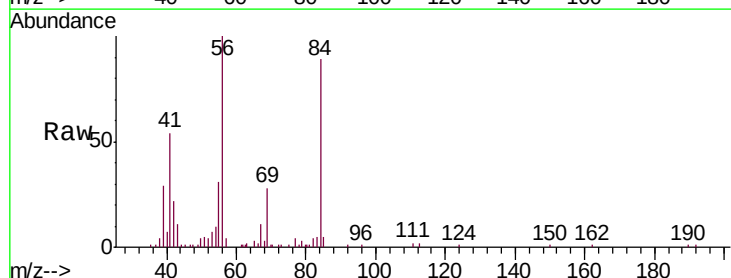
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

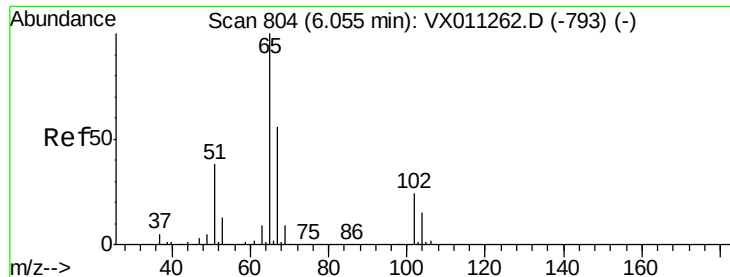
Tgt Ion: 42 Resp: 11570
Ion Ratio Lower Upper
42 100
72 48.3 39.9 59.9
71 43.5 36.9 55.3



#31
Cyclohexane
Concen: 15.704 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 56 Resp: 28874
Ion Ratio Lower Upper
56 100
69 27.7 25.5 38.3
84 88.5 75.0 112.4

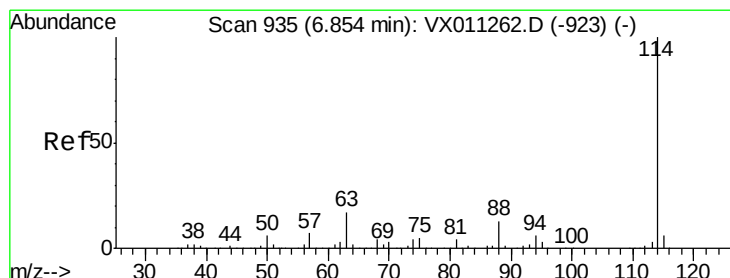
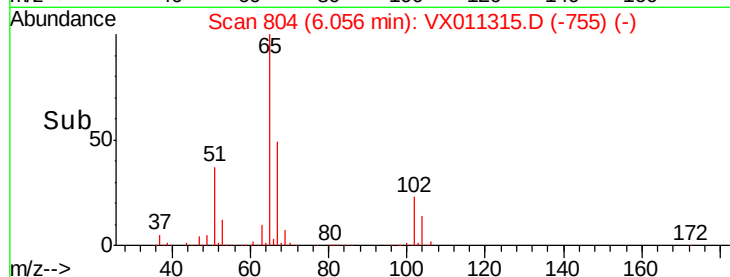
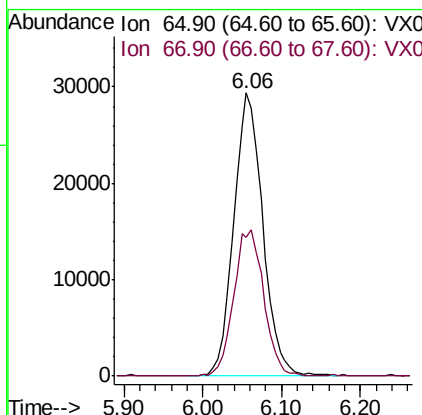
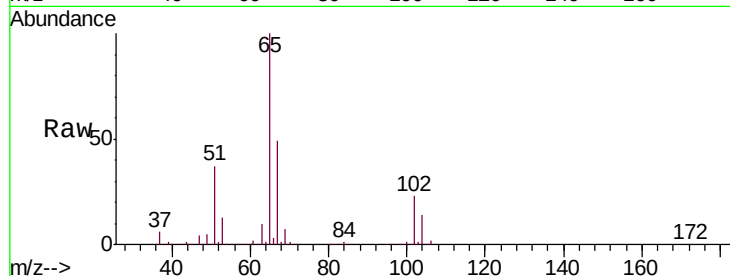




#33
 1,2-Dichloroethane-d4
 Concen: 52.760 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011315.D
 Acq: 02 Aug 2019 19:14

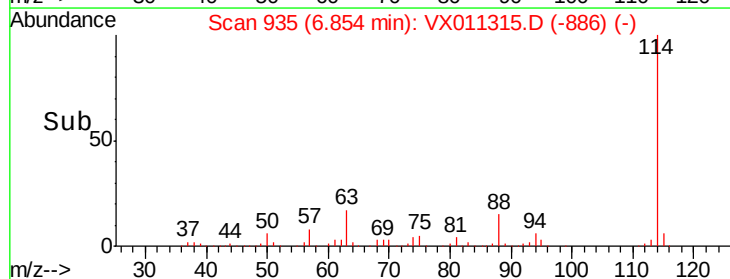
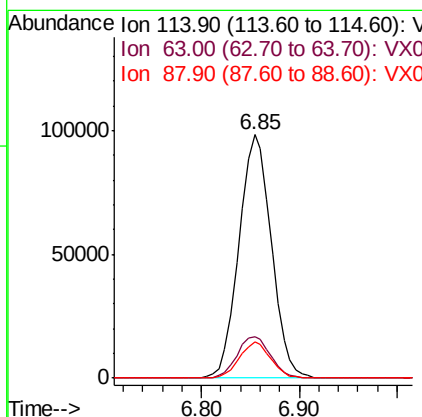
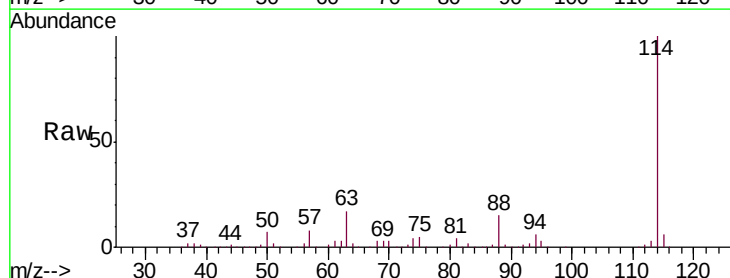
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0686

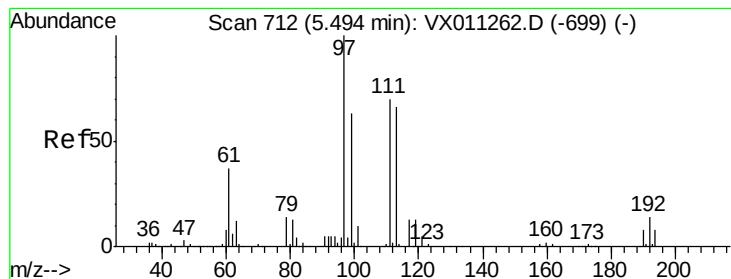
Tgt Ion: 65 Resp: 75328
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011315.D
 Acq: 02 Aug 2019 19:14

Tgt Ion: 114 Resp: 227140
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 15.1 0.0 26.4





#35

Dibromofluoromethane

Concen: 48.661 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

Z3-0686

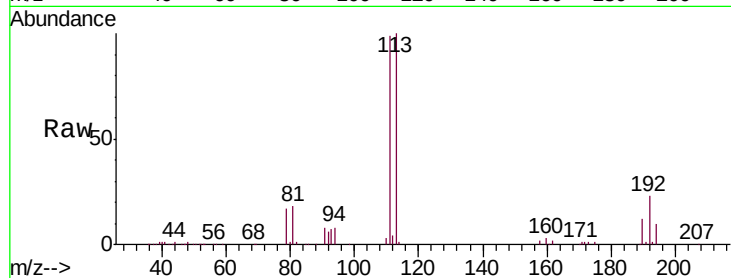
Tgt Ion:113 Resp: 72161

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

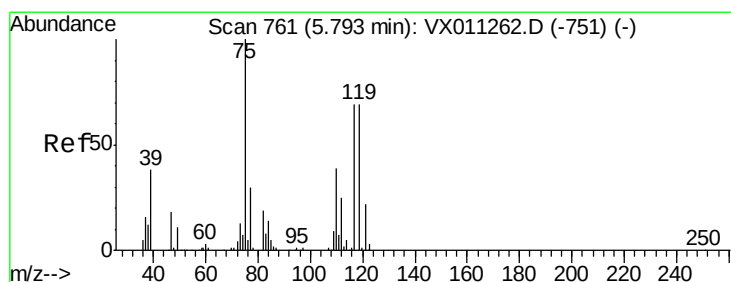
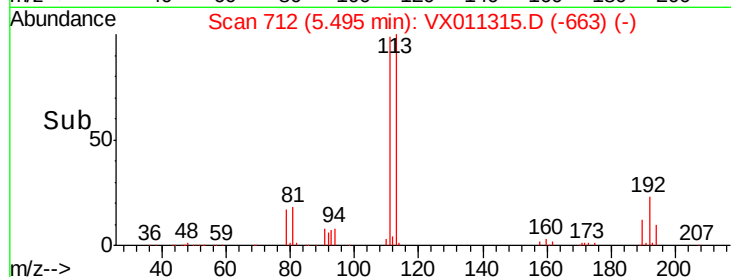
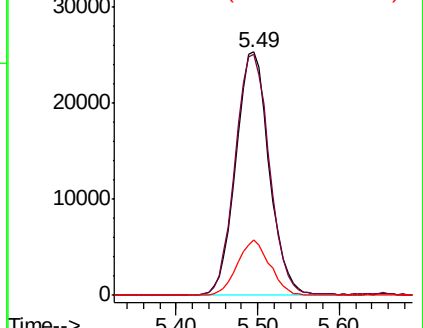
192 22.1 17.8 26.8



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: 4.792 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

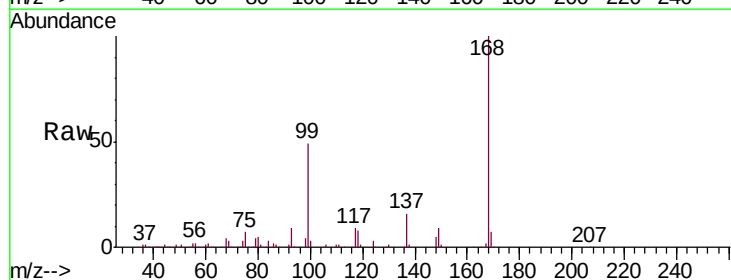
Tgt Ion: 75 Resp: 9503

Ion Ratio Lower Upper

75 100

110 11.9 20.0 59.9#

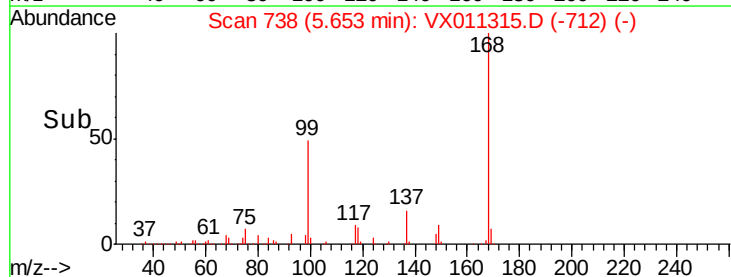
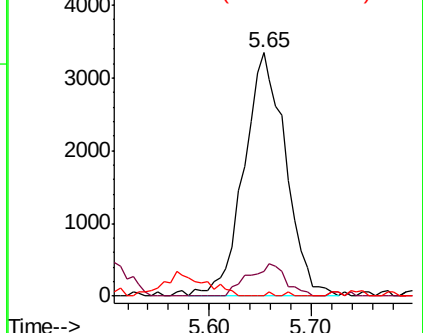
77 0.0 24.8 37.2#

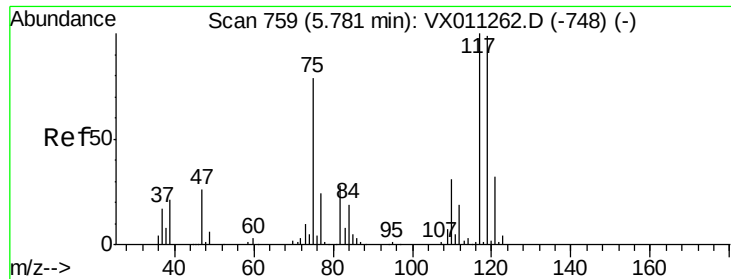


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

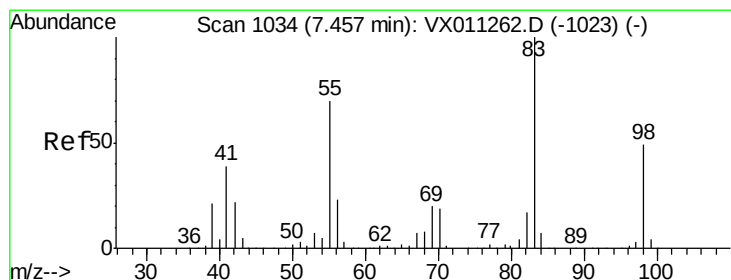
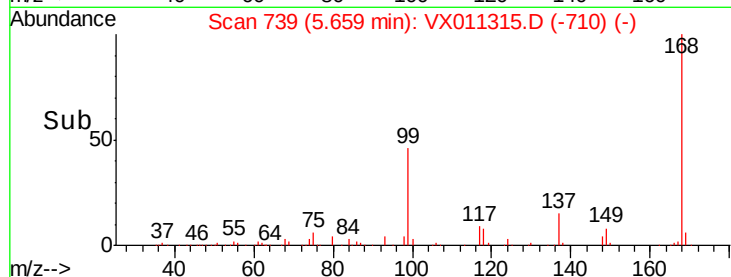
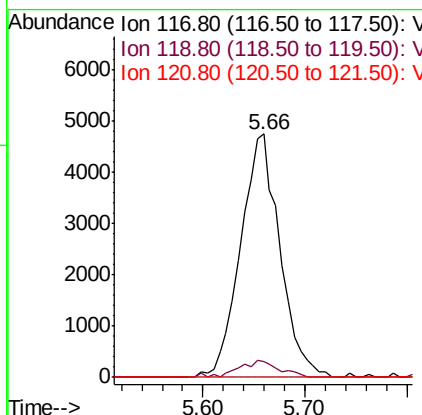
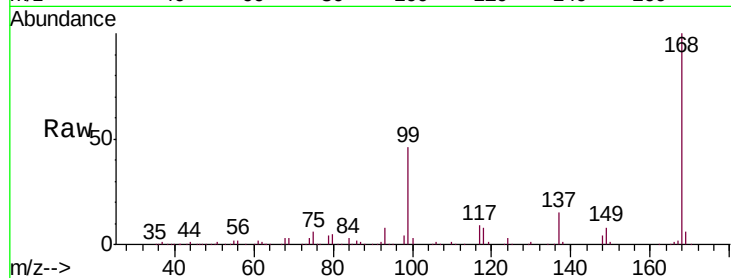




#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

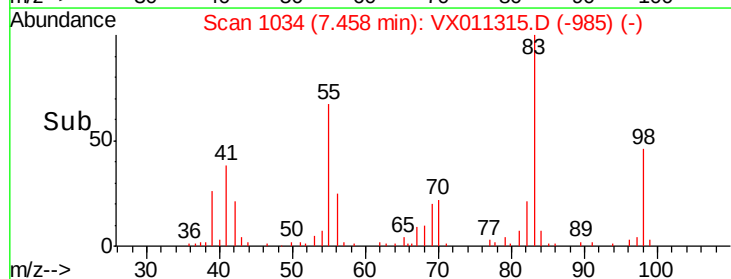
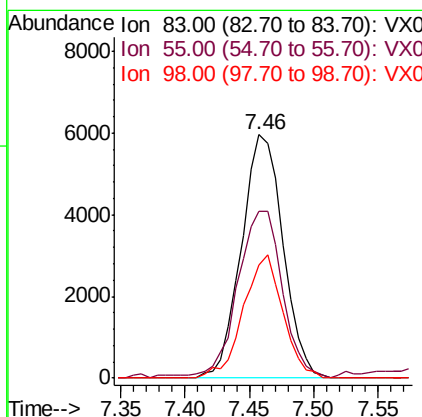
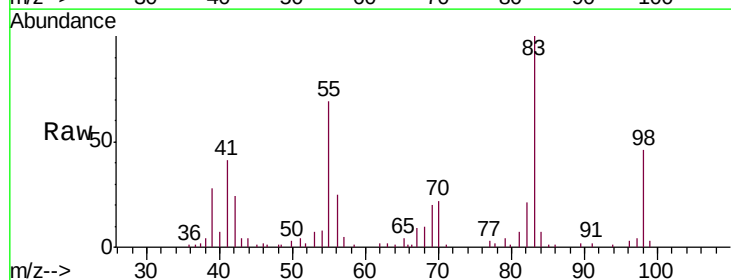
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

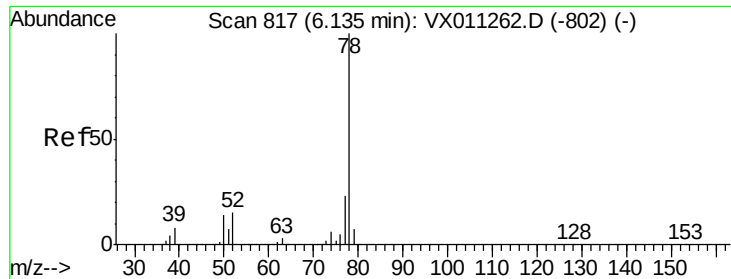
Tgt Ion:117 Resp: 12661
Ion Ratio Lower Upper
117 100
119 6.5 79.0 118.4#
121 0.0 25.9 38.9#



#39
Methylcyclohexane
Concen: 5.691 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 83 Resp: 13377
Ion Ratio Lower Upper
83 100
55 67.6 56.1 84.1
98 46.4 39.0 58.4





#40

Benzene

Concen: 214.195 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

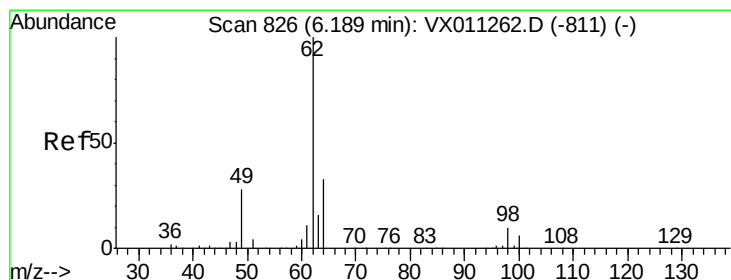
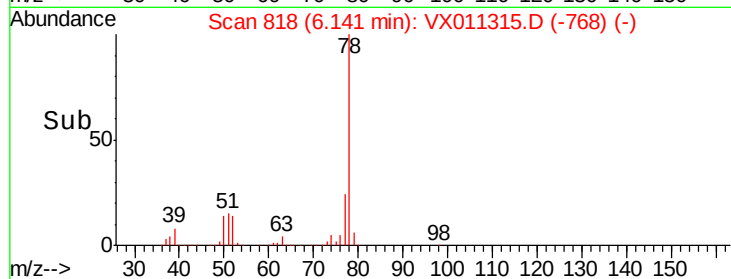
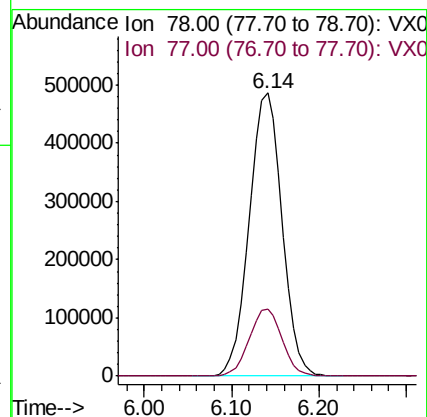
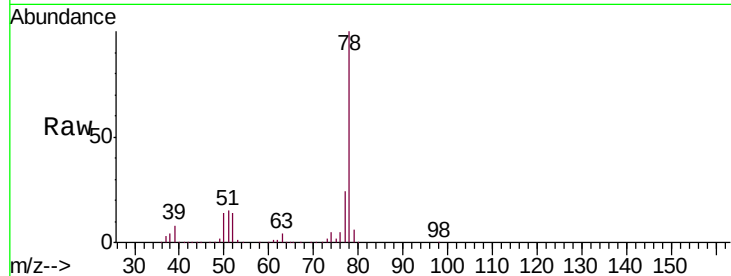
Z3-0686

Tgt Ion: 78 Resp: 1267577

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.2



#42

1,2-Dichloroethane

Concen: 5.713 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.05 min

Lab File: VX011315.D

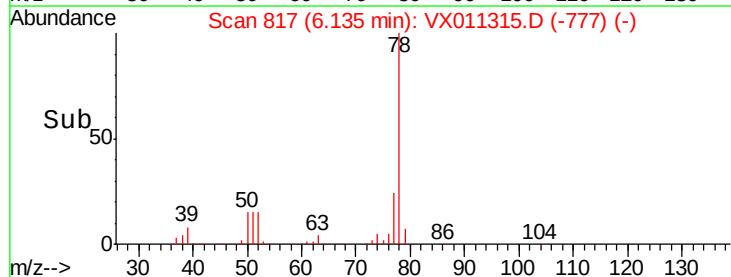
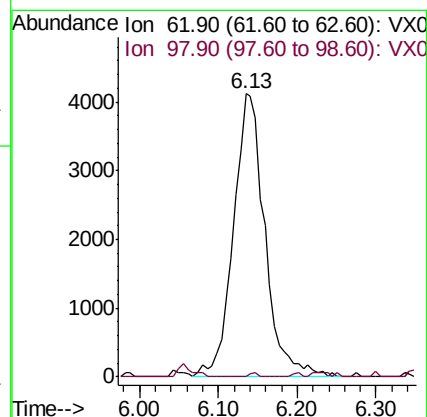
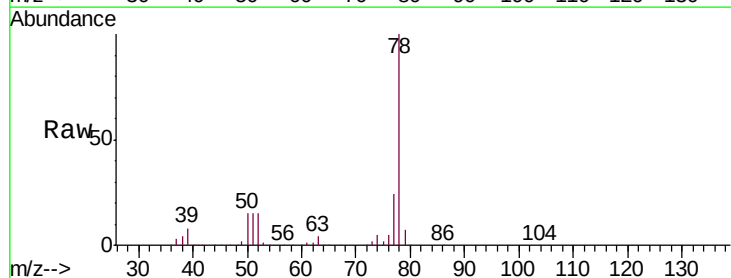
Acq: 02 Aug 2019 19:14

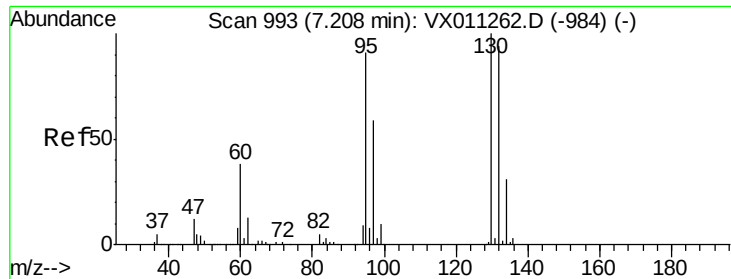
Tgt Ion: 62 Resp: 11433

Ion Ratio Lower Upper

62 100

98 0.4 0.0 20.6





#44

Trichloroethene

Concen: 0.831 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

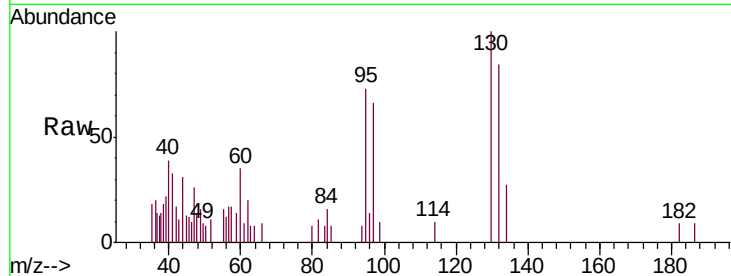
Z3-0686

Tgt Ion:130 Resp: 1488

Ion Ratio Lower Upper

130 100

95 73.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

600

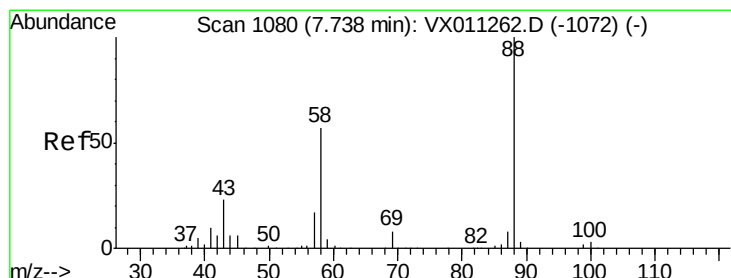
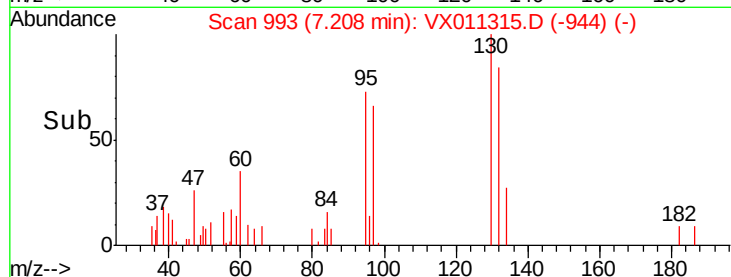
400

200

0

7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.507 ug/l

RT: 7.71 min Scan# 1076

Delta R.T. -0.02 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

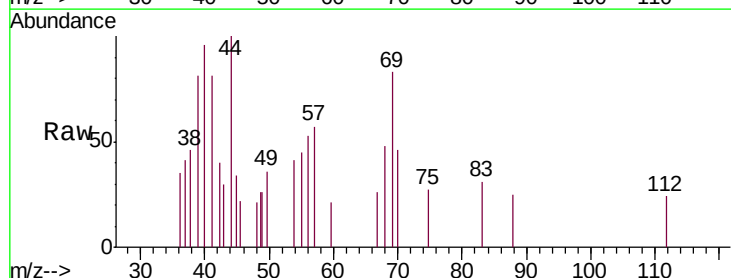
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 568.2 22.2 33.2#

58 409.1 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150

100

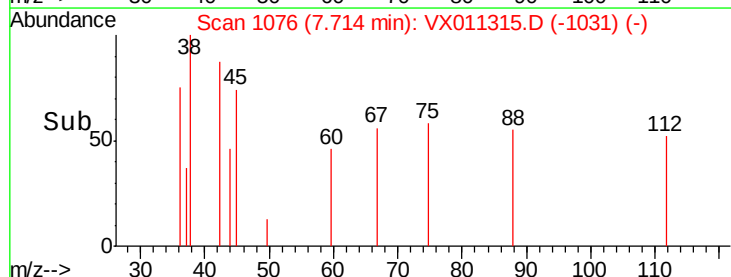
75

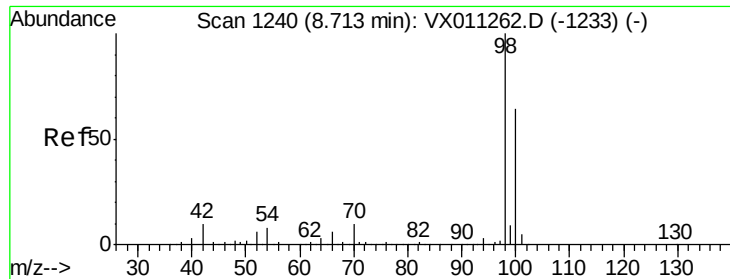
50

0

7.69 7.70 7.71 7.72 7.73

Time-->

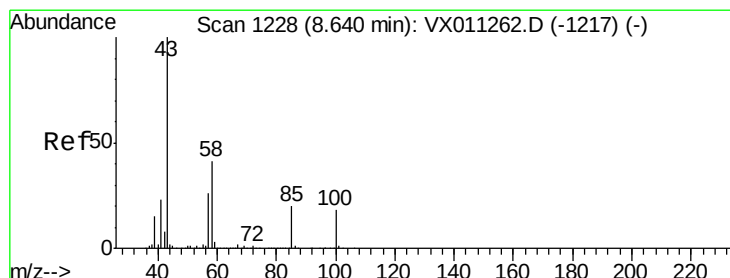
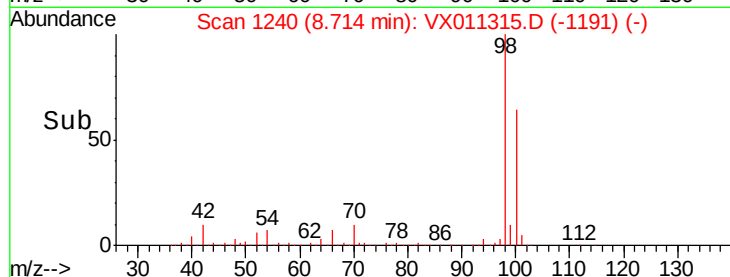
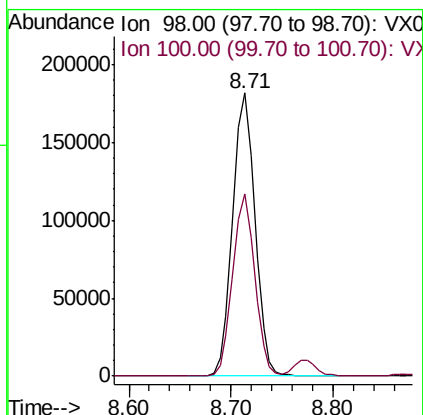
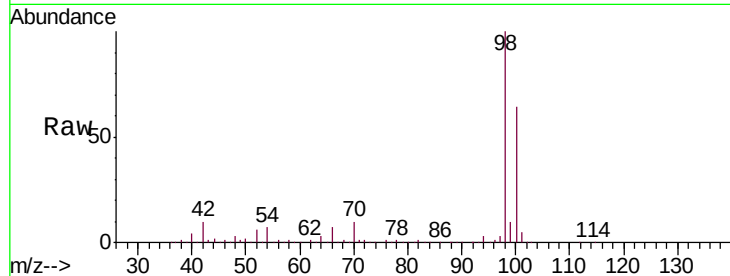




#50
Toluene-d8
Concen: 49.276 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

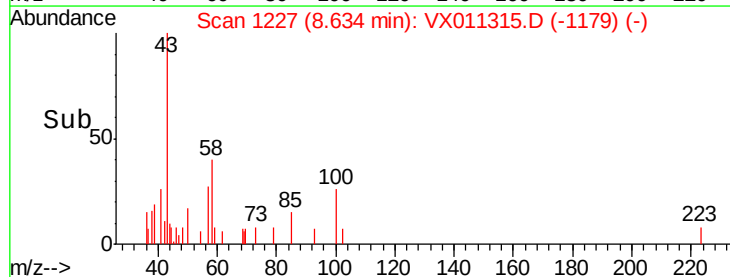
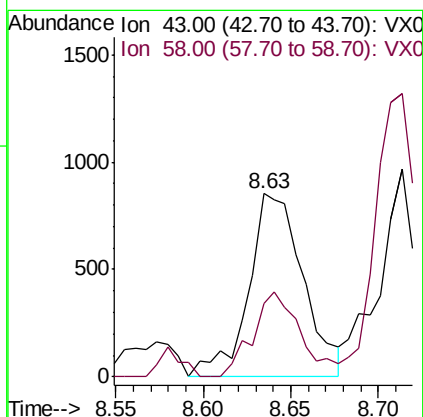
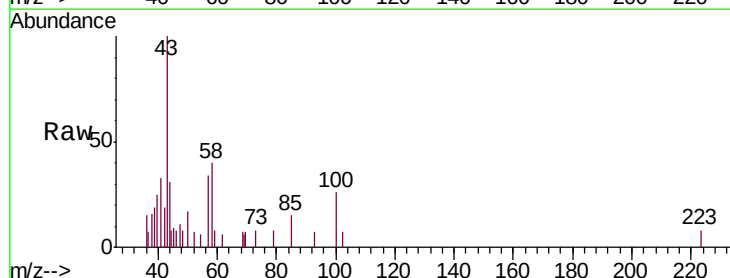
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

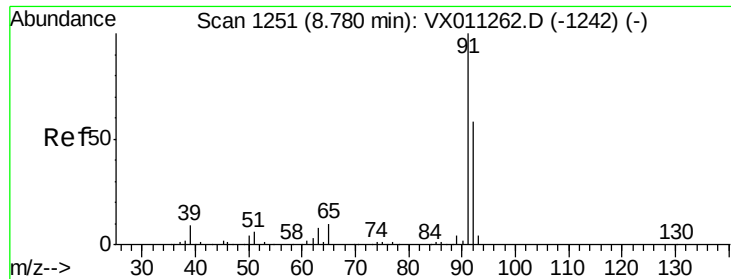
Tgt Ion: 98 Resp: 275829
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.907 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
58 40.6 32.3 48.5





#52

Toluene

Concen: 0.292 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

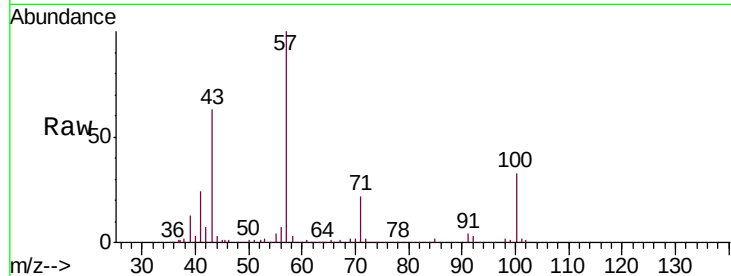
Z3-0686

Tgt Ion: 92 Resp: 1143

Ion Ratio Lower Upper

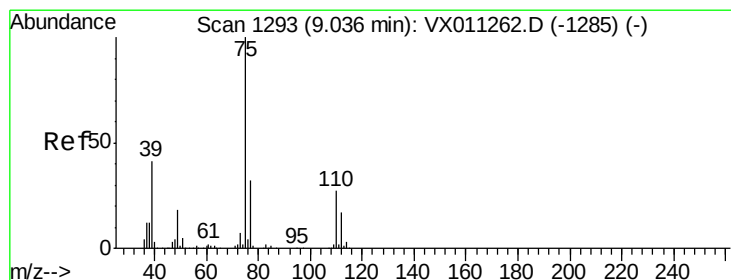
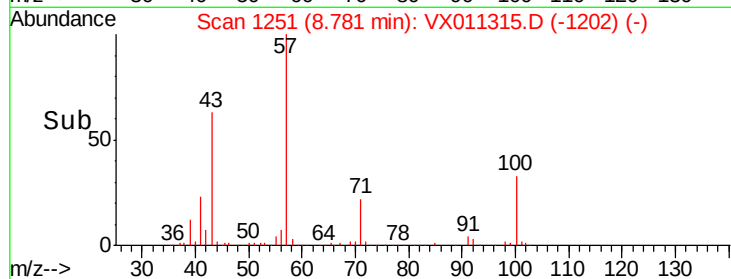
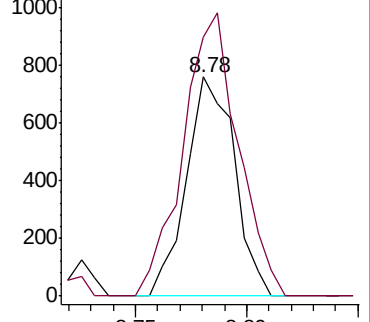
92 100

91 148.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.847 ug/l

RT: 9.09 min Scan# 1302

Delta R.T. 0.06 min

Lab File: VX011315.D

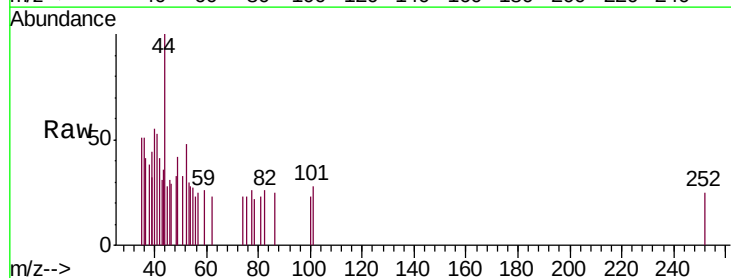
Acq: 02 Aug 2019 19:14

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

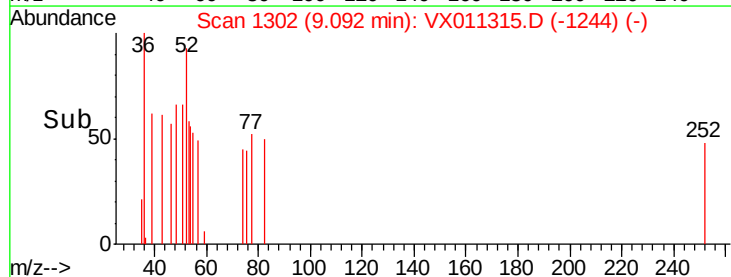
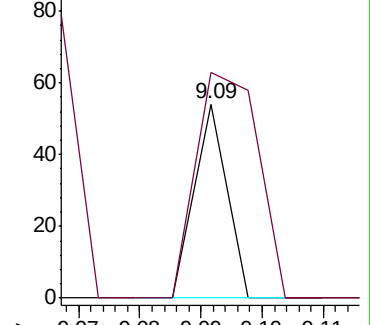
75 100

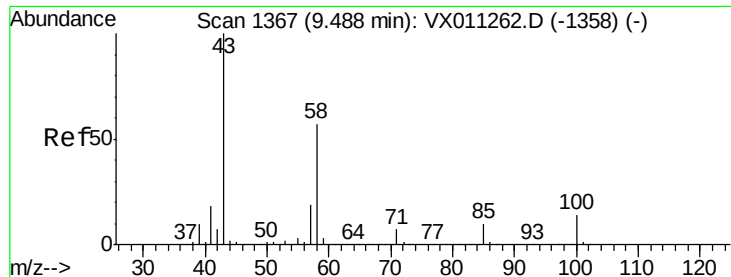
77 116.7 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

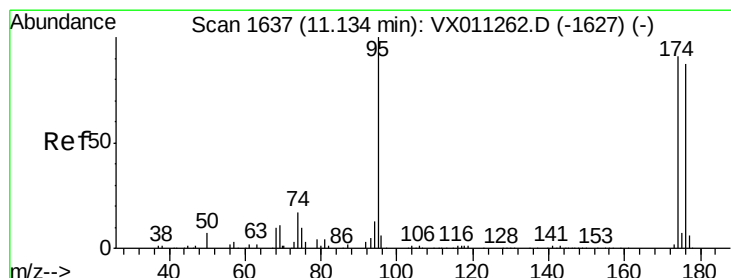
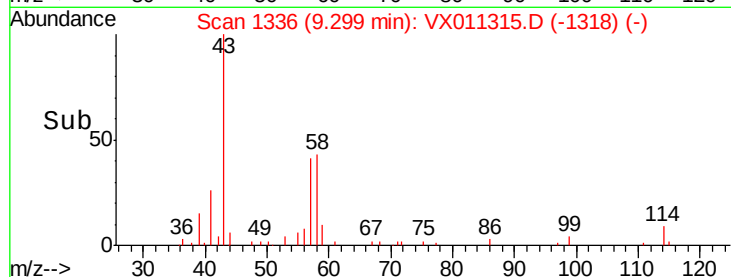
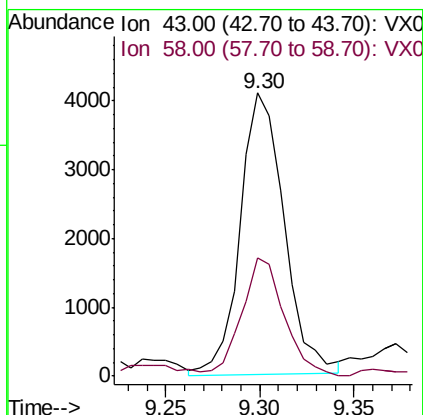
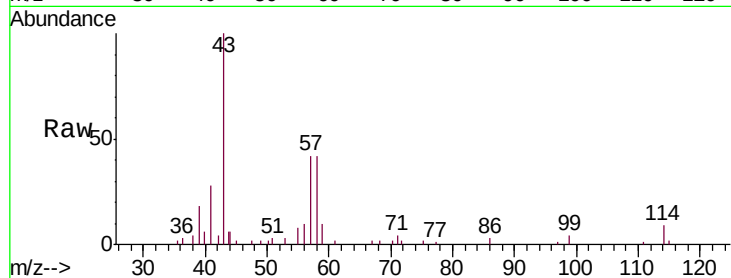




#59
2-Hexanone
Concen: 4.157 ug/l
RT: 9.30 min Scan# 1336
Delta R.T. -0.19 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

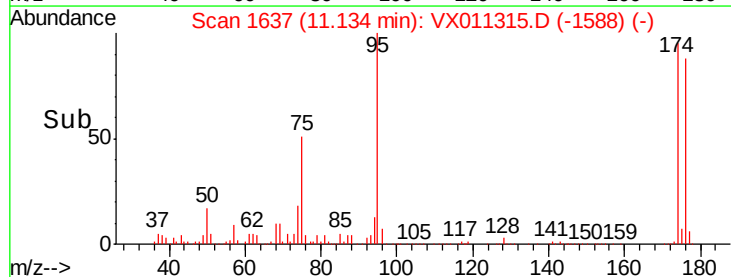
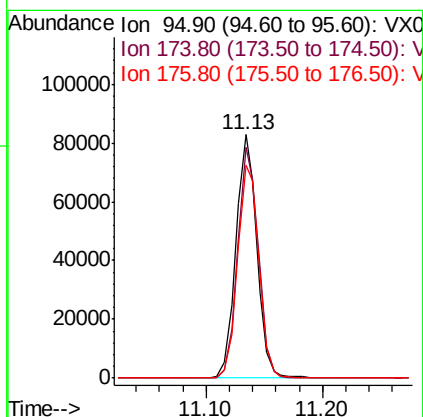
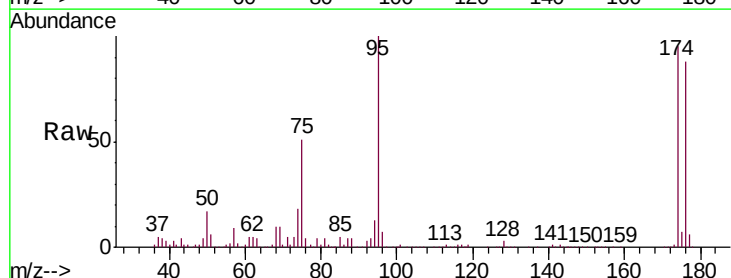
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

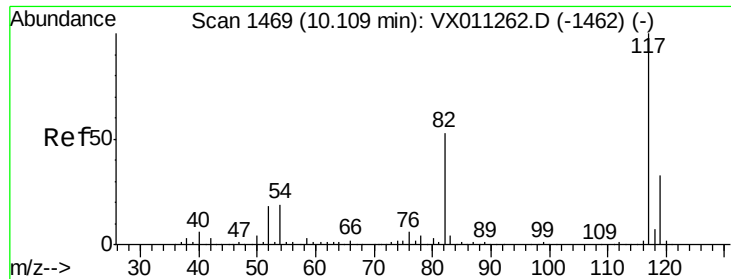
Tgt Ion: 43 Resp: 6609
Ion Ratio Lower Upper
43 100
58 40.9 28.2 84.6



#62
4-Bromofluorobenzene
Concen: 52.051 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 95 Resp: 104026
Ion Ratio Lower Upper
95 100
174 93.3 0.0 191.2
176 88.8 0.0 184.8

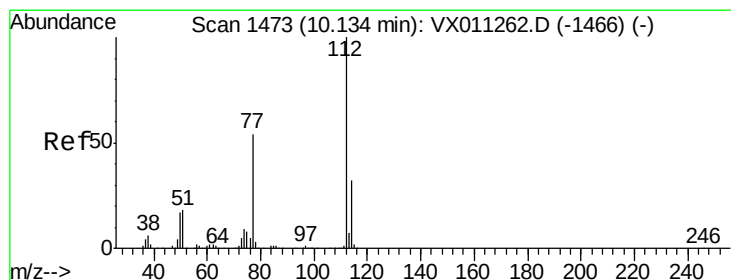
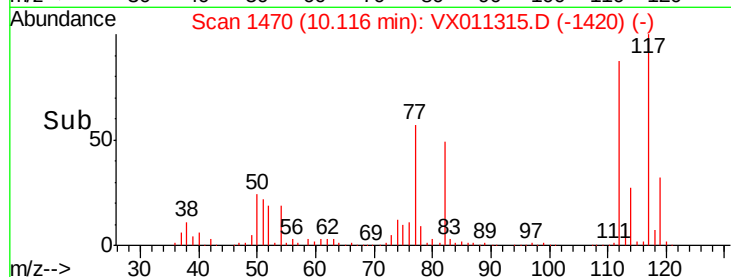
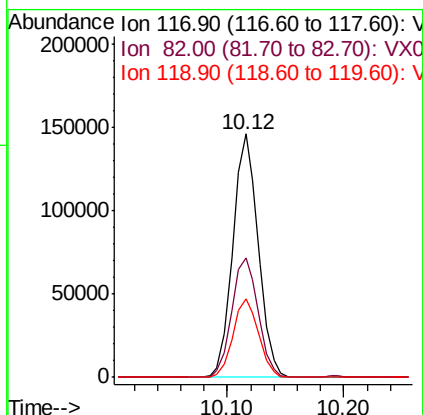
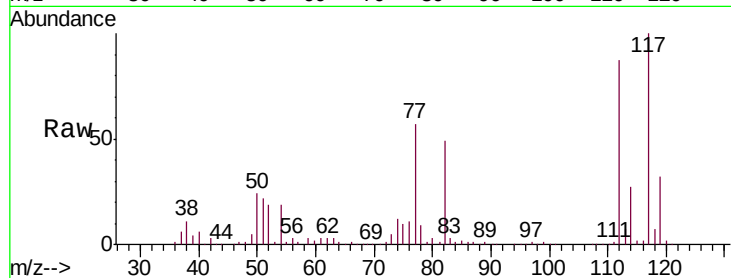




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

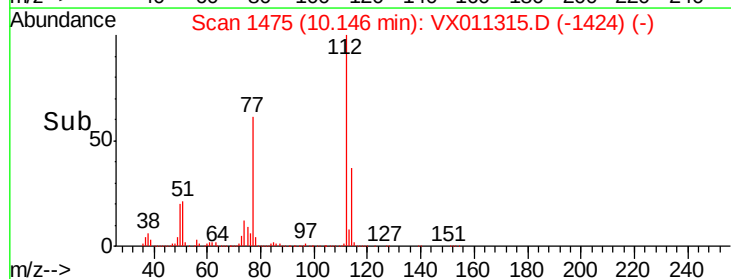
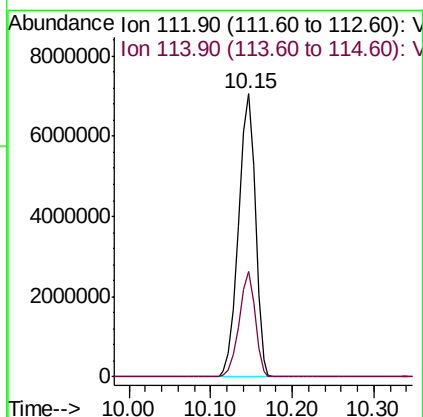
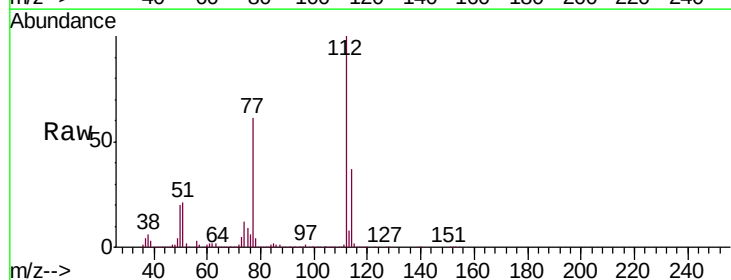
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

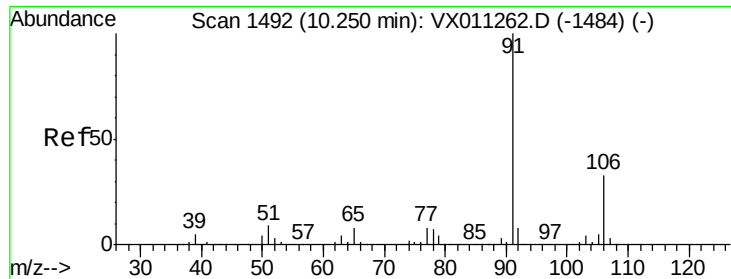
Tgt Ion:117 Resp: 221081
Ion Ratio Lower Upper
117 100
82 49.2 42.2 63.2
119 32.1 26.6 39.8



#65
Chlorobenzene
Concen: 2095.999 ug/l
RT: 10.15 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion:112 Resp: 9935631
Ion Ratio Lower Upper
112 100
114 37.0 25.9 38.9

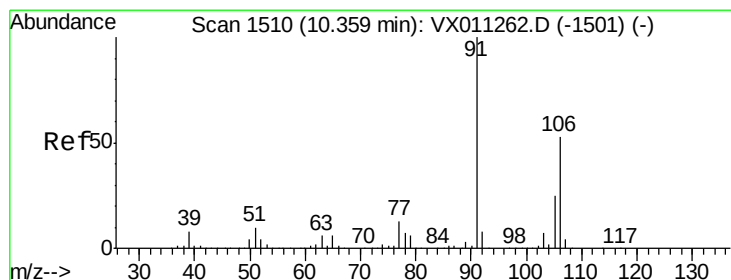
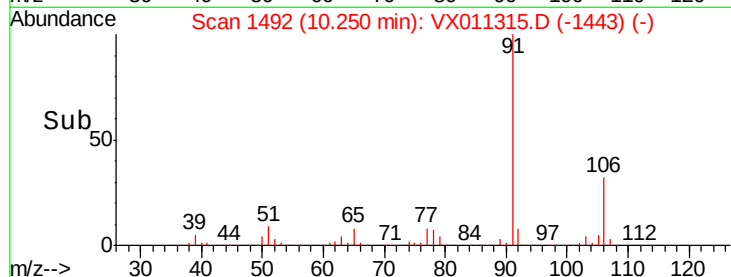
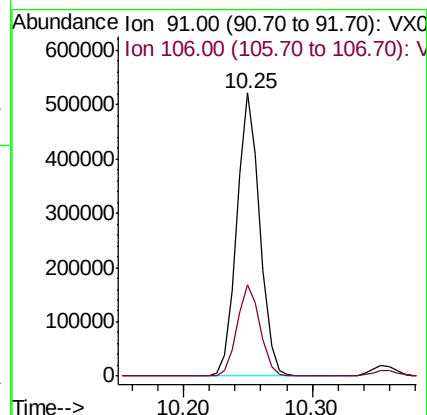
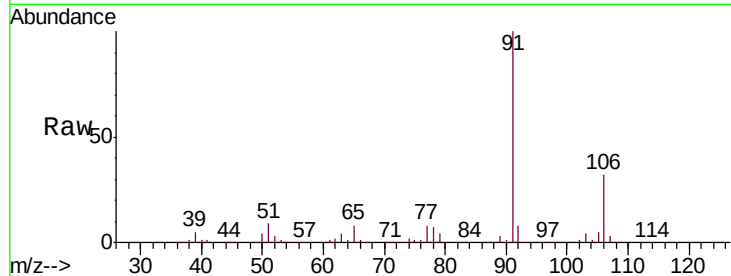




#67
Ethyl Benzene
Concen: 81.499 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

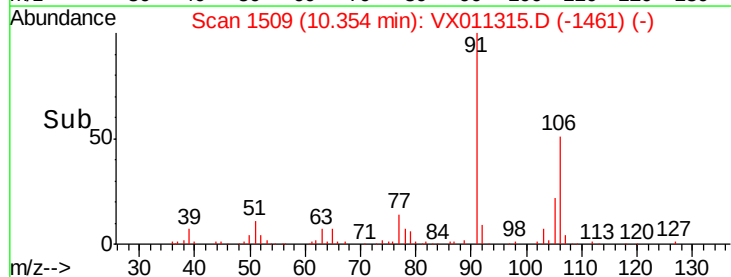
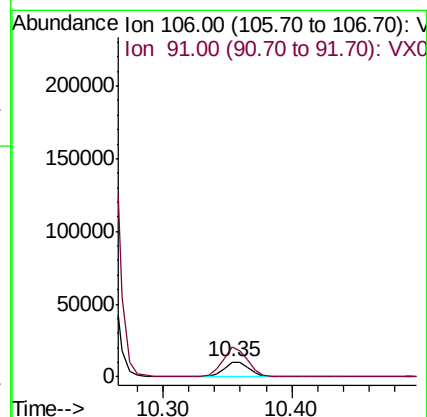
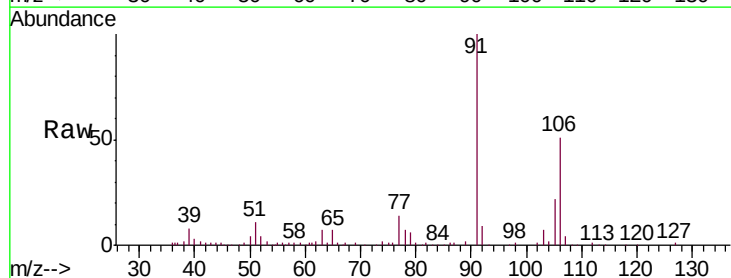
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

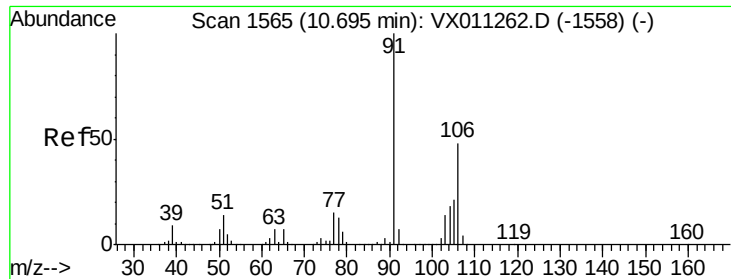
Tgt Ion: 91 Resp: 647004
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.4



#68
m/p-Xylenes
Concen: 4.747 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 106 Resp: 14578
Ion Ratio Lower Upper
106 100
91 189.8 155.9 233.9

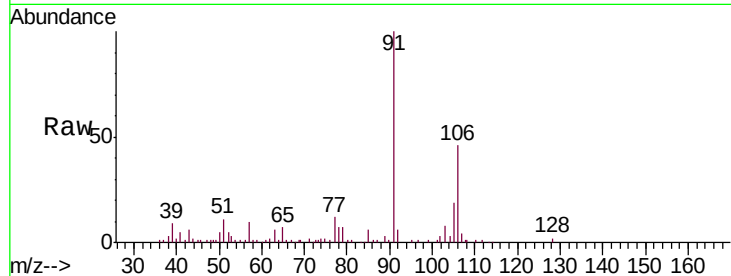




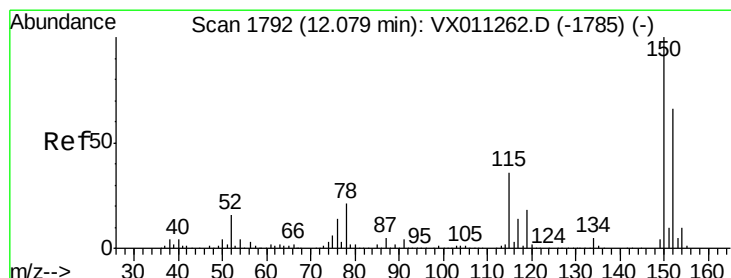
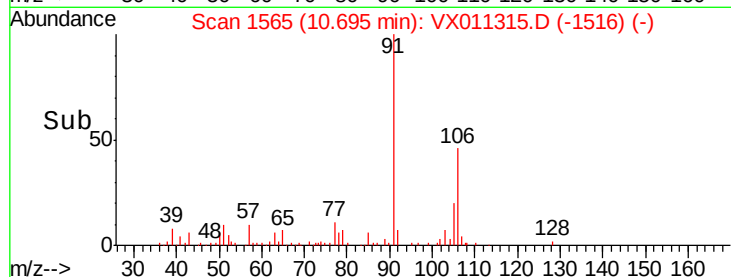
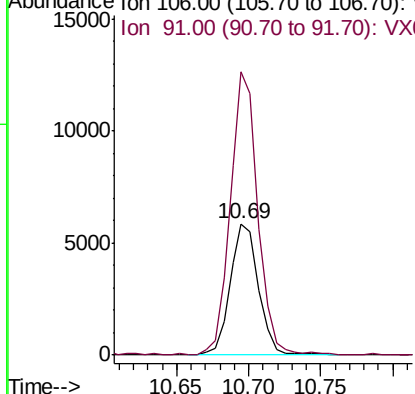
#69
o-Xylene
Concen: 2.696 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

Tgt Ion:106 Resp: 8135
Ion Ratio Lower Upper
106 100
91 208.1 103.8 311.3

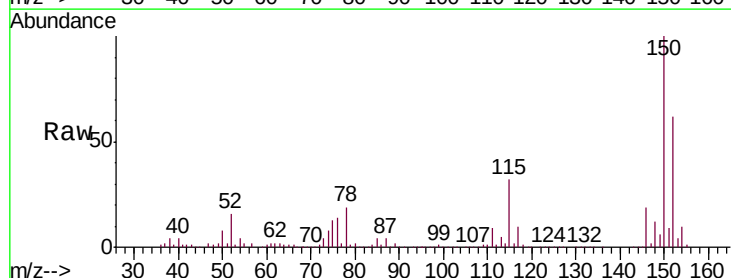


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

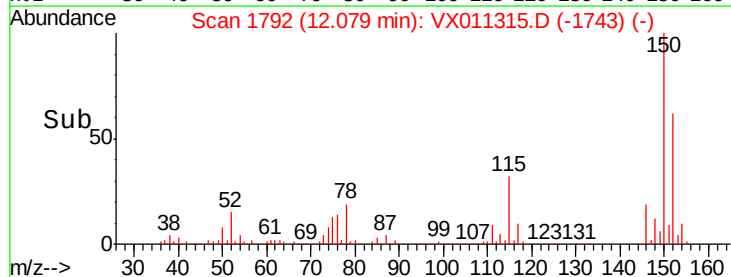
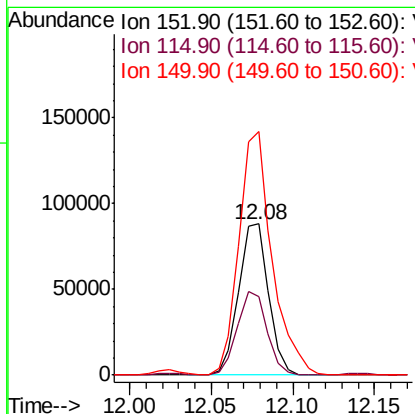


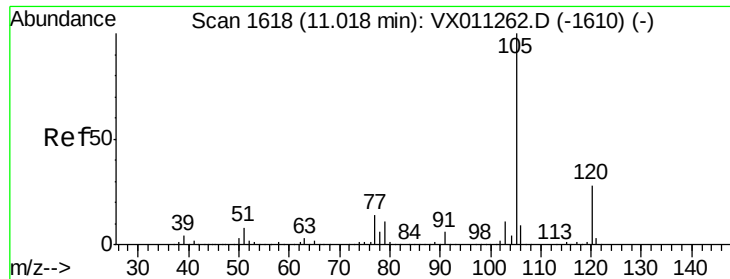
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion:152 Resp: 112906
Ion Ratio Lower Upper
152 100
115 55.2 40.0 119.9
150 177.4 0.0 350.4



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

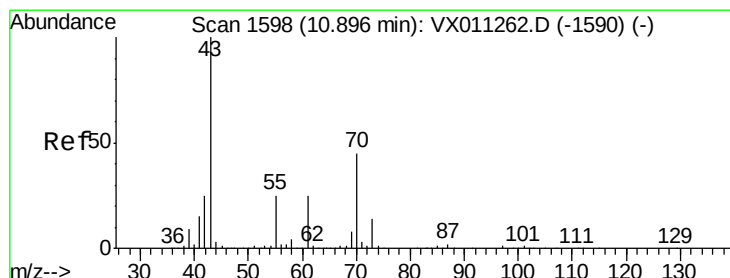
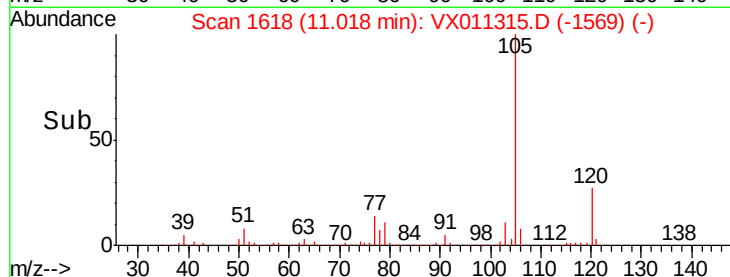
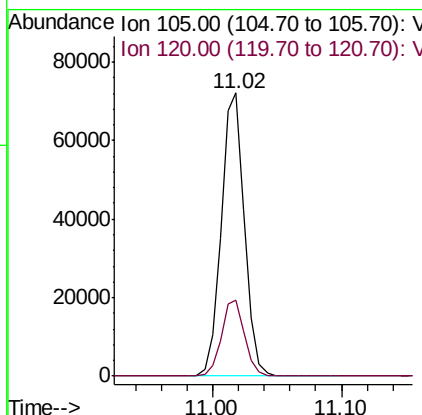
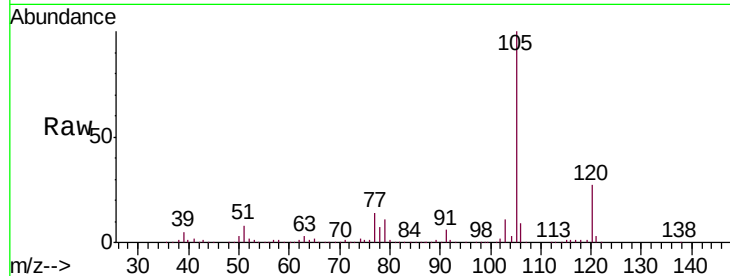




#73
Isopropylbenzene
Concen: 11.836 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

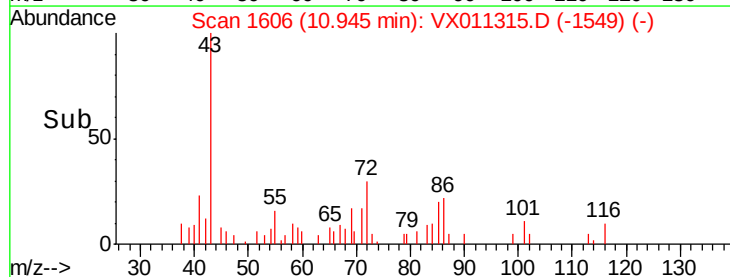
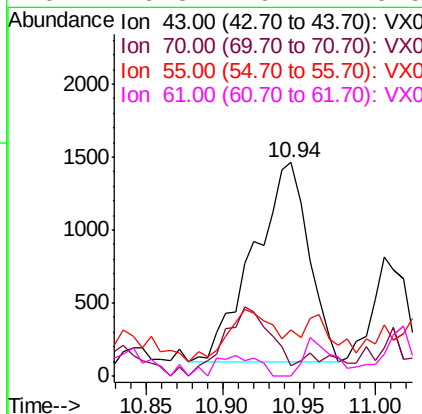
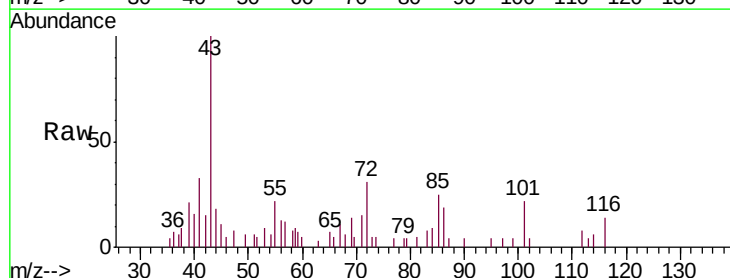
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

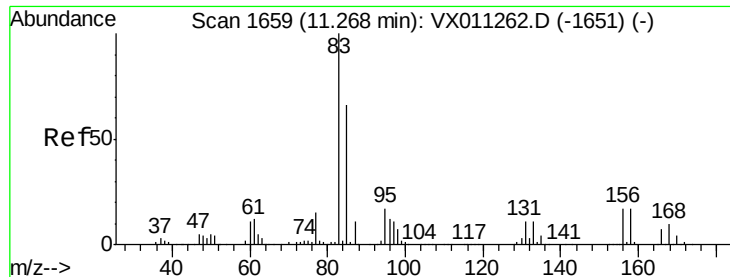
Tgt Ion: 105 Resp: 91397
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.1



#74
N-ethyl acetate
Concen: 1.217 ug/l
RT: 10.94 min Scan# 1606
Delta R.T. 0.05 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion: 43 Resp: 3397
Ion Ratio Lower Upper
43 100
70 0.0 35.9 53.9#
55 8.2 19.8 29.6#
61 10.3 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.237 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.02 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

Z3-0686

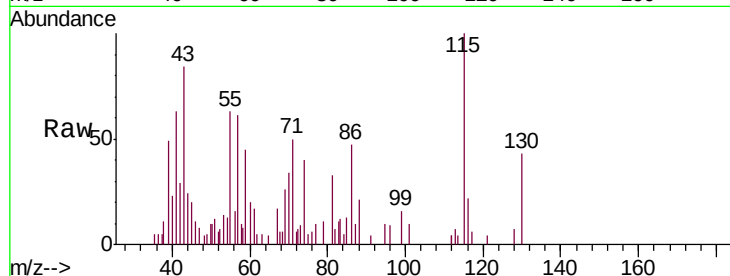
Tgt Ion: 83 Resp: 611

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

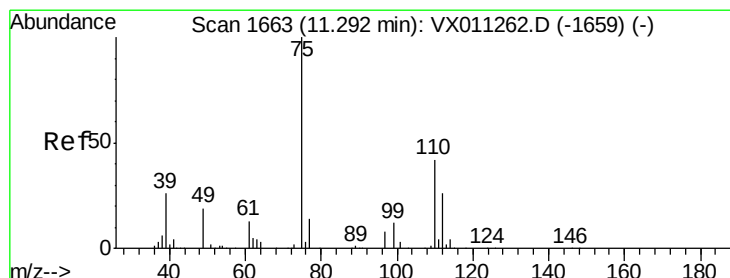
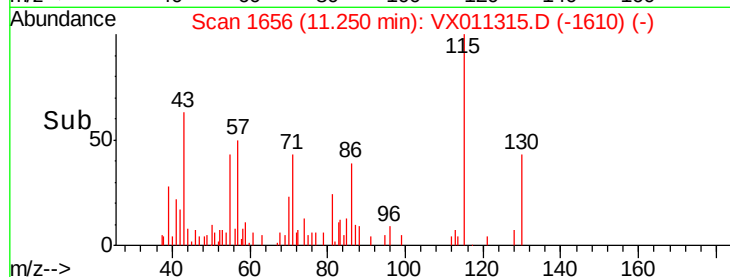
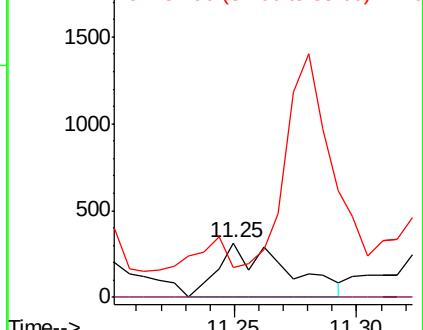
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.018 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011315.D

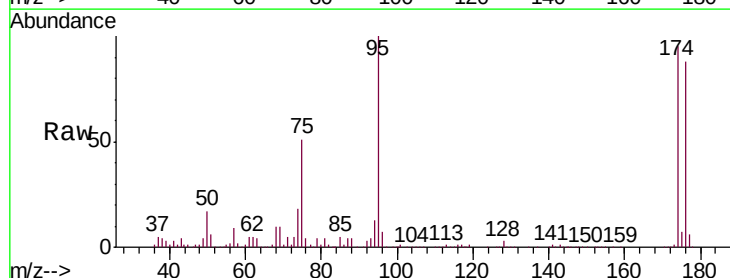
Acq: 02 Aug 2019 19:14

Tgt Ion: 75 Resp: 51440

Ion Ratio Lower Upper

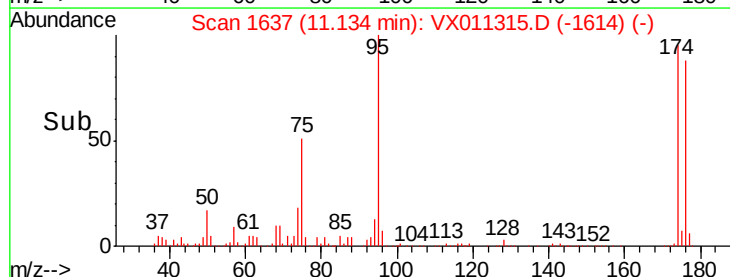
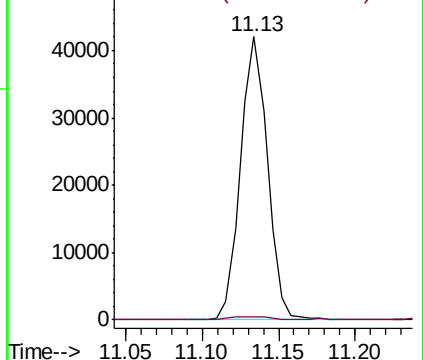
75 100

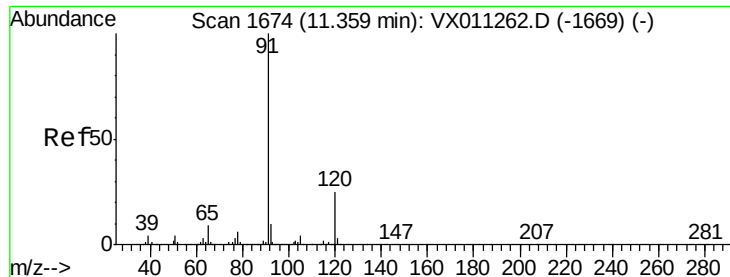
77 2.1 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 11.009 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

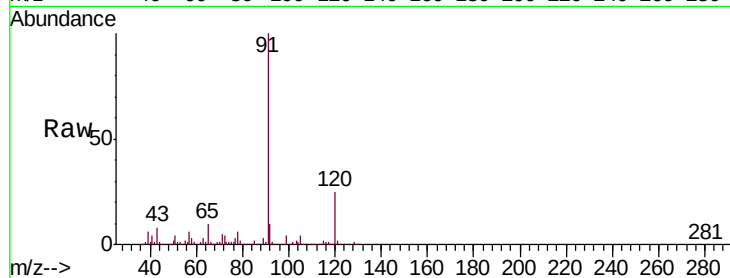
Z3-0686

Tgt Ion: 91 Resp: 94534

Ion Ratio Lower Upper

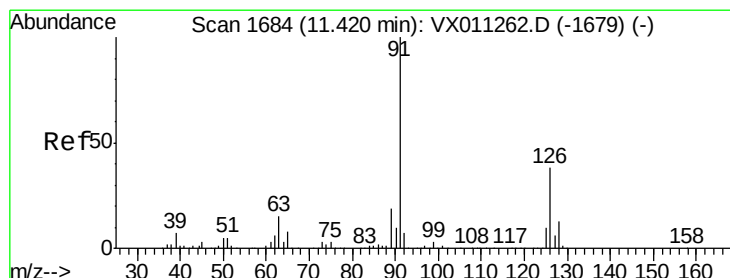
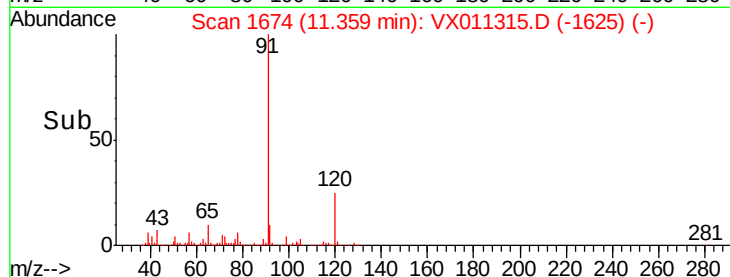
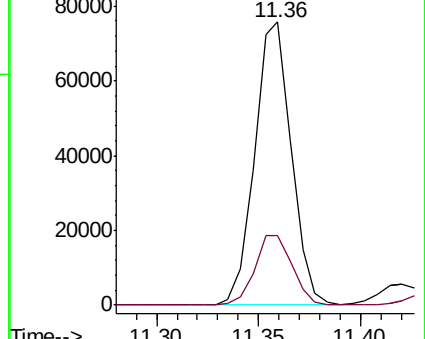
91 100

120 25.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.807 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011315.D

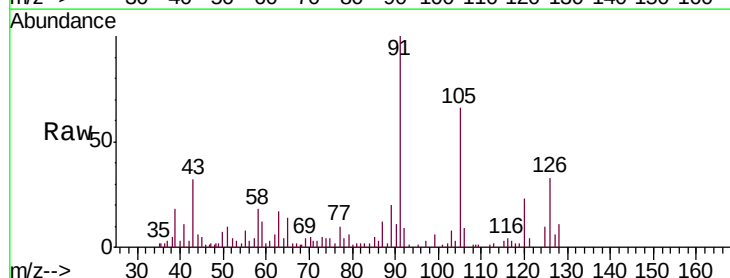
Acq: 02 Aug 2019 19:14

Tgt Ion: 91 Resp: 9249

Ion Ratio Lower Upper

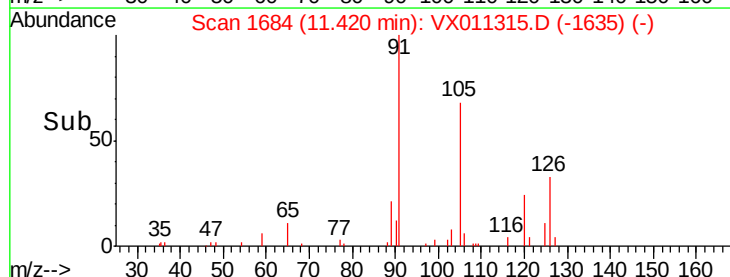
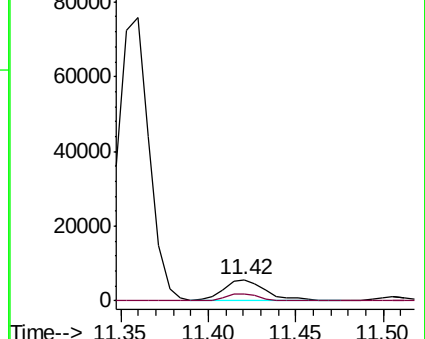
91 100

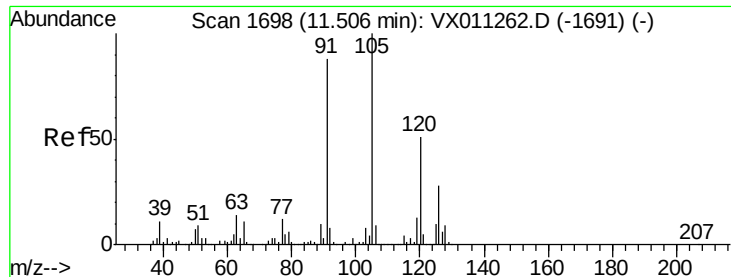
126 29.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

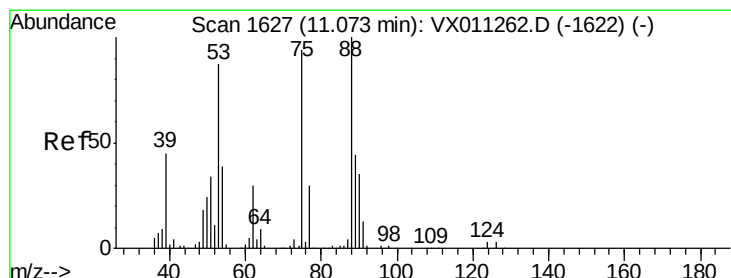
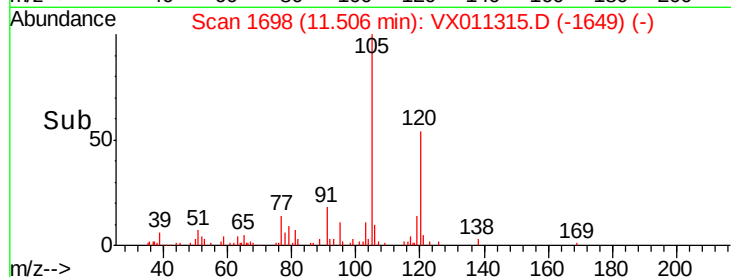
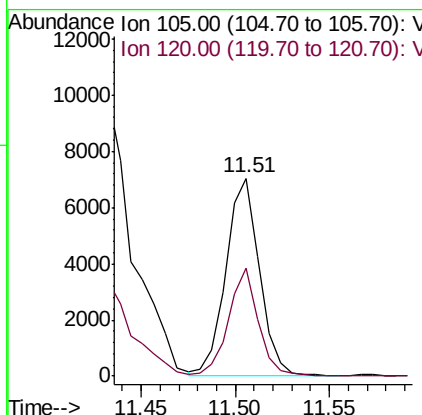
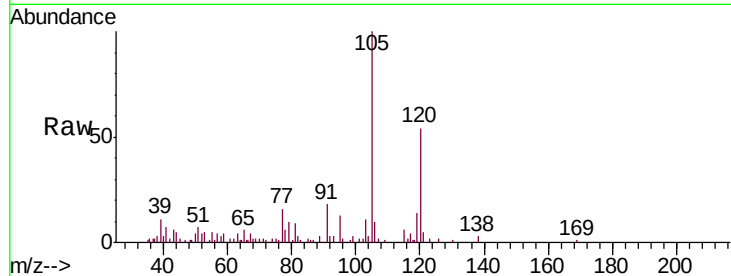




#80
 1,3,5-Trimethylbenzene
 Concen: 1.353 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011315.D
 Acq: 02 Aug 2019 19:14

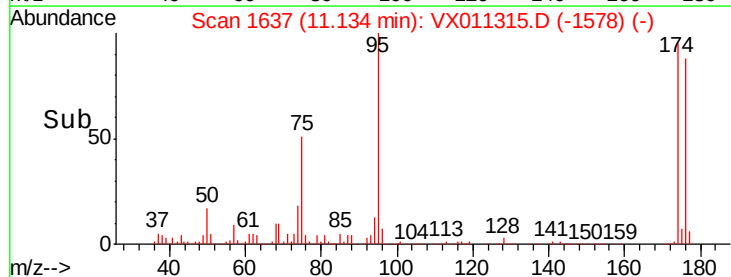
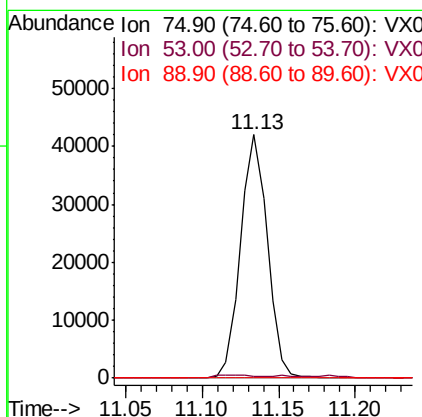
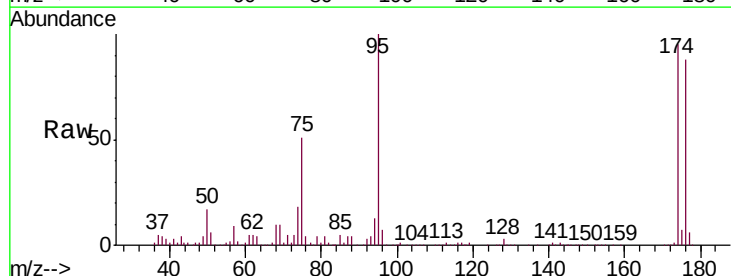
Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0686

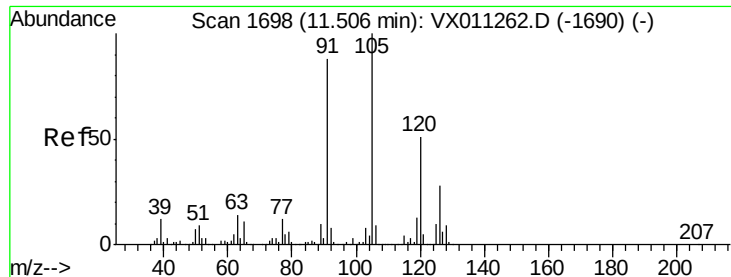
Tgt Ion: 105 Resp: 8747
 Ion Ratio Lower Upper
 105 100
 120 48.0 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.282 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011315.D
 Acq: 02 Aug 2019 19:14

Tgt Ion: 75 Resp: 51440
 Ion Ratio Lower Upper
 75 100
 53 0.7 78.2 117.4#
 89 0.1 37.9 56.9#





#82

4-Chlorotoluene

Concen: 1.551 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.09 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

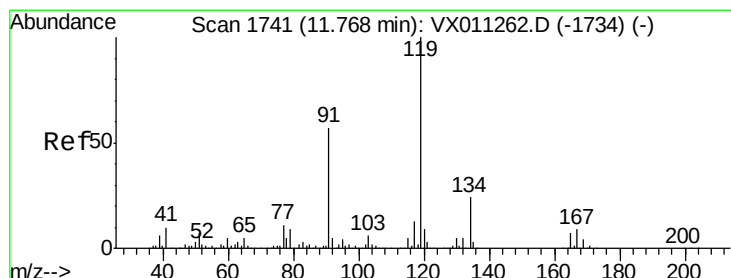
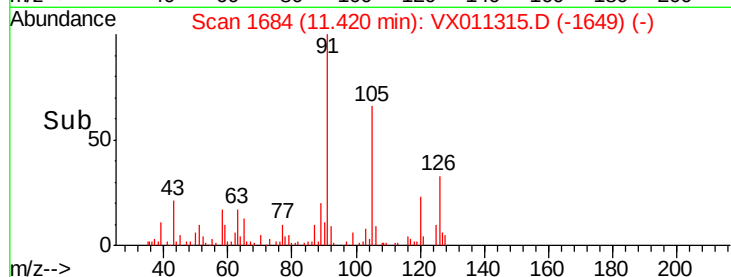
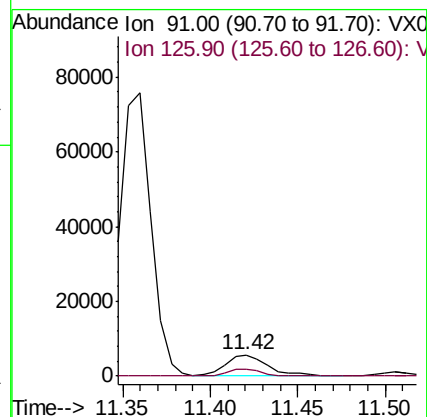
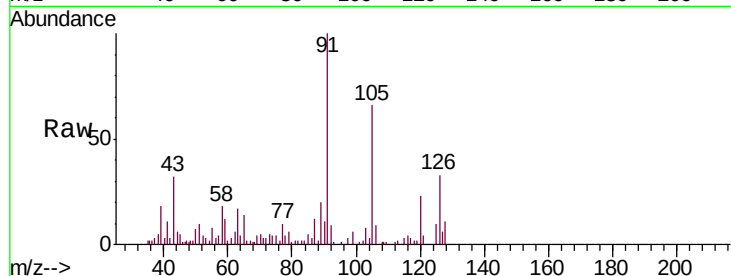
Z3-0686

Tgt Ion: 91 Resp: 9249

Ion Ratio Lower Upper

91 100

126 29.8 16.4 49.2



#83

tert-Butylbenzene

Concen: 0.922 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

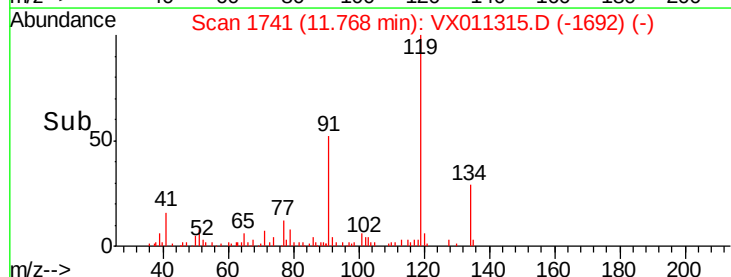
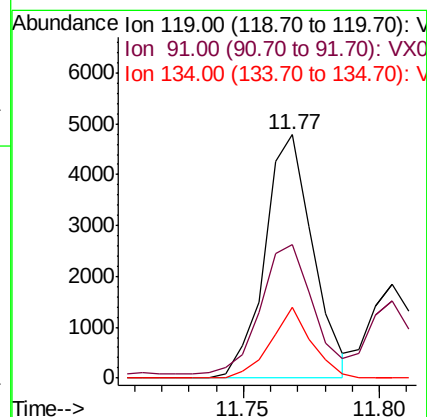
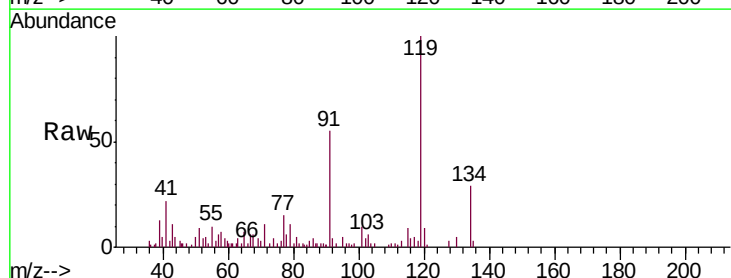
Tgt Ion: 119 Resp: 5845

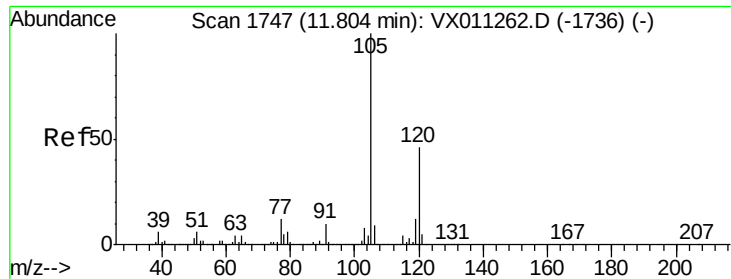
Ion Ratio Lower Upper

119 100

91 61.9 28.0 84.0

134 25.0 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 2.687 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

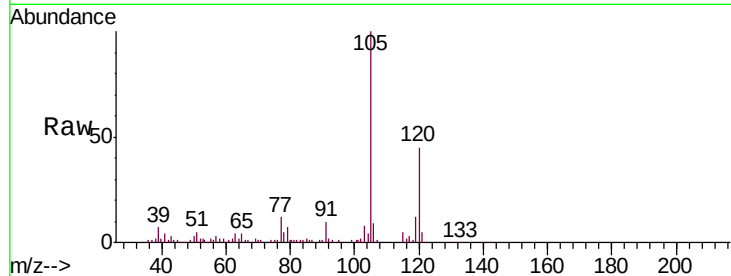
Z3-0686

Tgt Ion:105 Resp: 17292

Ion Ratio Lower Upper

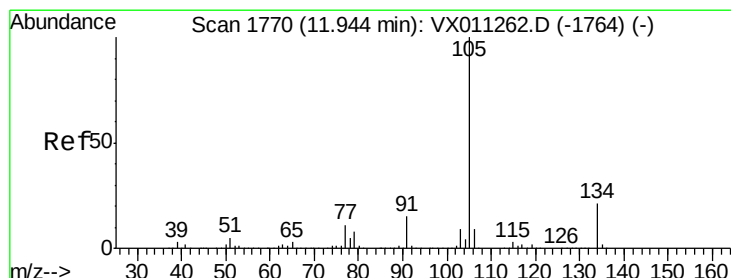
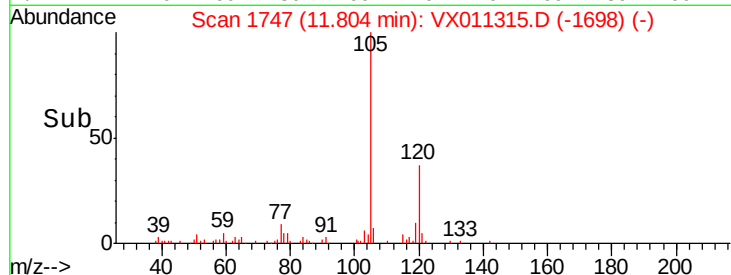
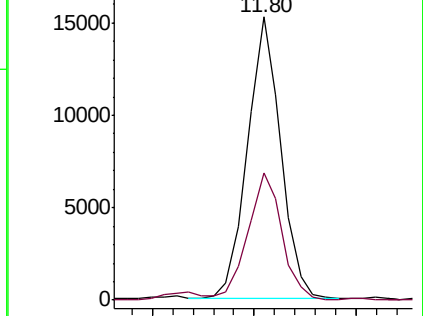
105 100

120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 2.437 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011315.D

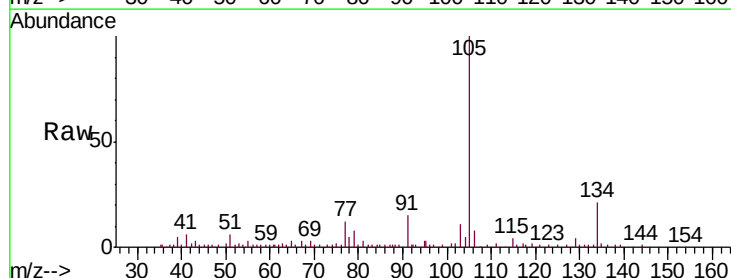
Acq: 02 Aug 2019 19:14

Tgt Ion:105 Resp: 18562

Ion Ratio Lower Upper

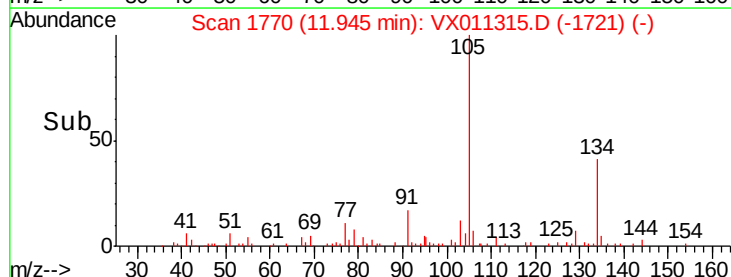
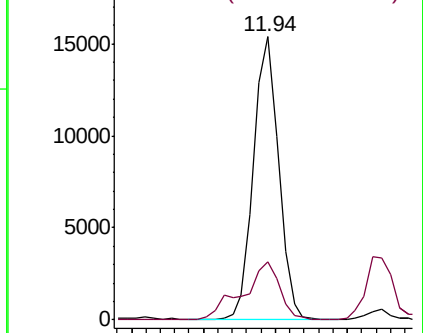
105 100

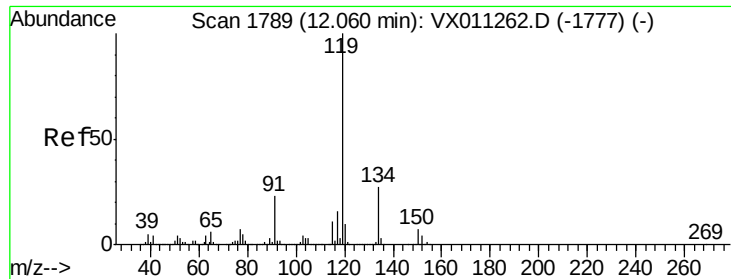
134 30.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

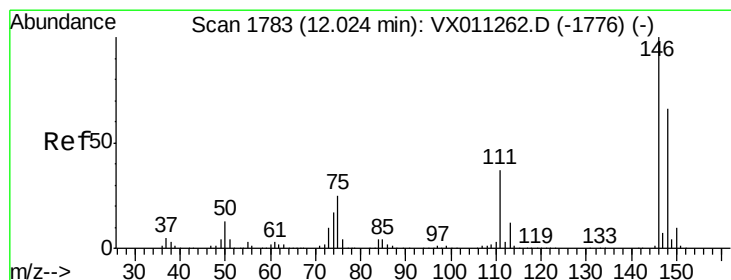
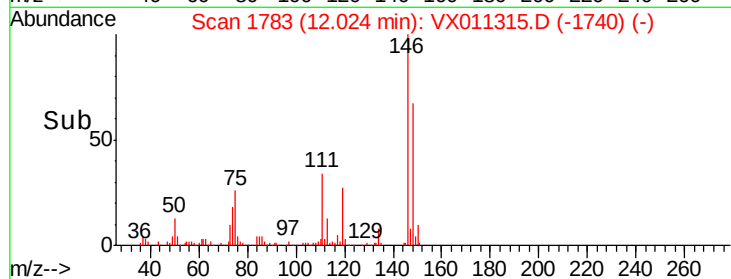
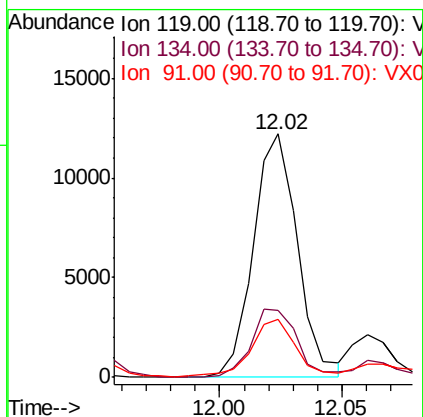
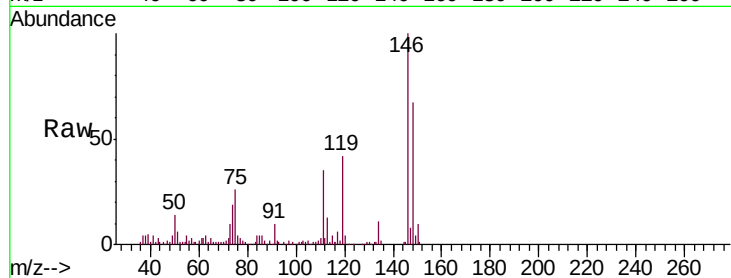




#86
p-Isopropyltoluene
Concen: 2.200 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

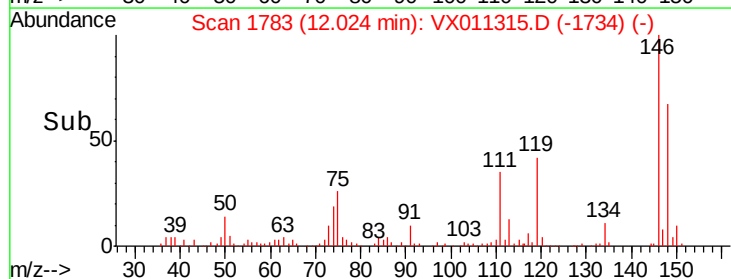
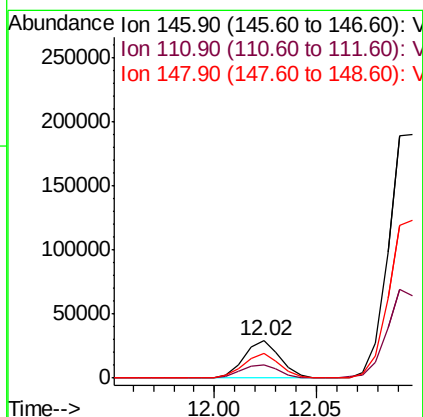
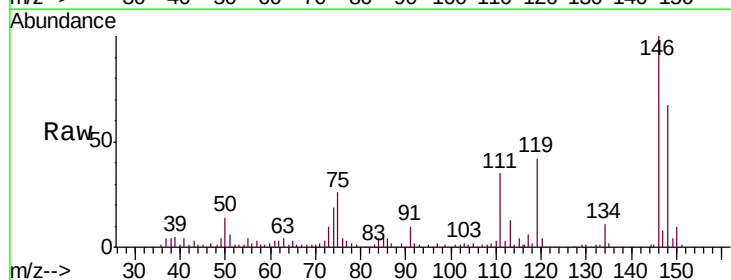
Instrument :
MSVOA_X
ClientSampleId :
Z3-0686

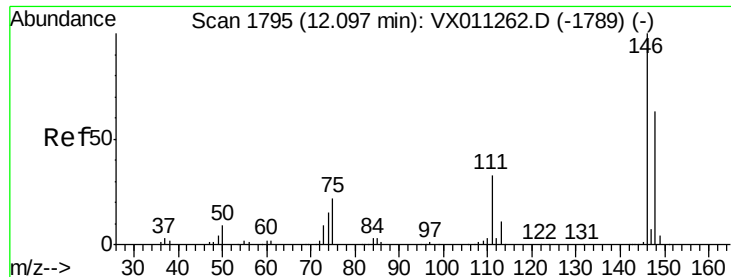
Tgt Ion	Resp	Lower	Upper
119	15416		
134	28.5	13.7	41.0
91	24.6	11.4	34.2



#87
1,3-Dichlorobenzene
Concen: 9.481 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX011315.D
Acq: 02 Aug 2019 19:14

Tgt Ion	Resp	Lower	Upper
146	35871		
111	37.3	18.6	55.8
148	66.1	32.5	97.5

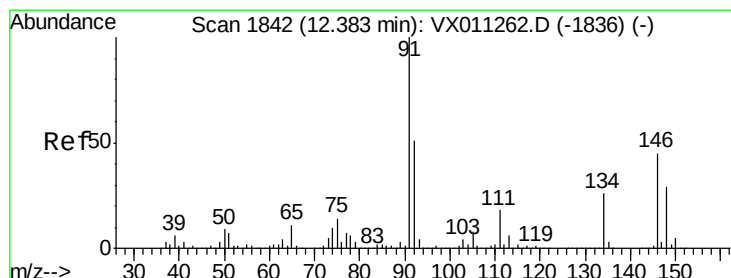
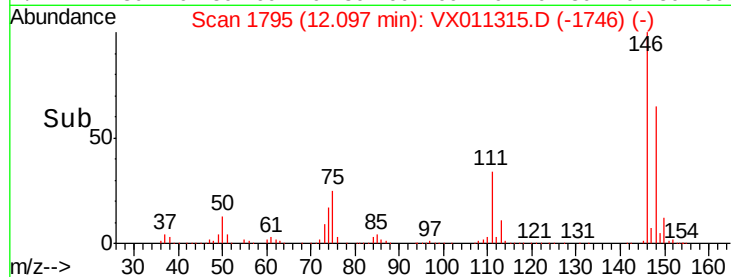
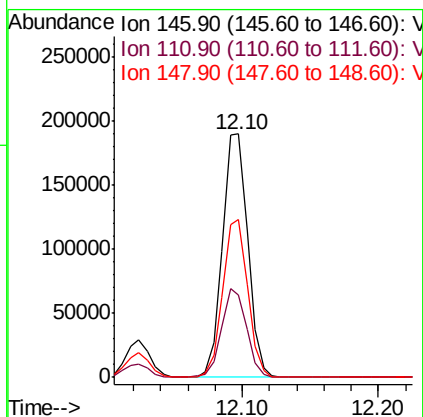
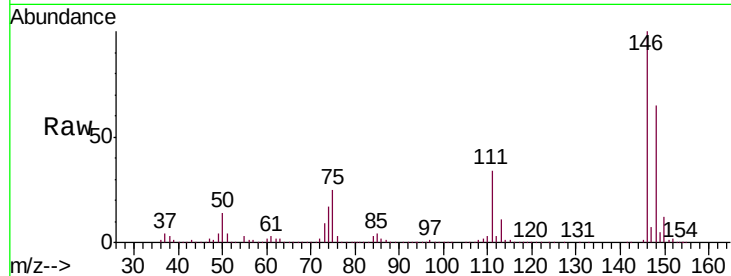




#88
 1,4-Dichlorobenzene
 Concen: 62.789 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011315.D
 Acq: 02 Aug 2019 19:14

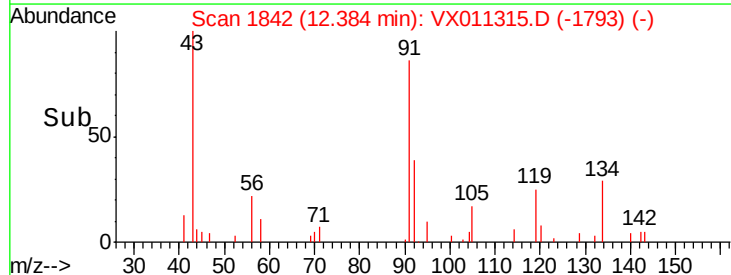
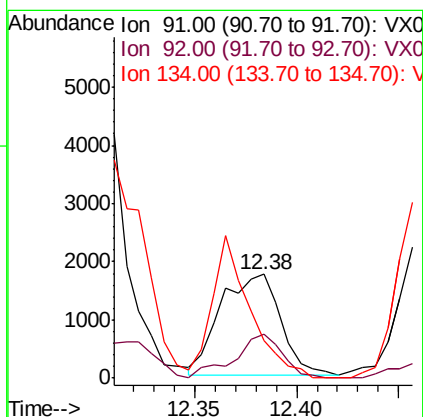
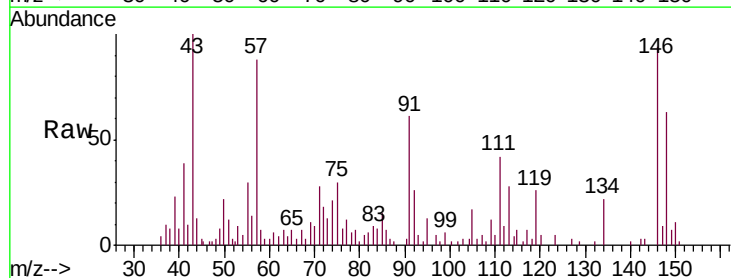
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0686

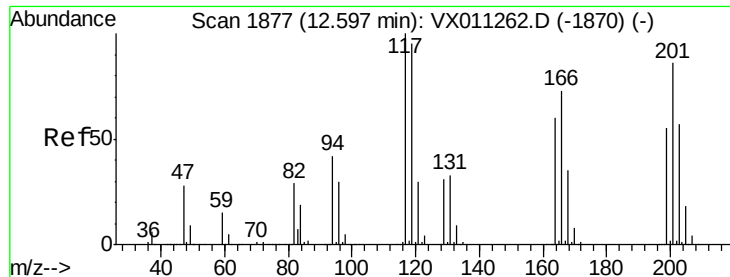
Tgt Ion: 146 Resp: 244961
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.8 53.4
 148 63.8 31.8 95.3



#89
 n-Butylbenzene
 Concen: 0.585 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX011315.D
 Acq: 02 Aug 2019 19:14

Tgt Ion: 91 Resp: 3534
 Ion Ratio Lower Upper
 91 100
 92 34.8 25.8 77.3
 134 89.6 13.7 41.0#





#90

Hexachloroethane

Concen: 13.821 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

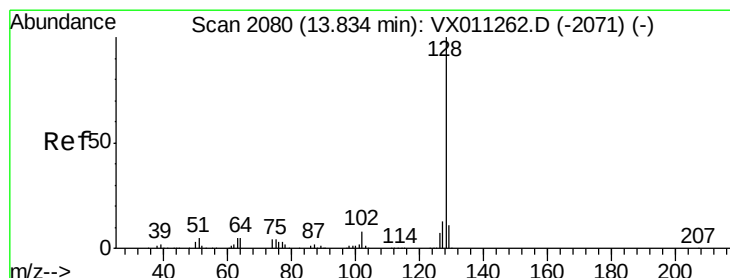
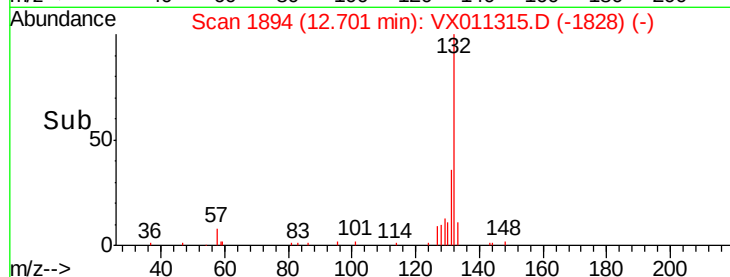
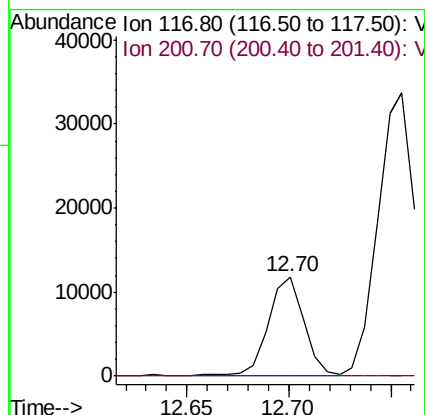
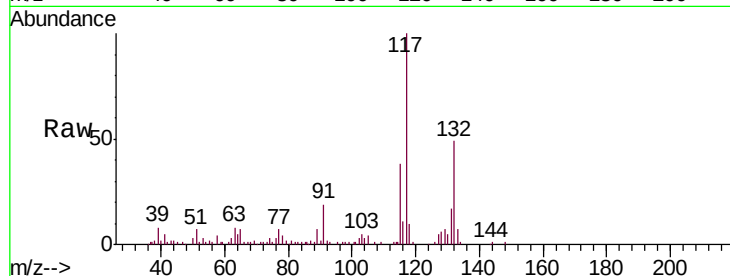
Z3-0686

Tgt Ion:117 Resp: 14319

Ion Ratio Lower Upper

117 100

201 0.0 41.8 125.4#



#95

Naphthalene

Concen: 21.202 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011315.D

Acq: 02 Aug 2019 19:14

Tgt Ion:128 Resp: 156314

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.9 13.3

