

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019751.D
 Acq On : 07 Dec 2020 14:45
 Operator : JC/MD
 Sample : L4960-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BES-12SRDL

Quant Time: Dec 08 05:57:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	345049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	565968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	503925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	205615	45.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.68%		
35) Dibromofluoromethane	5.46	113	168304	46.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.02%		
50) Toluene-d8	8.70	98	681441	48.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.60%		
62) 4-Bromofluorobenzene	11.12	95	243816	45.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.74%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	359	0.276	ug/l	87
10) Methyl Iodide	2.50	142	1746	0.379	ug/l	97
11) Tert butyl alcohol	3.00	59	5286	3.089	ug/l #	73
13) Acrolein	2.25	56	1110	2.217	ug/l #	1
14) Allyl chloride	2.82	41	47887	8.969	ug/l #	61
15) Acrylonitrile	3.15	53	8798	4.291	ug/l #	41
16) Acetone	2.37	43	21434	12.574	ug/l #	49
18) Methyl Acetate	2.82	43	120345	28.851	ug/l #	47
20) Methylene Chloride	2.83	84	3285	Below Cal	#	1
23) Vinyl Acetate	3.79	43	2287	0.249	ug/l #	68
25) 2-Butanone	4.64	43	1890	0.722	ug/l	96
30) Chloroform	5.24	83	8141	1.216	ug/l #	37
31) Cyclohexane	5.55	56	103866	18.412	ug/l	96
36) 1,1-Dichloropropene	5.63	75	26192	5.121	ug/l #	48
38) Carbon Tetrachloride	5.62	117	33231	6.635	ug/l #	16
39) Methylcyclohexane	7.44	83	102876	17.121	ug/l	98
40) Benzene	6.11	78	3341	0.214	ug/l	99
43) Isopropyl Acetate	6.43	43	3725	0.444	ug/l #	57
45) 1,2-Dichloropropane	7.44	63	1173	0.300	ug/l #	1
48) Methyl methacrylate	7.71	41	10932	2.648	ug/l #	44
51) 4-Methyl-2-Pentanone	8.62	43	1413	0.276	ug/l	98
52) Toluene	8.76	92	3709	0.380	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	9896	2.513	ug/l #	19
56) Ethyl methacrylate	9.15	69	2672	0.449	ug/l #	1
59) 2-Hexanone	9.47	43	1675	0.422	ug/l	93
67) Ethyl Benzene	10.23	91	823064	46.186	ug/l	99
68) m/p-Xylenes	10.34	106	155579	23.169	ug/l	99
69) o-Xylene	10.68	106	6665	1.032	ug/l	95
73) Isopropylbenzene	11.00	105	156798	9.875	ug/l	99
76) 1,2,3-Trichloropropane	11.44	75	3804	0.730	ug/l #	1
78) n-propylbenzene	11.34	91	537320	29.630	ug/l	99
79) 2-Chlorotoluene	11.44	91	48704	4.361	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	264851	19.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	117794	65.330	ug/l #	12

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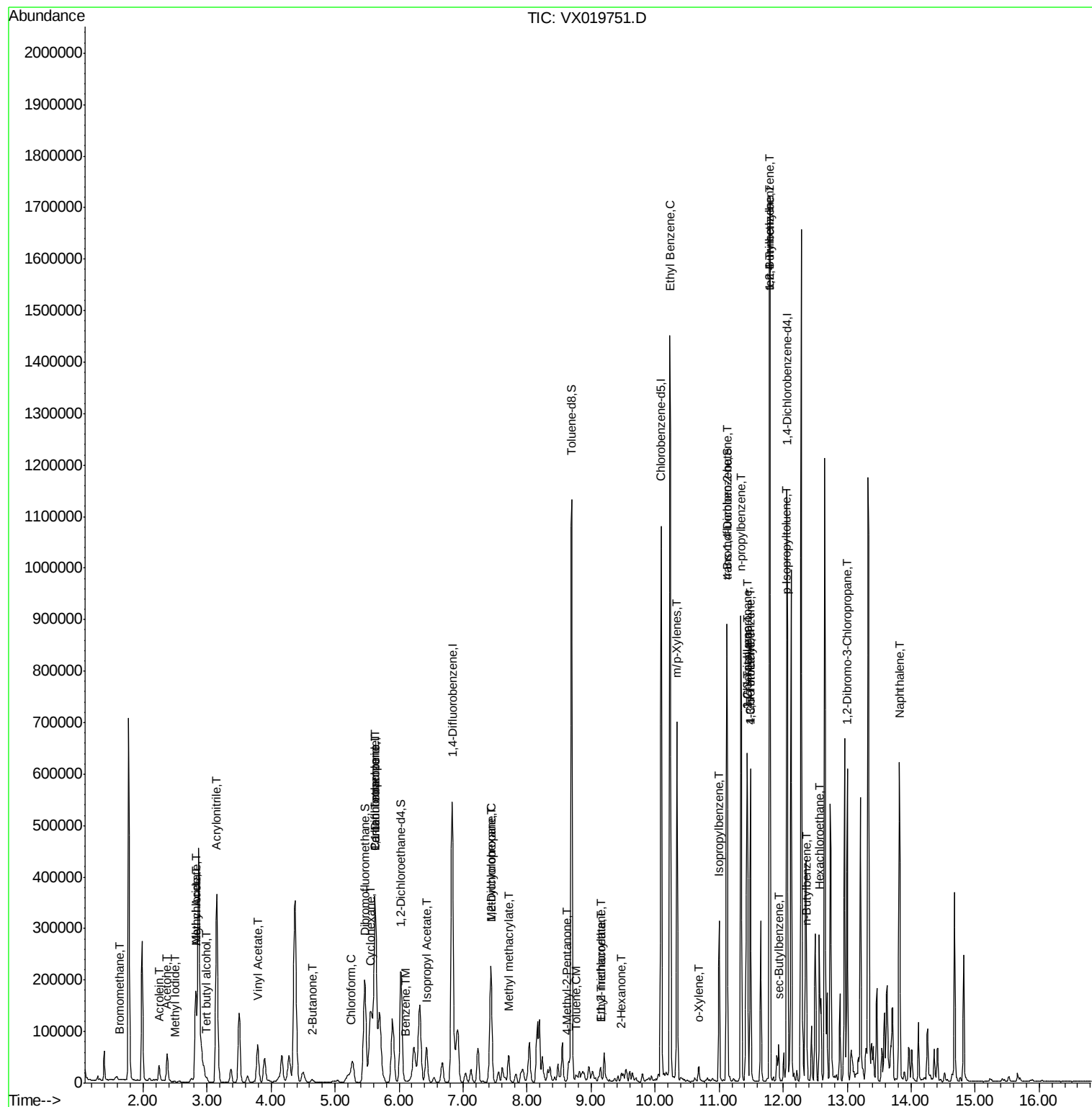
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.49	91	27776	2.124	ug/l #	46
83) tert-Butylbenzene	11.79	119	92507	7.039	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.79	105	759934	56.299	ug/l	99
85) sec-Butylbenzene	11.93	105	38847	2.589	ug/l	98
86) p-Isopropyltoluene	12.05	119	16715	1.216	ug/l	95
89) n-Butylbenzene	12.37	91	71739	5.888	ug/l #	35
90) Hexachloroethane	12.57	117	18127	7.635	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1753	1.457	ug/l #	1
95) Naphthalene	13.82	128	373887	24.370	ug/l	99

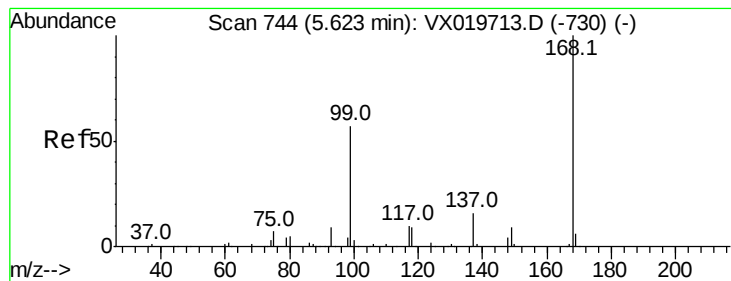
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

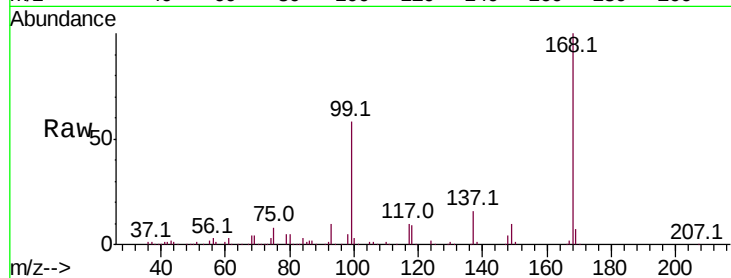
BES-12SRDL

Tot Ion:168 Resp: 345049

Ion Ratio Lower Upper

168 100

99 57.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

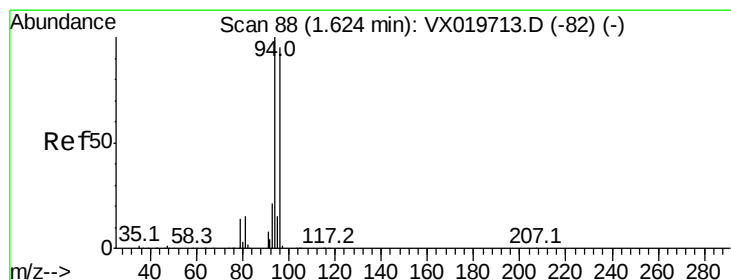
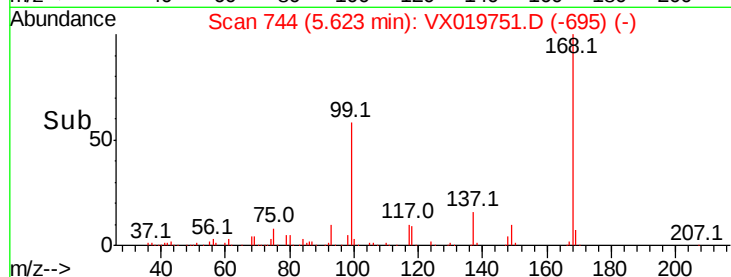
100000

50000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: 0.276 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019751.D

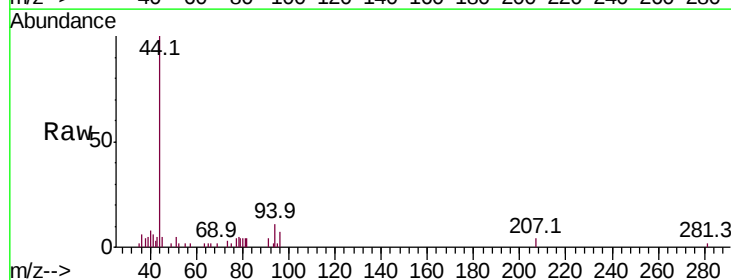
Acq: 07 Dec 2020 14:45

Tgt Ion: 94 Resp: 359

Ion Ratio Lower Upper

94 100

96 82.4 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

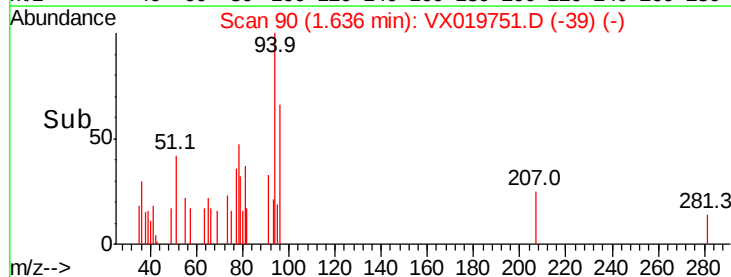
200

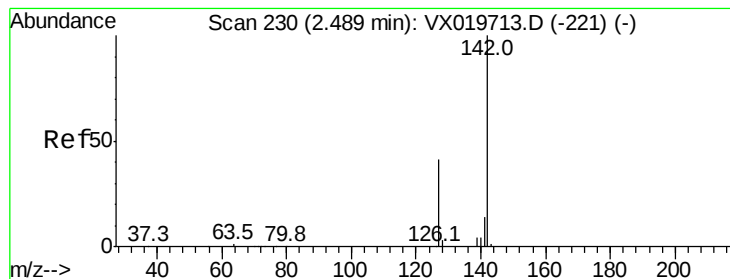
100

0

Time-->

1.60 1.62 1.64 1.66





#10

Methvl Iodide

Concen: 0.379 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

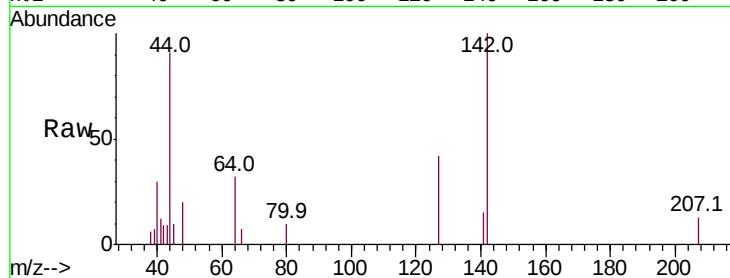
Tot Ion:142 Resp: 1746

Ion Ratio Lower Upper

142 100

127 43.8 33.3 49.9

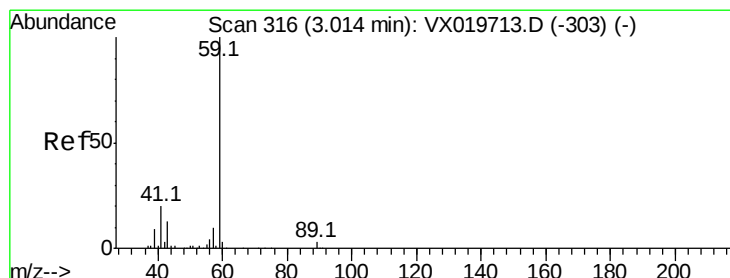
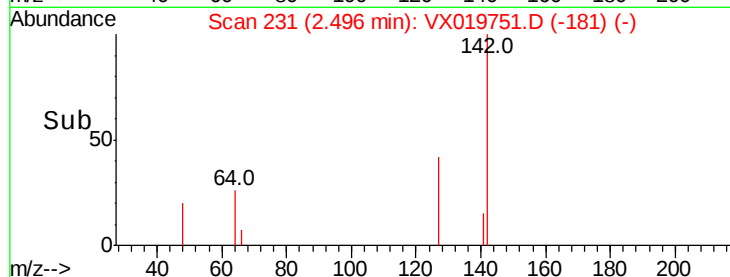
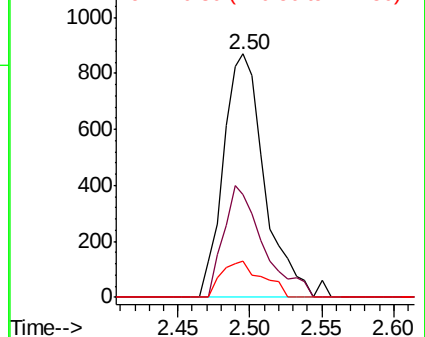
141 14.8 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 3.089 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX019751.D

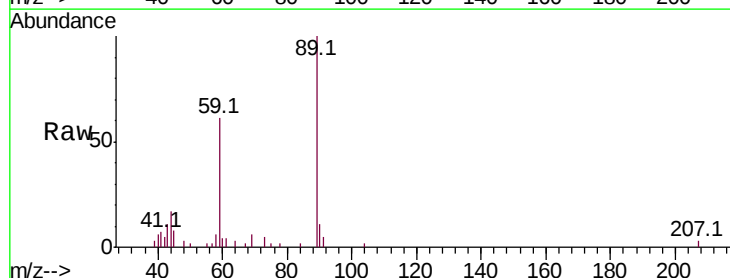
Acq: 07 Dec 2020 14:45

Tgt Ion: 59 Resp: 5286

Ion Ratio Lower Upper

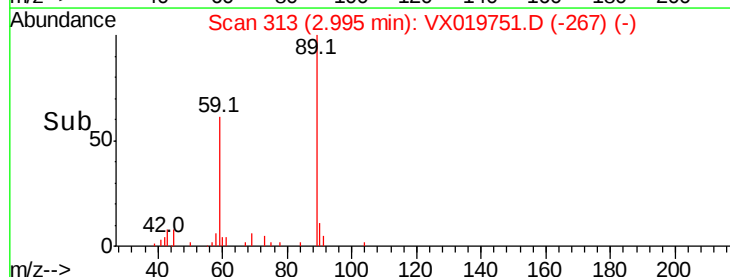
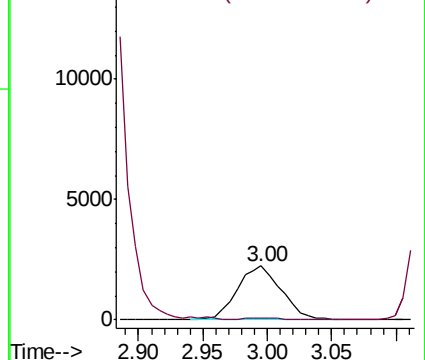
59 100

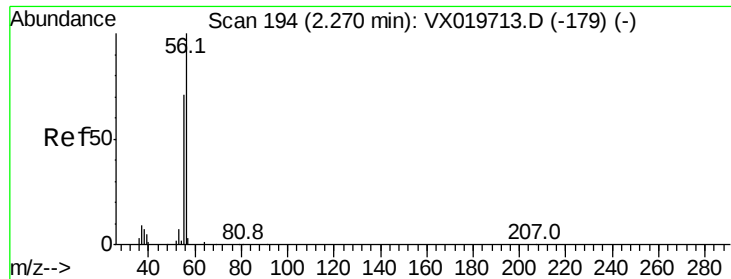
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 2.217 ug/l

RT: 2.25 min Scan# 190

Delta R.T. -0.02 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

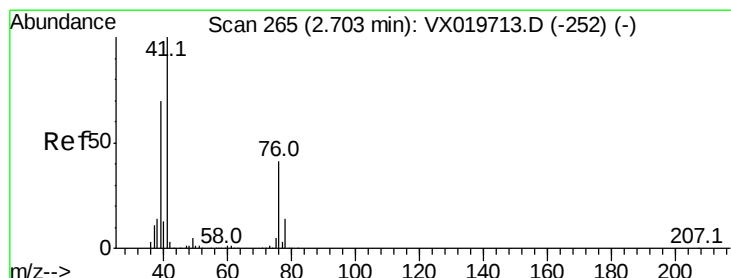
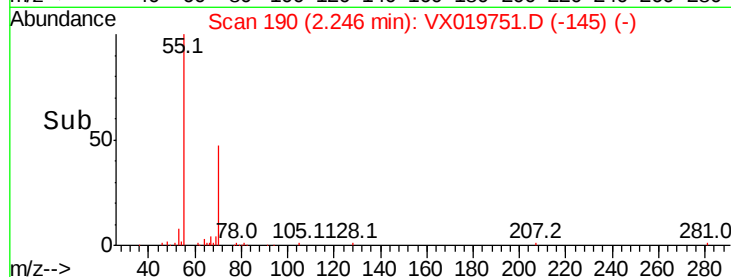
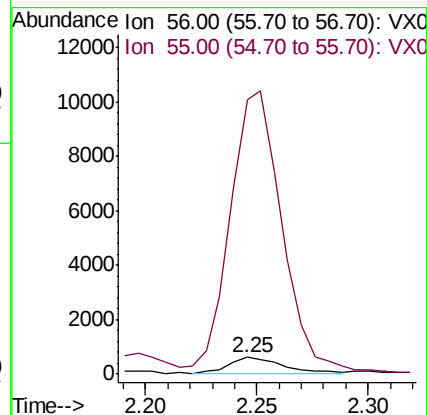
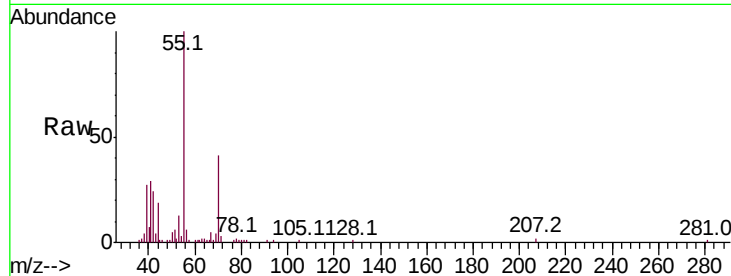
BES-12SRDL

Tot Ion: 56 Resp: 1110

Ion Ratio Lower Upper

56 100

55 1520.2 56.4 84.6#



#14

Allyl chloride

Concen: 8.969 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.12 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

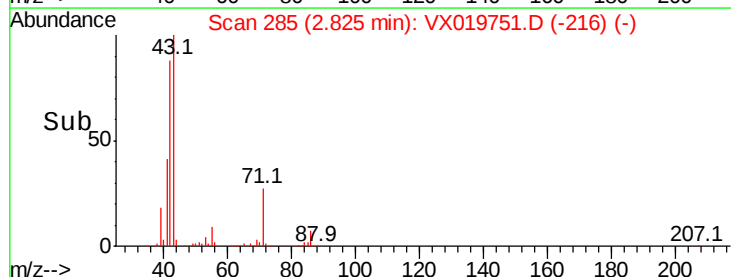
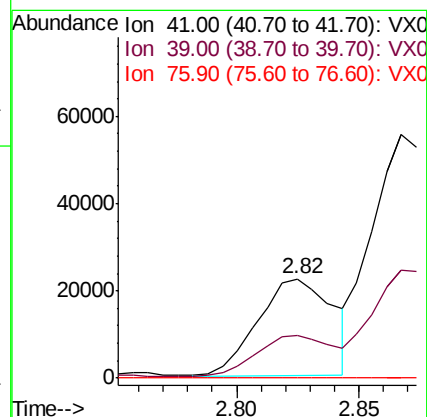
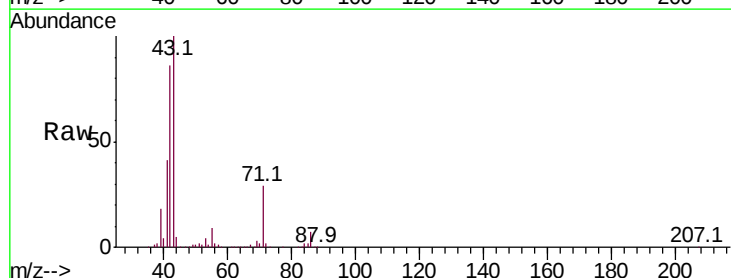
Tgt Ion: 41 Resp: 47887

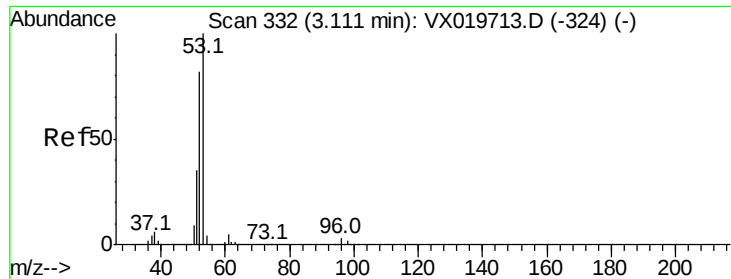
Ion Ratio Lower Upper

41 100

39 44.7 51.6 77.4#

76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 4.291 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.04 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

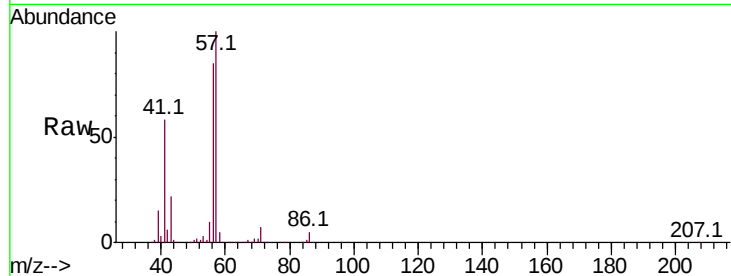
Tot Ion: 53 Resp: 8798

Ion Ratio Lower Upper

53 100

52 21.4 65.3 97.9#

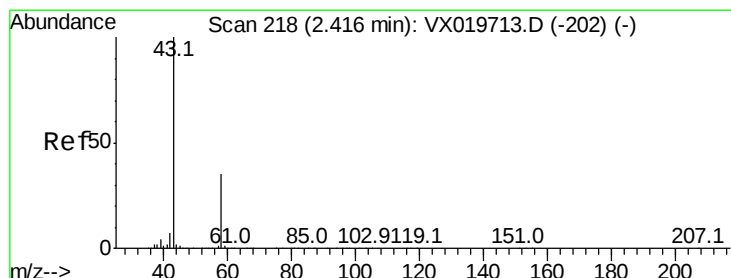
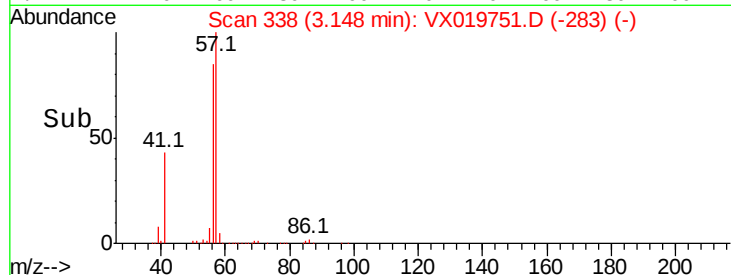
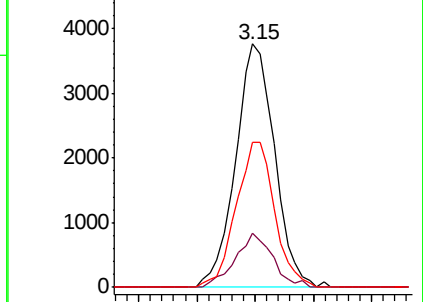
51 58.8 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 12.574 ug/l

RT: 2.37 min Scan# 211

Delta R.T. -0.04 min

Lab File: VX019751.D

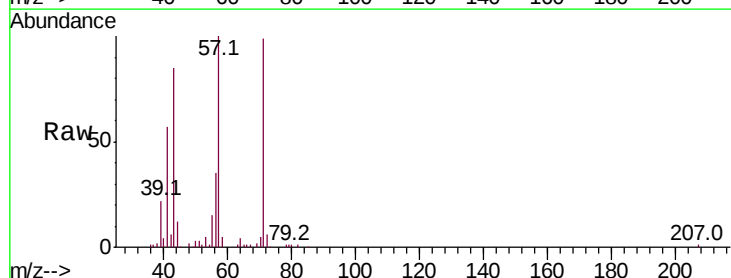
Acq: 07 Dec 2020 14:45

Tgt Ion: 43 Resp: 21434

Ion Ratio Lower Upper

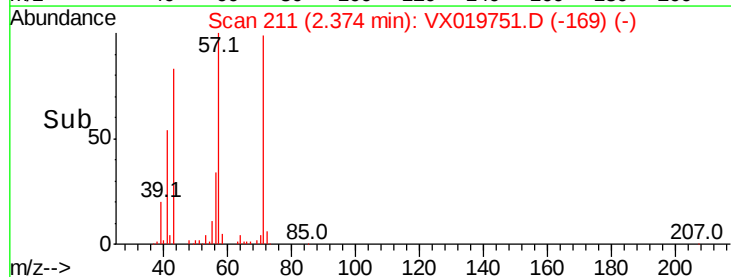
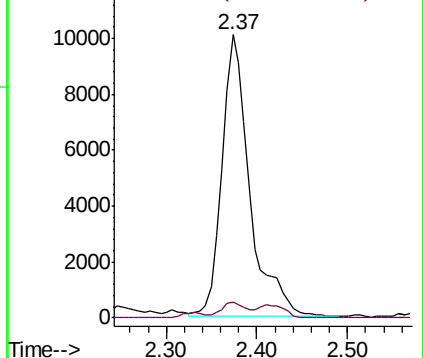
43 100

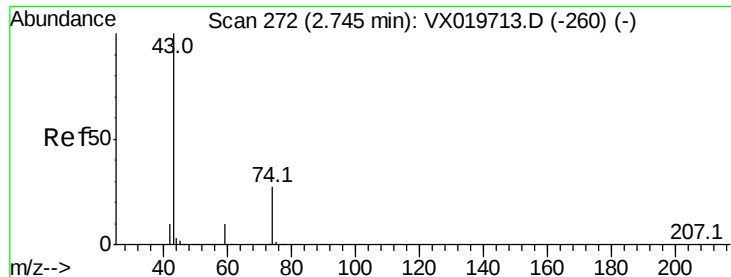
58 5.5 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

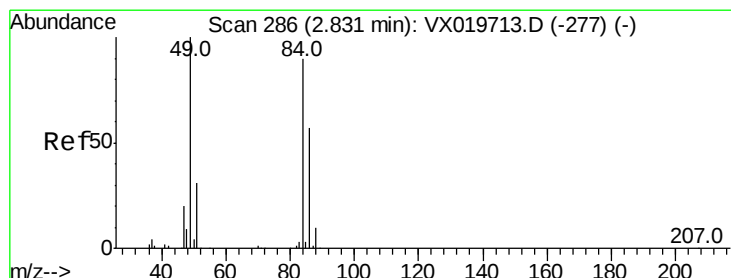
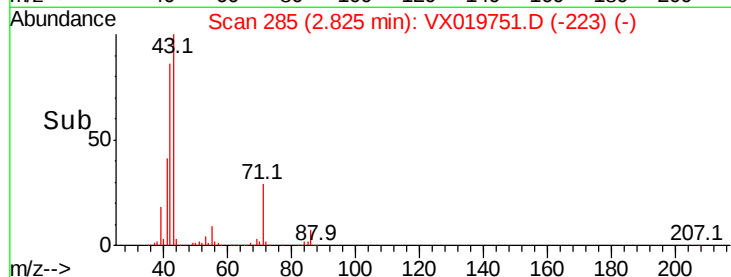
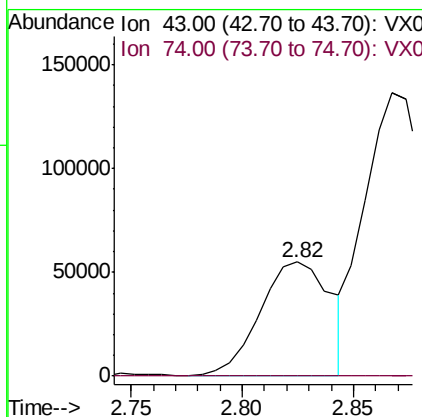
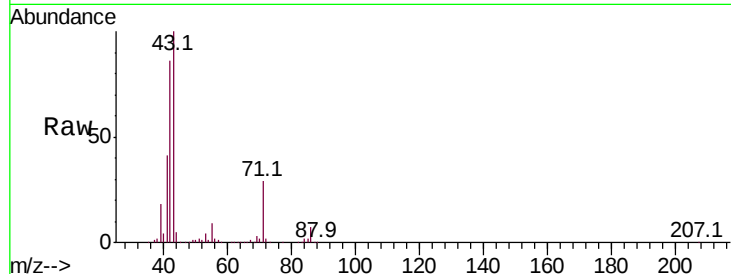




#18
Methyl Acetate
Concen: 28.851 ug/l
RT: 2.82 min Scan# 285
Delta R.T. 0.08 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

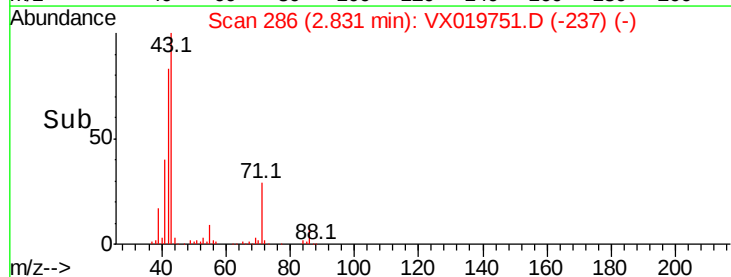
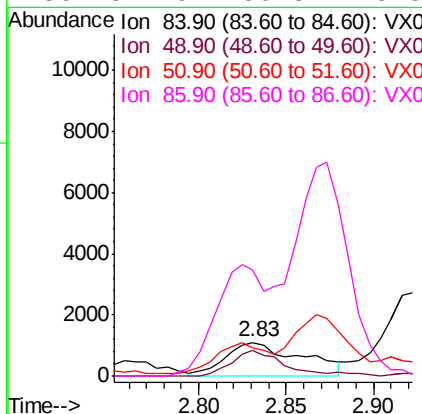
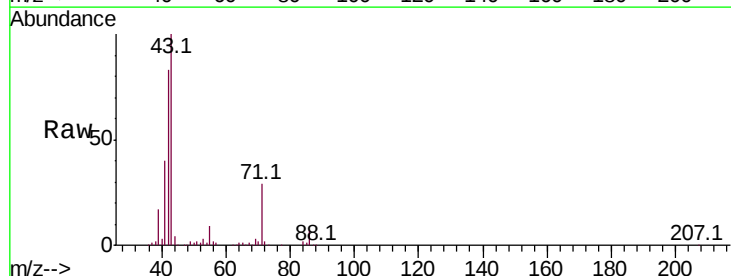
Instrument :
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ClientSampled :
BES-12SRDL

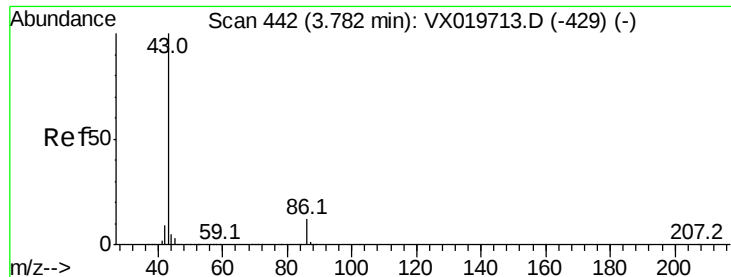
Tot Ion: 43 Resp: 120345
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

Tgt Ion: 84 Resp: 3285
Ion Ratio Lower Upper
84 100
49 82.4 88.6 132.8#
51 74.9 27.0 40.6#
86 321.9 50.3 75.5#





#23

Vinyl Acetate

Concen: 0.249 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampled :

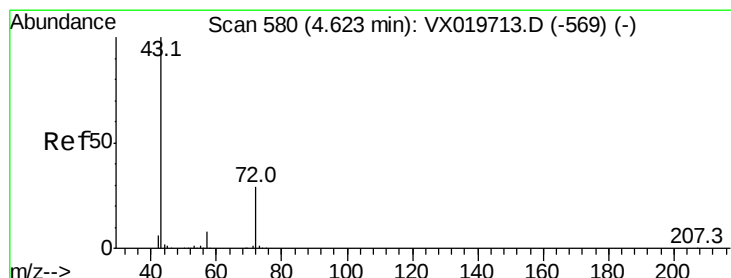
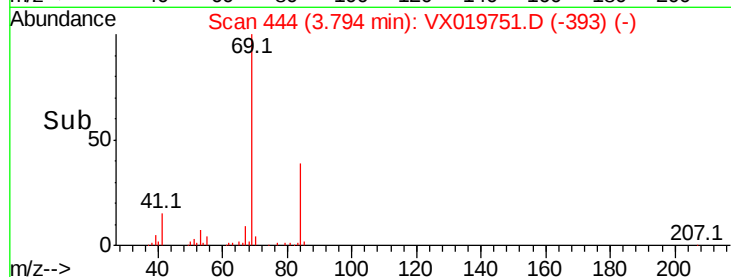
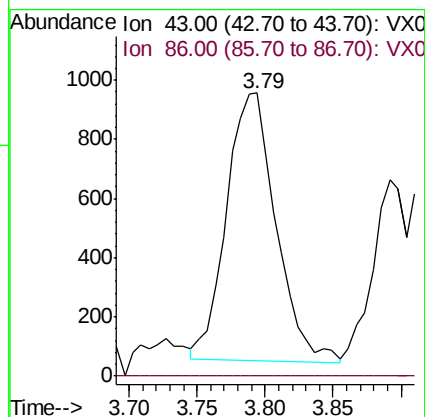
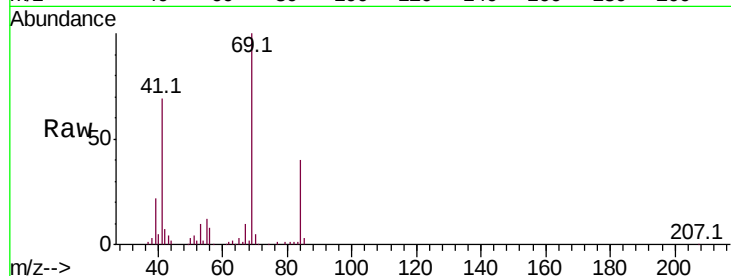
BES-12SRDL

Tot Ion: 43 Resp: 2287

Ion Ratio Lower Upper

43 100

86 0.0 9.9 14.9#



#25

2-Butanone

Concen: 0.722 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX019751.D

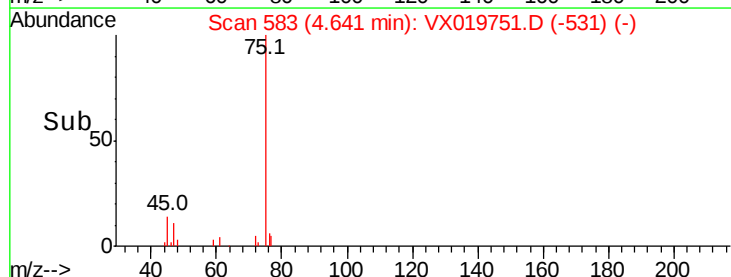
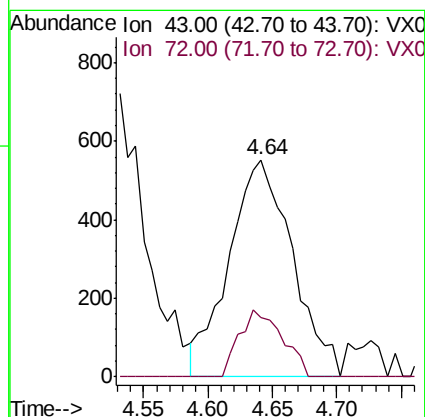
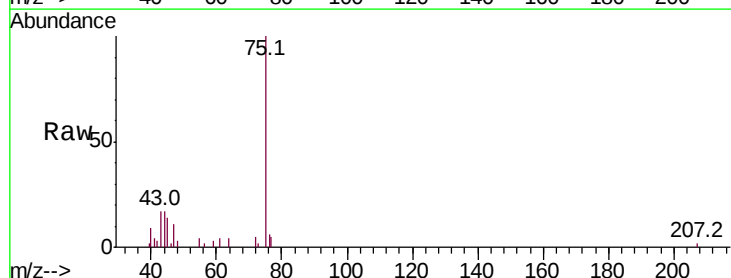
Acq: 07 Dec 2020 14:45

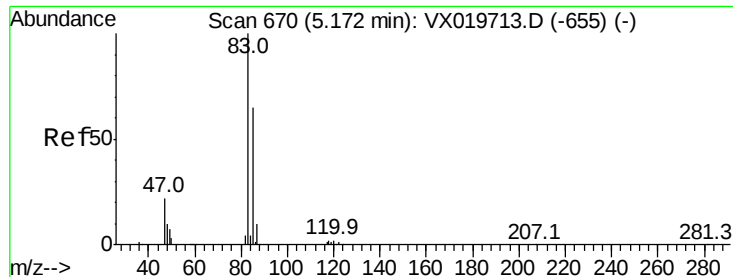
Tgt Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

72 27.3 23.7 35.5

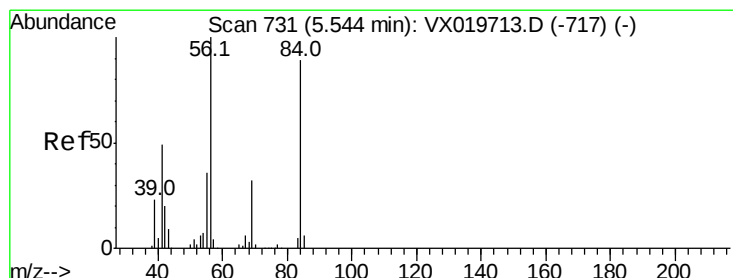
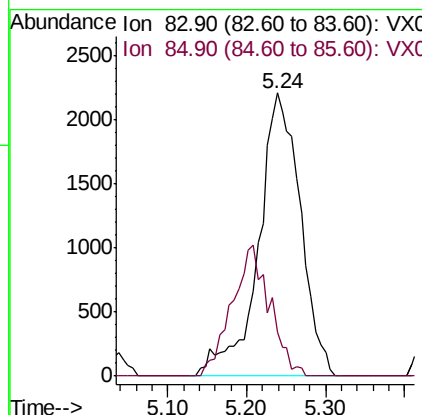
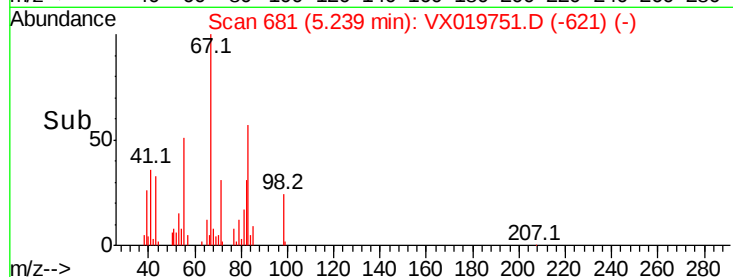
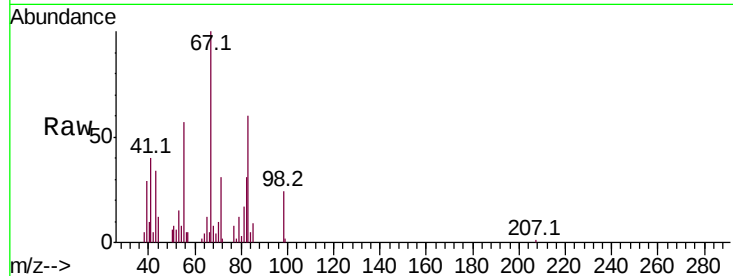




#30
Chloroform
Concen: 1.216 ug/l
RT: 5.24 min Scan# 681
Delta R.T. 0.07 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

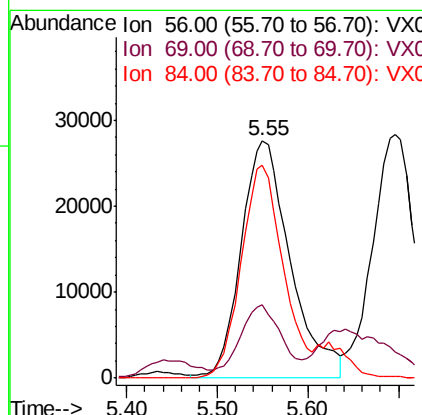
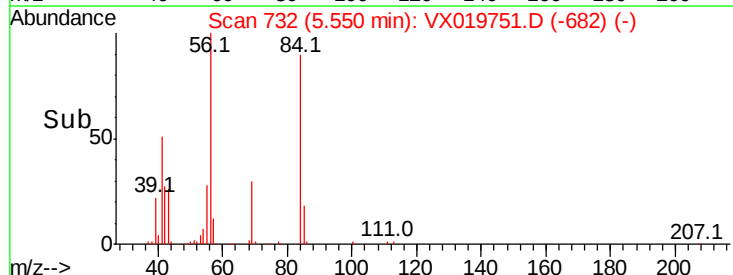
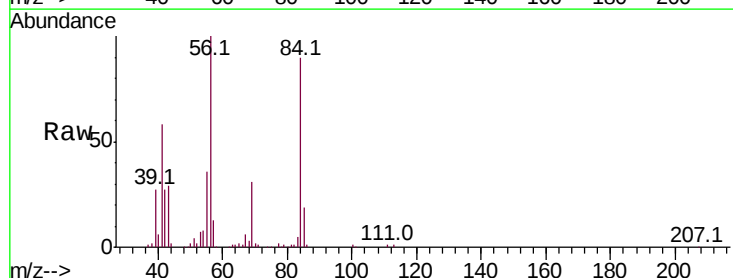
Instrument :
MSVOA_X
ClientSampleId :
BES-12SRDL

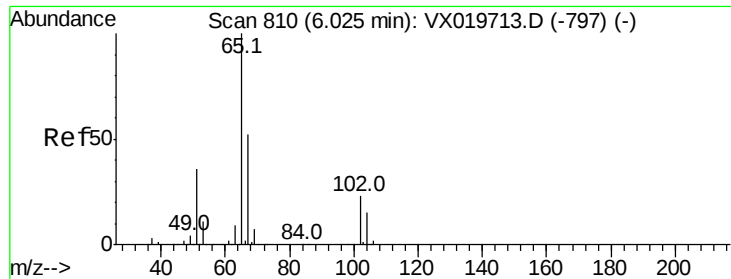
Tot Ion: 83 Resp: 8141
Ion Ratio Lower Upper
83 100
85 15.6 52.0 78.0#



#31
Cyclohexane
Concen: 18.412 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

Tgt Ion: 56 Resp: 103866
Ion Ratio Lower Upper
56 100
69 26.0 25.3 37.9
84 90.5 71.4 107.0

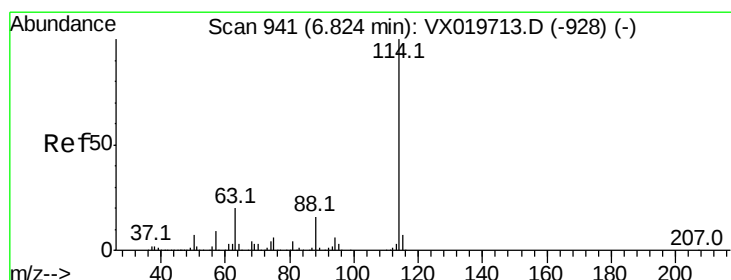
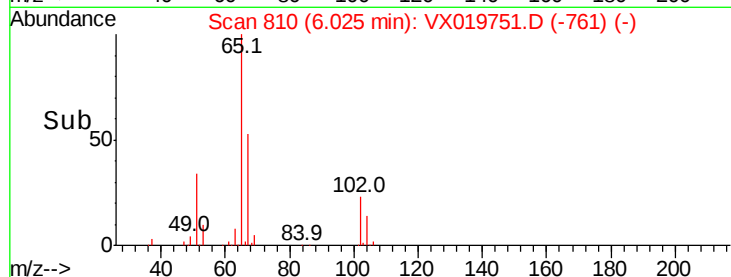
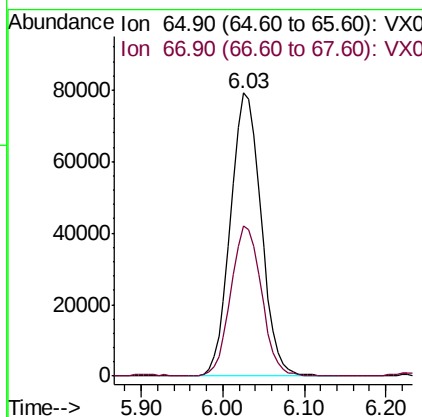
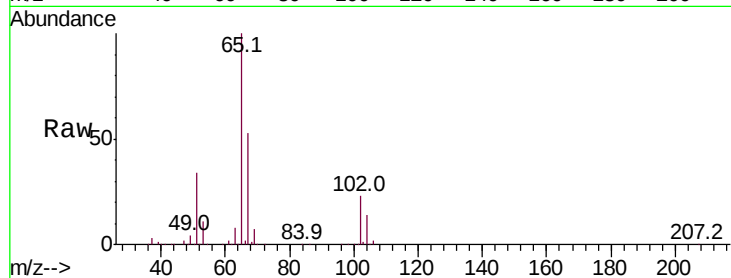




#33
 1,2-Dichloroethane-d4
 Concen: 45.340 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019751.D
 Acq: 07 Dec 2020 14:45

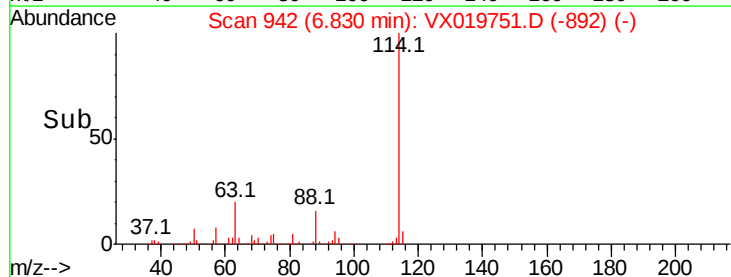
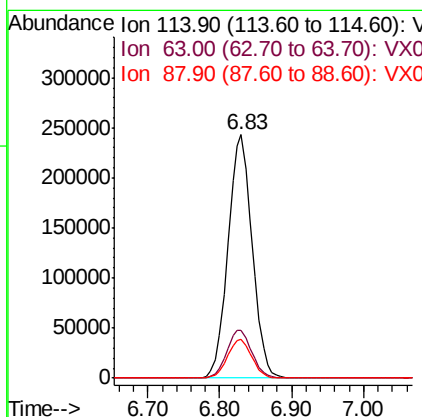
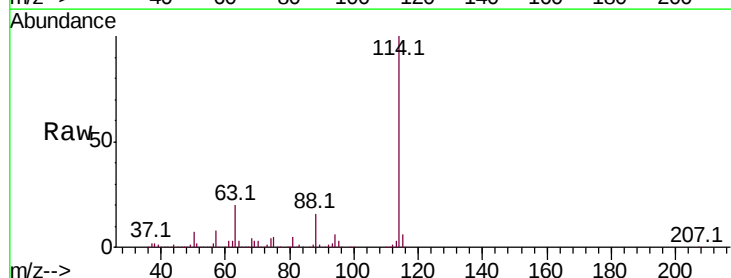
Instrument :
 MSVOA_X
 ClientSampleId :
 BES-12SRDL

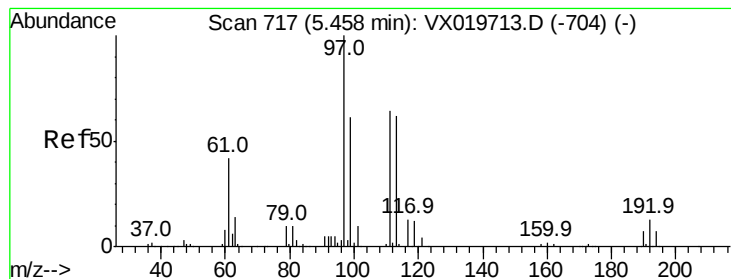
Tot Ion: 65 Resp: 205615
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019751.D
 Acq: 07 Dec 2020 14:45

Tgt Ion: 114 Resp: 565968
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.013 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

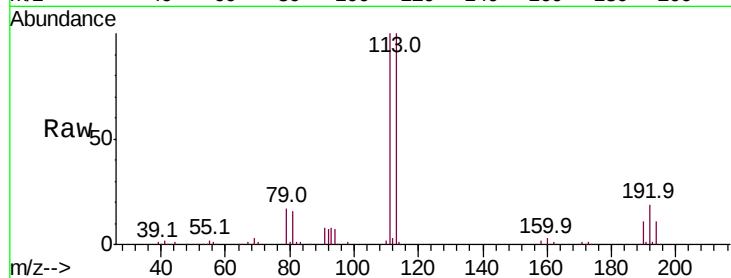
Tot Ion:113 Resp: 168304

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

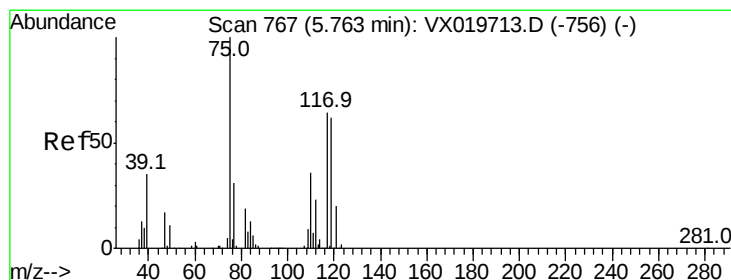
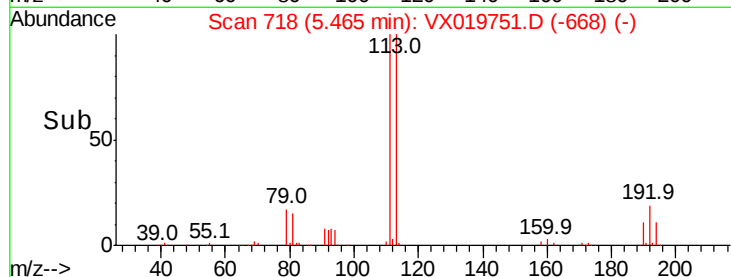
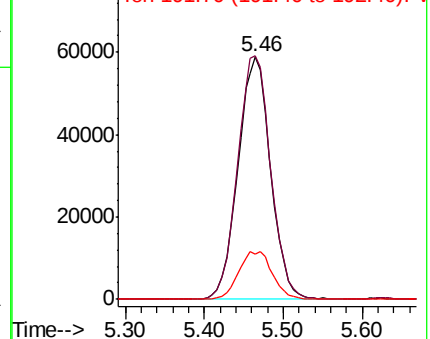
192 20.6 16.7 25.1



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: 5.121 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

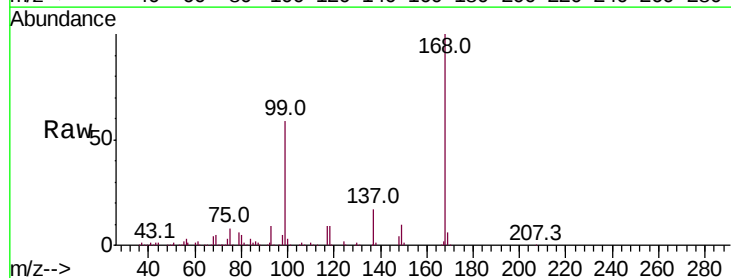
Tgt Ion: 75 Resp: 26192

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

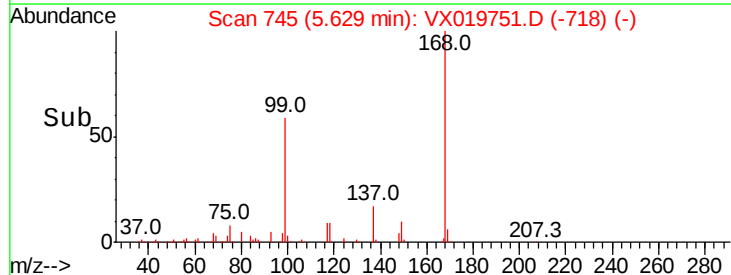
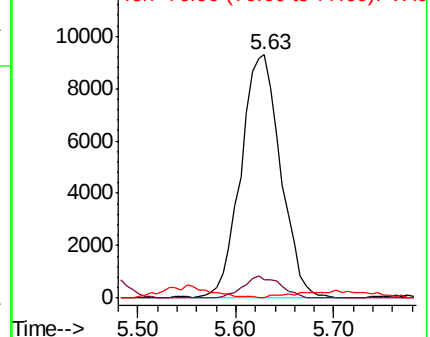
77 0.0 25.3 37.9#

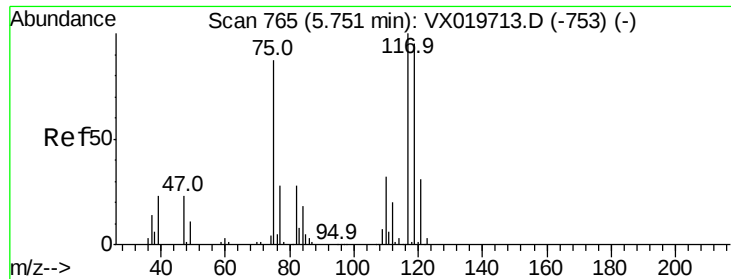


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.635 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

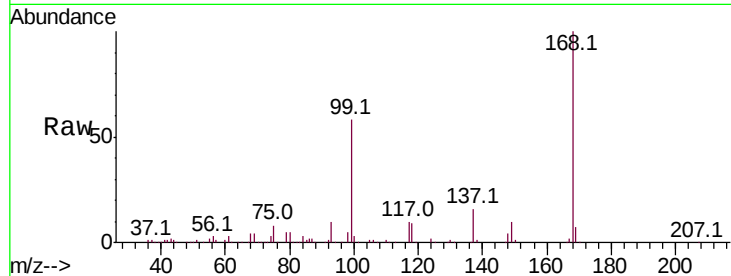
Tot Ion:117 Resp: 33231

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

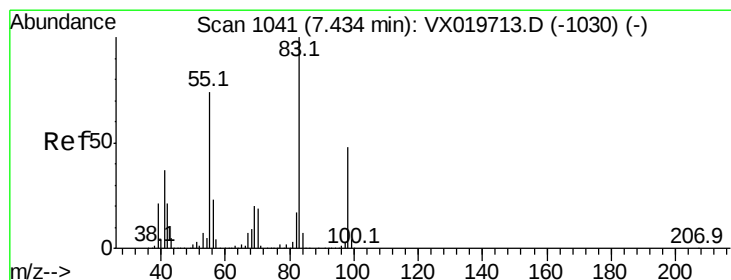
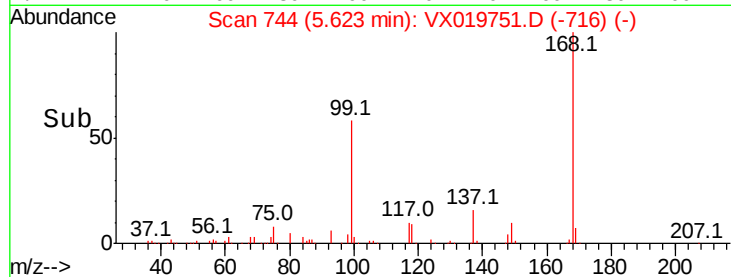
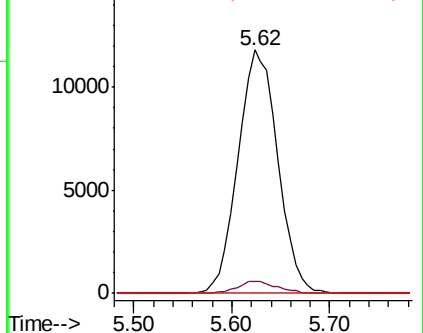
121 0.0 24.8 37.2#



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: 17.121 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

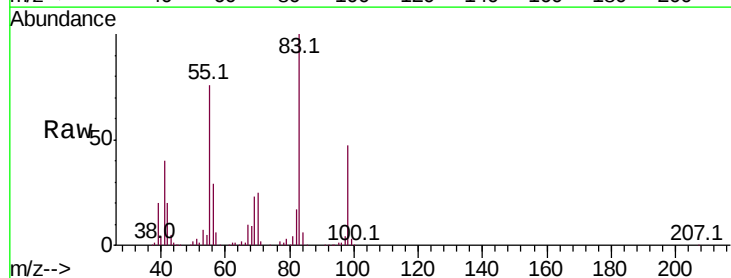
Tgt Ion: 83 Resp: 102876

Ion Ratio Lower Upper

83 100

55 76.0 58.9 88.3

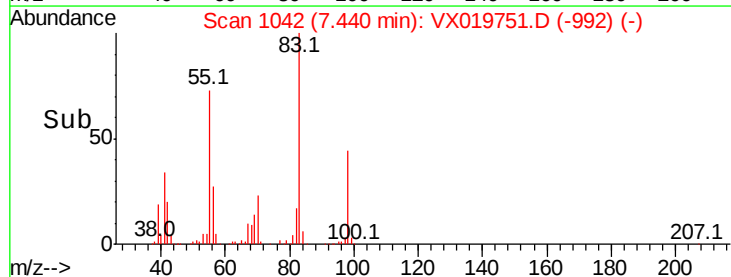
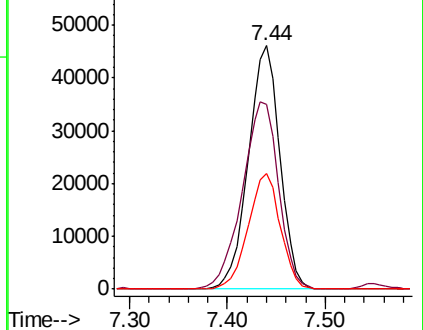
98 47.4 38.1 57.1

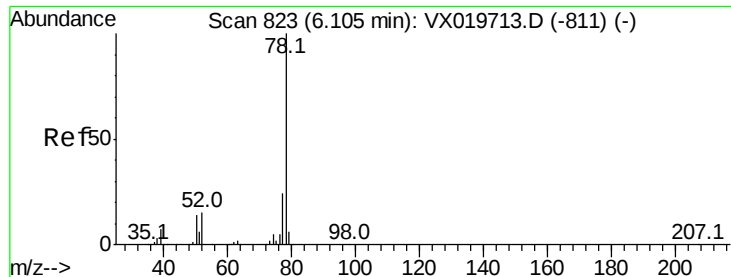


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.214 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

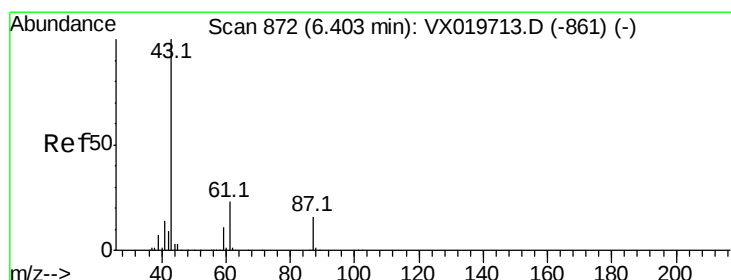
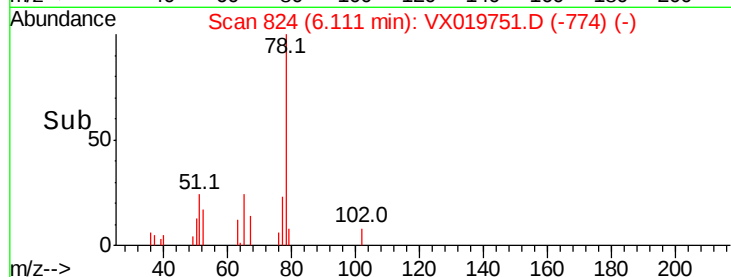
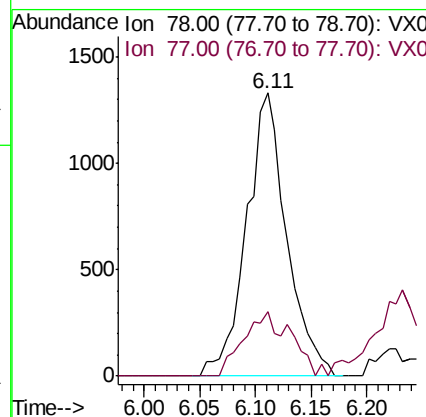
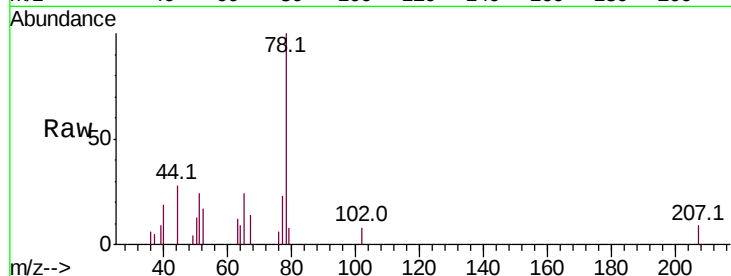
BES-12SRDL

Tot Ion: 78 Resp: 3341

Ion Ratio Lower Upper

78 100

77 23.0 18.9 28.3



#43

Isopropyl Acetate

Concen: 0.444 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.03 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

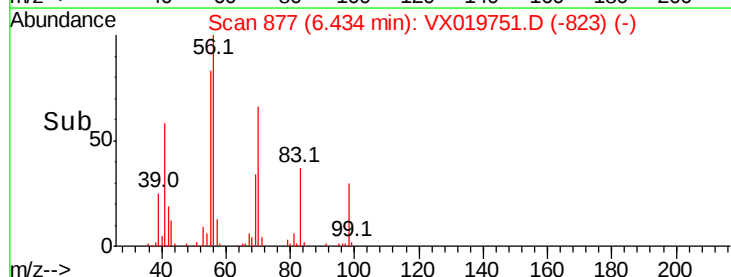
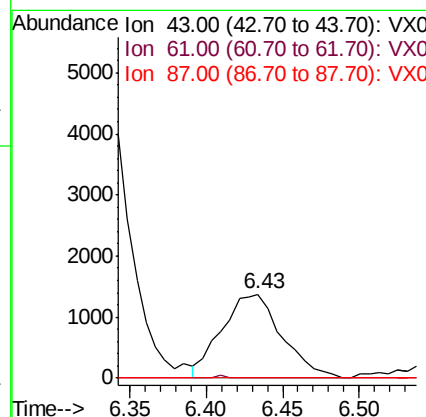
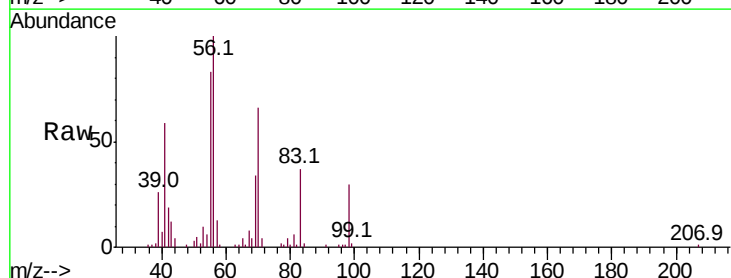
Tgt Ion: 43 Resp: 3725

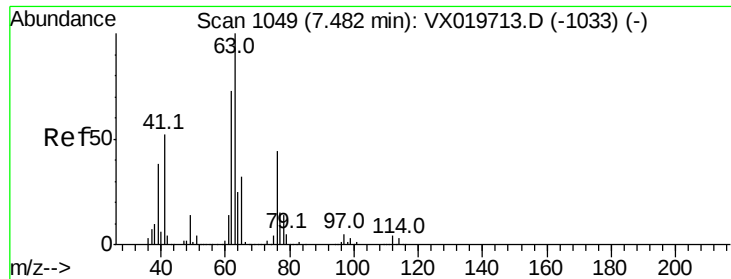
Ion Ratio Lower Upper

43 100

61 0.0 18.2 27.4#

87 0.0 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.300 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.04 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

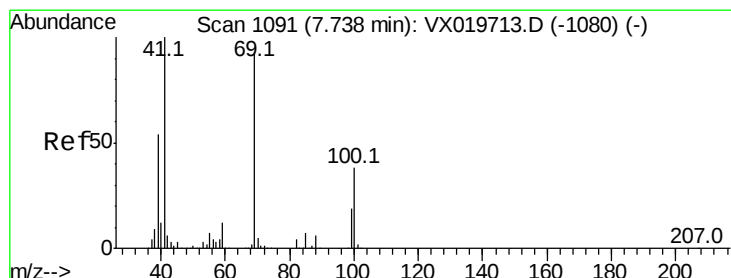
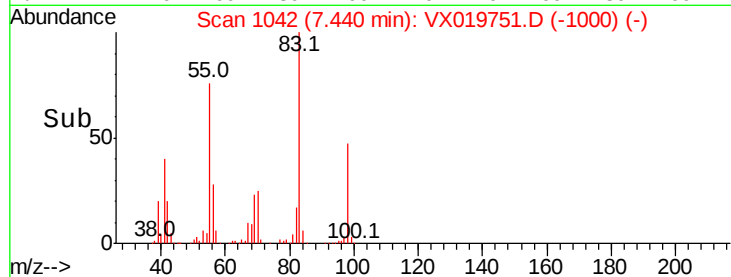
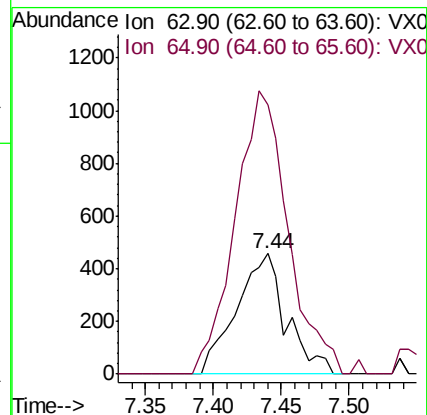
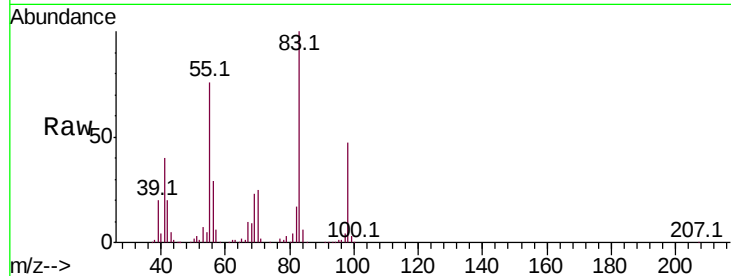
BES-12SRDL

Tot Ion: 63 Resp: 1173

Ion Ratio Lower Upper

63 100

65 223.4 25.7 38.5#



#48

Methyl methacrylate

Concen: 2.648 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.03 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

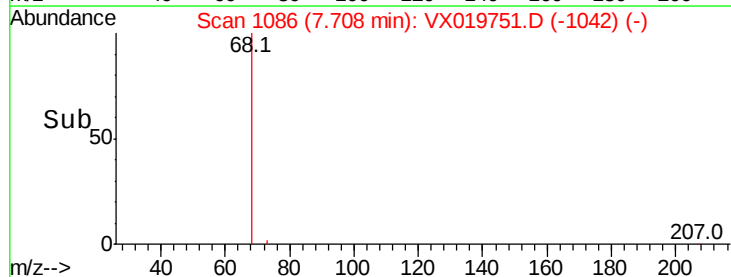
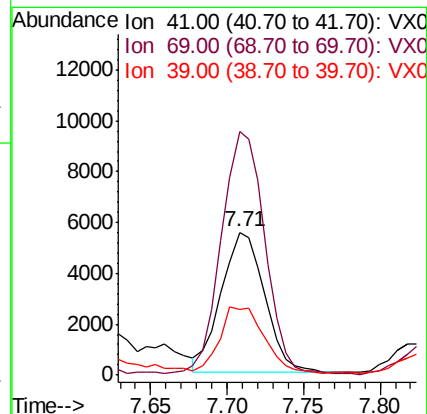
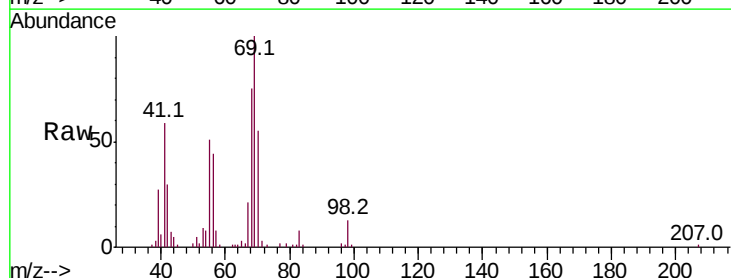
Tgt Ion: 41 Resp: 10932

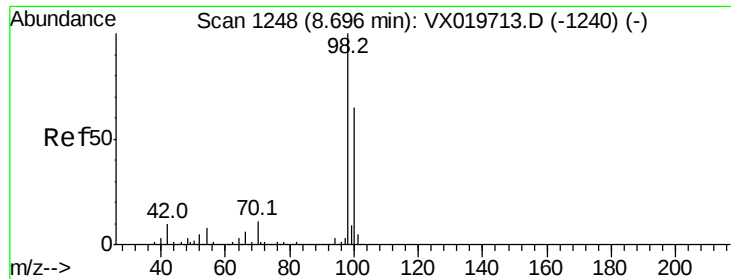
Ion Ratio Lower Upper

41 100

69 174.8 76.0 114.0#

39 48.0 44.6 67.0

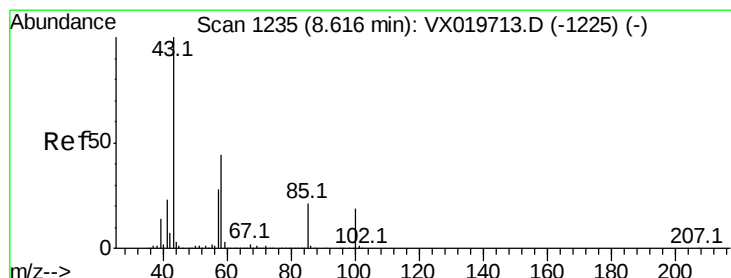
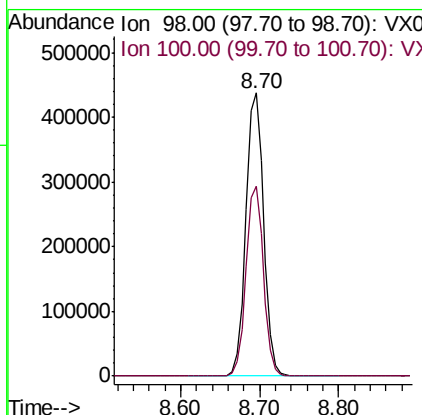
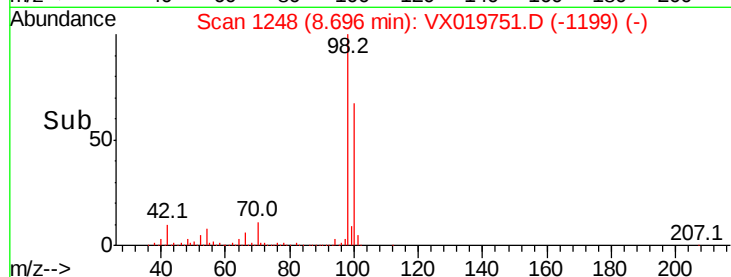
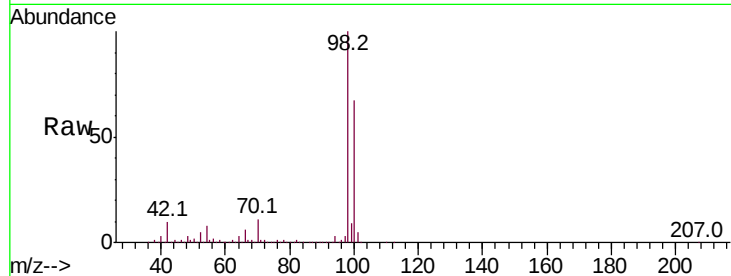




#50
Toluene-d8
Concen: 48.798 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

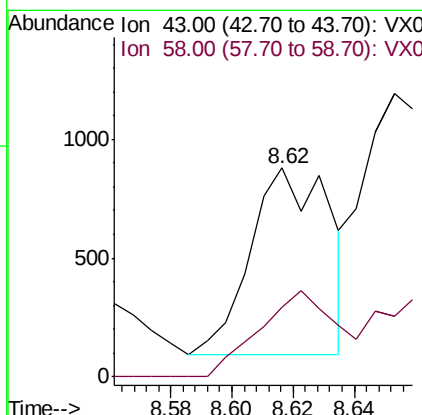
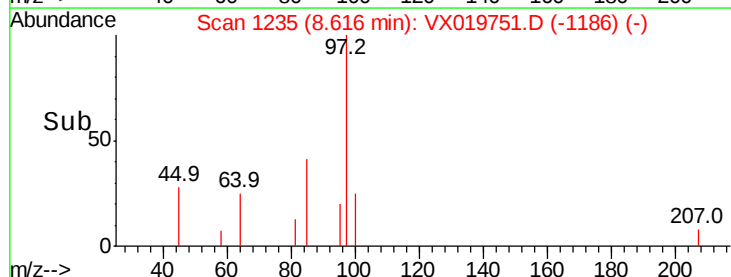
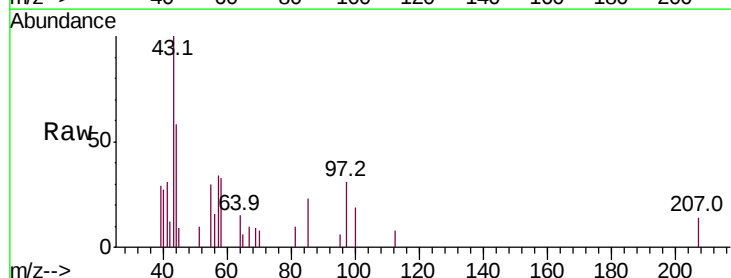
Instrument :
MSVOA_X
ClientSampleId :
BES-12SRDL

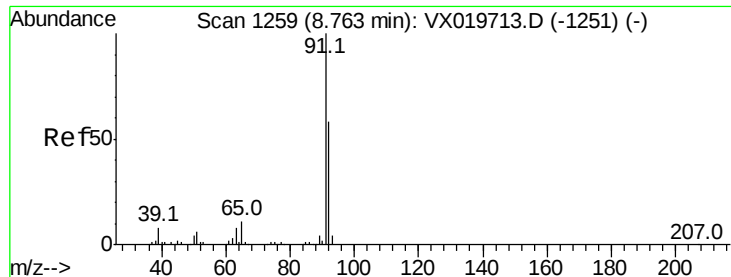
Tot Ion: 98 Resp: 681441
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.276 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 45.5 35.4 53.0





#52

Toluene

Concen: 0.380 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

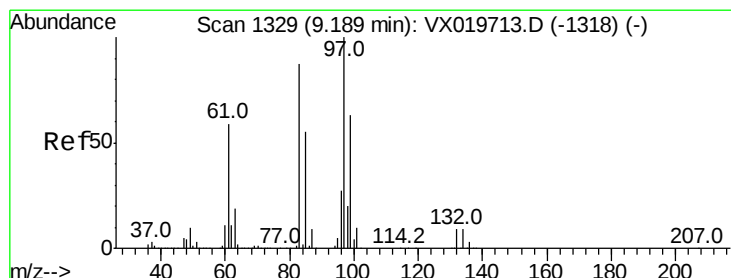
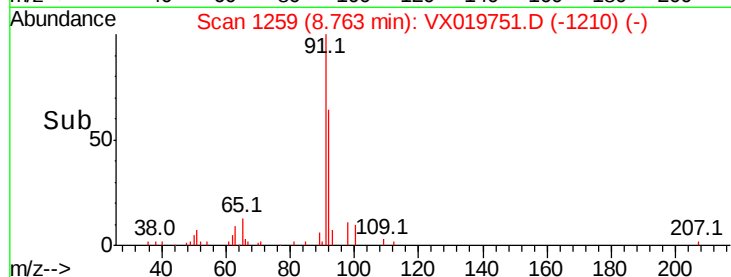
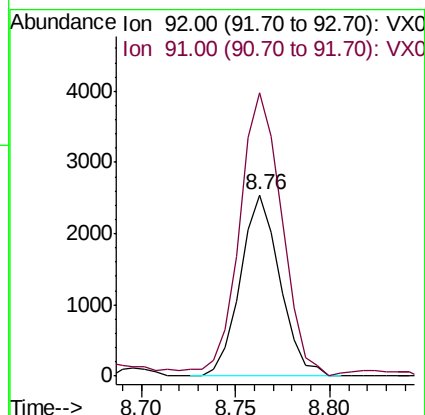
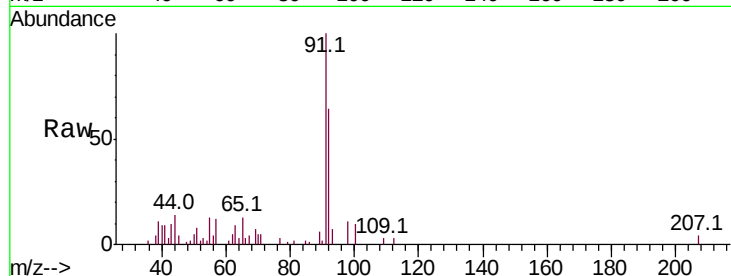
BES-12SRDL

Tot Ion: 92 Resp: 3709

Ion Ratio Lower Upper

92 100

91 168.1 137.1 205.7



#55

1,1,2-Trichloroethane

Concen: 2.513 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.04 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Tgt Ion: 97 Resp: 9896

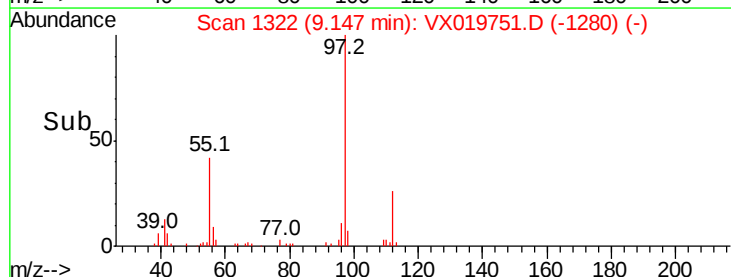
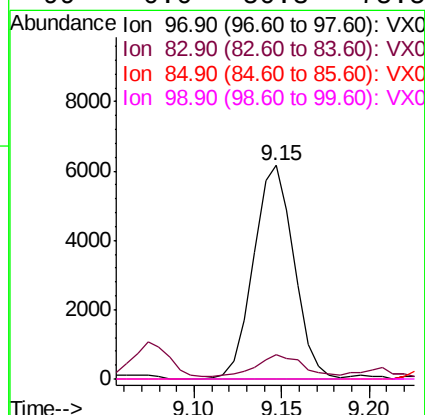
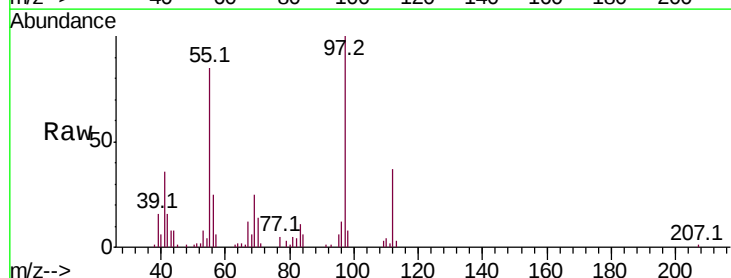
Ion Ratio Lower Upper

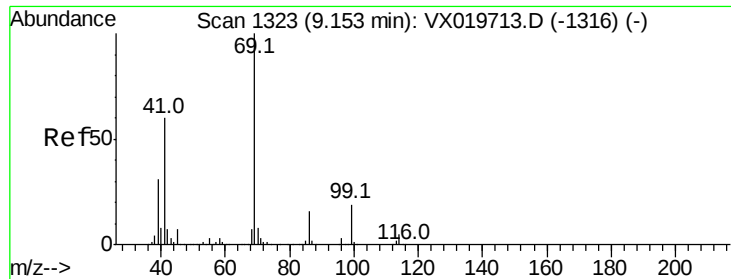
97 100

83 9.8 69.3 103.9#

85 0.0 44.3 66.5#

99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 0.449 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

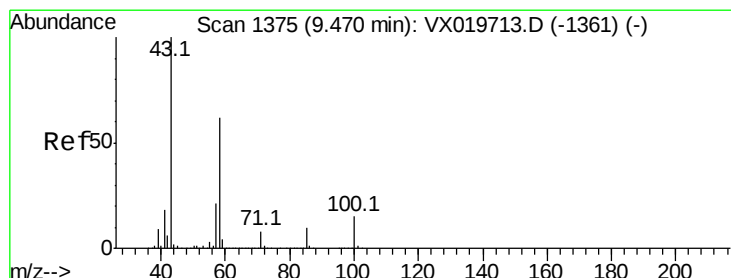
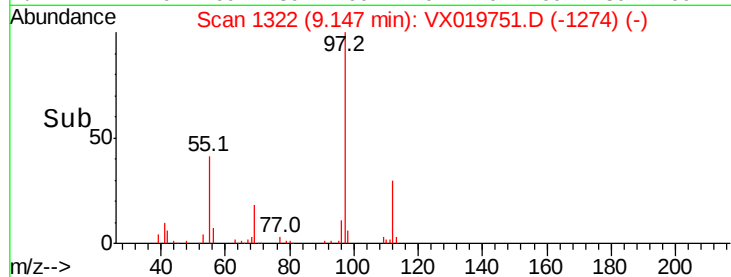
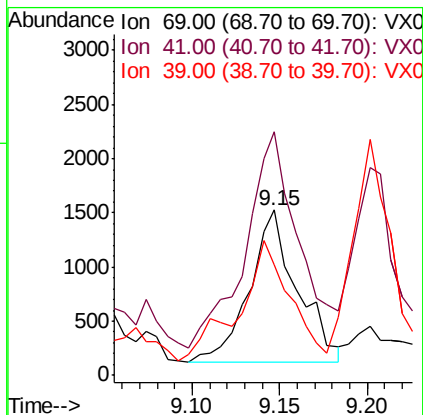
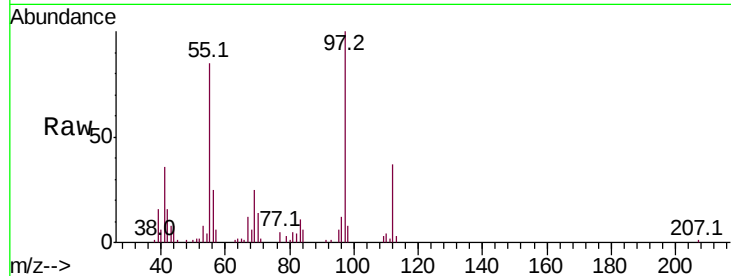
Tot Ion: 69 Resp: 2672

Ion Ratio Lower Upper

69 100

41 159.5 46.8 70.2#

39 84.3 24.7 37.1#



#59

2-Hexanone

Concen: 0.422 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX019751.D

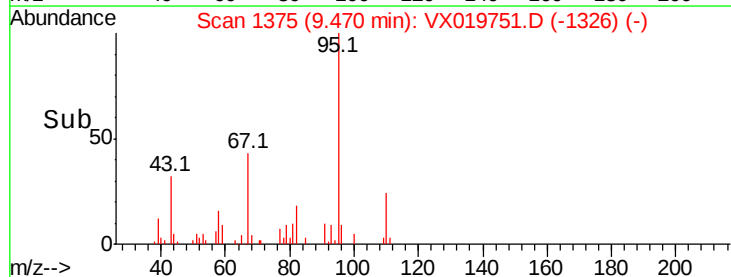
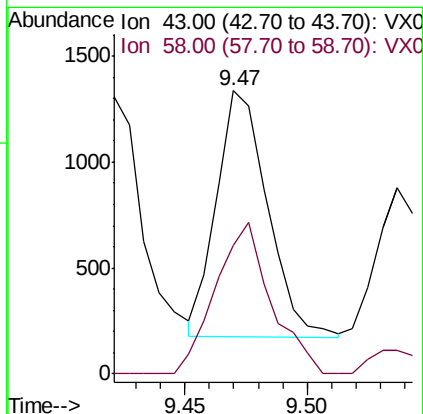
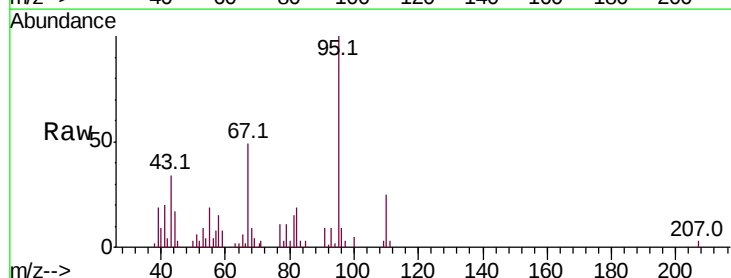
Acq: 07 Dec 2020 14:45

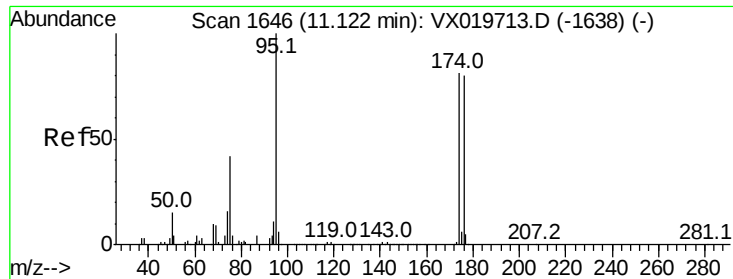
Tgt Ion: 43 Resp: 1675

Ion Ratio Lower Upper

43 100

58 67.5 30.9 92.8





#62

4-Bromofluorobenzene

Concen: 45.873 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

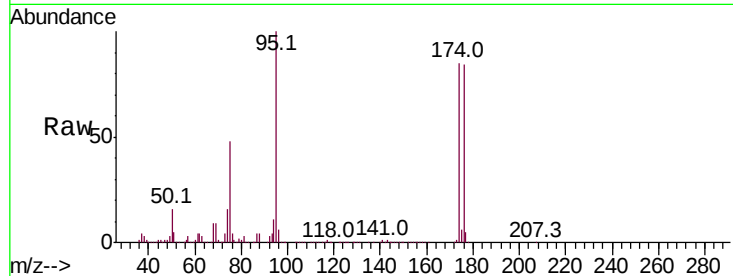
Tot Ion: 95 Resp: 243816

Ion Ratio Lower Upper

95 100

174 78.8 0.0 154.6

176 76.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0

250000

200000

150000

100000

50000

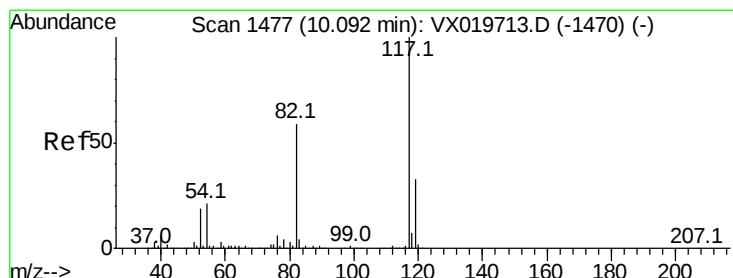
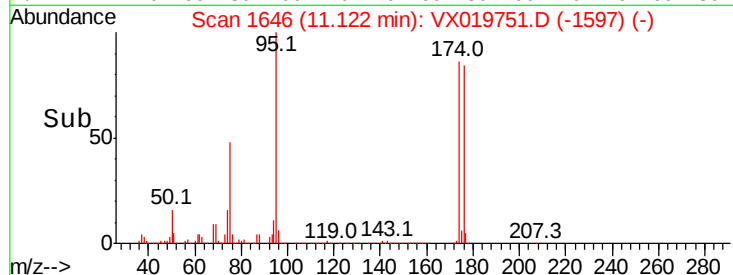
0

11.12

11.10

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

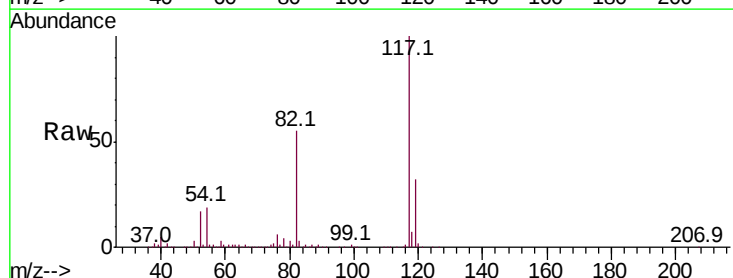
Tgt Ion: 117 Resp: 503925

Ion Ratio Lower Upper

117 100

82 55.1 47.4 71.2

119 32.4 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

500000

400000

300000

200000

100000

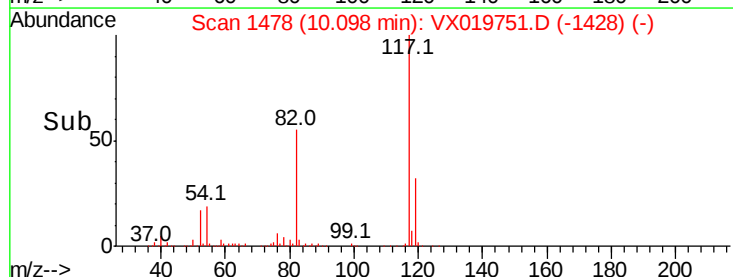
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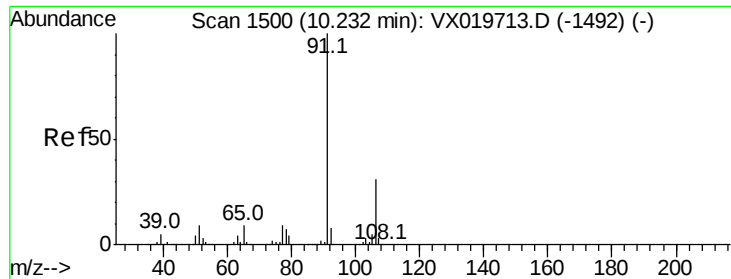
10.10

10.00

10.20

Time-->





#67

Ethyl Benzene

Concen: 46.186 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

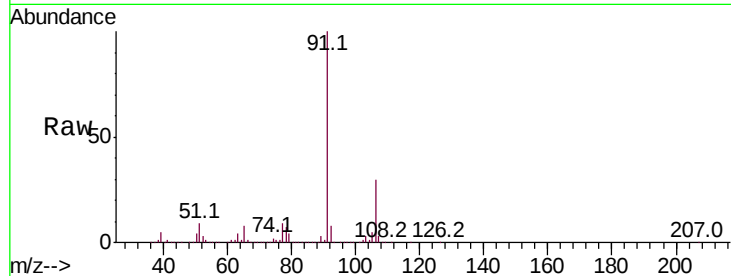
BES-12SRDL

Tot Ion: 91 Resp: 823064

Ion Ratio Lower Upper

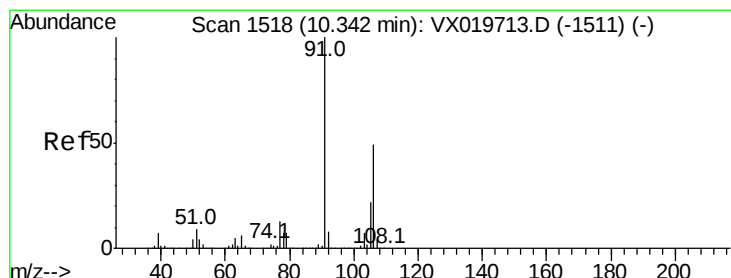
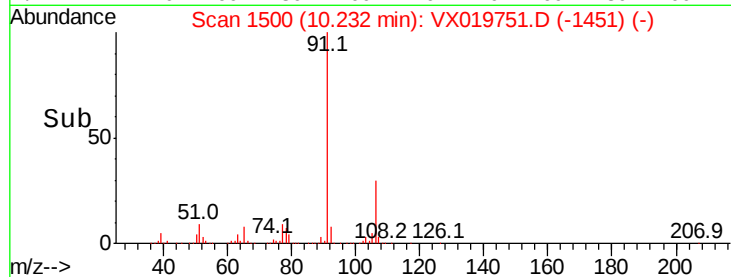
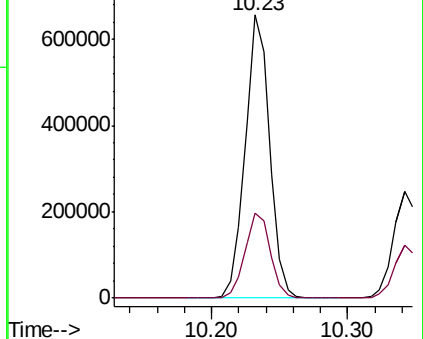
91 100

106 30.1 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 23.169 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019751.D

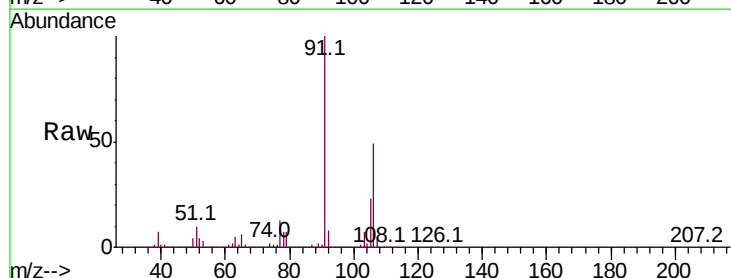
Acq: 07 Dec 2020 14:45

Tgt Ion: 106 Resp: 155579

Ion Ratio Lower Upper

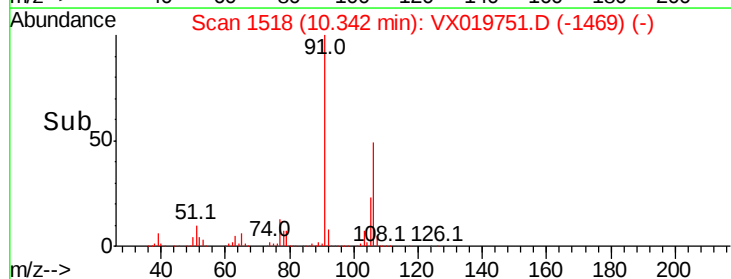
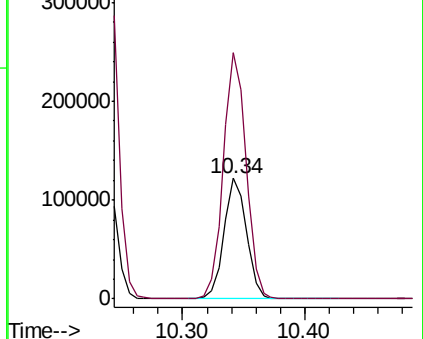
106 100

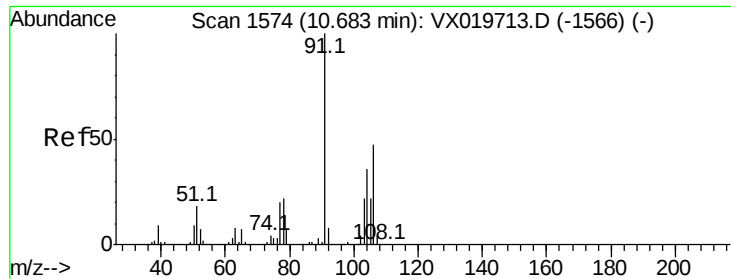
91 205.6 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

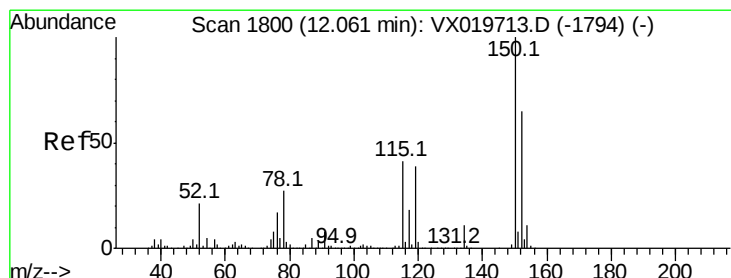
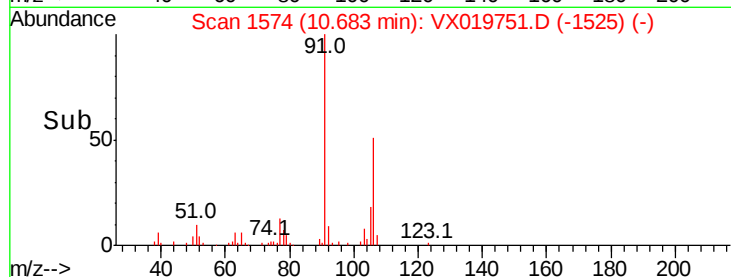
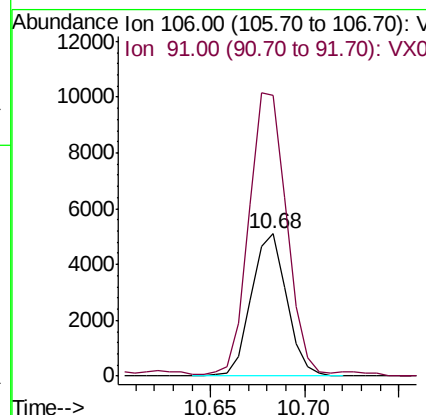
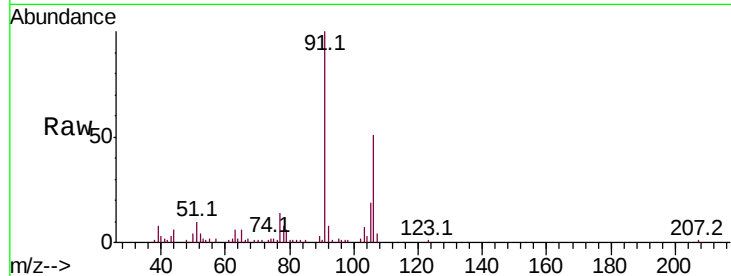




#69
o-Xylene
Concen: 1.032 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

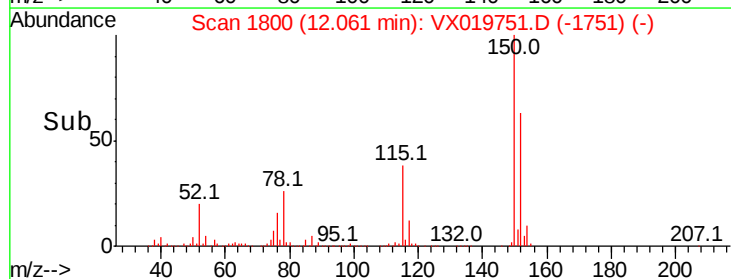
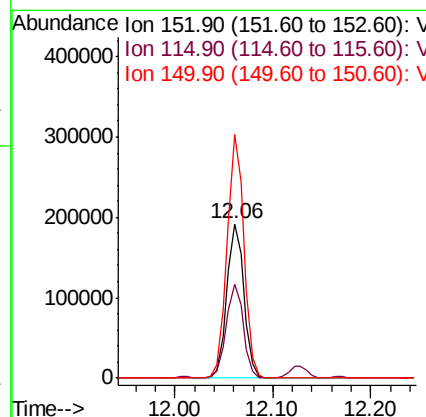
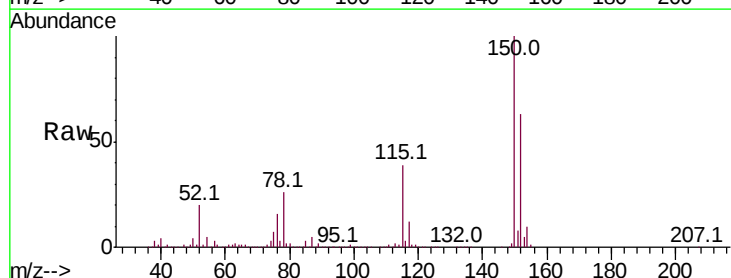
Instrument :
MSVOA_X
ClientSampleId :
BES-12SRDL

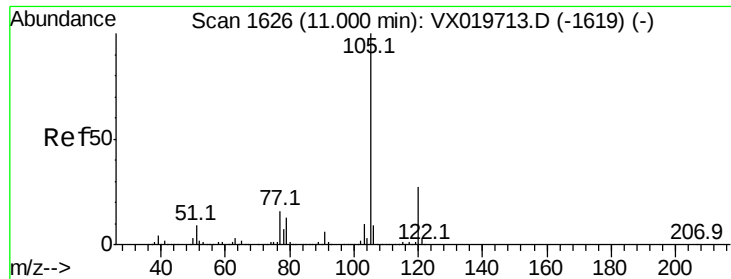
Tot Ion:106 Resp: 6665
Ion Ratio Lower Upper
106 100
91 208.2 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

Tgt Ion:152 Resp: 232400
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.3 0.0 349.0





#73

Isopropylbenzene

Concen: 9.875 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampled :

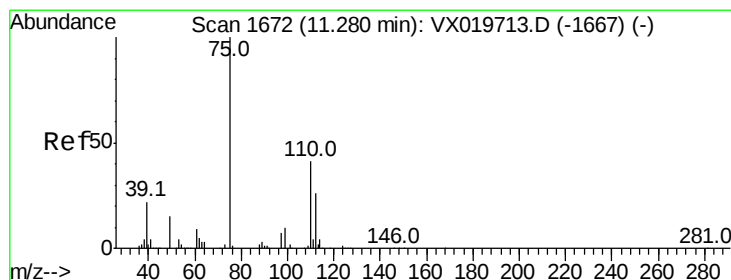
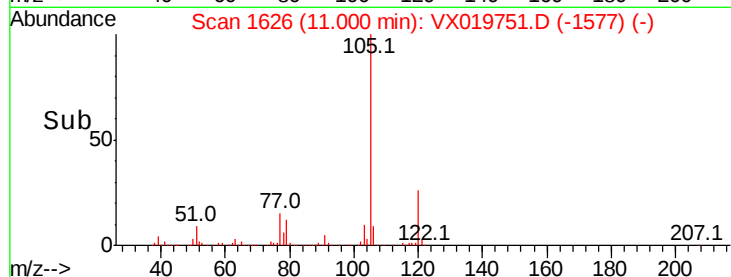
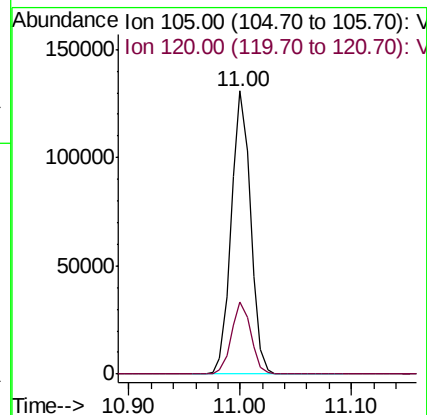
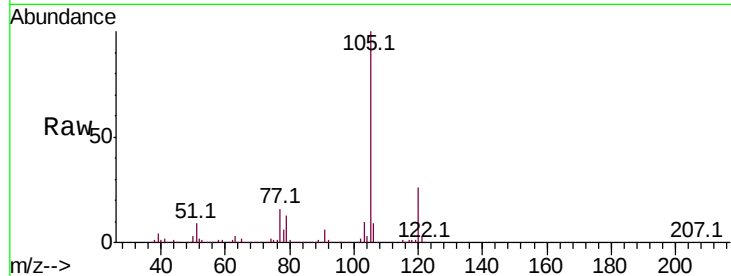
BES-12SRDL

Tot Ion:105 Resp: 156798

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 0.730 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.16 min

Lab File: VX019751.D

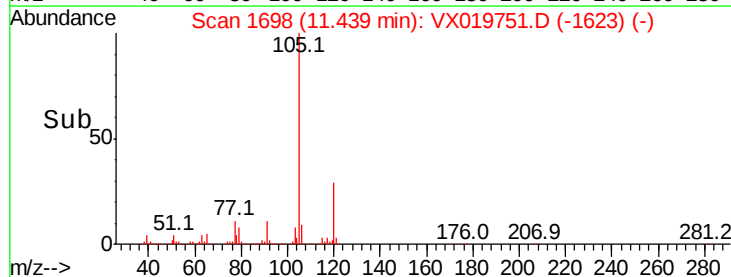
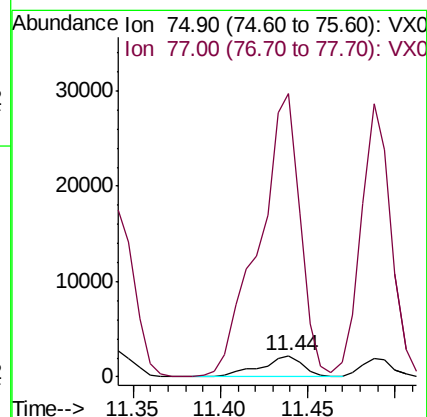
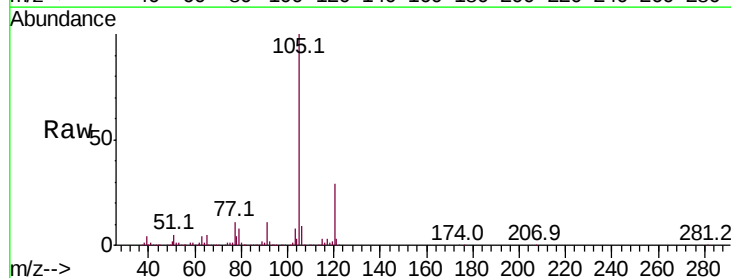
Acq: 07 Dec 2020 14:45

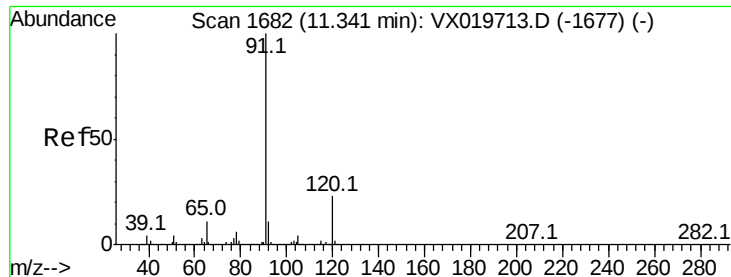
Tgt Ion: 75 Resp: 3804

Ion Ratio Lower Upper

75 100

77 1273.9 19.1 57.5#





#78

n-propylbenzene

Concen: 29.630 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

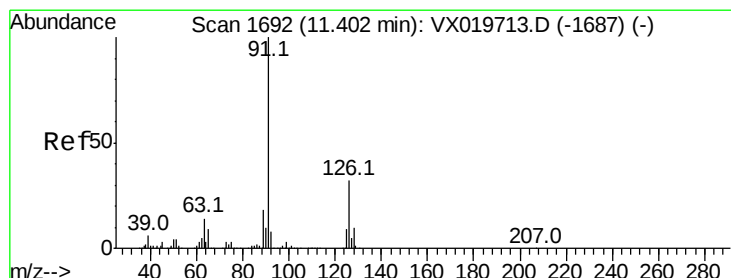
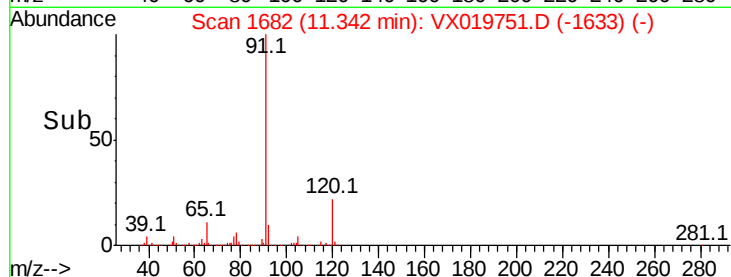
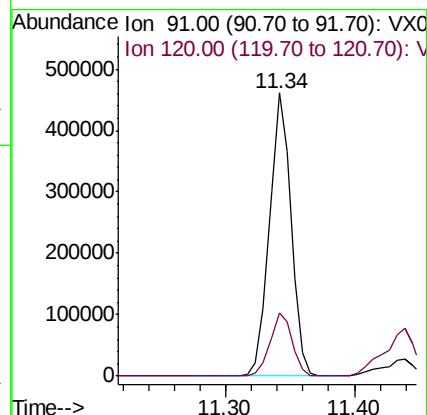
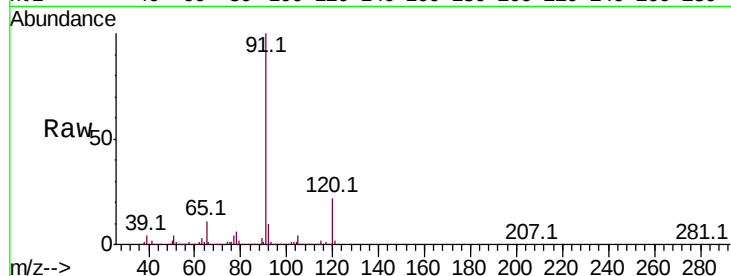
BES-12SRDL

Tot Ion: 91 Resp: 537320

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5



#79

2-Chlorotoluene

Concen: 4.361 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VX019751.D

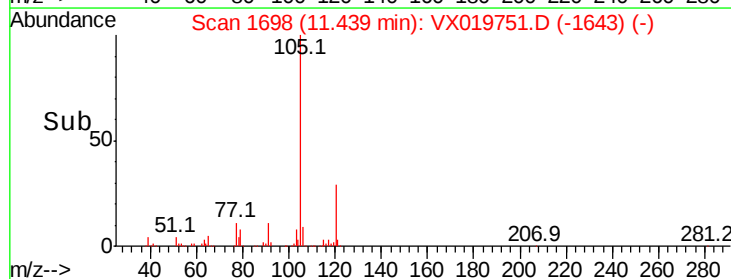
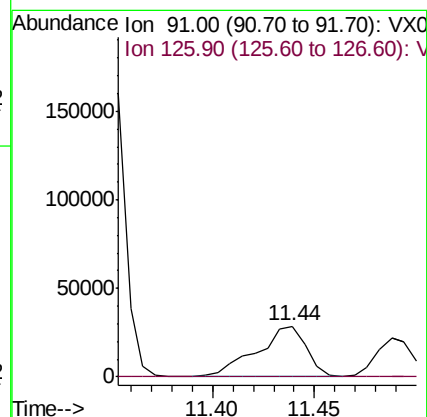
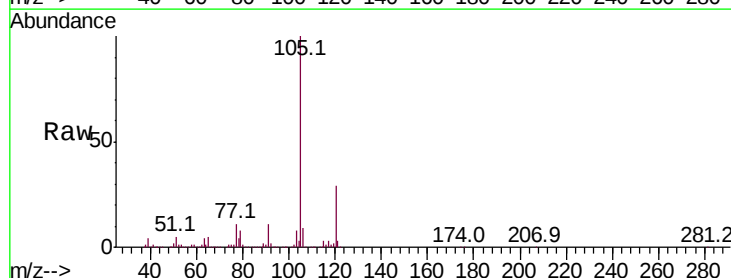
Acq: 07 Dec 2020 14:45

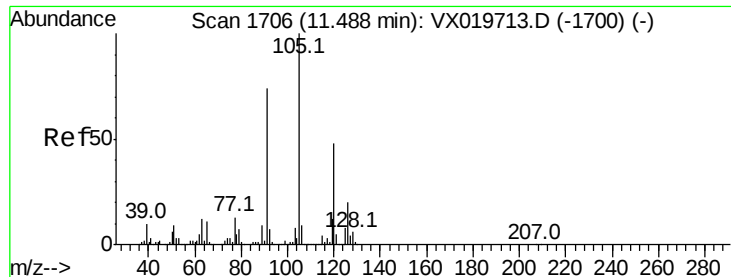
Tgt Ion: 91 Resp: 48704

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#





#80

1,3,5-Trimethylbenzene

Concen: 19.765 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampled :

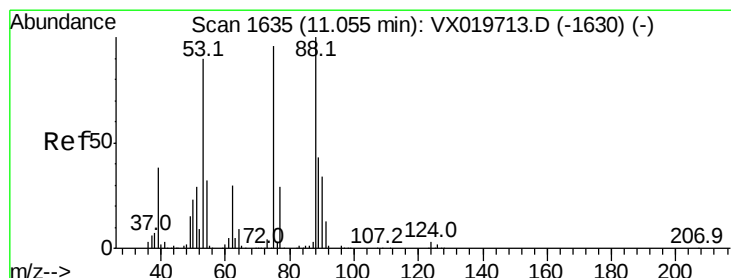
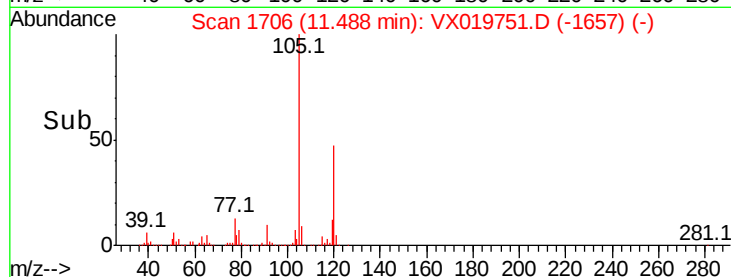
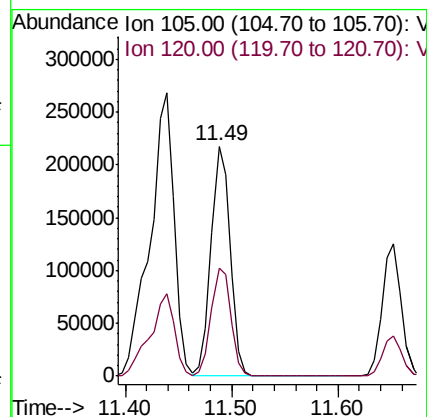
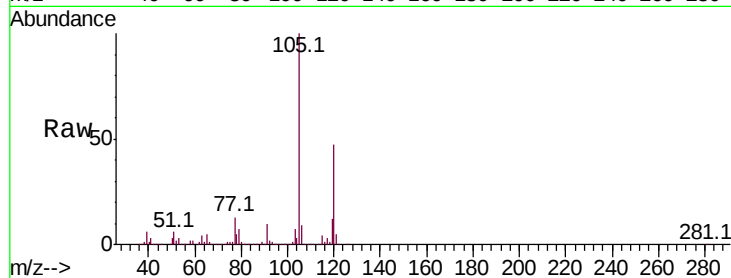
BES-12SRDL

Tot Ion:105 Resp: 264851

Ion Ratio Lower Upper

105 100

120 48.4 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 65.330 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. 0.06 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

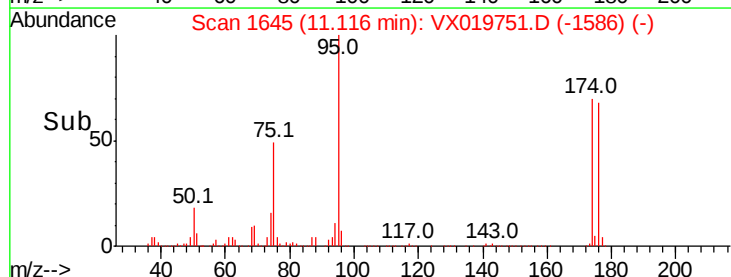
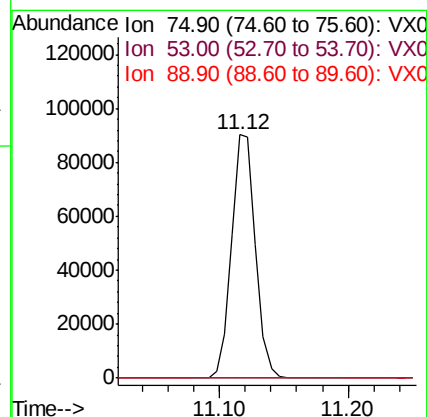
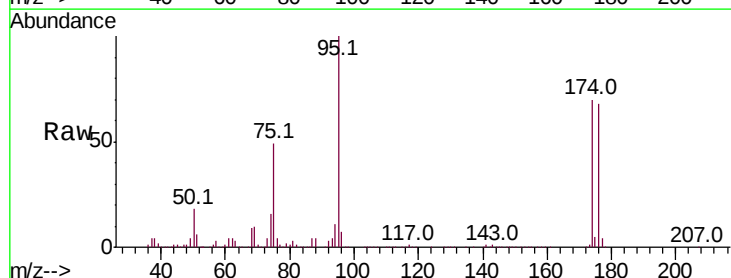
Tgt Ion: 75 Resp: 117794

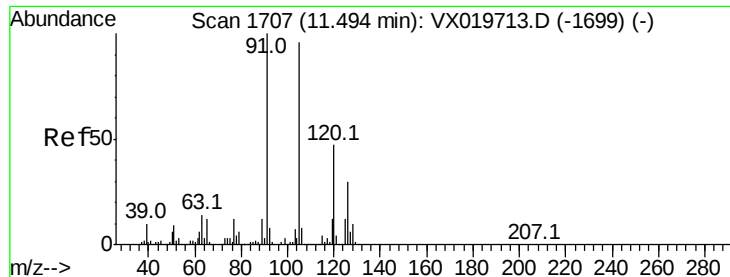
Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

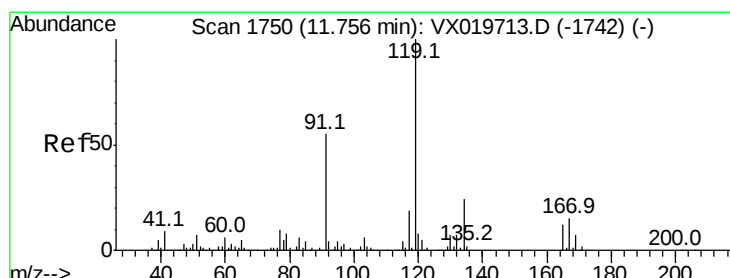
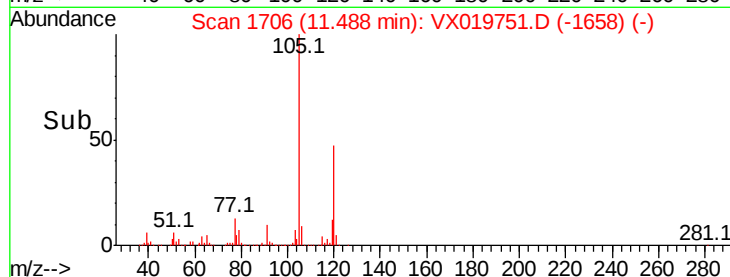
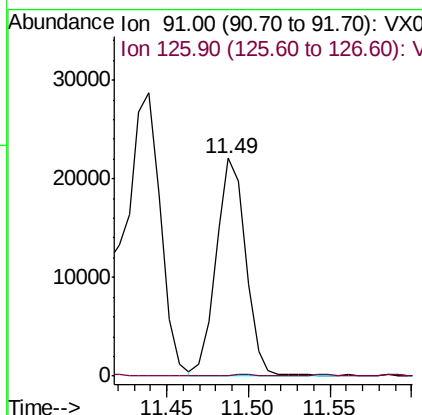
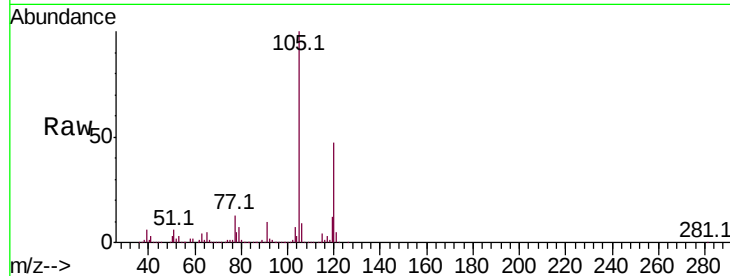




#82
4-Chlorotoluene
Concen: 2.124 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

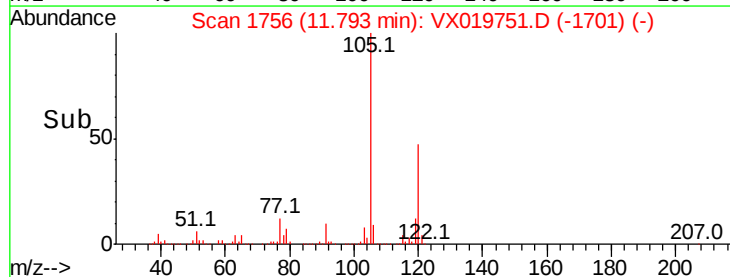
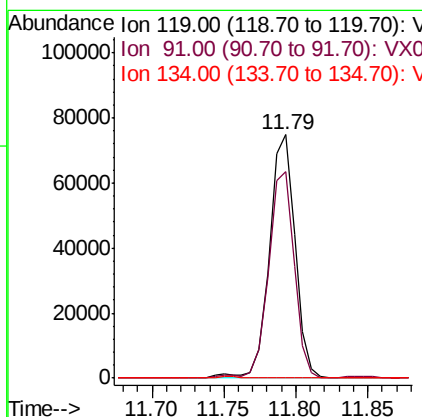
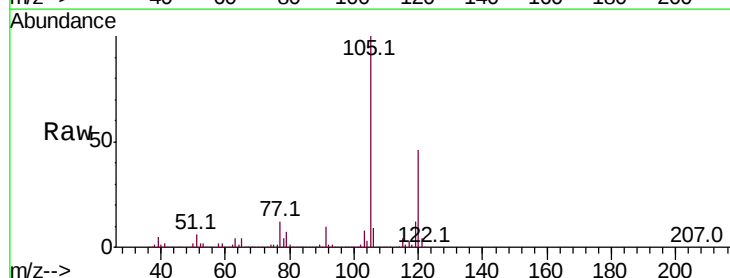
Instrument :
MSVOA_X
ClientSampleId :
BES-12SRDL

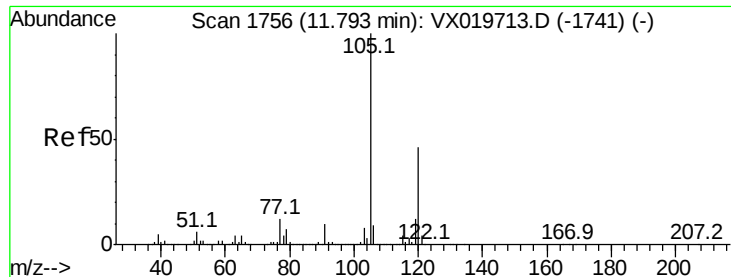
Tot Ion: 91 Resp: 27776
Ion Ratio Lower Upper
91 100
126 0.7 14.9 44.5#



#83
tert-Butylbenzene
Concen: 7.039 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.04 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

Tgt Ion: 119 Resp: 92507
Ion Ratio Lower Upper
119 100
91 84.8 27.9 83.7#
134 0.0 11.3 33.9#

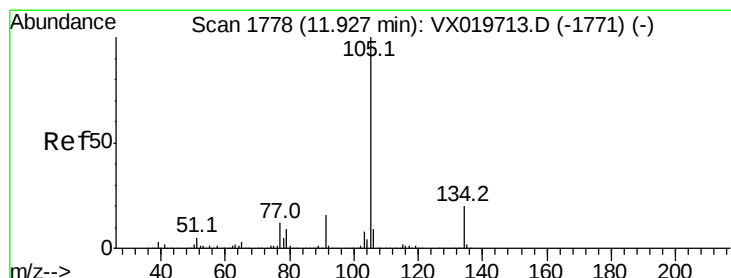
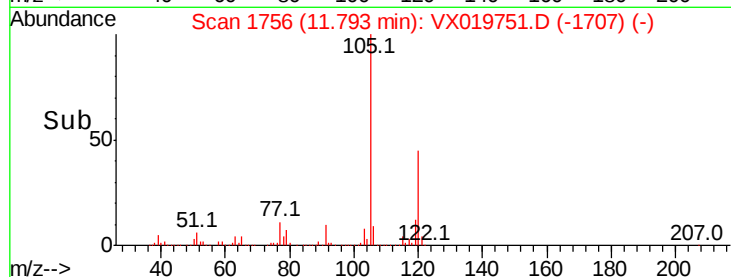
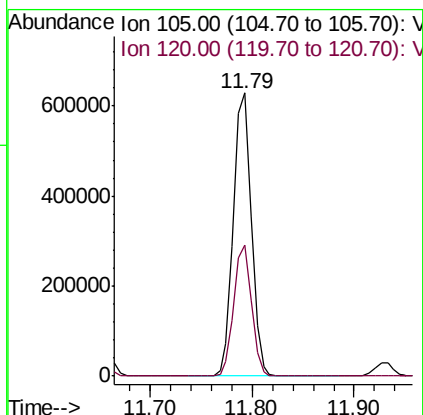
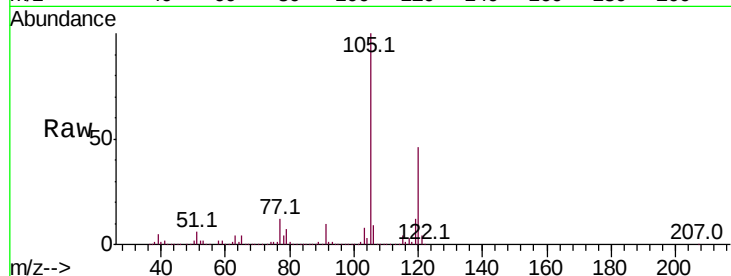




#84
 1,2,4-Trimethylbenzene
 Concen: 56.299 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019751.D
 Acq: 07 Dec 2020 14:45

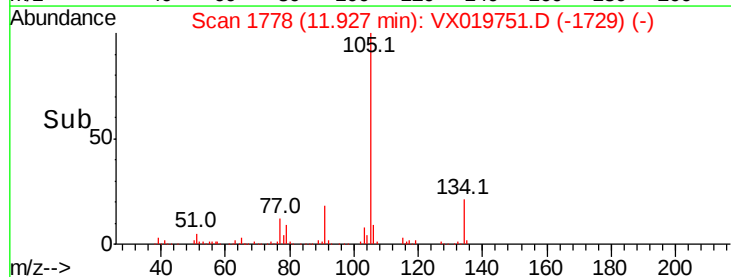
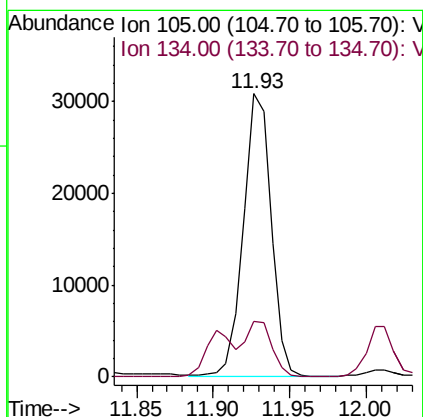
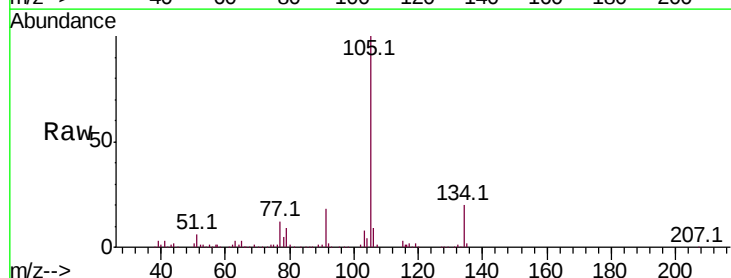
Instrument :
 MSVOA_X
 ClientSampleId :
 BES-12SRDL

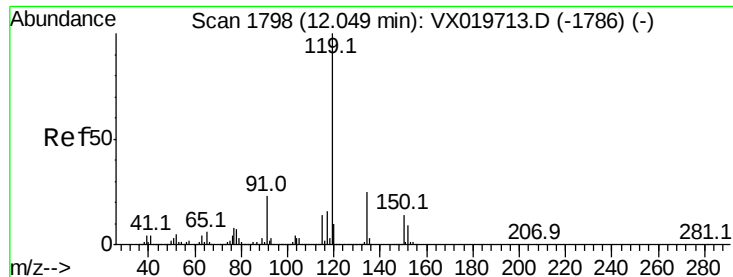
Tot Ion:105 Resp: 759934
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 2.589 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019751.D
 Acq: 07 Dec 2020 14:45

Tgt Ion:105 Resp: 38847
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.0 29.8

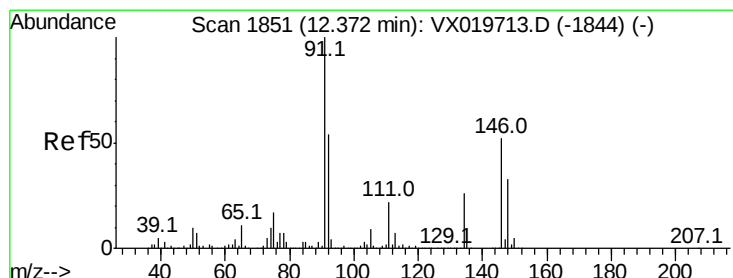
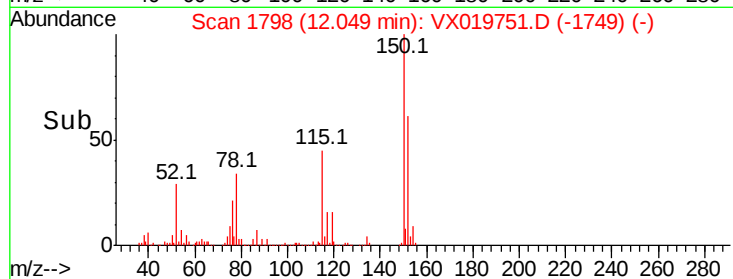
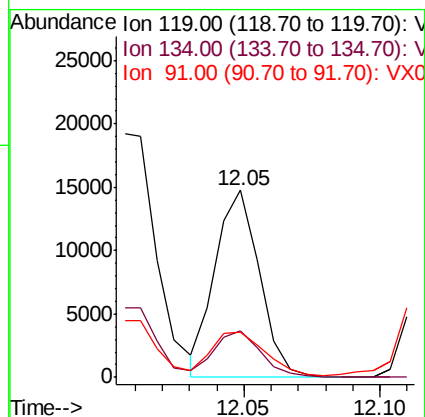
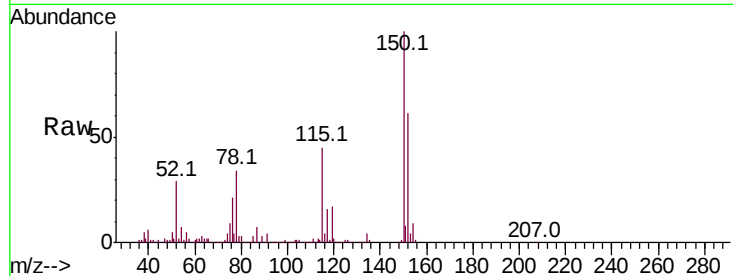




#86
p-Isopropyltoluene
Concen: 1.216 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

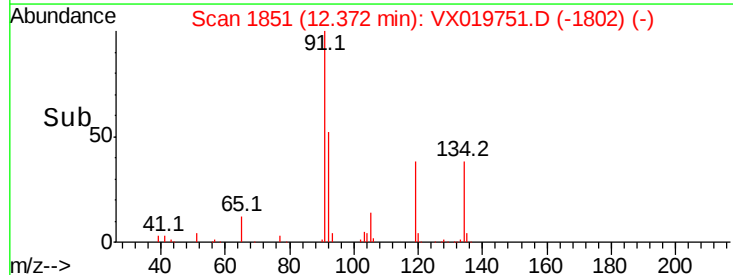
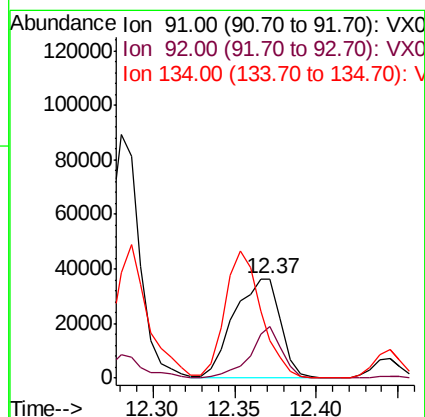
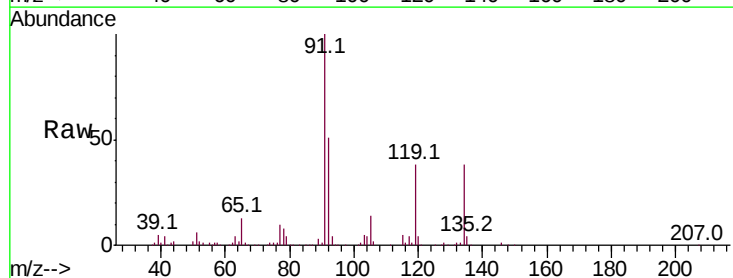
Instrument :
MSVOA_X
ClientSampled :
BES-12SRDL

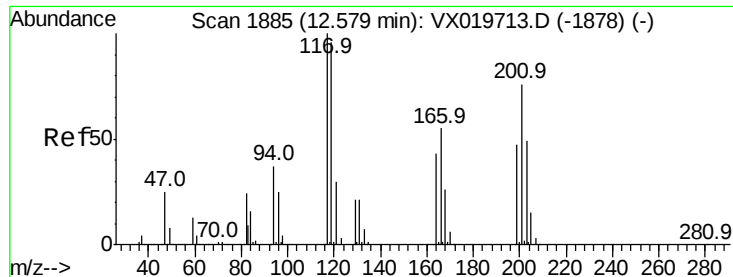
Tot Ion:119 Resp: 16715
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.7
91 27.9 11.7 35.0



#89
n-Butylbenzene
Concen: 5.888 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019751.D
Acq: 07 Dec 2020 14:45

Tgt Ion: 91 Resp: 71739
Ion Ratio Lower Upper
91 100
92 35.5 27.4 82.0
134 100.8 13.2 39.5#





#90

Hexachloroethane

Concen: 7.635 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

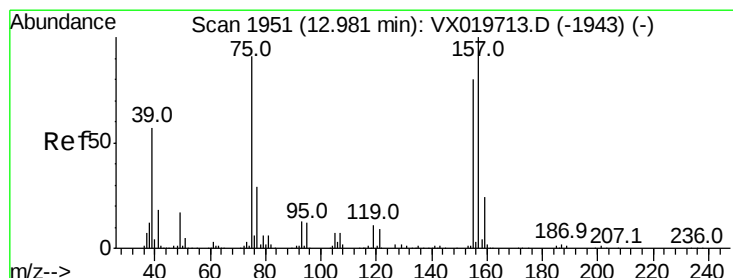
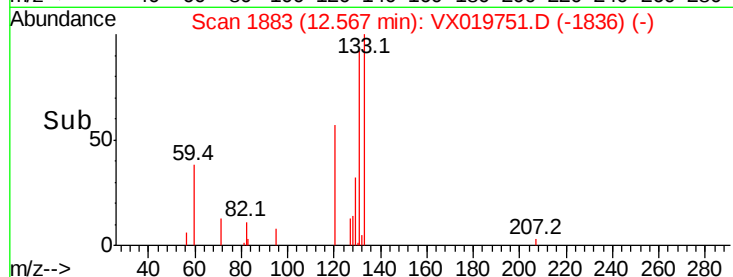
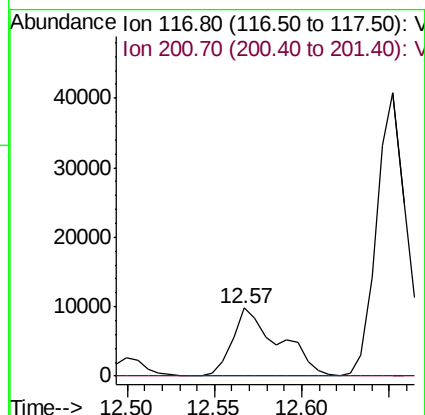
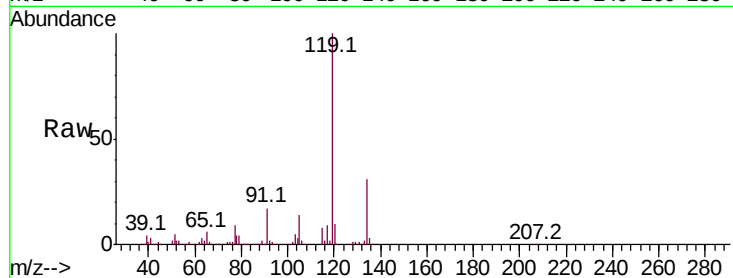
BES-12SRDL

Tot Ion:117 Resp: 18127

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.457 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

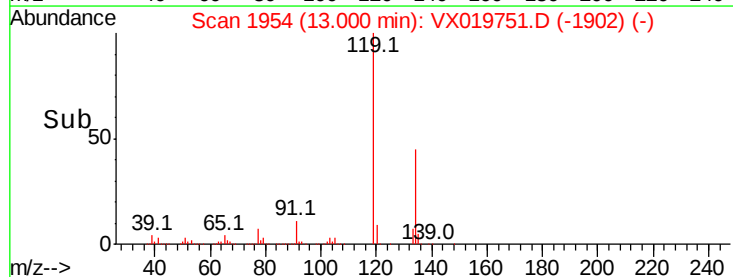
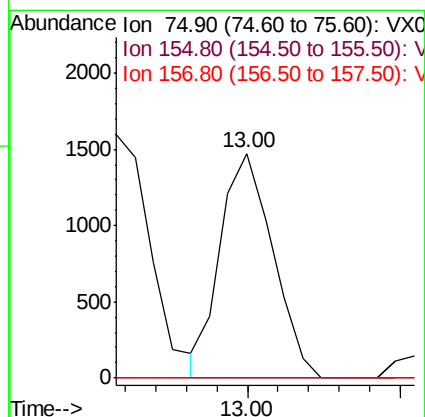
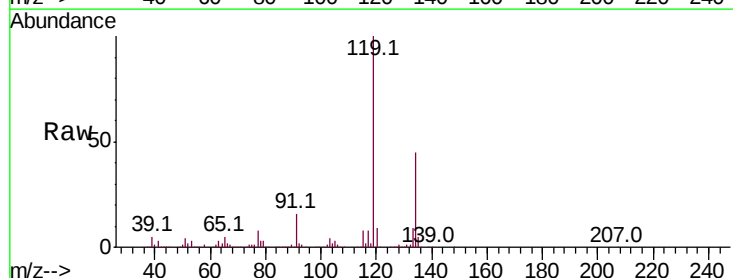
Tgt Ion: 75 Resp: 1753

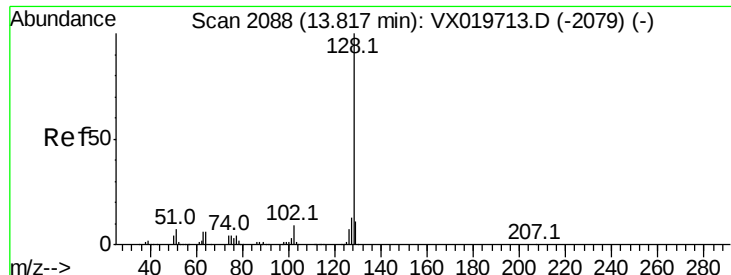
Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

157 0.0 57.7 173.1#





#95

Naphthalene

Concen: 24.370 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019751.D

Acq: 07 Dec 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

BES-12SRDL

Tot Ion:128 Resp: 373887

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.5 8.8 13.2

