

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
 Data File : VX011362.D
 Acq On : 07 Aug 2019 14:44
 Operator : JC/SP
 Sample : K4190-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30320

Quant Time: Aug 08 07:03:41 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	5.65	168	193333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133943	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100078	51.40	ug/l	0.00
Spiked Amount						
						Recovery = 102.80%
35) Dibromofluoromethane	5.49	113	85341	46.05	ug/l	0.00
Spiked Amount						
						Recovery = 92.10%
50) Toluene-d8	8.71	98	335318	47.94	ug/l	0.00
Spiked Amount						
						Recovery = 95.88%
62) 4-Bromofluorobenzene	11.13	95	116229	46.54	ug/l	0.00
Spiked Amount						
						Recovery = 93.08%

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	512	0.389 ug/l	91
6) Chloroethane	1.73	64	226	Below Cal	93
11) Tert butyl alcohol	3.01	59	2879	7.438 ug/l #	72
13) Acrolein	2.31	56	50	Below Cal #	1
15) Acrylonitrile	3.14	53	472	0.509 ug/l #	39
16) Acetone	2.43	43	1717	1.853 ug/l #	82
17) Carbon Disulfide	2.56	76	6290	1.524 ug/l #	92
20) Methylene Chloride	2.85	84	65300	32.174 ug/l	97
25) 2-Butanone	4.67	43	397	0.301 ug/l #	70
29) Tetrahydrofuran	5.09	42	232	0.287 ug/l #	45
31) Cyclohexane	5.57	56	11566	4.613 ug/l	90
36) 1,1-Dichloropropene	5.65	75	13486	5.442 ug/l #	48
38) Carbon Tetrachloride	5.65	117	17747	7.118 ug/l #	15
39) Methylcyclohexane	7.46	83	24461	8.327 ug/l	98
40) Benzene	6.14	78	74490	10.073 ug/l	99
42) 1,2-Dichloroethane	6.13	62	971	0.388 ug/l #	72
49) 1,4-Dioxane	7.82	88	19	0.350 ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	780	0.304 ug/l	100
52) Toluene	8.78	92	72885	14.907 ug/l	100
53) t-1,3-Dichloropropene	9.05	75	99	2.872 ug/l #	18
55) 1,1,2-Trichloroethane	9.16	97	3018	1.501 ug/l #	20
56) Ethyl methacrylate	9.16	69	797	0.278 ug/l #	30
59) 2-Hexanone	9.55	43	1833	0.923 ug/l	79
67) Ethyl Benzene	10.25	91	19328	2.086 ug/l	95
68) m/p-Xylenes	10.35	106	44151	12.321 ug/l	99
69) o-Xylene	10.69	106	15793	4.486 ug/l	96
70) Styrene	10.69	104	1356	0.233 ug/l #	1
73) Isopropylbenzene	11.01	105	4483	0.489 ug/l	98
74) N-amyl acetate	10.91	43	2526	0.763 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1392	0.456 ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	59043	24.205 ug/l #	36
78) n-propylbenzene	11.36	91	8074	0.793 ug/l	99
79) 2-Chlorotoluene	11.43	91	4635	0.763 ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	22741	2.966 ug/l	100

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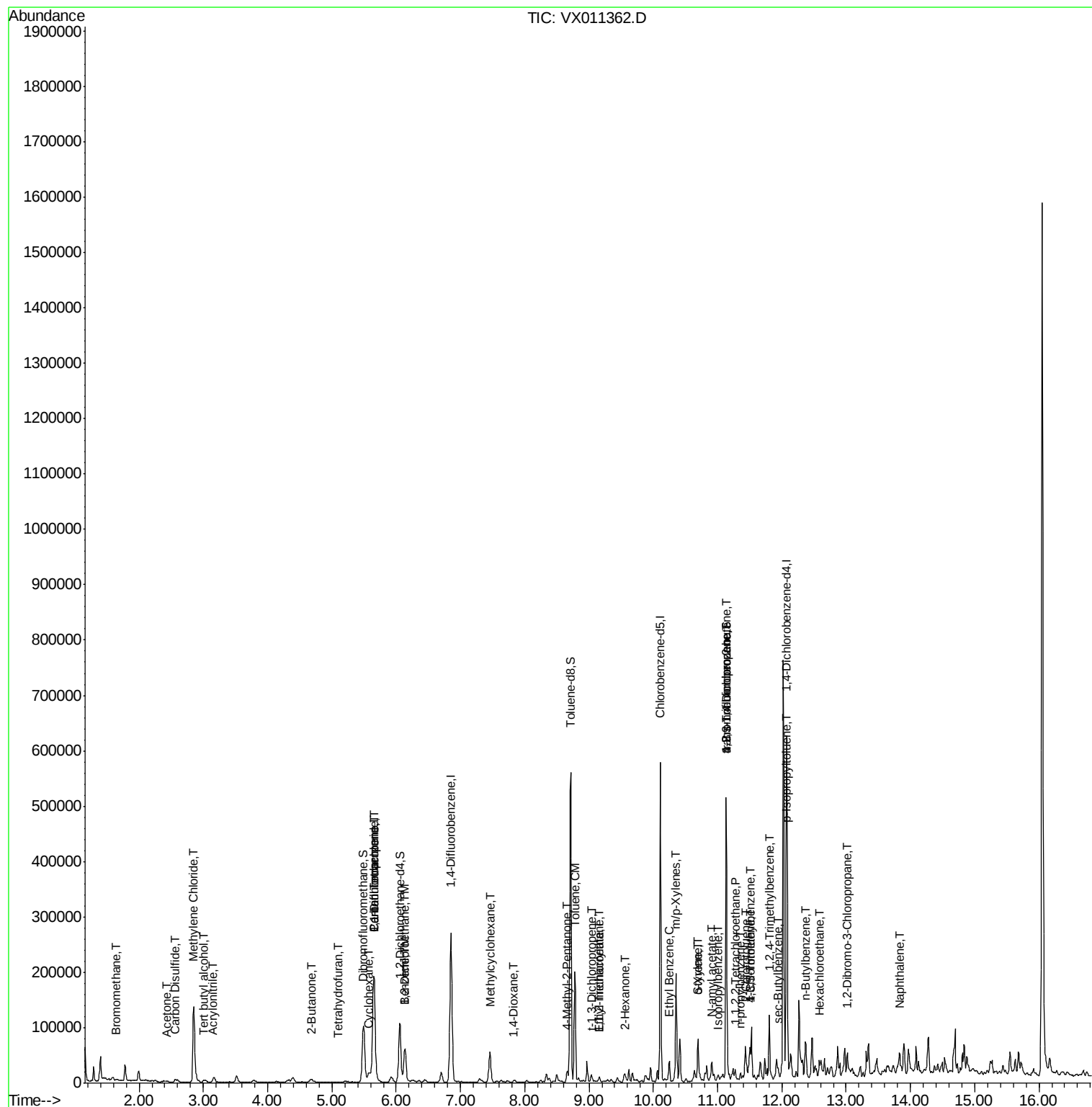
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	59043	63.309	ug/l #	10
82) 4-Chlorotoluene	11.51	91	2567	0.363	ug/l #	42
84) 1,2,4-Trimethylbenzene	11.80	105	46858	6.137	ug/l	98
85) sec-Butylbenzene	11.94	105	4613	0.510	ug/l	93
86) p-Isopropyltoluene	12.06	119	6368	0.766	ug/l #	77
89) n-Butylbenzene	12.38	91	6706	0.936	ug/l #	27
90) Hexachloroethane	12.59	117	1230	1.001	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.02	75	271	0.458	ug/l #	1
95) Naphthalene	13.83	128	21908	2.505	ug/l	97

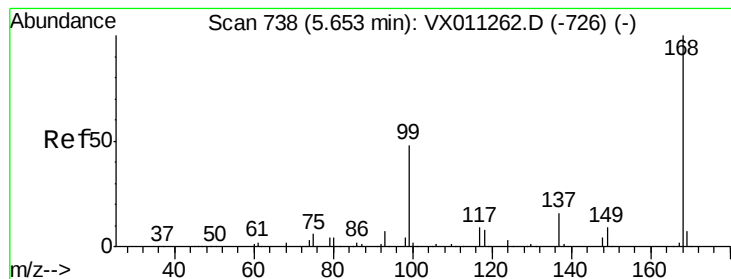
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

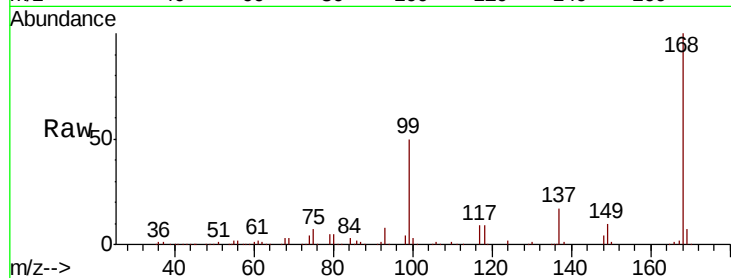
30320

Tgt Ion:168 Resp: 193333

Ion Ratio Lower Upper

168 100

99 50.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX011362.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX011362.D (-726) (-)

5.65

80000

60000

40000

20000

0

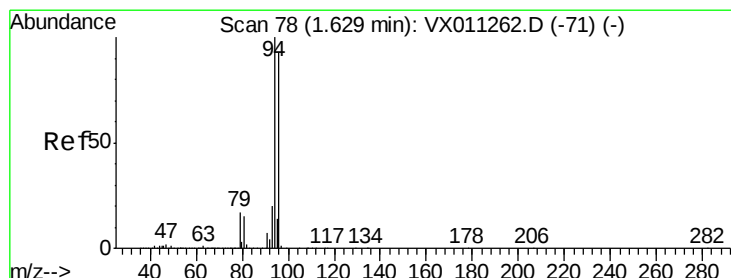
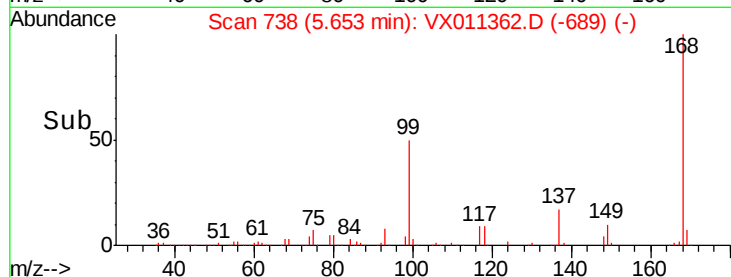
Time-->

5.50

5.60

5.70

5.80



#5

Bromomethane

Concen: 0.389 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011362.D

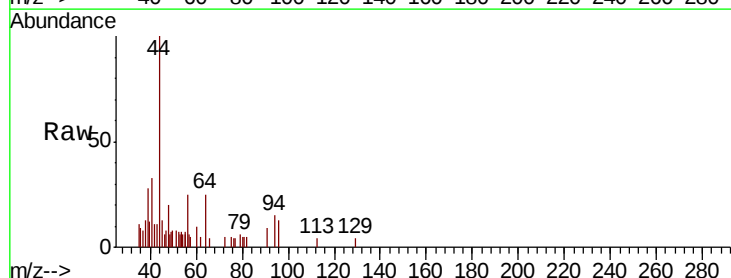
Acq: 07 Aug 2019 14:44

Tgt Ion: 94 Resp: 512

Ion Ratio Lower Upper

94 100

96 84.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX011362.D (-71) (-)

Ion 95.90 (95.60 to 96.60): VX011362.D (-71) (-)

1.64

200

150

100

50

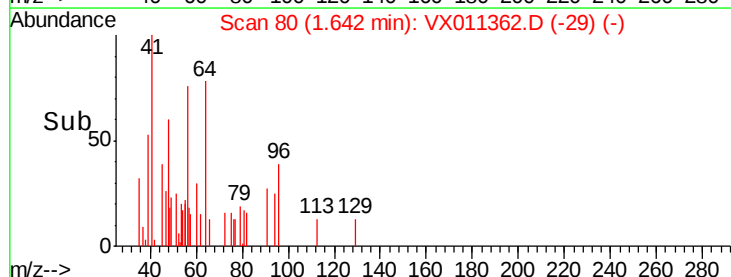
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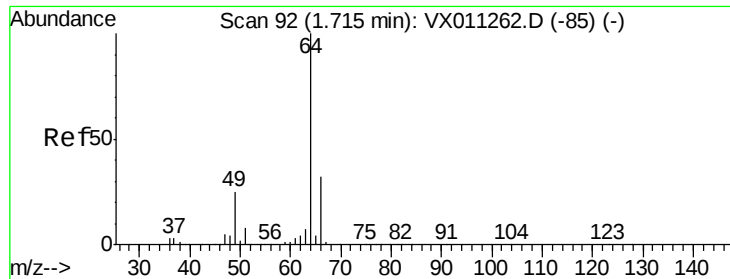
Time-->

1.60

1.65

1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

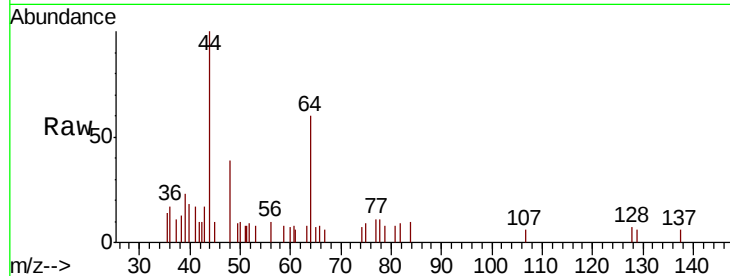
30320

Tgt Ion: 64 Resp: 226

Ion Ratio Lower Upper

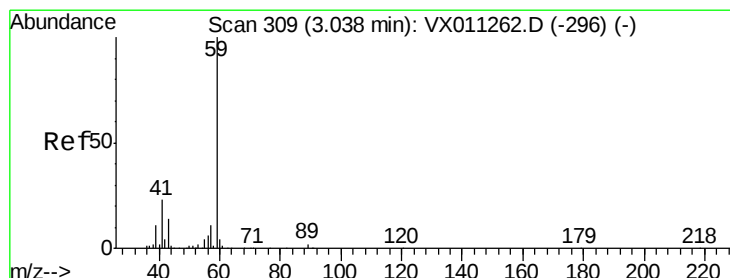
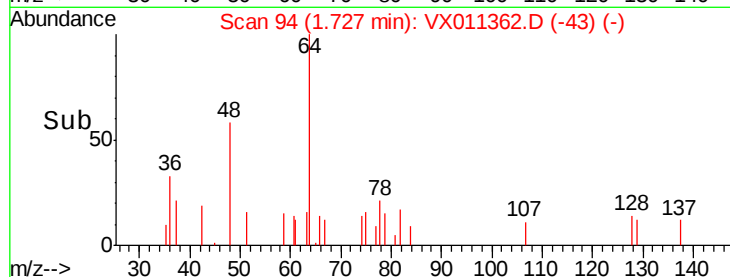
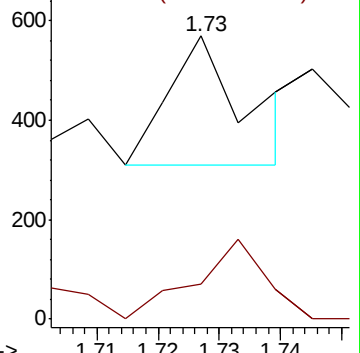
64 100

66 27.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 7.438 ug/l

RT: 3.01 min Scan# 304

Delta R.T. -0.03 min

Lab File: VX011362.D

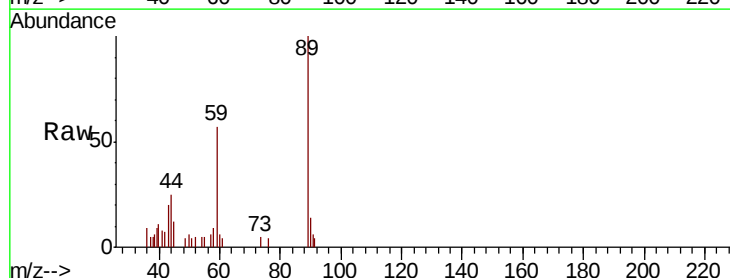
Acq: 07 Aug 2019 14:44

Tgt Ion: 59 Resp: 2879

Ion Ratio Lower Upper

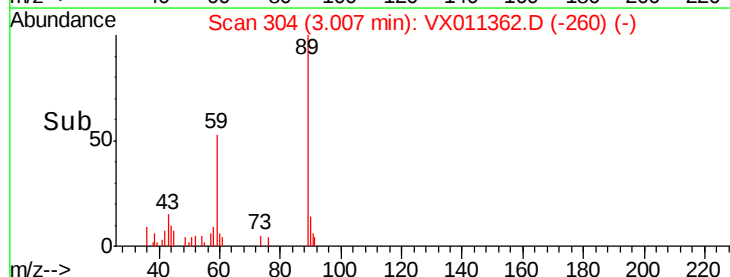
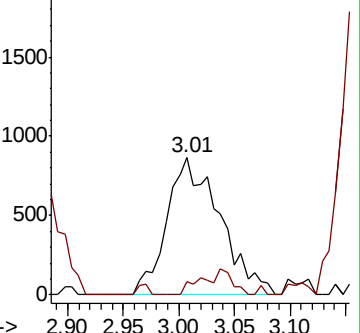
59 100

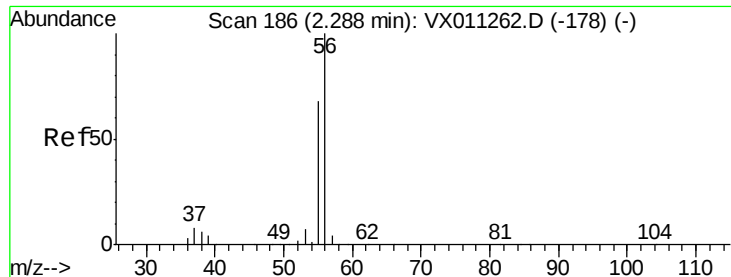
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 190

Delta R.T. 0.03 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

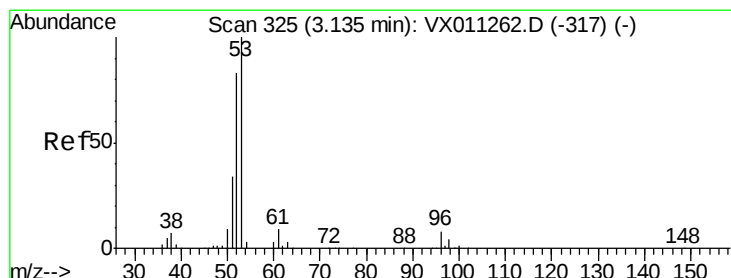
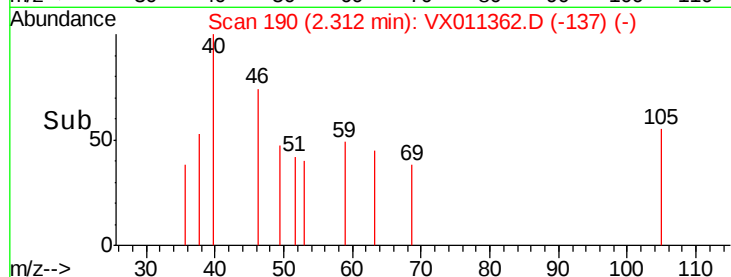
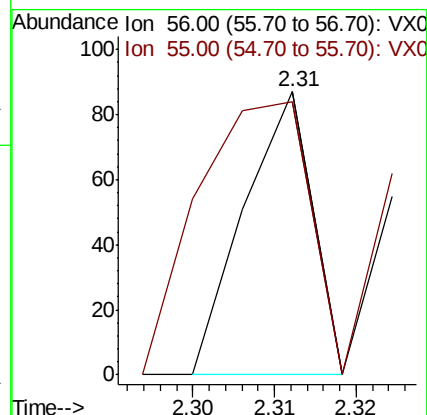
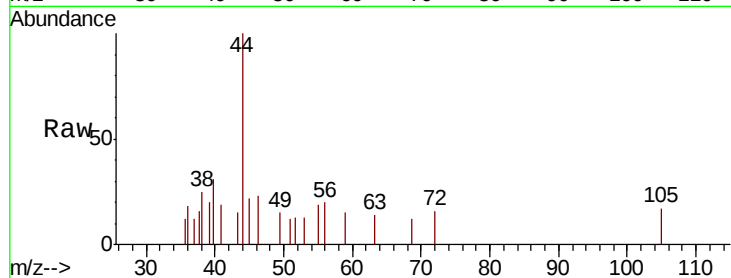
30320

Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 160.0 56.0 84.0#



#15

Acrylonitrile

Concen: 0.509 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

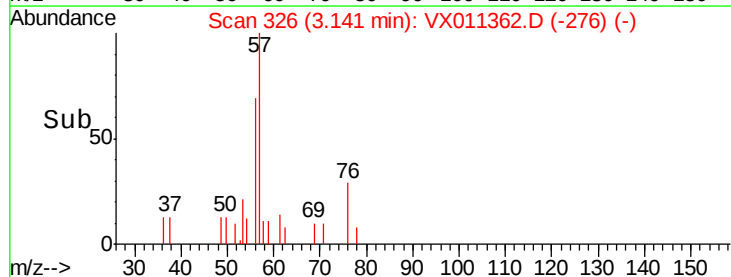
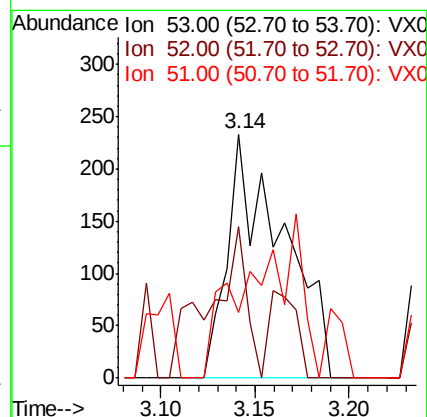
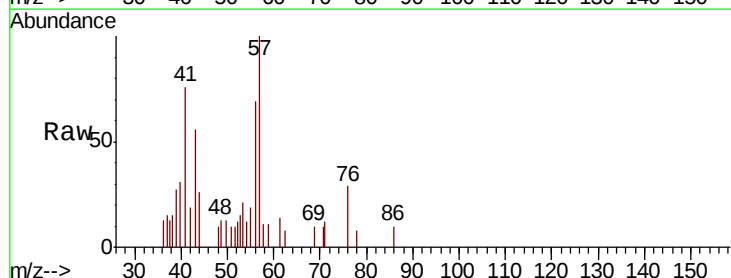
Tgt Ion: 53 Resp: 472

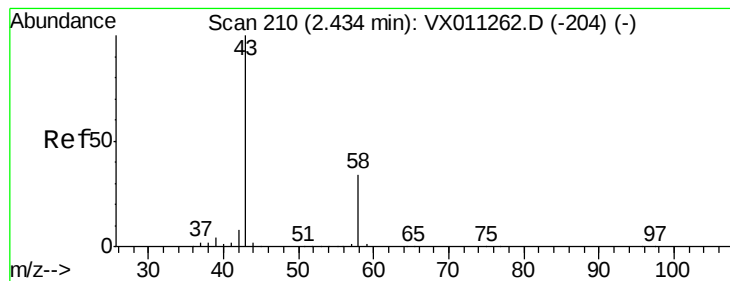
Ion Ratio Lower Upper

53 100

52 26.9 65.5 98.3#

51 0.0 27.9 41.9#





#16

Acetone

Concen: 1.853 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

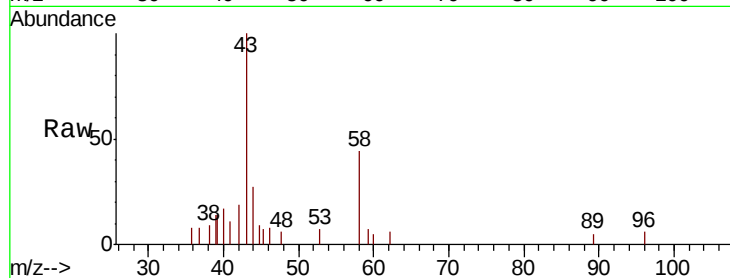
30320

Tgt Ion: 43 Resp: 1717

Ion Ratio Lower Upper

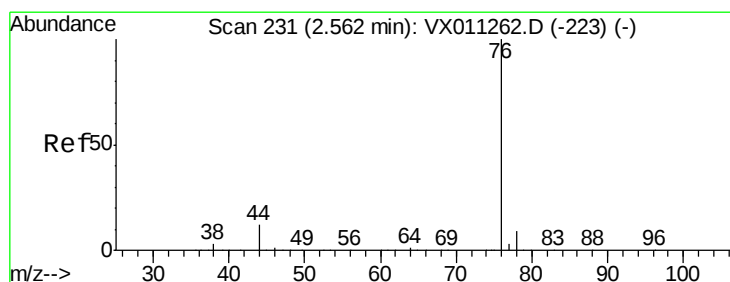
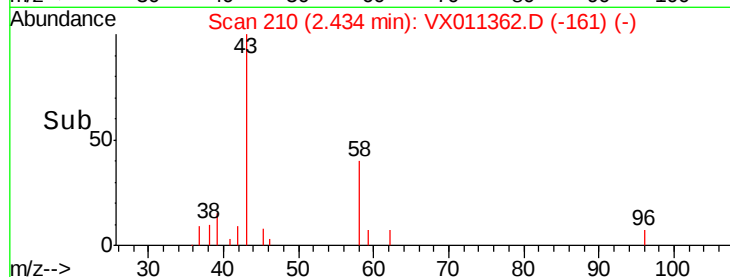
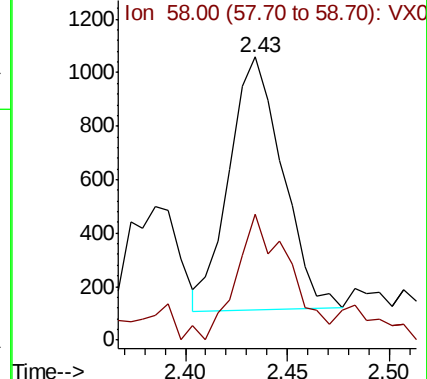
43 100

58 44.5 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.524 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011362.D

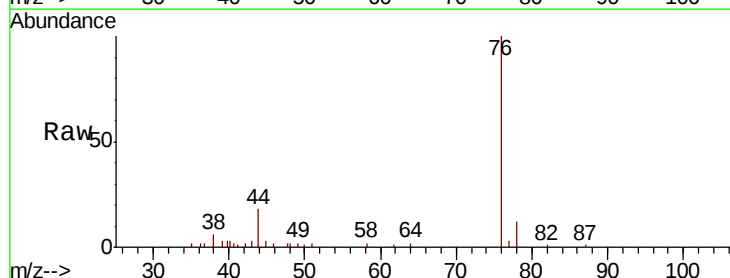
Acq: 07 Aug 2019 14:44

Tgt Ion: 76 Resp: 6290

Ion Ratio Lower Upper

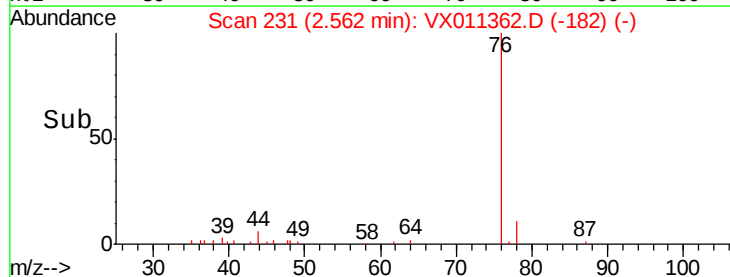
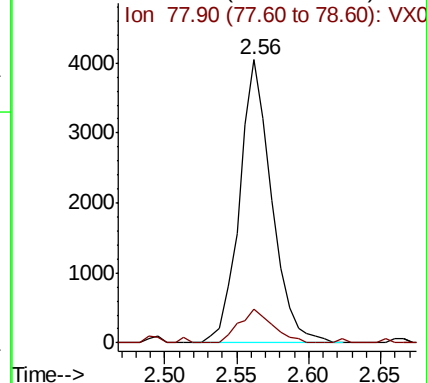
76 100

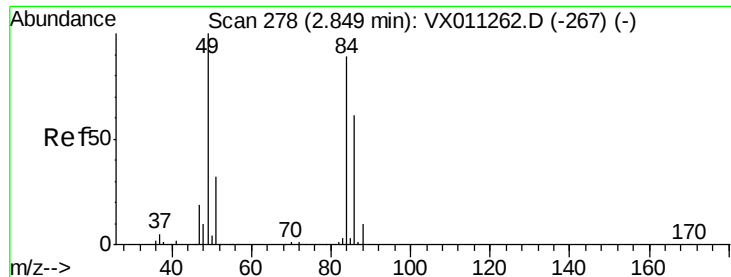
78 11.9 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

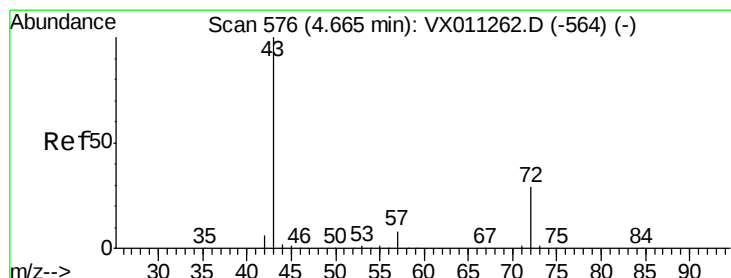
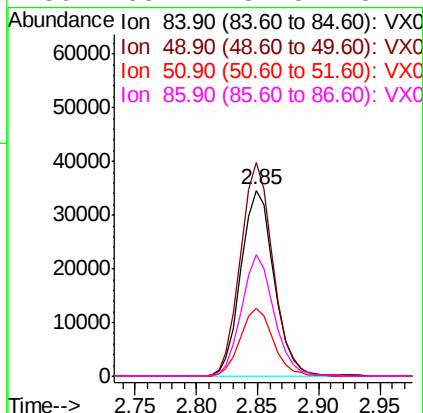
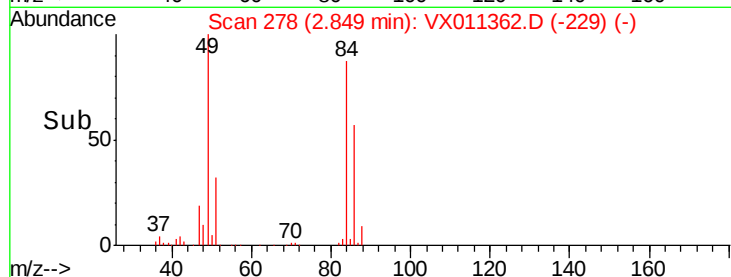
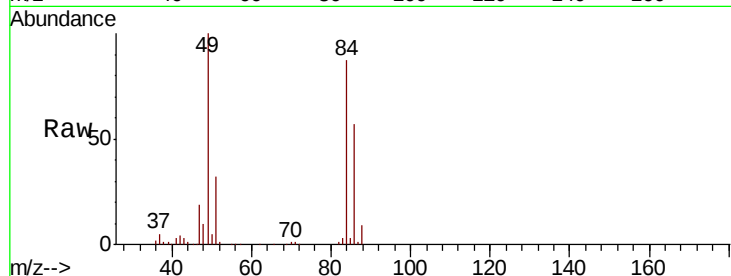




#20
Methylene Chloride
Concen: 32.174 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

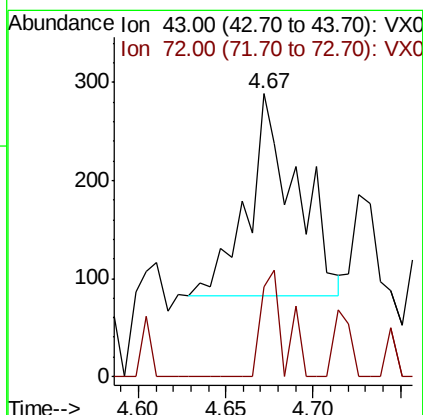
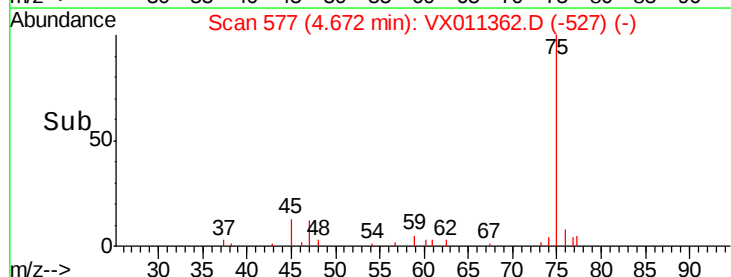
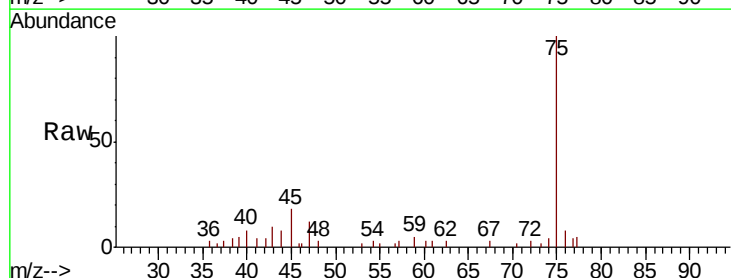
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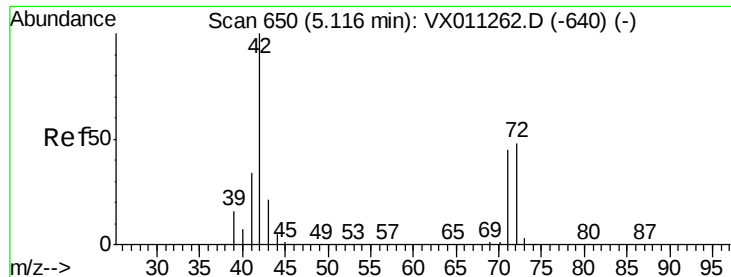
Tgt Ion:	84	Resp:	65300
Ion	Ratio	Lower	Upper
84	100		
49	114.3	89.3	133.9
51	36.3	28.3	42.5
86	65.1	54.5	81.7



#25
2-Butanone
Concen: 0.301 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion:	43	Resp:	397
Ion	Ratio	Lower	Upper
43	100		
72	44.9	23.2	34.8#





#29

Tetrahydrofuran

Concen: 0.287 ug/l

RT: 5.09 min Scan# 646

Delta R.T. -0.02 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

30320

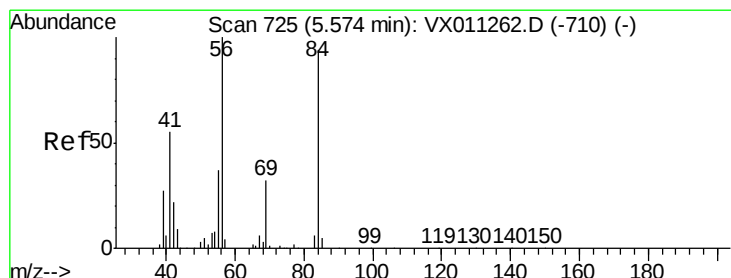
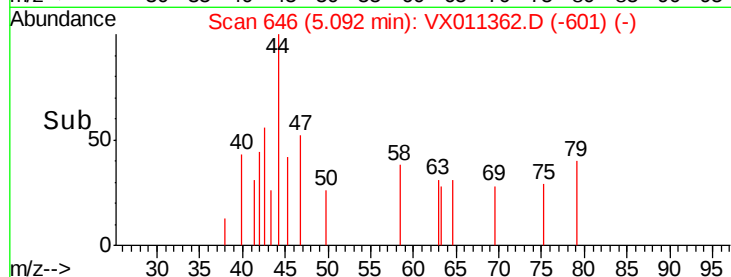
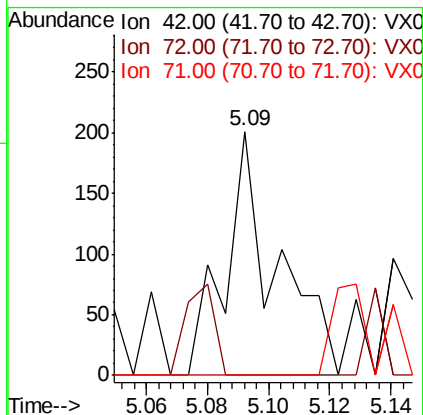
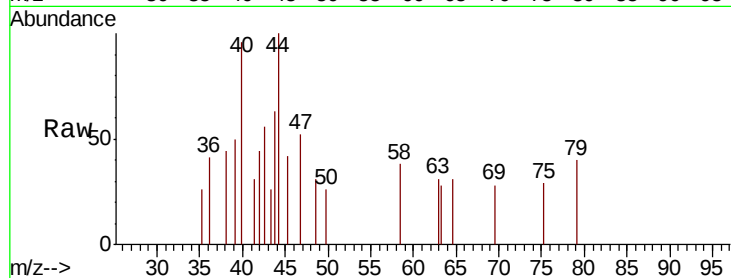
Tgt Ion: 42 Resp: 232

Ion Ratio Lower Upper

42 100

72 21.1 39.9 59.9#

71 0.0 36.9 55.3#



#31

Cyclohexane

Concen: 4.613 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

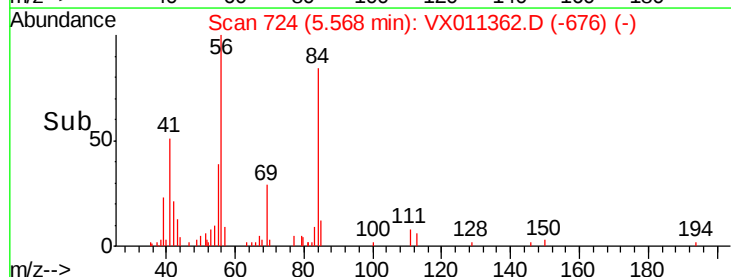
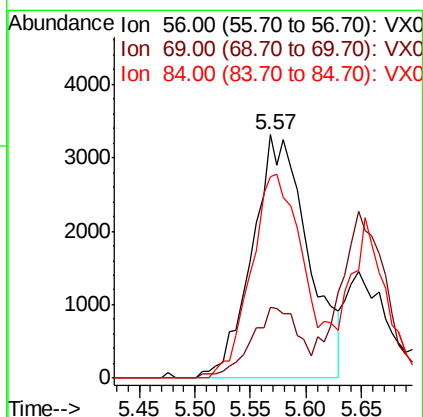
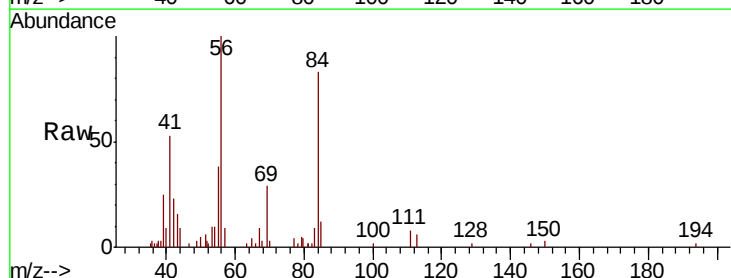
Tgt Ion: 56 Resp: 11566

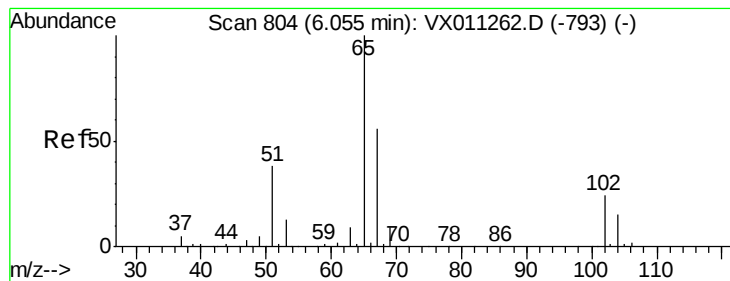
Ion Ratio Lower Upper

56 100

69 28.8 25.5 38.3

84 82.9 75.0 112.4





#33

1,2-Dichloroethane-d4

Concen: 51.402 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

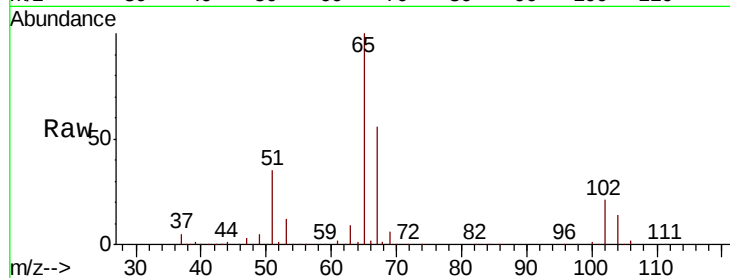
30320

Tgt Ion: 65 Resp: 100078

Ion Ratio Lower Upper

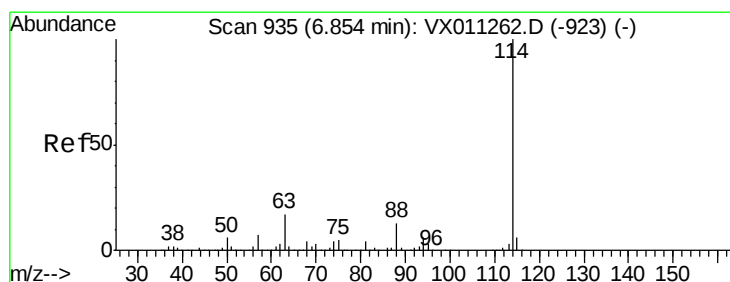
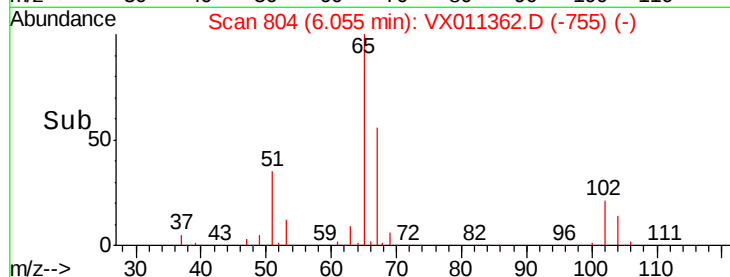
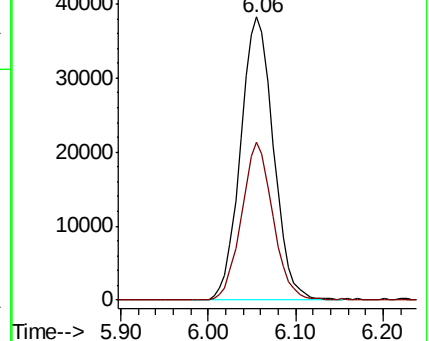
65 100

67 52.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

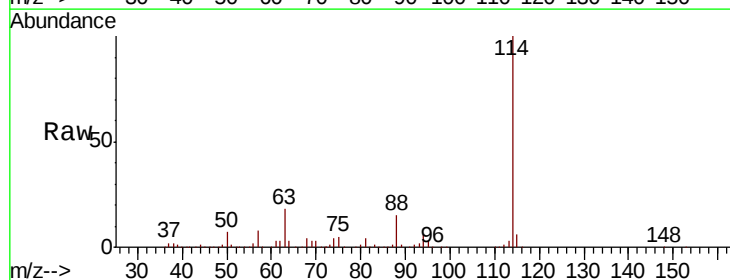
Tgt Ion: 114 Resp: 283842

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

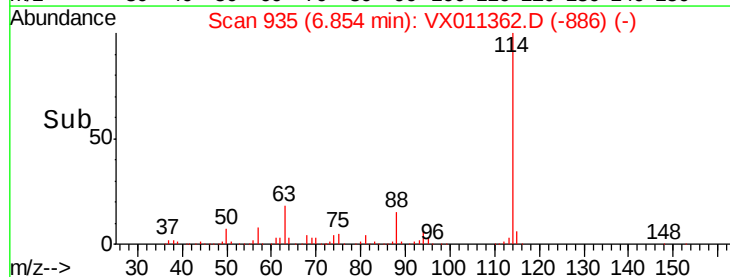
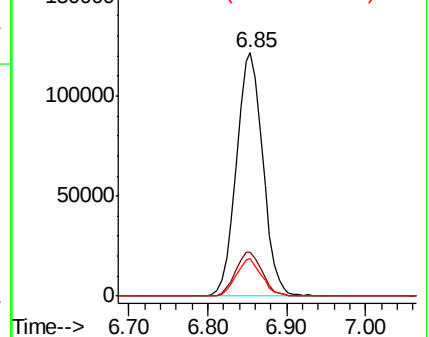
88 15.3 0.0 26.4

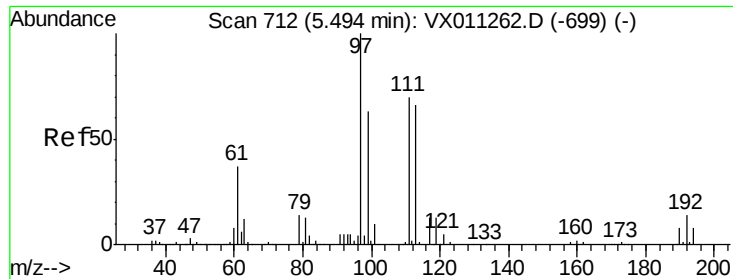


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

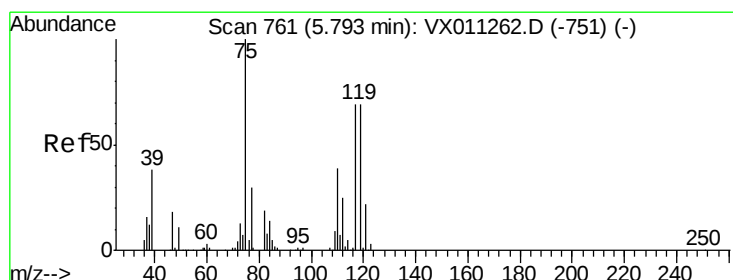
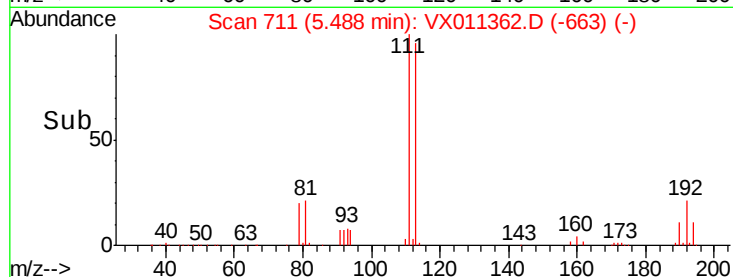
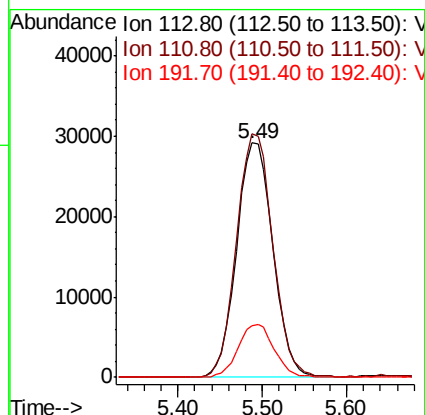
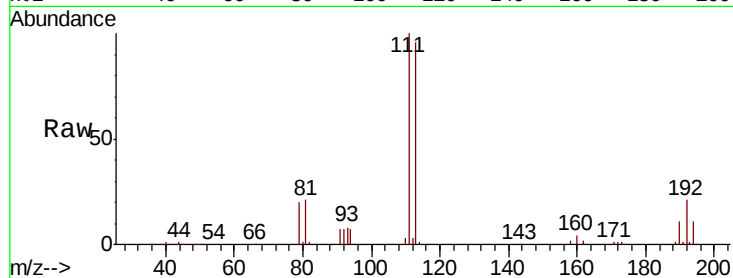




#35
 Dibromofluoromethane
 Concen: 46.052 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

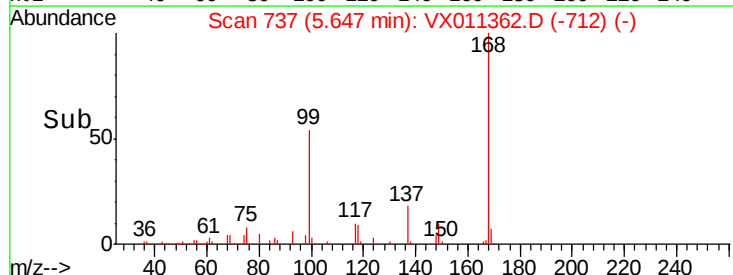
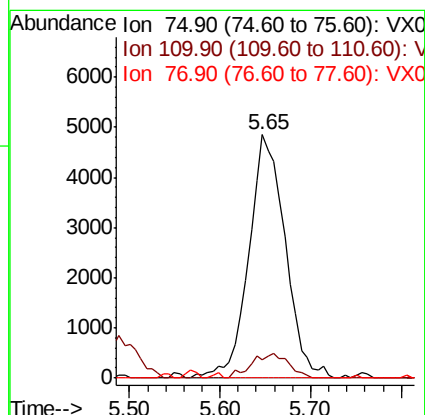
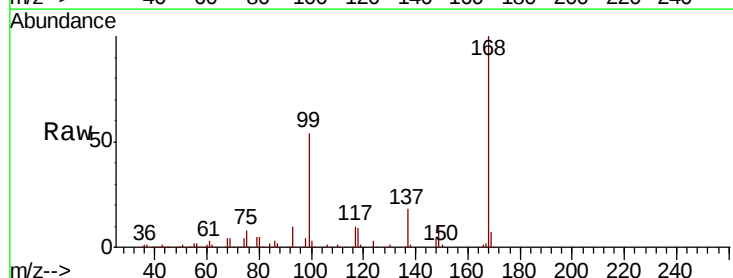
Instrument :
 MSVOA_X
 ClientSampleId :
 30320

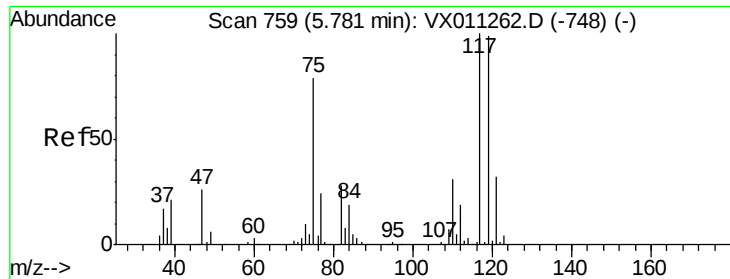
Tgt Ion:113 Resp: 85341
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 22.2 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 5.442 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

Tgt Ion: 75 Resp: 13486
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.0 59.9#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.118 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

30320

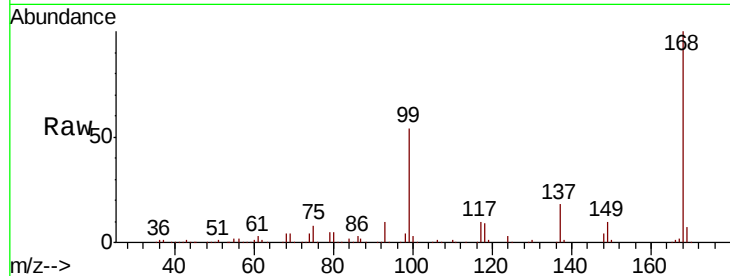
Tgt Ion:117 Resp: 17747

Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.4#

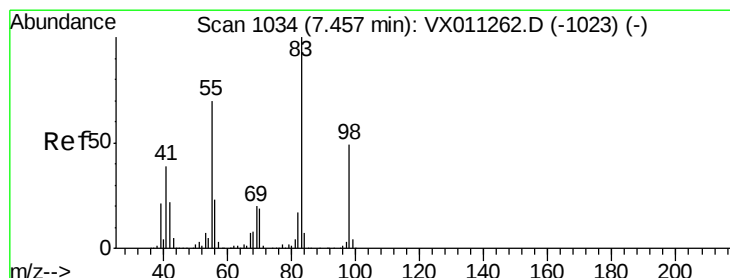
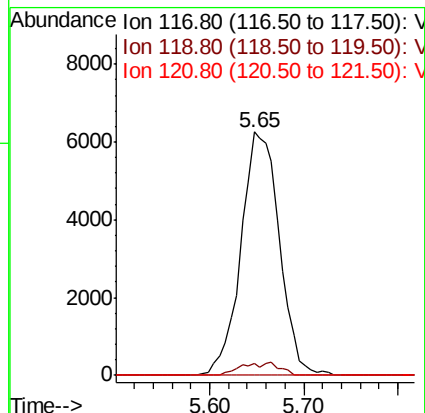
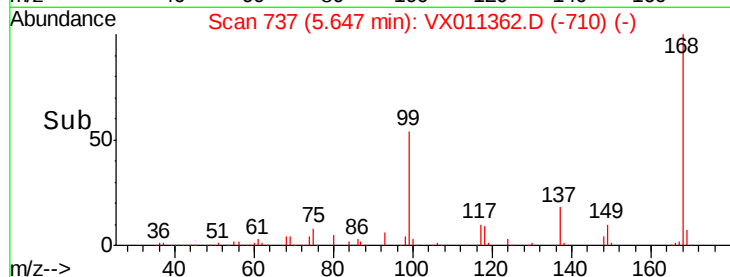
121 0.0 25.9 38.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 8.327 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

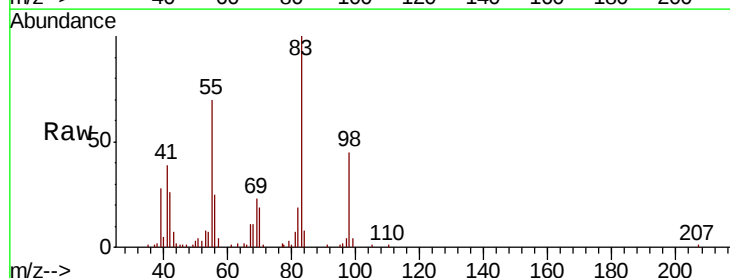
Tgt Ion: 83 Resp: 24461

Ion Ratio Lower Upper

83 100

55 69.8 56.1 84.1

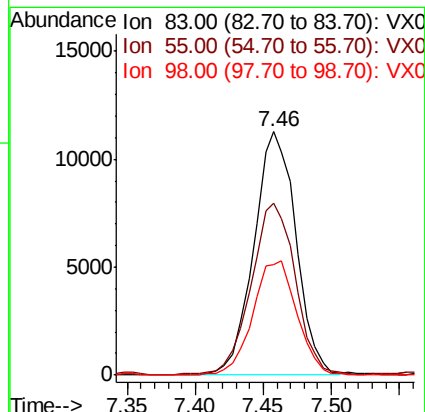
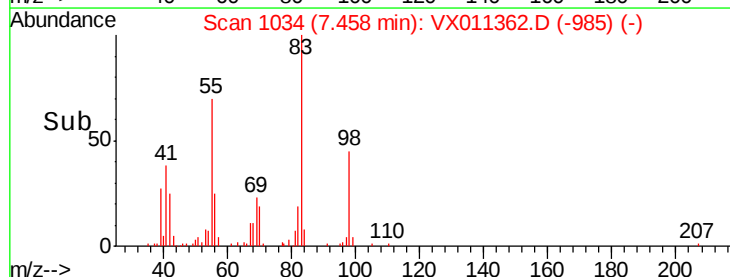
98 45.2 39.0 58.4

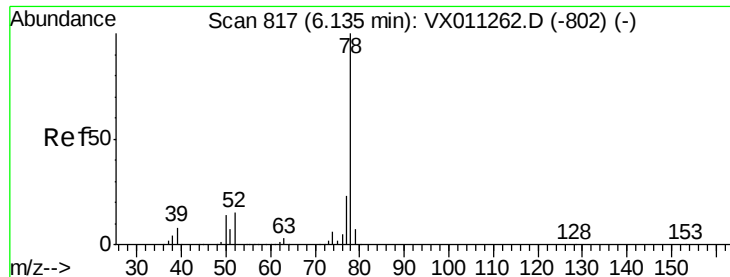


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 10.073 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

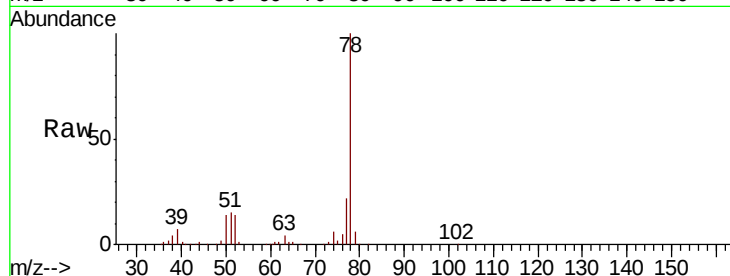
30320

Tgt Ion: 78 Resp: 74490

Ion Ratio Lower Upper

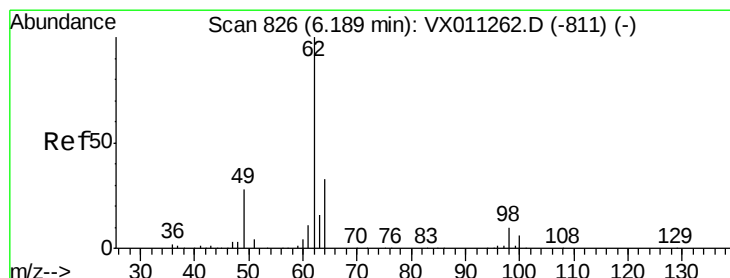
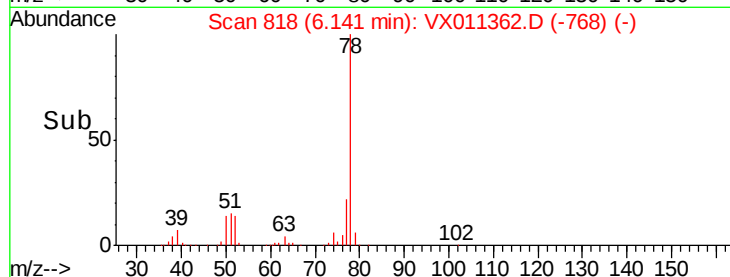
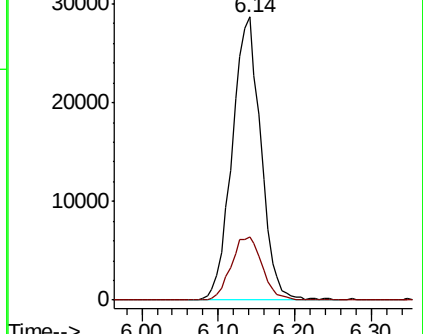
78 100

77 22.3 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.388 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.05 min

Lab File: VX011362.D

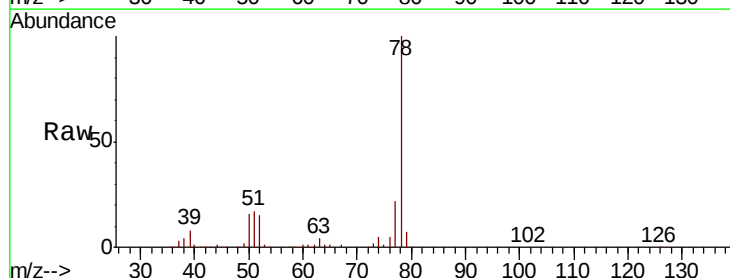
Acq: 07 Aug 2019 14:44

Tgt Ion: 62 Resp: 971

Ion Ratio Lower Upper

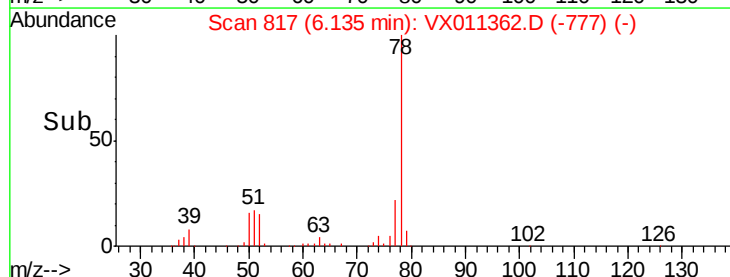
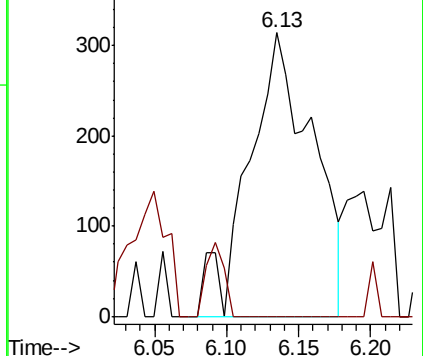
62 100

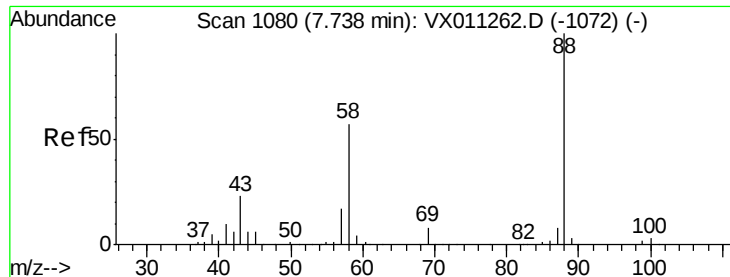
98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

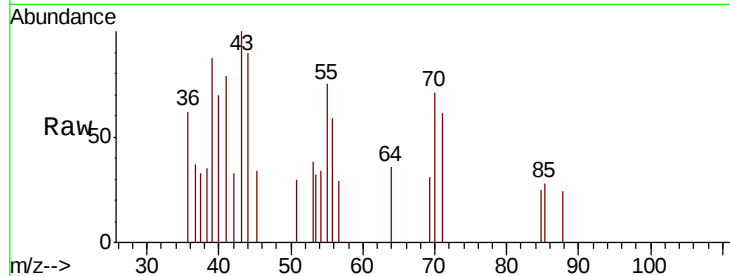




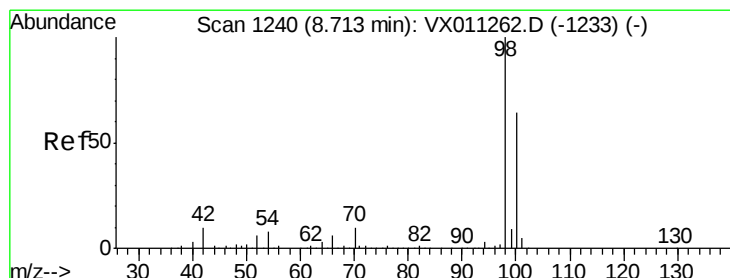
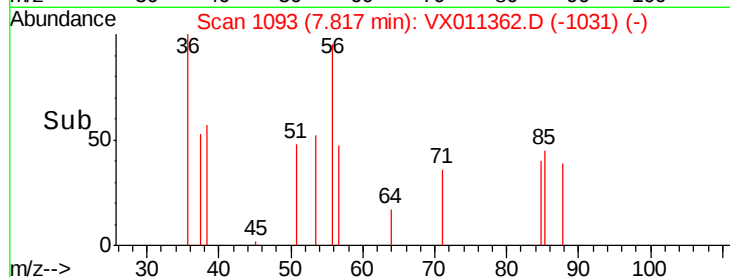
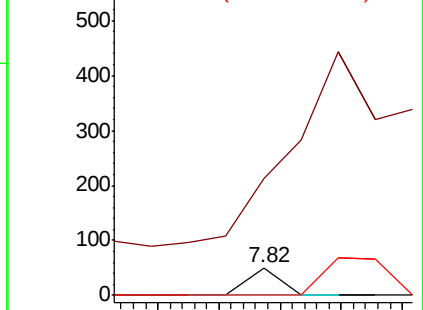
#49
1,4-Dioxane
Concen: 0.350 ug/l
RT: 7.82 min Scan# 1093
Delta R.T. 0.08 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
30320

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 3394.7 22.2 33.2#
58 263.2 47.8 71.8#

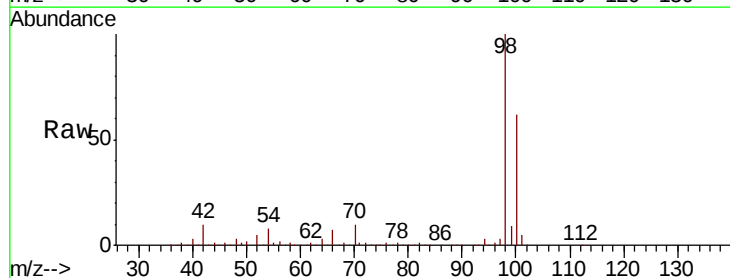


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

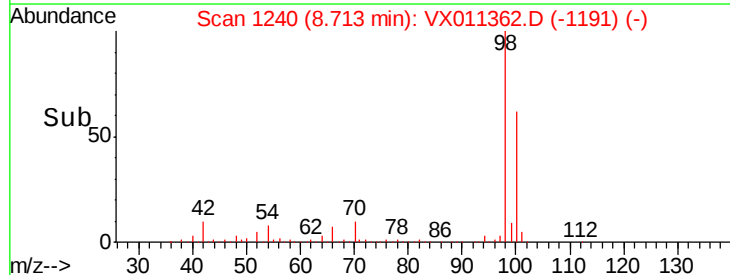
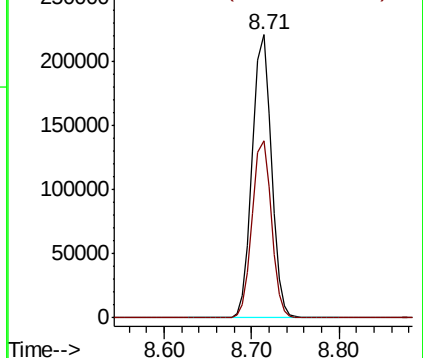


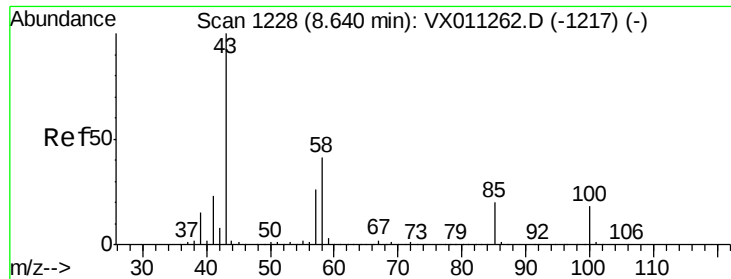
#50
Toluene-d8
Concen: 47.936 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion: 98 Resp: 335318
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



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

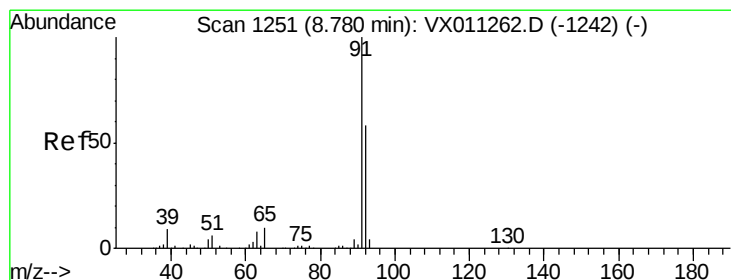
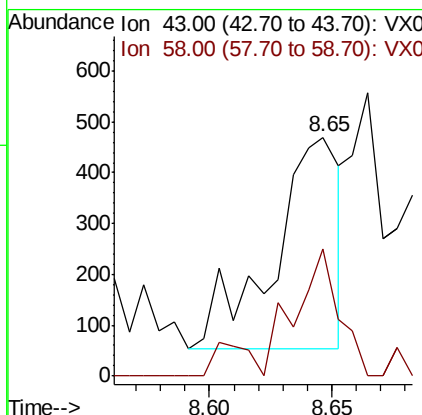
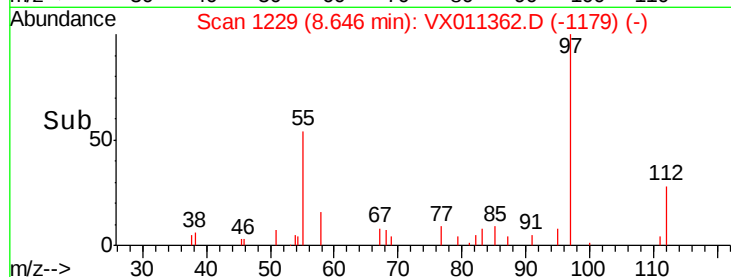
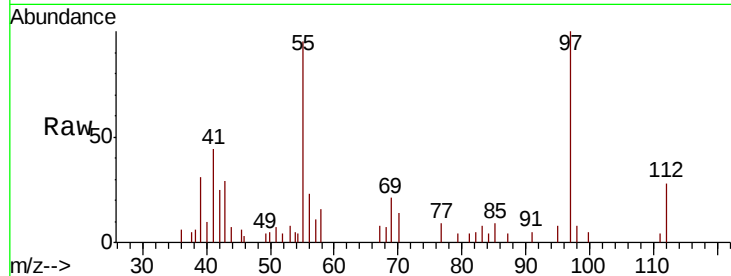




#51
 4-Methyl-2-Pentanone
 Concen: 0.304 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

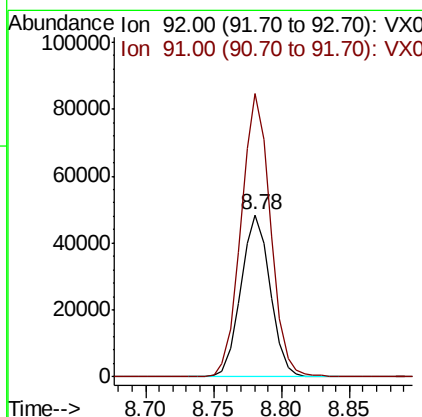
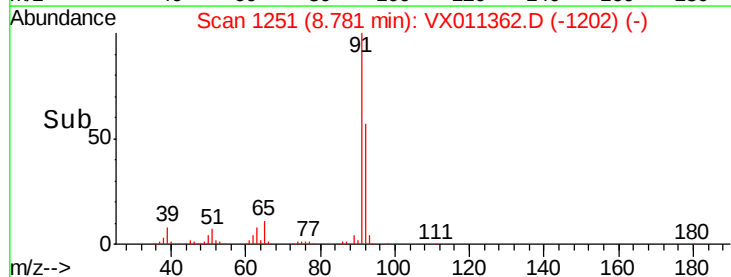
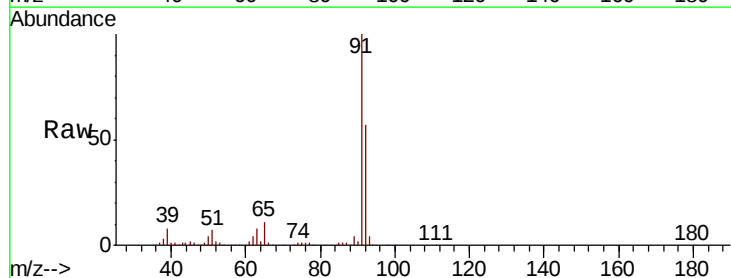
Instrument :
 MSVOA_X
 ClientSampled :
 30320

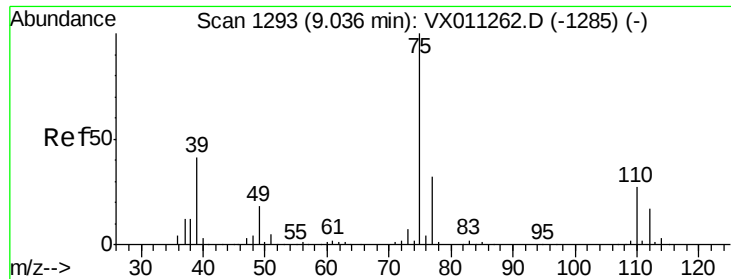
Tgt Ion: 43 Resp: 780
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.3 48.5



#52
 Toluene
 Concen: 14.907 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

Tgt Ion: 92 Resp: 72885
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.4 209.0

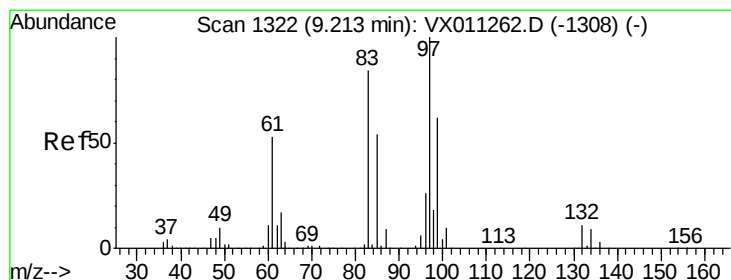
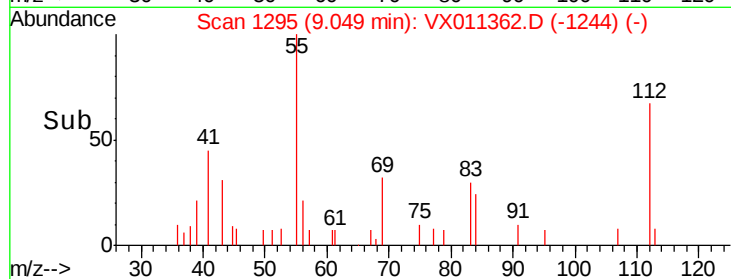
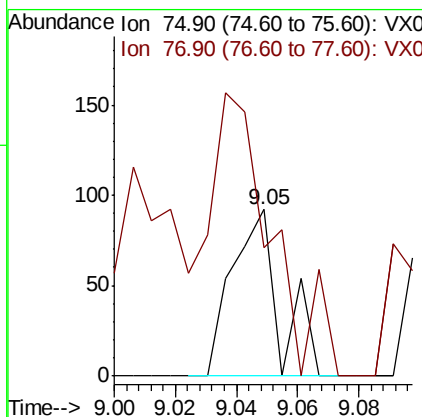
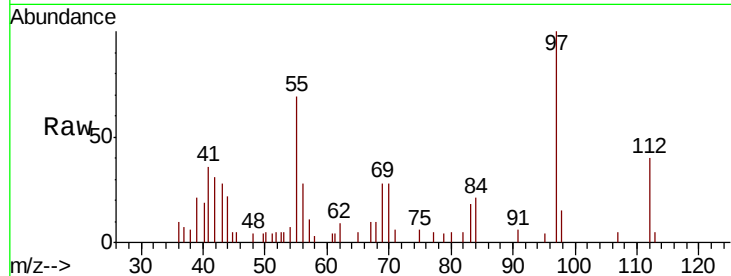




#53
t-1,3-Dichloropropene
Concen: 2.872 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

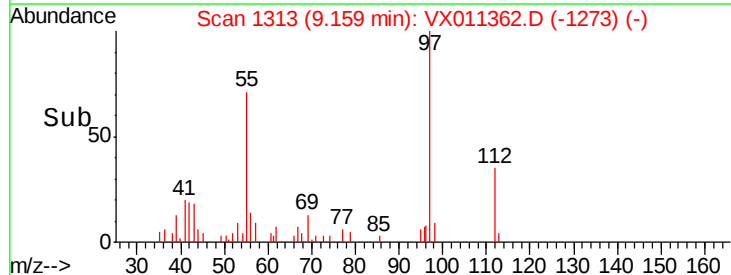
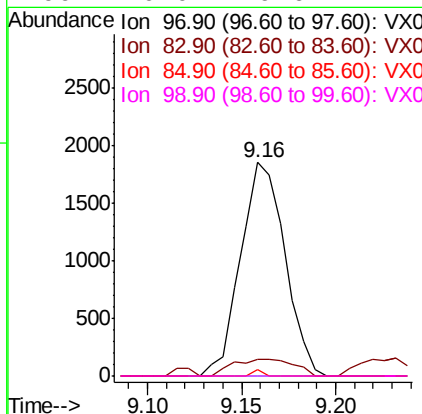
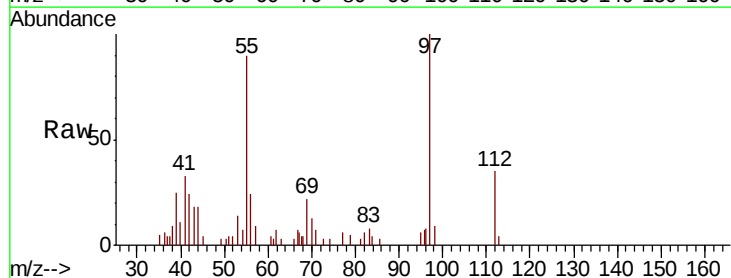
Instrument :
MSVOA_X
ClientSampleId :
30320

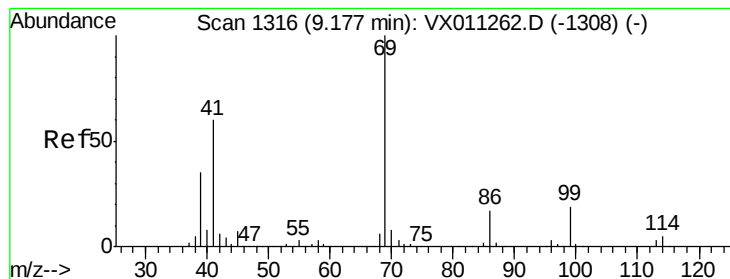
Tgt Ion: 75 Resp: 99
Ion Ratio Lower Upper
75 100
77 77.2 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 1.501 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.05 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion: 97 Resp: 3018
Ion Ratio Lower Upper
97 100
83 8.0 67.6 101.4#
85 2.8 43.4 65.0#
99 0.0 49.6 74.4#





#56

Ethyl methacrylate

Concen: 0.278 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

30320

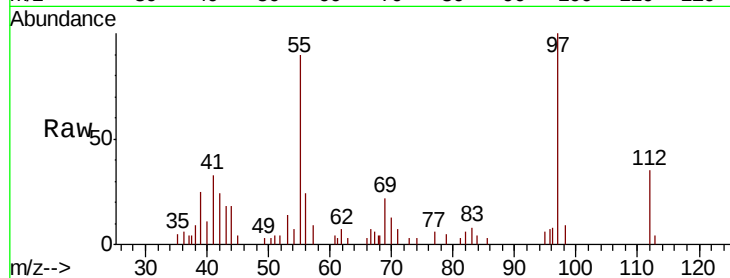
Tgt Ion: 69 Resp: 797

Ion Ratio Lower Upper

69 100

41 115.8 48.6 73.0#

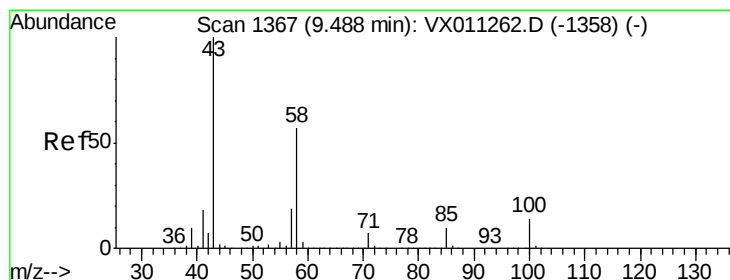
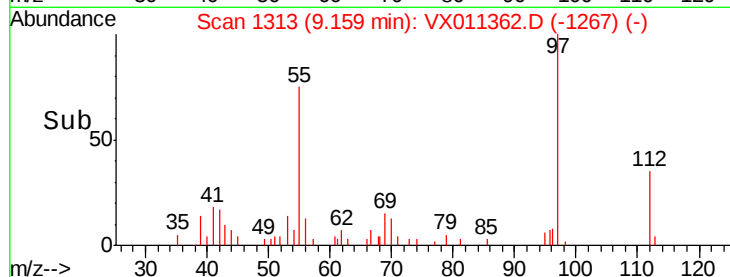
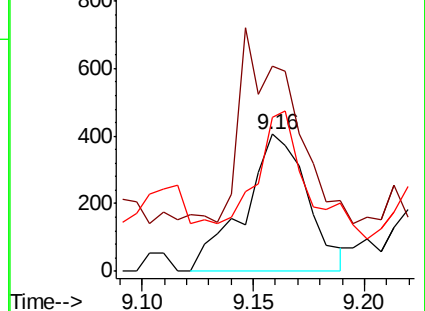
39 75.7 29.4 44.2#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.923 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. 0.07 min

Lab File: VX011362.D

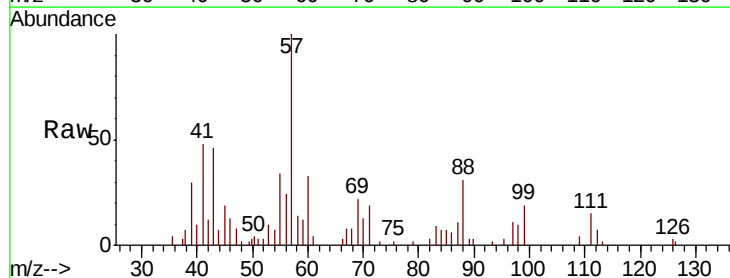
Acq: 07 Aug 2019 14:44

Tgt Ion: 43 Resp: 1833

Ion Ratio Lower Upper

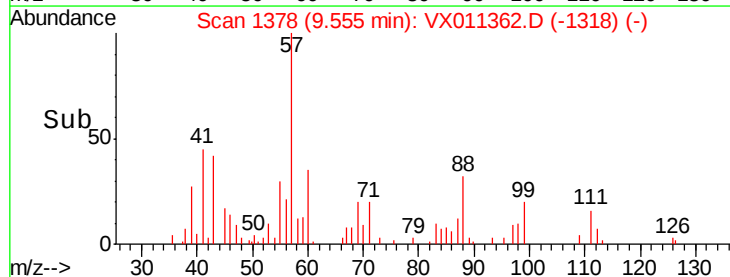
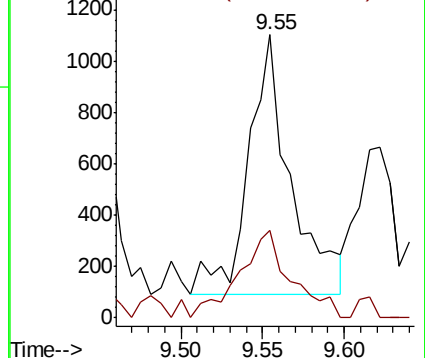
43 100

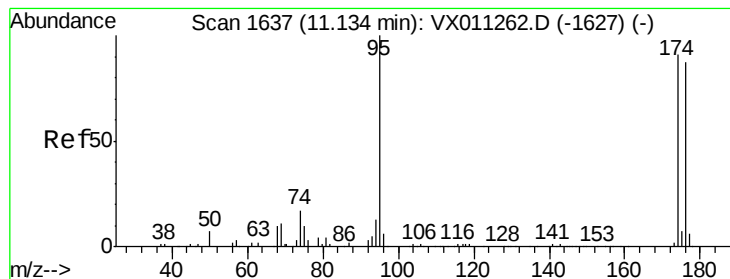
58 41.0 28.2 84.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.539 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

30320

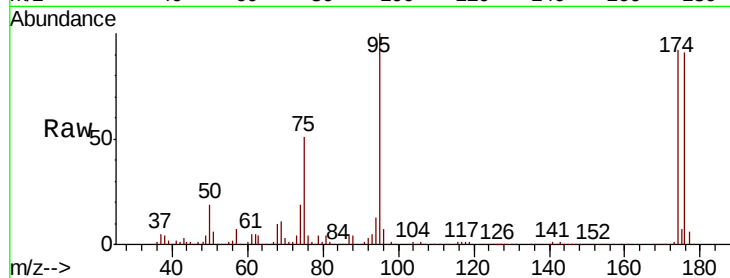
Tgt Ion: 95 Resp: 116229

Ion Ratio Lower Upper

95 100

174 89.8 0.0 191.2

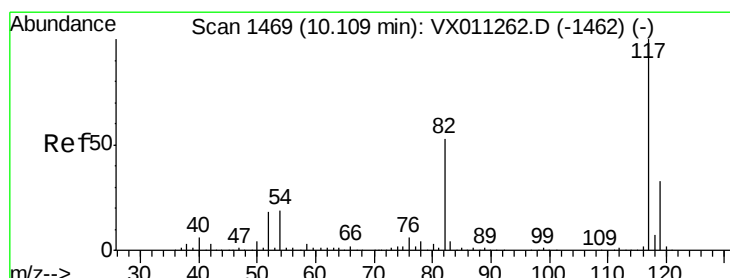
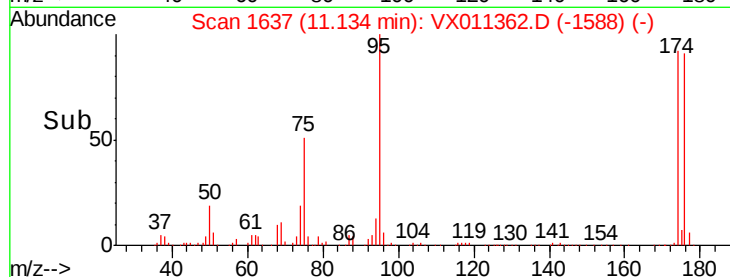
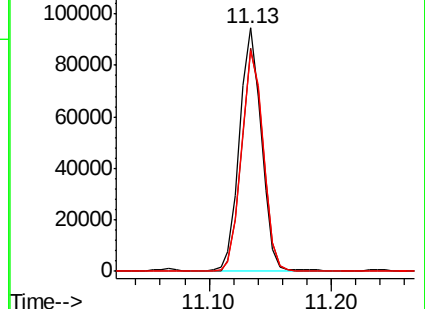
176 90.1 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011362.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011362.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011362.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

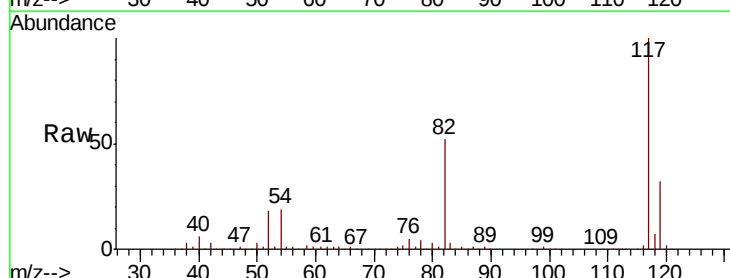
Tgt Ion: 117 Resp: 257996

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.2

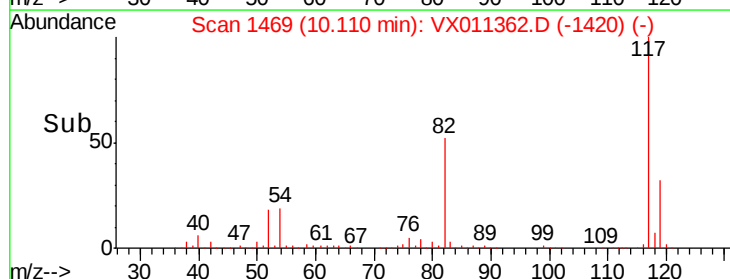
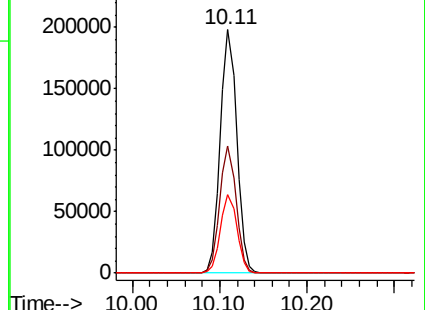
119 32.4 26.6 39.8

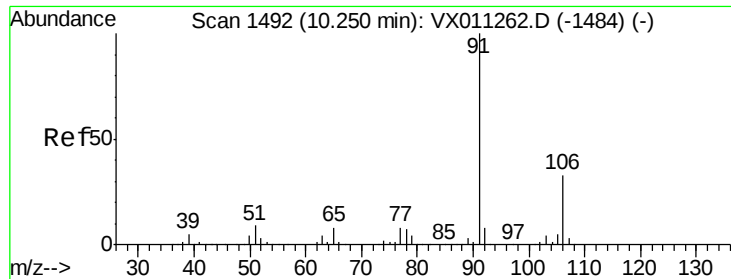


Abundance Ion 116.90 (116.60 to 117.60): VX011362.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011362.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011362.D (-1462) (-)

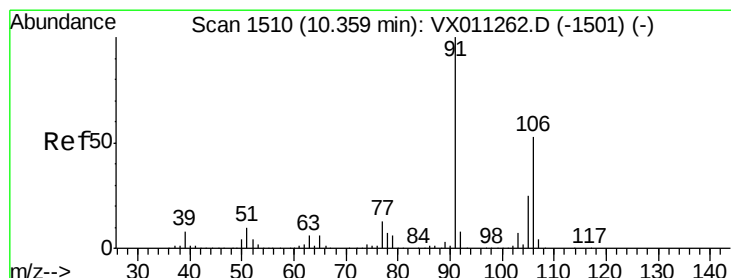
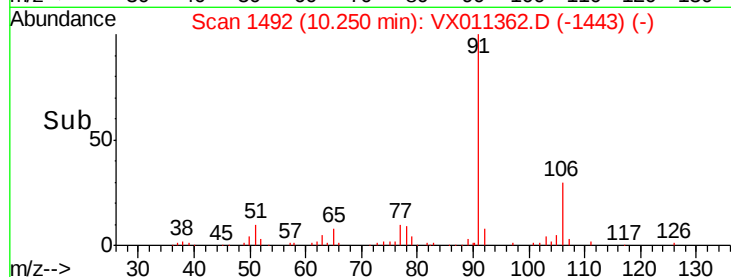
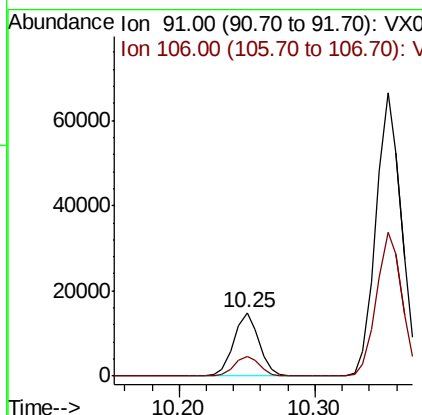
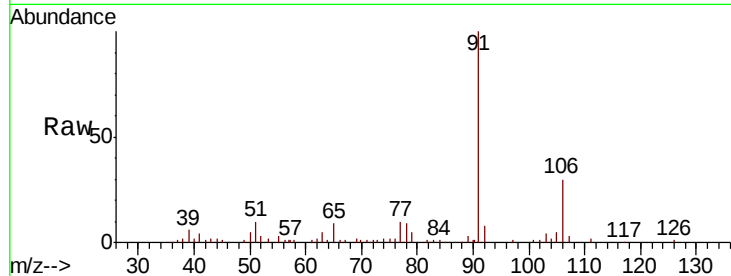




#67
Ethyl Benzene
Concen: 2.086 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

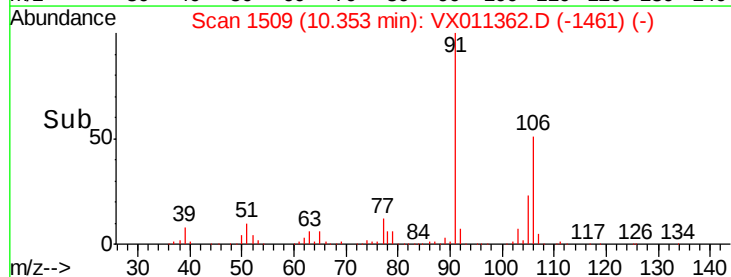
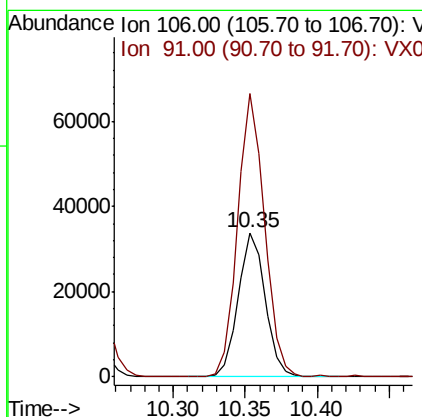
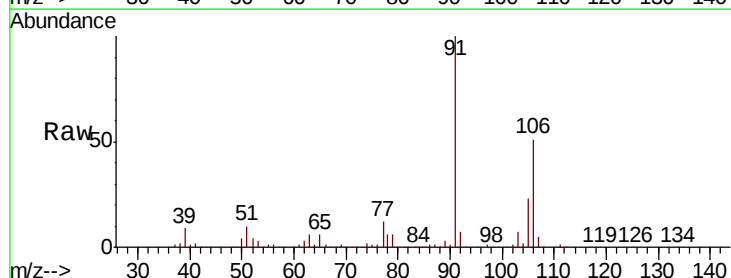
Instrument :
MSVOA_X
ClientSampled :
30320

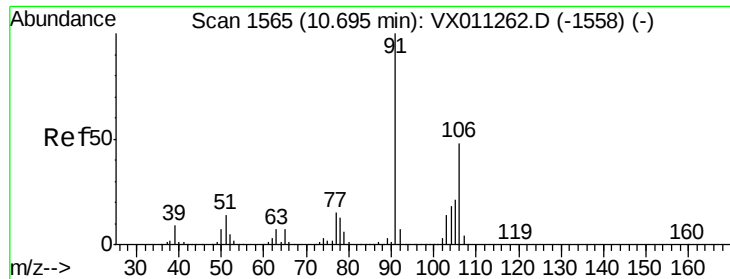
Tgt Ion: 91 Resp: 19328
Ion Ratio Lower Upper
91 100
106 30.1 26.2 39.4



#68
m/p-Xylenes
Concen: 12.321 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion: 106 Resp: 44151
Ion Ratio Lower Upper
106 100
91 196.1 155.9 233.9

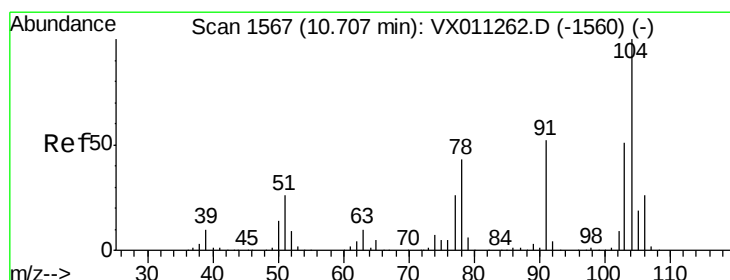
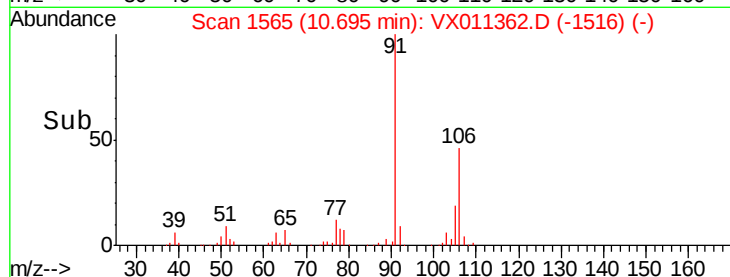
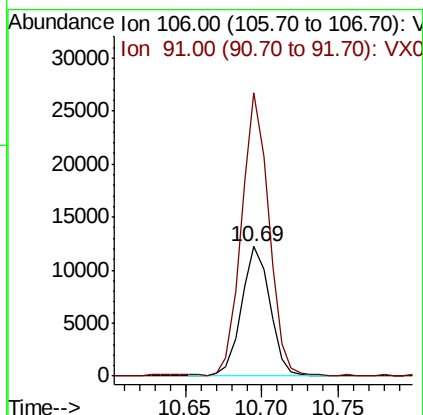
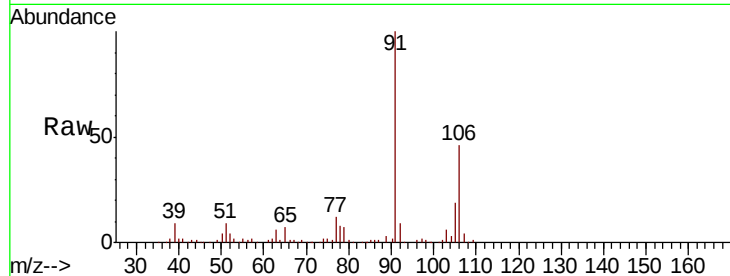




#69
o-Xylene
Concen: 4.486 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

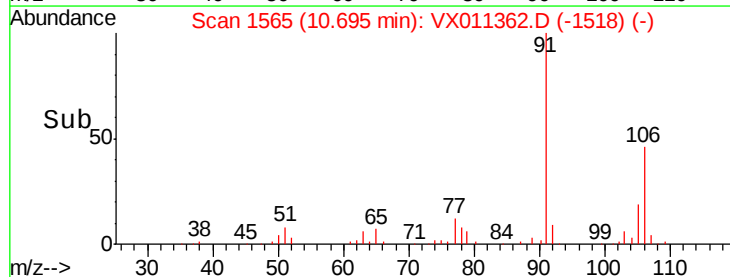
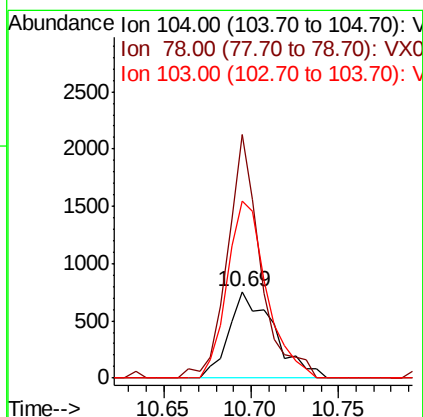
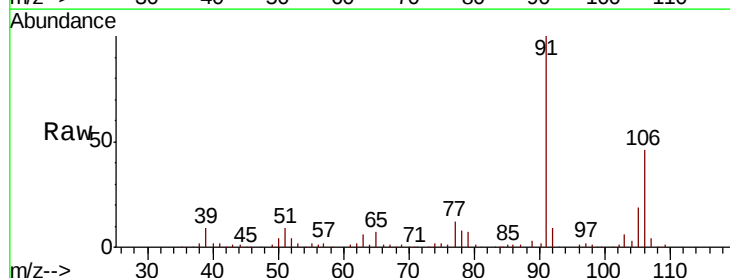
Instrument :
MSVOA_X
ClientSampled :
30320

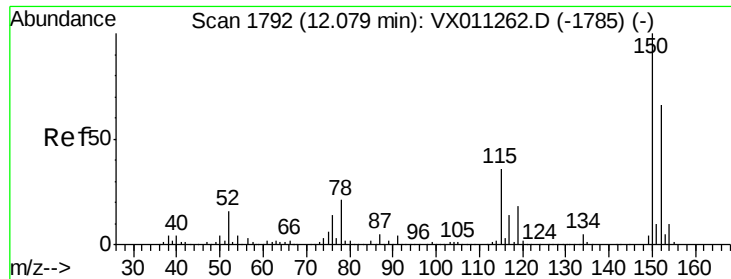
Tgt Ion:106 Resp: 15793
Ion Ratio Lower Upper
106 100
91 213.0 103.8 311.3



#70
Styrene
Concen: 0.233 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion:104 Resp: 1356
Ion Ratio Lower Upper
104 100
78 206.5 36.9 55.3#
103 178.2 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

30320

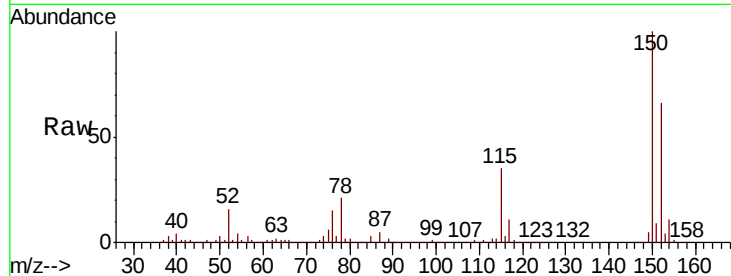
Tgt Ion:152 Resp: 133943

Ion Ratio Lower Upper

152 100

115 54.9 40.0 119.9

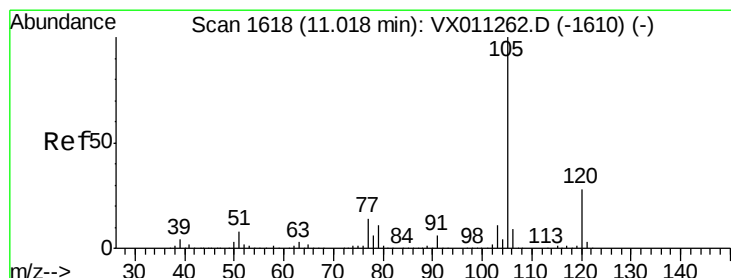
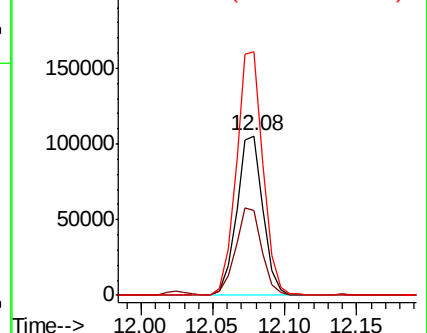
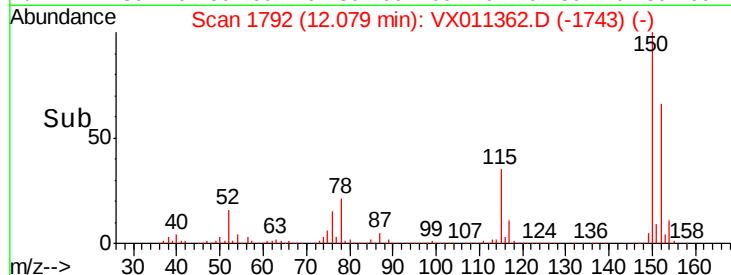
150 155.6 0.0 350.4



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: 0.489 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011362.D

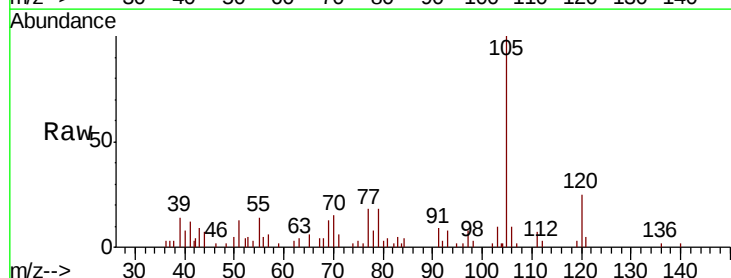
Acq: 07 Aug 2019 14:44

Tgt Ion:105 Resp: 4483

Ion Ratio Lower Upper

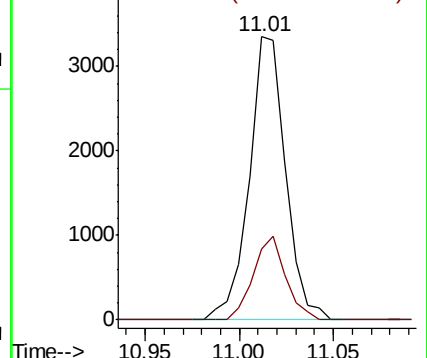
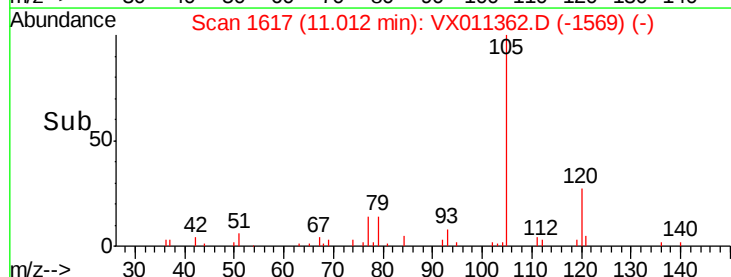
105 100

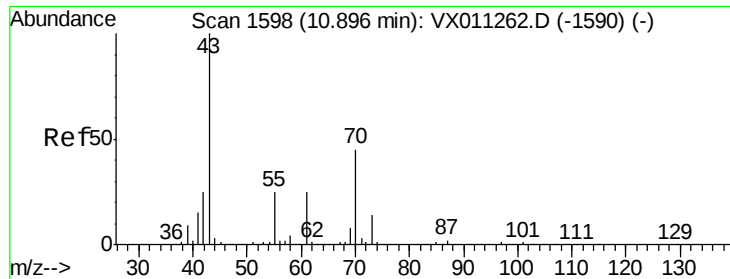
120 26.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.763 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

30320

Tgt Ion: 43 Resp: 2526

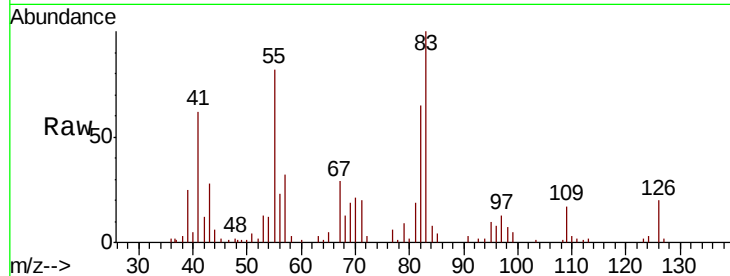
Ion Ratio Lower Upper

43 100

70 77.4 35.9 53.9#

55 301.7 19.8 29.6#

61 0.0 19.7 29.5#



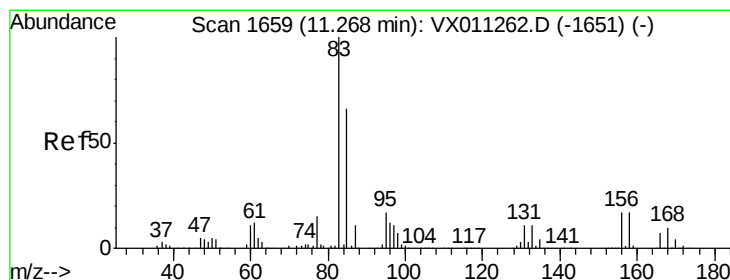
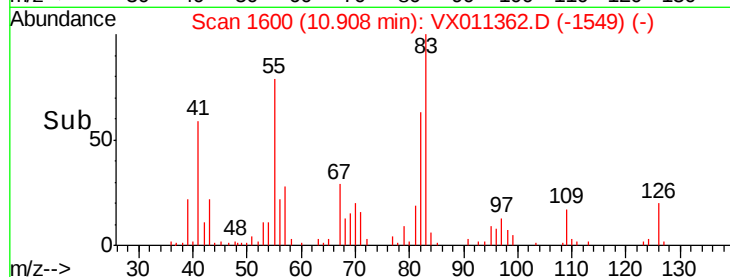
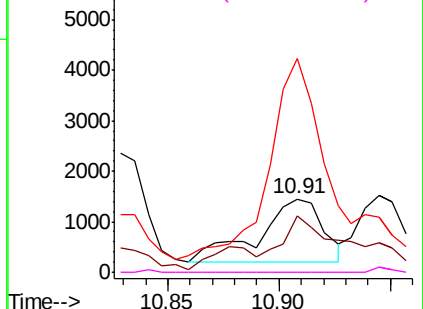
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.456 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

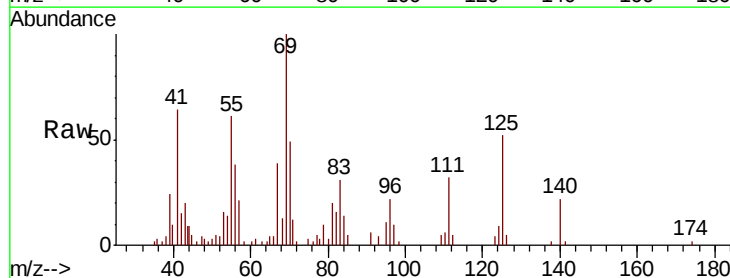
Tgt Ion: 83 Resp: 1392

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.1 96.5#

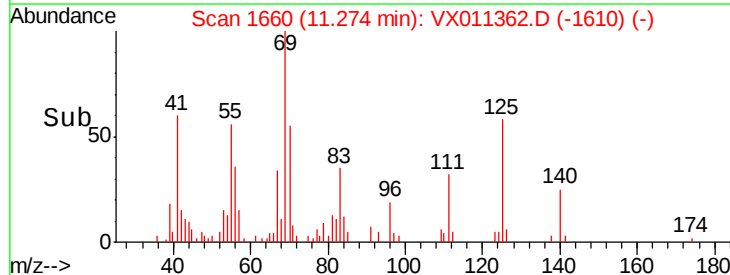
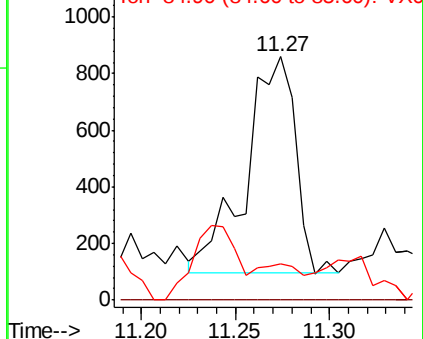


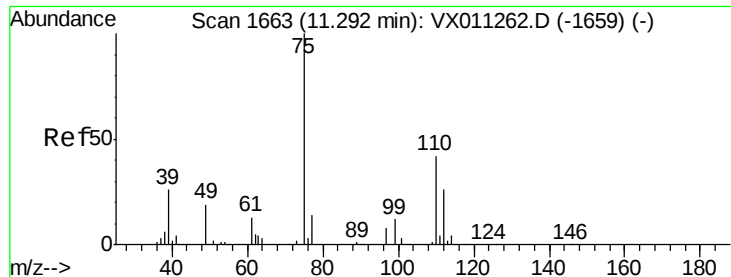
Abundance

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: 24.205 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

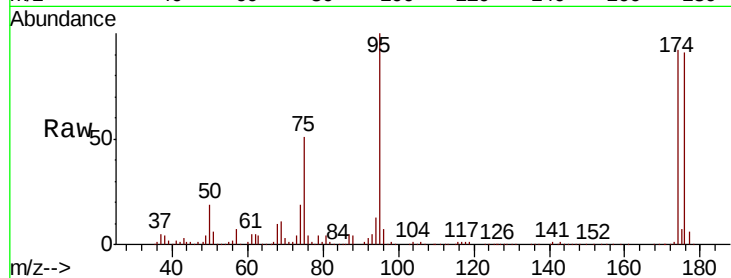
30320

Tgt Ion: 75 Resp: 59043

Ion Ratio Lower Upper

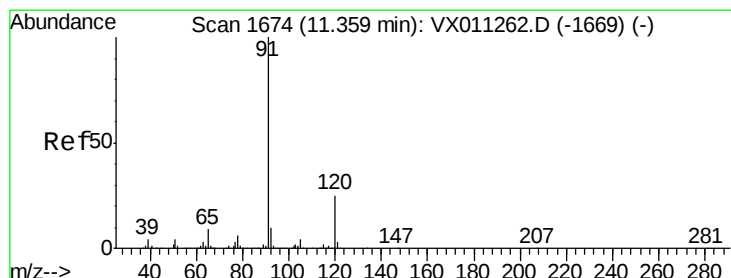
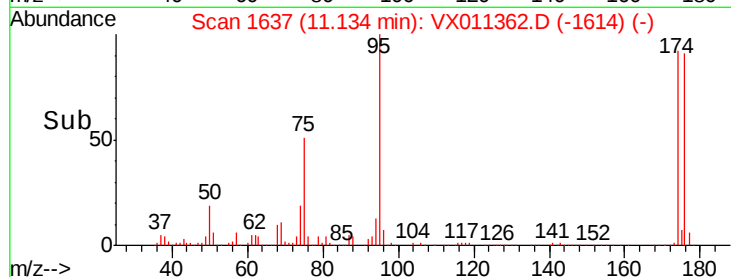
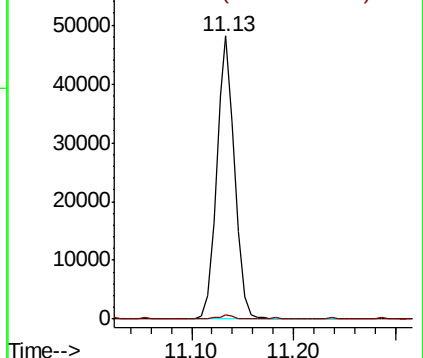
75 100

77 1.5 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: 0.793 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011362.D

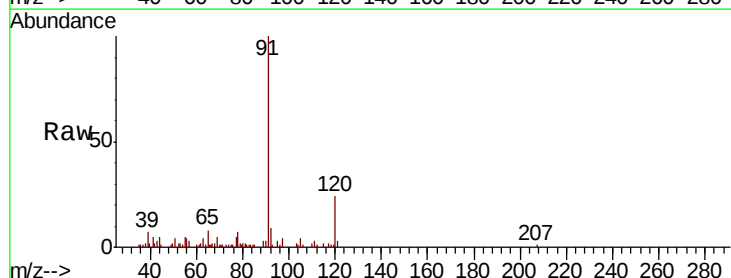
Acq: 07 Aug 2019 14:44

Tgt Ion: 91 Resp: 8074

Ion Ratio Lower Upper

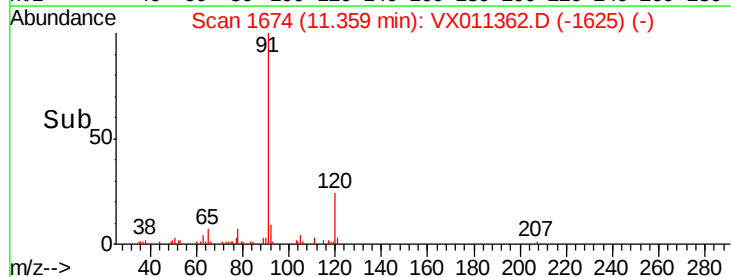
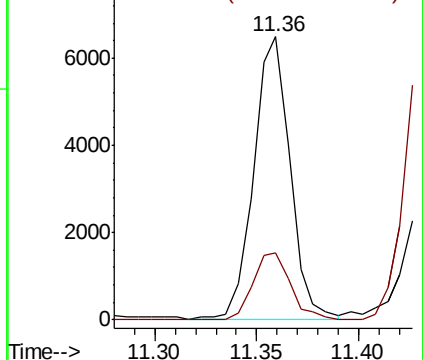
91 100

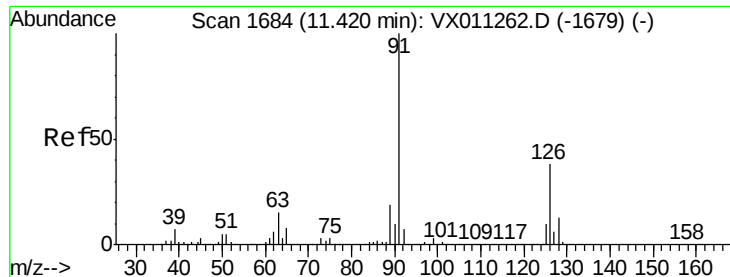
120 24.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

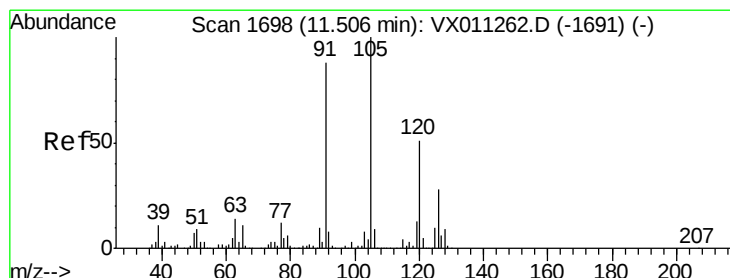
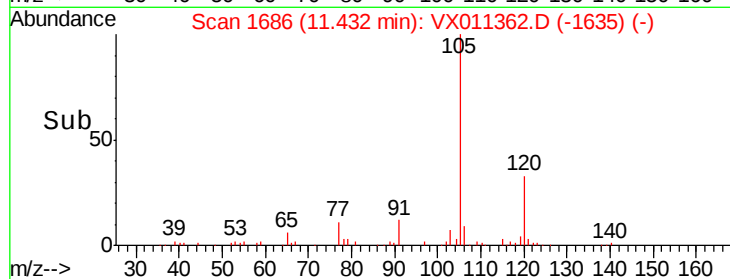
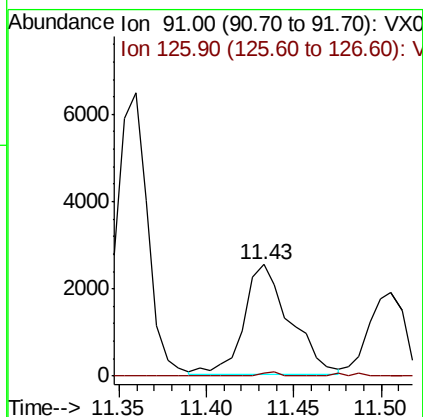
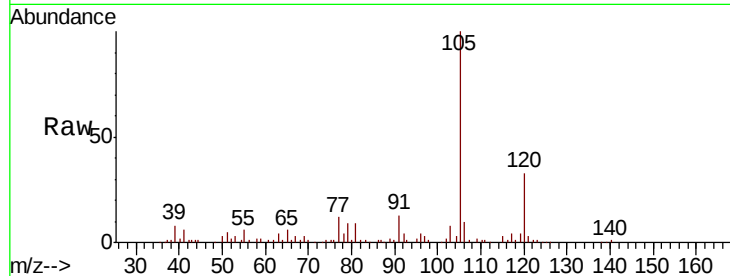




#79
 2-Chlorotoluene
 Concen: 0.763 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

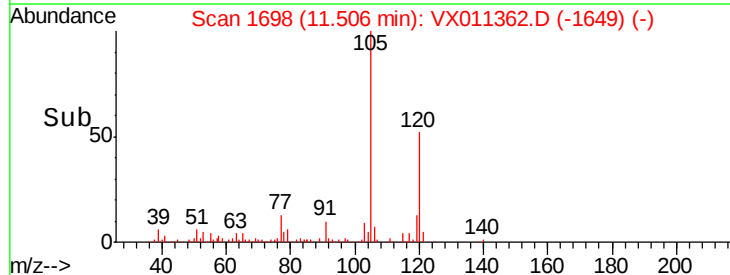
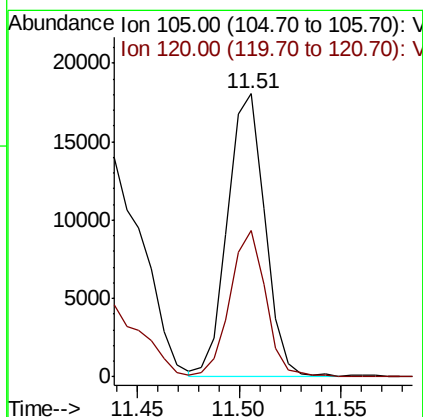
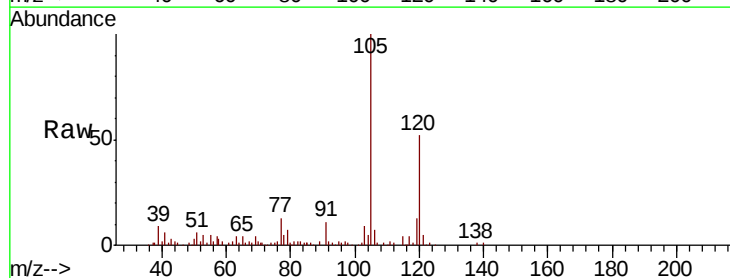
Instrument :
 MSVOA_X
 ClientSampled :
 30320

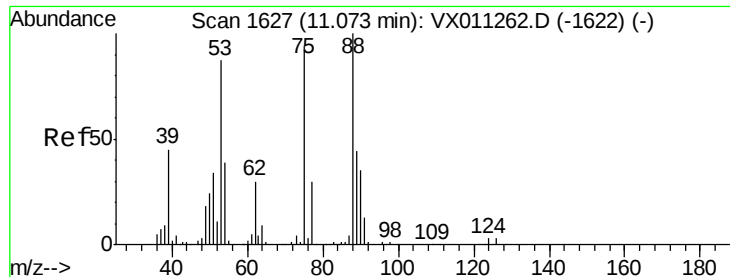
Tgt Ion: 91 Resp: 4635
 Ion Ratio Lower Upper
 91 100
 126 1.3 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.966 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

Tgt Ion: 105 Resp: 22741
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.1 75.2

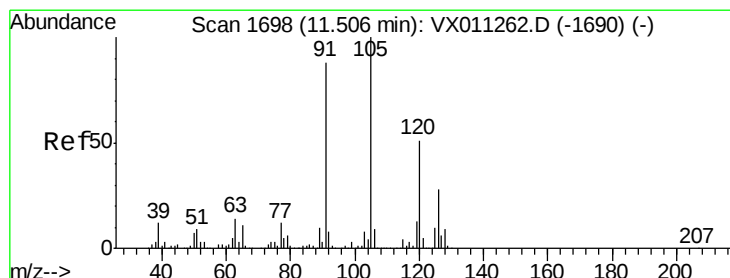
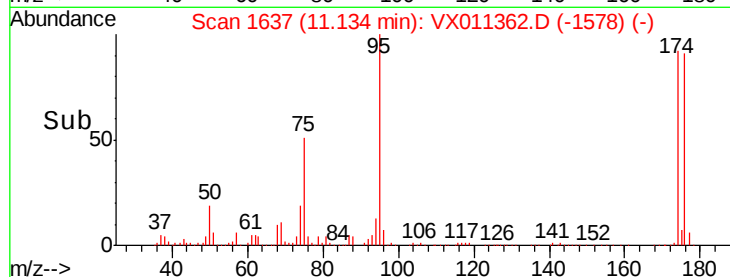
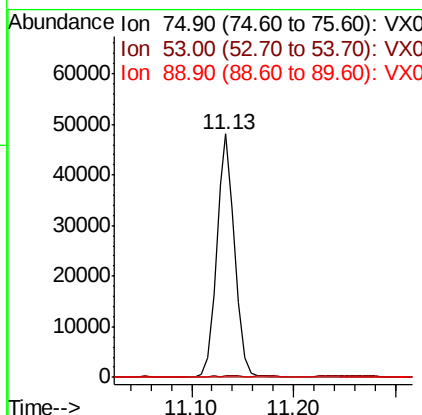
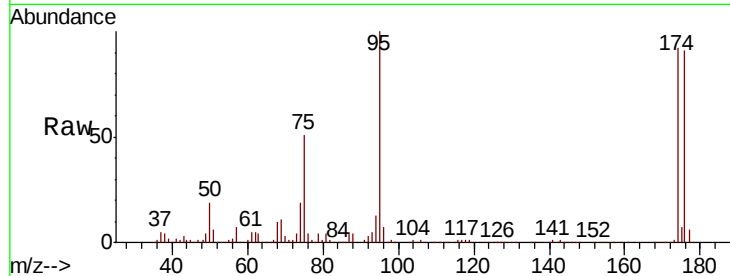




#81
trans-1,4-Dichloro-2-butene
Concen: 63.309 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

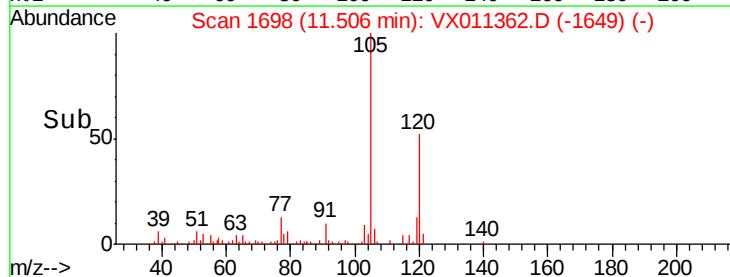
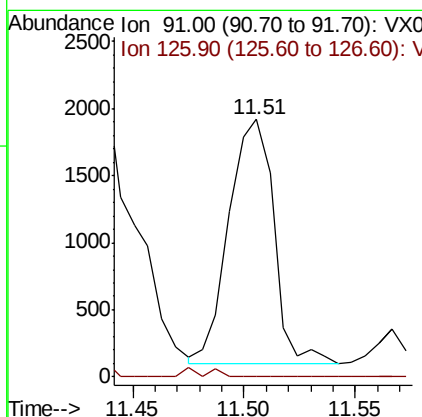
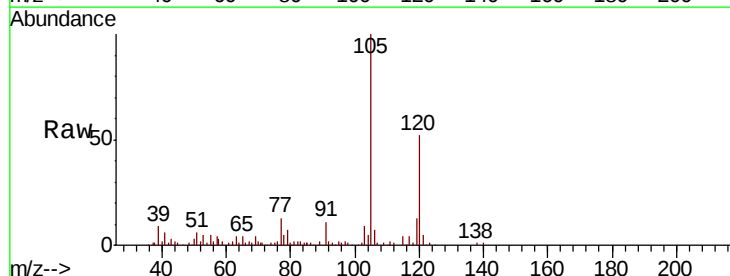
Instrument :
MSVOA_X
ClientSampleId :
30320

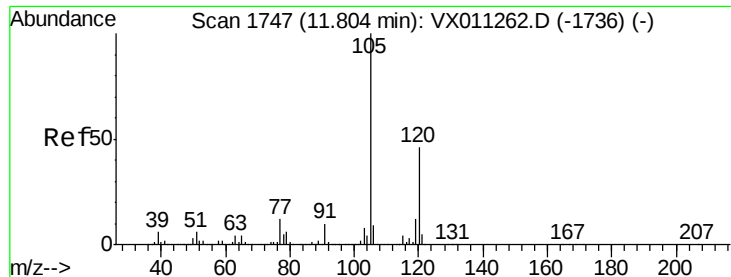
Tgt Ion: 75 Resp: 59043
Ion Ratio Lower Upper
75 100
53 0.4 78.2 117.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.363 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion: 91 Resp: 2567
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

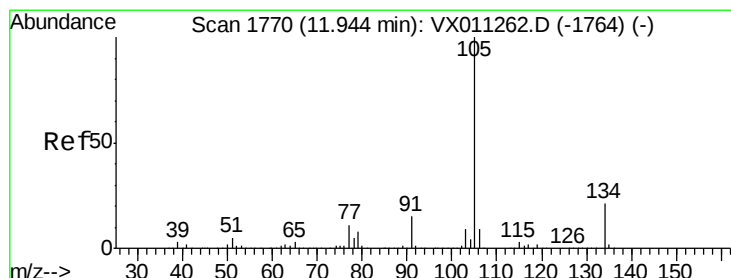
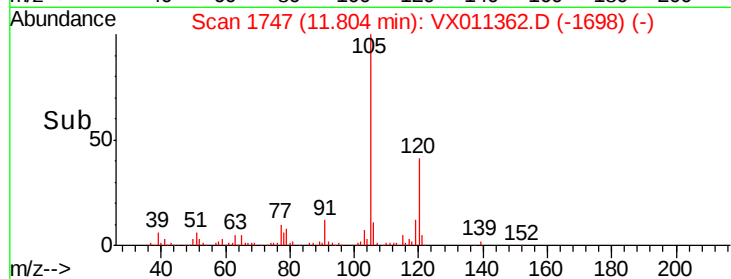
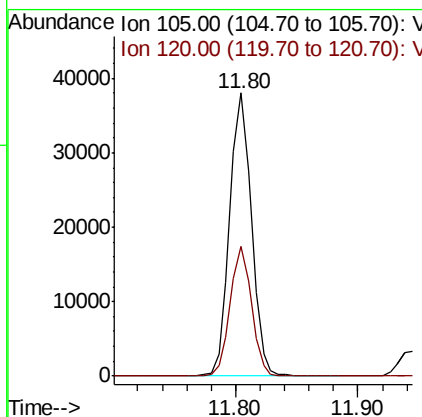
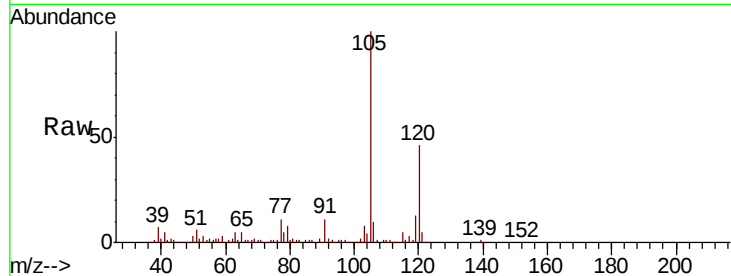




#84
 1,2,4-Trimethylbenzene
 Concen: 6.137 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

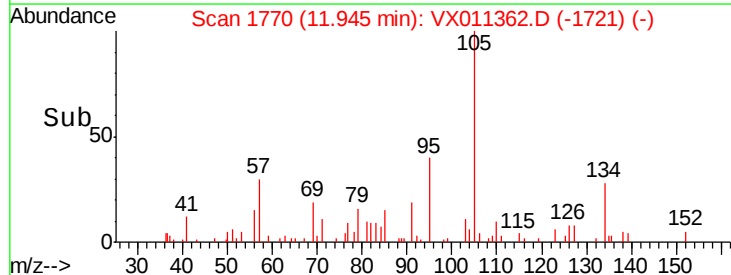
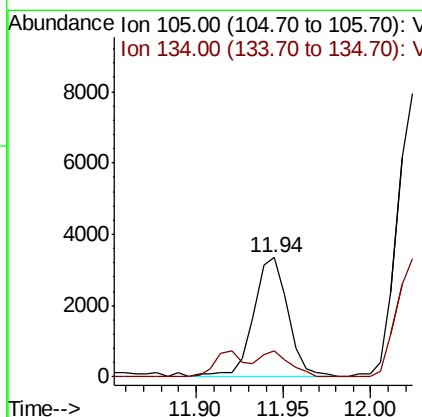
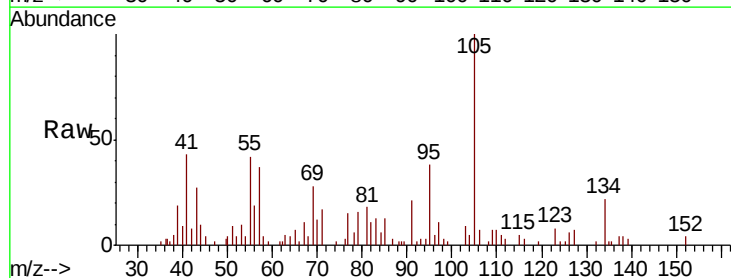
Instrument :
 MSVOA_X
 ClientSampleId :
 30320

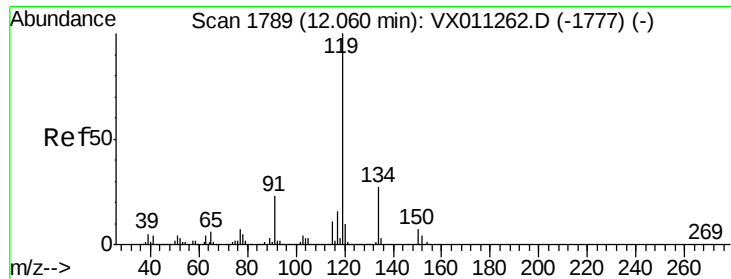
Tgt Ion:105 Resp: 46858
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 0.510 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011362.D
 Acq: 07 Aug 2019 14:44

Tgt Ion:105 Resp: 4613
 Ion Ratio Lower Upper
 105 100
 134 17.6 10.4 31.4

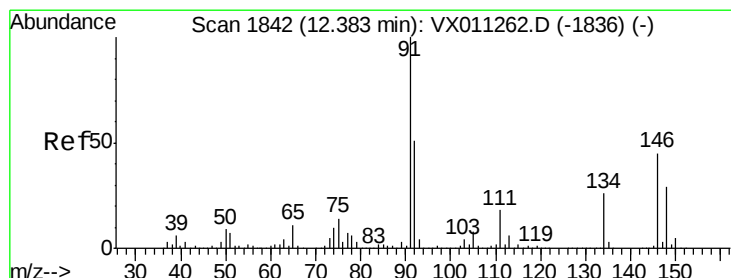
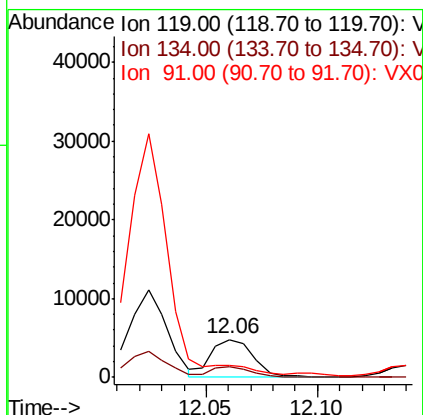
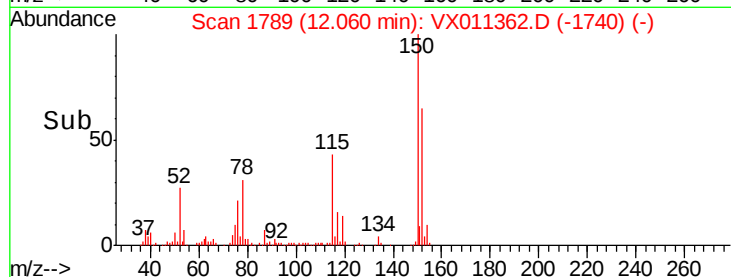
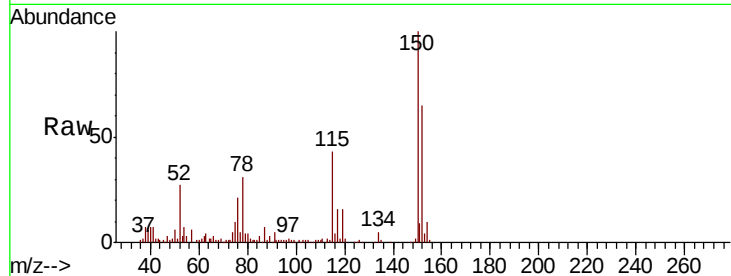




#86
p-Isopropyltoluene
Concen: 0.766 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

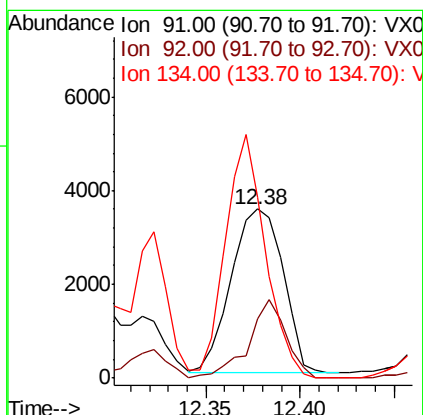
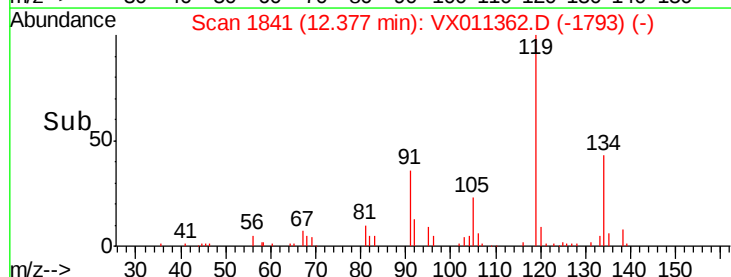
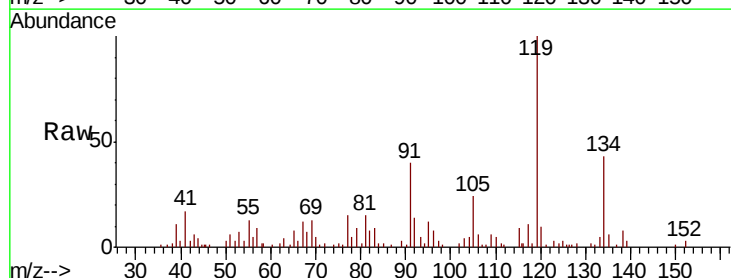
Instrument :
MSVOA_X
ClientSampleId :
30320

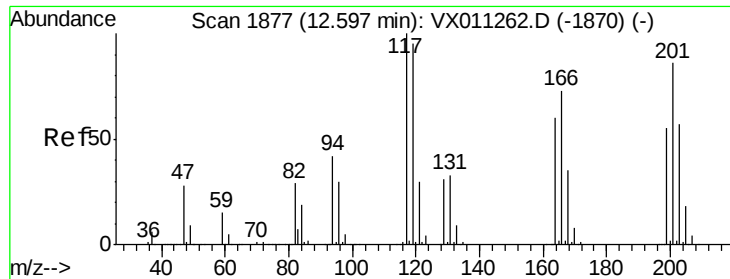
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.7	41.0
91	0.0	11.4	34.2#



#89
n-Butylbenzene
Concen: 0.936 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.5	25.8	77.3
134	113.6	13.7	41.0#





#90

Hexachloroethane

Concen: 1.001 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

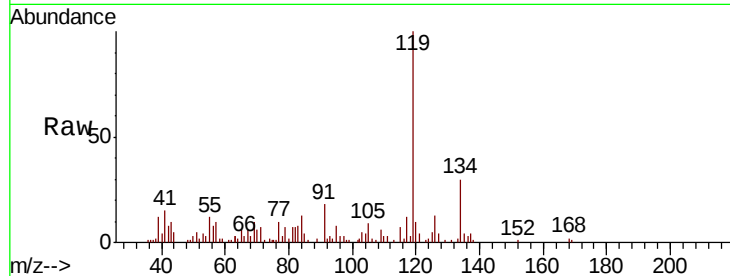
30320

Tgt Ion:117 Resp: 1230

Ion Ratio Lower Upper

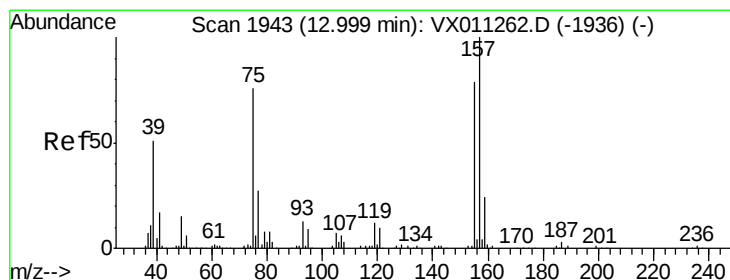
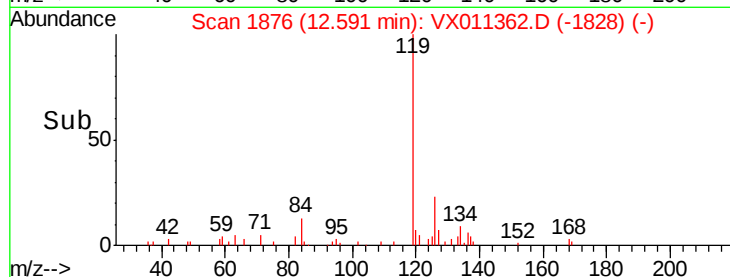
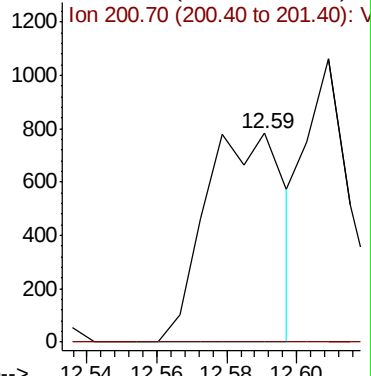
117 100

201 0.0 41.8 125.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.458 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011362.D

Acq: 07 Aug 2019 14:44

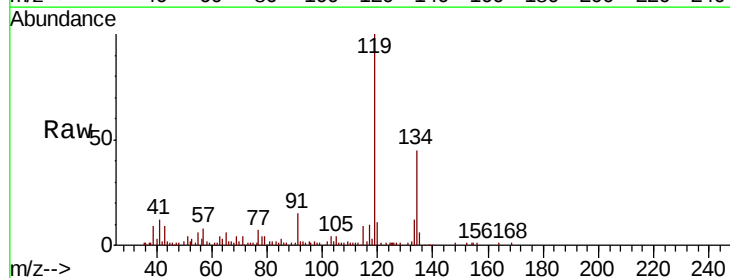
Tgt Ion: 75 Resp: 271

Ion Ratio Lower Upper

75 100

155 9.6 51.9 155.8#

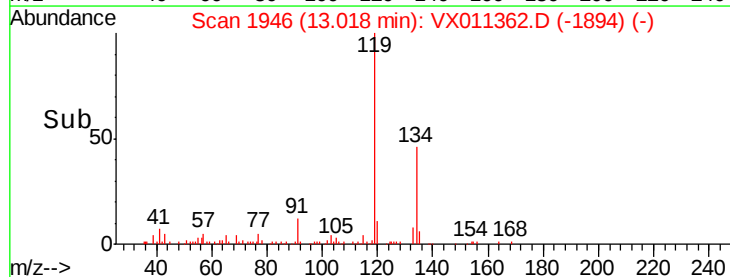
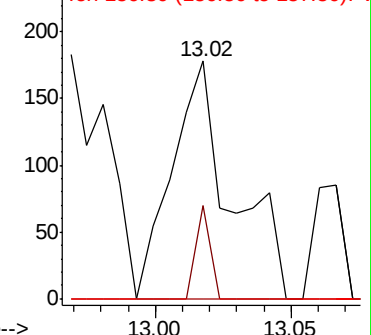
157 0.0 64.3 192.7#

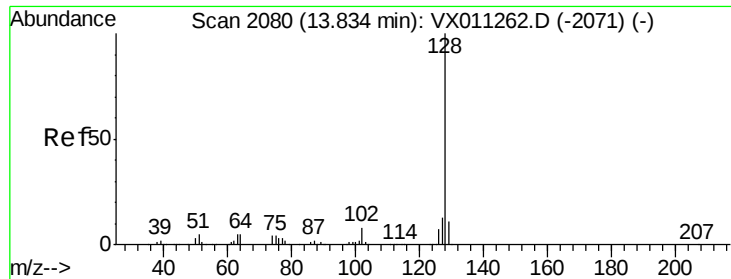


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

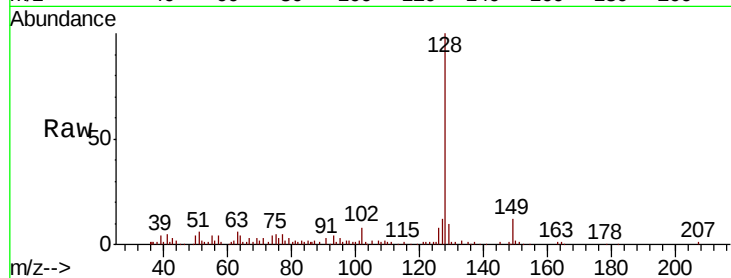




#95
Naphthalene
Concen: 2.505 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011362.D
Acq: 07 Aug 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
30320

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.6	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

