

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018454.D
 Acq On : 16 Sep 2020 20:38
 Operator : JC/SP
 Sample : L3928-07
 Misc : 4.65µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0ME

Quant Time: Sep 17 04:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	443589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	702630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383205	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	312999	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	5.46	113	237080	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	8.70	98	868238	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.12	95	358039	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	3118	1.140	ug/l	97
6) Chloroethane	1.72	64	1082	0.355	ug/l #	78
8) Diethyl Ether	2.17	74	601	0.229	ug/l	63
10) Methyl Iodide	2.73	142	208	5.328	ug/l	92
11) Tert butyl alcohol	3.00	59	34331	28.672	ug/l #	74
13) Acrolein	2.31	56	379	0.763	ug/l #	42
16) Acetone	2.45	43	2682	1.118	ug/l #	51
18) Methyl Acetate	2.77	43	5339	0.922	ug/l #	84
20) Methylene Chloride	2.82	84	14145	1.756	ug/l	93
25) 2-Butanone	4.66	43	8580	2.176	ug/l	98
31) Cyclohexane	5.63	56	10043	1.363	ug/l #	23
36) 1,1-Dichloropropene	5.62	75	34623	5.342	ug/l #	53
38) Carbon Tetrachloride	5.62	117	46232	6.330	ug/l #	18
39) Methylcyclohexane	7.43	83	13077	1.845	ug/l	94
49) 1,4-Dioxane	7.70	88	143	1.304	ug/l #	22
51) 4-Methyl-2-Pentanone	8.64	43	5685	0.757	ug/l #	49
55) 1,1,2-Trichloroethane	9.15	97	40581	7.880	ug/l #	18
56) Ethyl methacrylate	9.14	69	11035	1.441	ug/l #	1
59) 2-Hexanone	9.43	43	86565	15.159	ug/l #	30
64) Tetrachloroethene	9.32	164	1150	0.230	ug/l #	80
67) Ethyl Benzene	10.24	91	273123	11.800	ug/l	99
68) m/p-Xylenes	10.34	106	194138	22.471	ug/l	98
69) o-Xylene	10.68	106	54077	6.457	ug/l	97
70) Styrene	10.68	104	3837	0.269	ug/l #	1
73) Isopropylbenzene	11.01	105	353740	13.995	ug/l	99
74) N-amyl acetate	10.90	43	150843	12.578	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	111404	12.494	ug/l #	25
76) 1,2,3-Trichloropropane	11.42	75	14691	1.723	ug/l #	1
78) n-propylbenzene	11.35	91	658607	22.948	ug/l	99
79) 2-Chlorotoluene	11.42	91	325446	18.354	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	839218	40.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	183623	58.177	ug/l #	18
82) 4-Chlorotoluene	11.49	91	101033	4.793	ug/l #	44
83) tert-Butylbenzene	11.79	119	509848	24.873	ug/l #	51

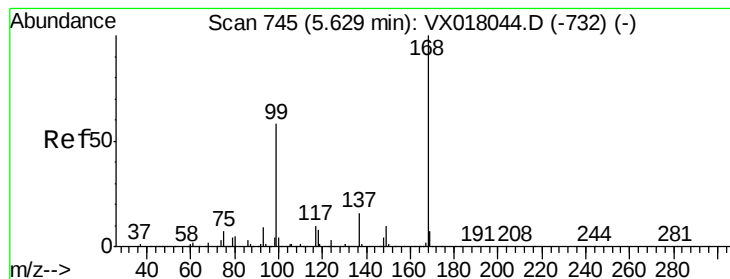
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
 Data File : VX018454.D
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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.79	105	4100433	193.087	uq/l	100
85) sec-Butylbenzene	11.93	105	916605	39.321	uq/l	95
86) p-Isopropyltoluene	12.05	119	691359	32.288	uq/l	97
89) n-Butylbenzene	12.37	91	1011698	51.766	uq/l #	31
90) Hexachloroethane	12.57	117	179537	42.617	uq/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17377	7.794	uq/l #	12
95) Naphthalene	13.82	128	3775680	148.993	uq/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	16374	2.152	uq/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

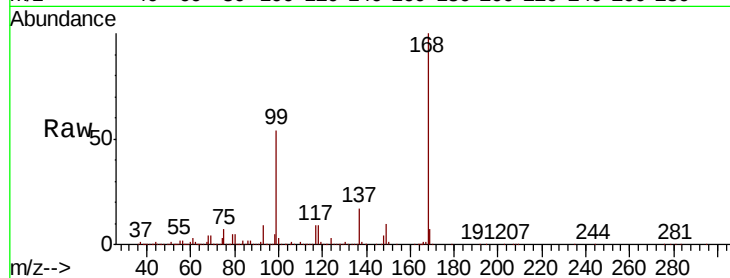
SB-5-16.5-17.0ME

Tot Ion:168 Resp: 443589

Ion Ratio Lower Upper

168 100

99 54.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

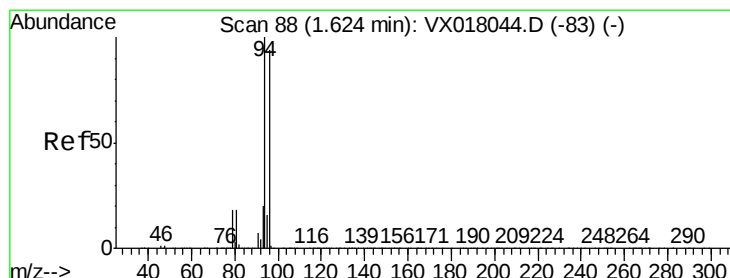
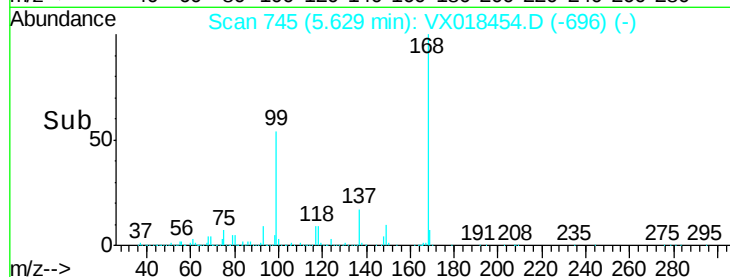
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50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 1.140 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018454.D

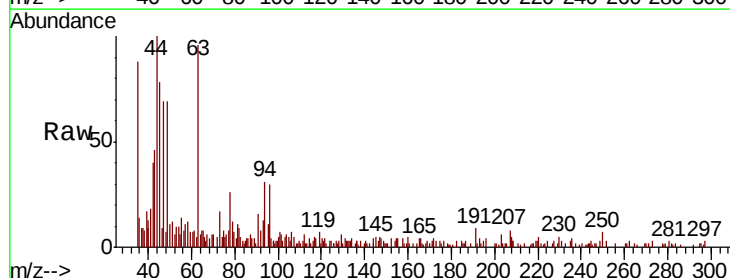
Acq: 16 Sep 2020 20:38

Tgt Ion: 94 Resp: 3118

Ion Ratio Lower Upper

94 100

96 96.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2000

1500

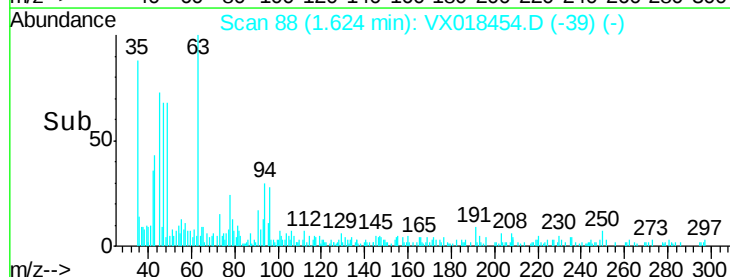
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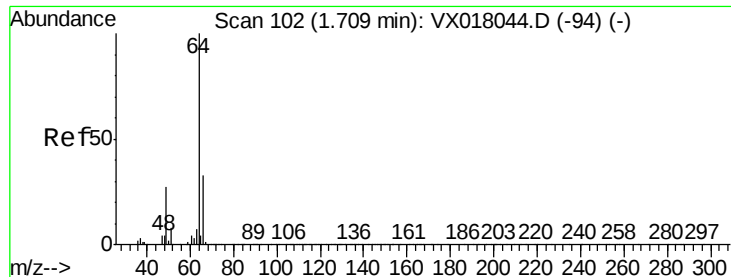
500

0

Time-->

1.55 1.60 1.65





#6

Chloroethane

Concen: 0.355 ug/l

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

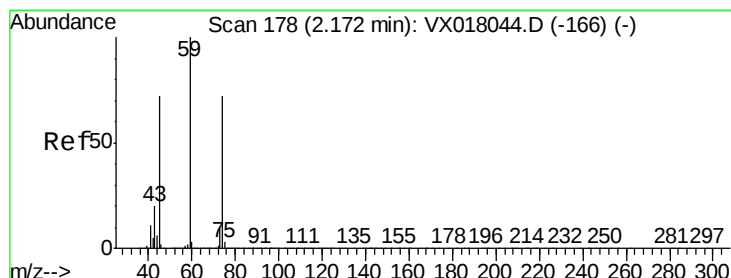
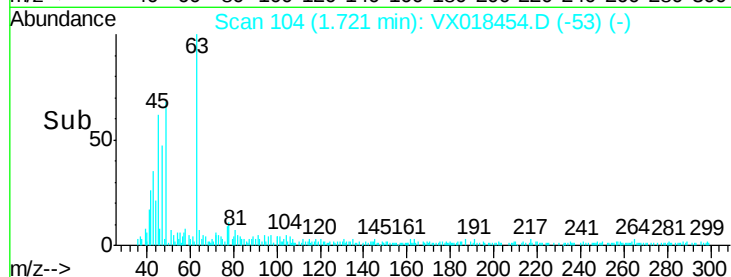
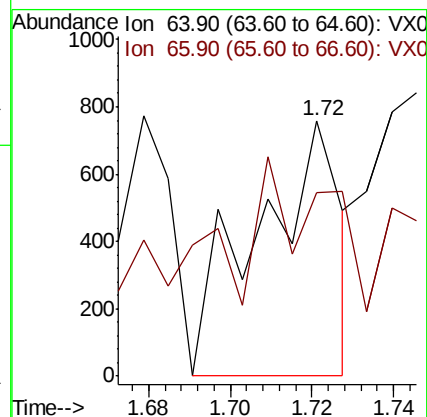
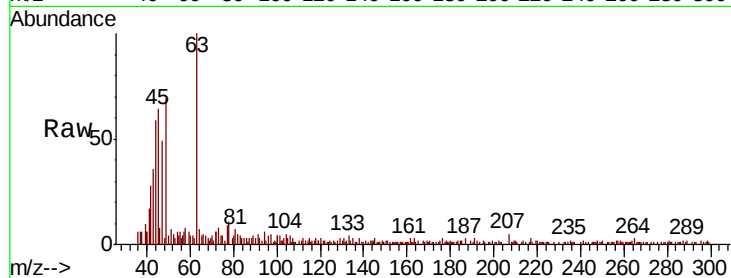
SB-5-16.5-17.0ME

Tot Ion: 64 Resp: 1082

Ion Ratio Lower Upper

64 100

66 20.8 26.6 39.8#



#8

Diethyl Ether

Concen: 0.229 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.01 min

Lab File: VX018454.D

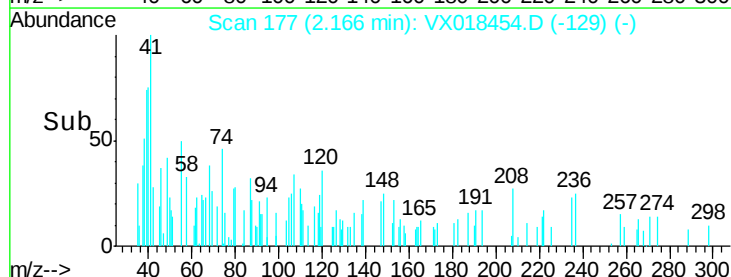
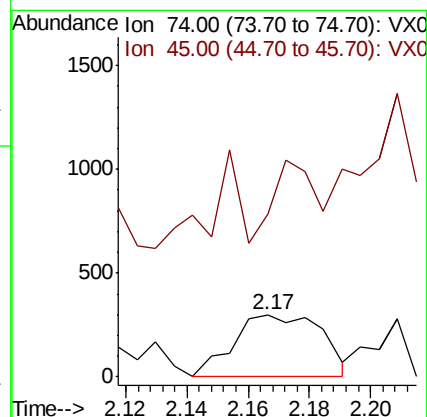
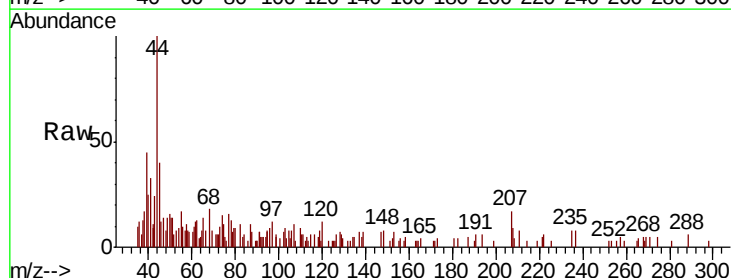
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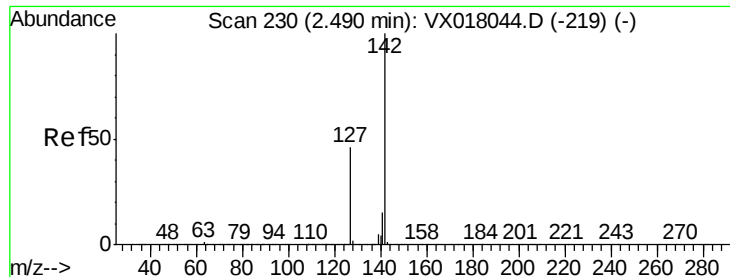
Tgt Ion: 74 Resp: 601

Ion Ratio Lower Upper

74 100

45 63.9 50.7 152.3

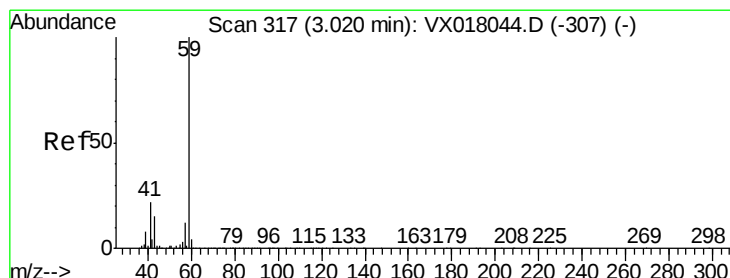
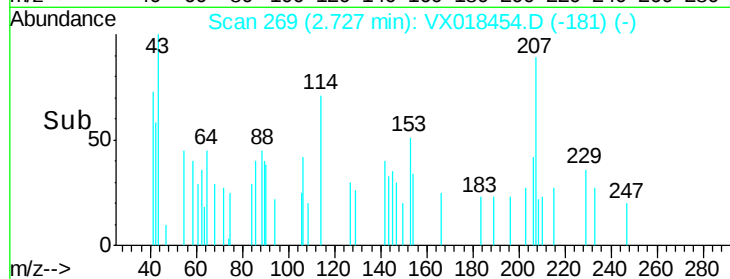
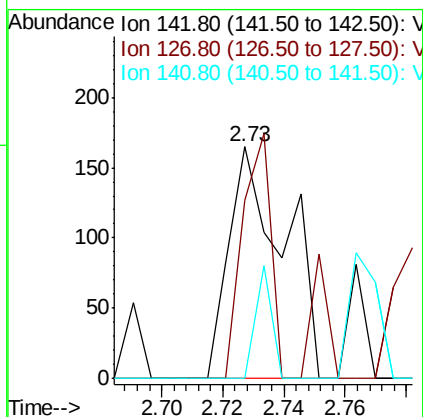
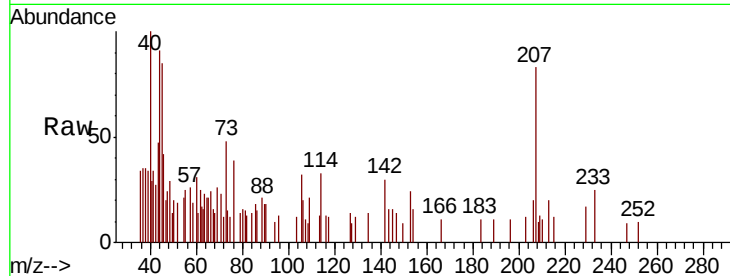




#10
Methyl Iodide
Concen: 5.328 ug/l
RT: 2.73 min Scan# 269
Delta R.T. 0.24 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

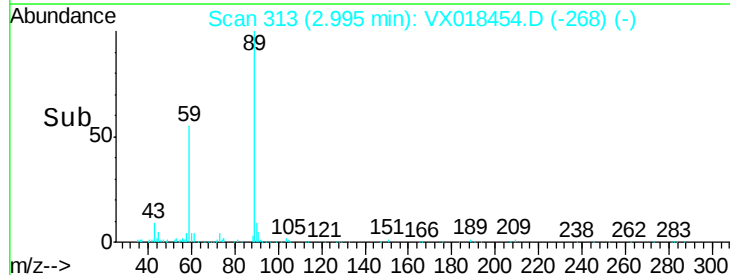
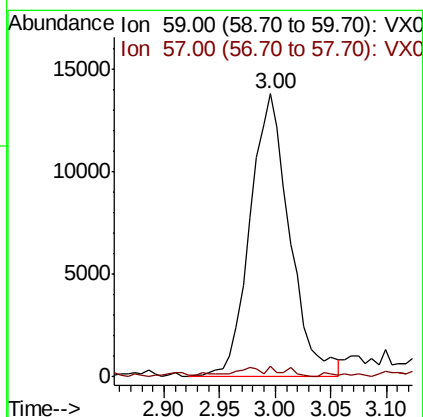
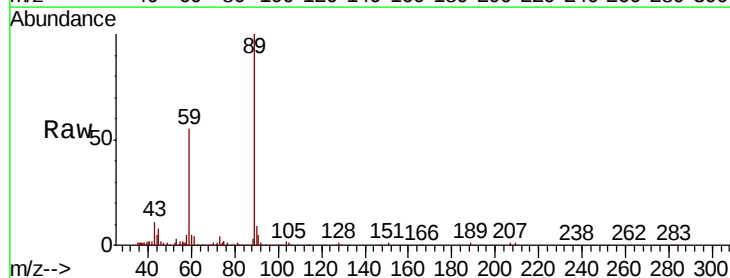
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

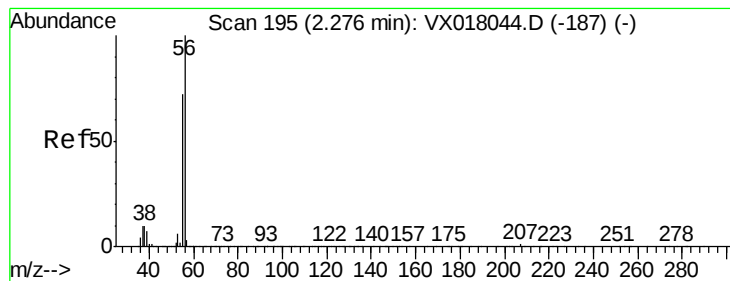
Tot Ion:142 Resp: 208
Ion Ratio Lower Upper
142 100
127 52.9 37.0 55.6
141 13.9 11.5 17.3



#11
Tert butyl alcohol
Concen: 28.672 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion: 59 Resp: 34331
Ion Ratio Lower Upper
59 100
57 1.1 8.9 13.3#





#13

Acrolein

Concen: 0.763 ug/l

RT: 2.31 min Scan# 201

Delta R.T. 0.04 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

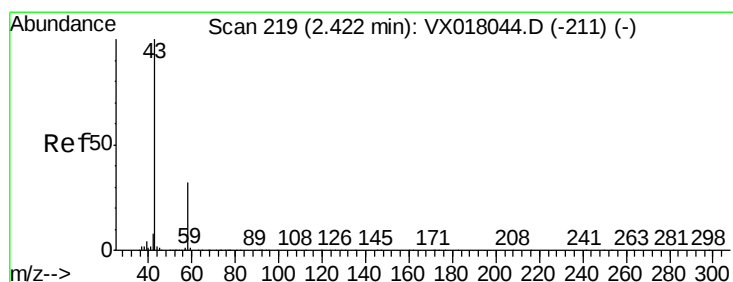
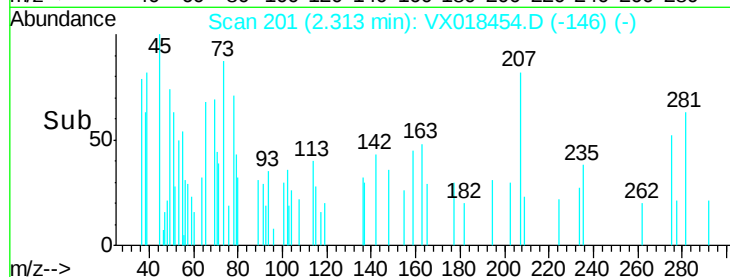
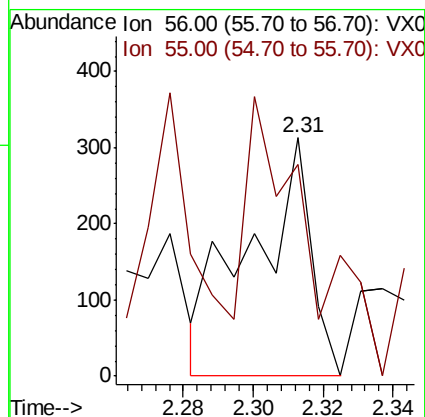
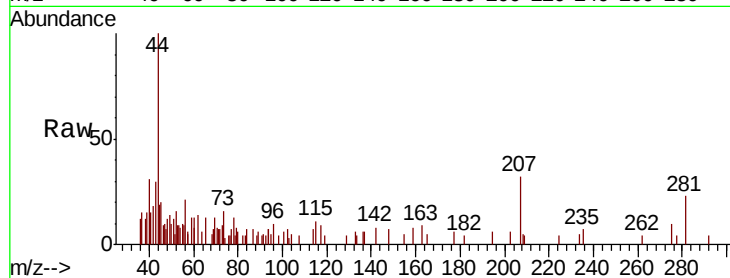
SB-5-16.5-17.0ME

Tot Ion: 56 Resp: 379

Ion Ratio Lower Upper

56 100

55 119.5 57.0 85.6#



#16

Acetone

Concen: 1.118 ug/l

RT: 2.45 min Scan# 224

Delta R.T. 0.03 min

Lab File: VX018454.D

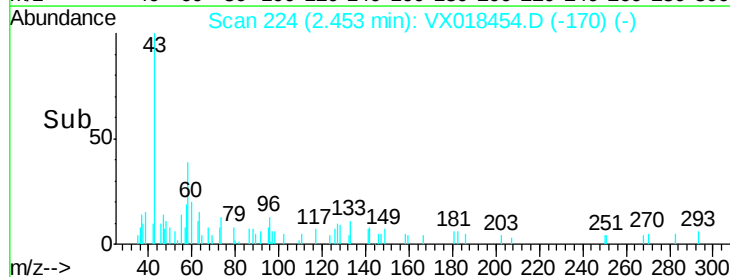
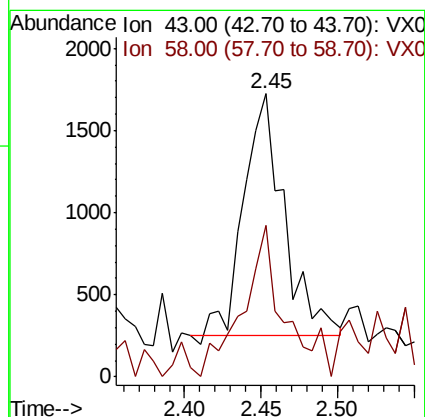
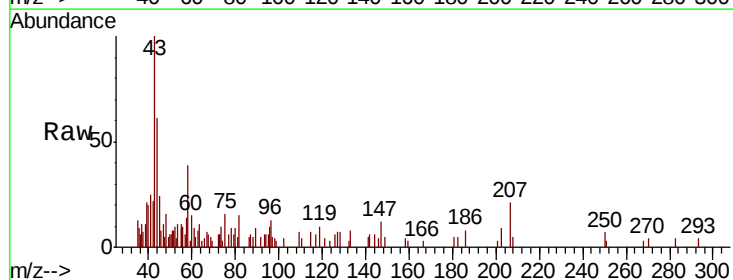
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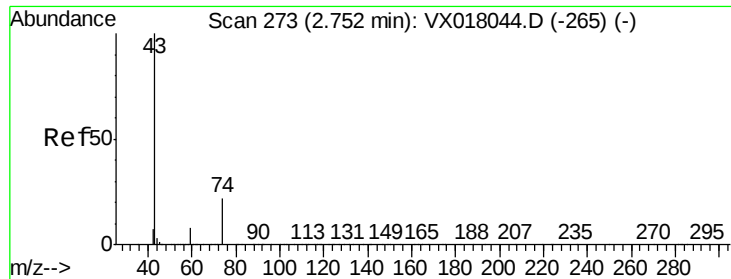
Tgt Ion: 43 Resp: 2682

Ion Ratio Lower Upper

43 100

58 59.0 25.5 38.3#

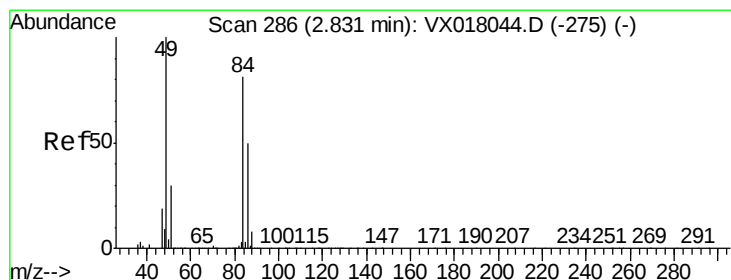
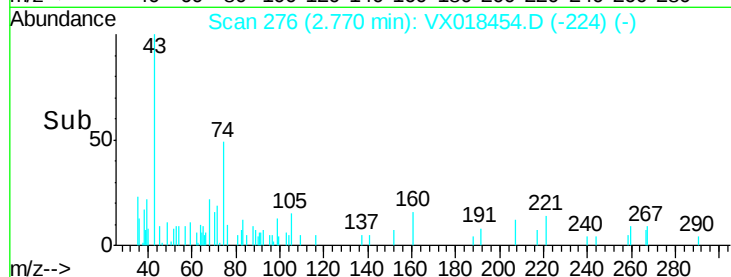
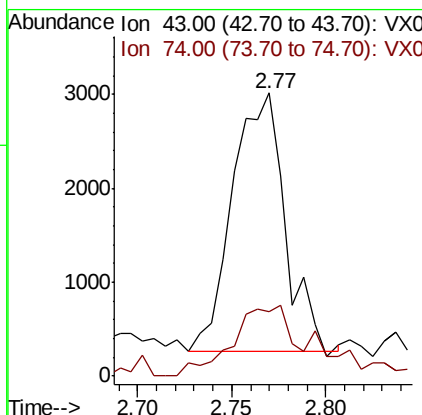
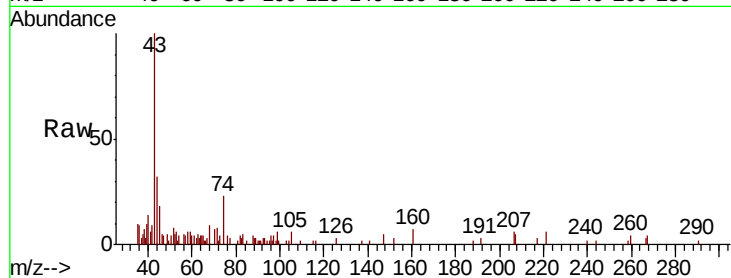




#18
Methyl Acetate
Concen: 0.922 ug/l
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

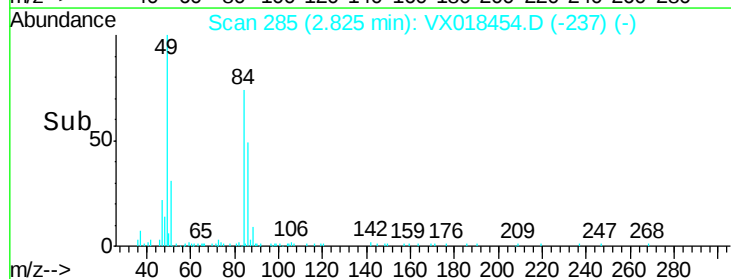
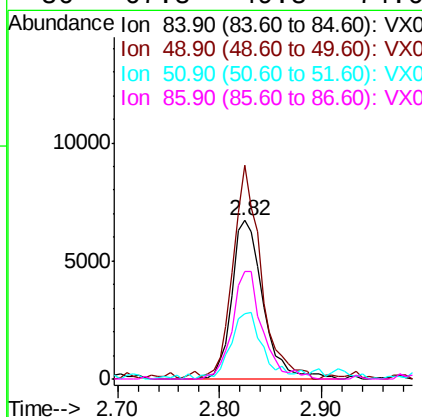
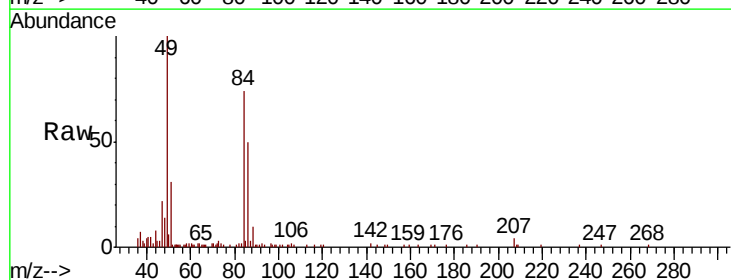
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

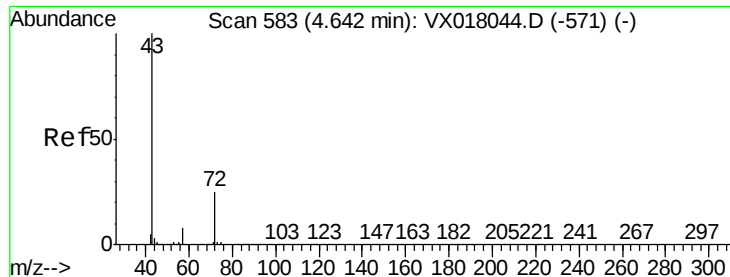
Tot Ion: 43 Resp: 5339
Ion Ratio Lower Upper
43 100
74 30.5 18.2 27.4#



#20
Methylene Chloride
Concen: 1.756 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion: 84 Resp: 14145
Ion Ratio Lower Upper
84 100
49 133.6 98.6 148.0
51 37.7 29.6 44.4
86 67.8 49.8 74.6





#25

2-Butanone

Concen: 2.176 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

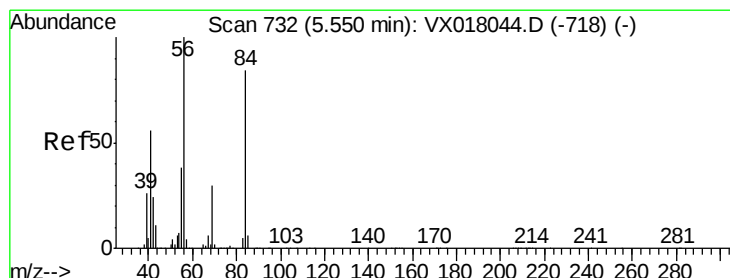
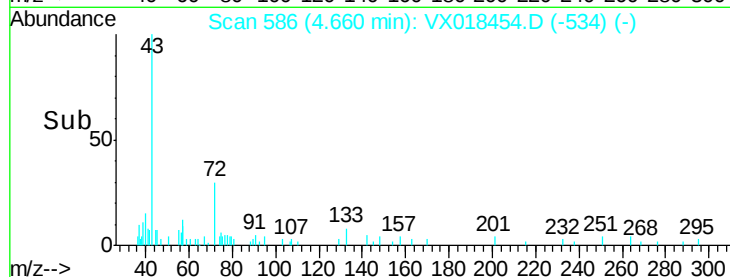
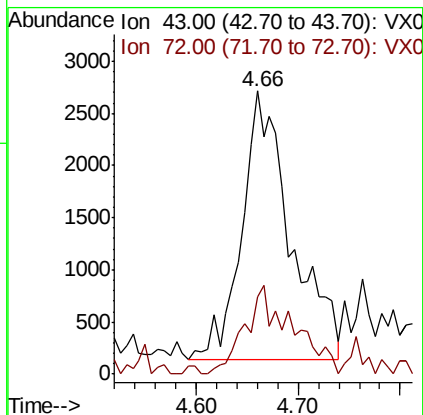
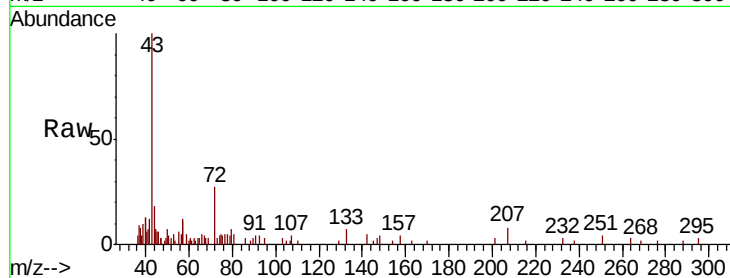
SB-5-16.5-17.0ME

Tot Ion: 43 Resp: 8580

Ion Ratio Lower Upper

43 100

72 25.8 19.8 29.6



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

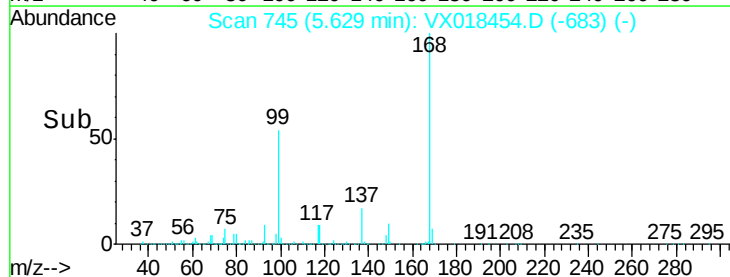
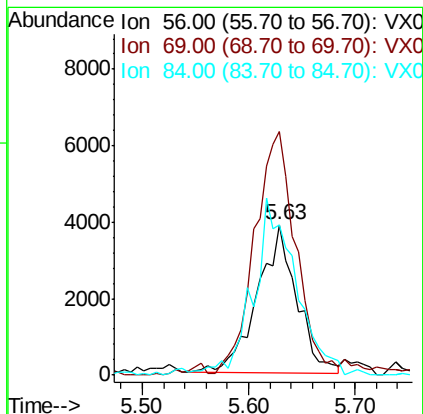
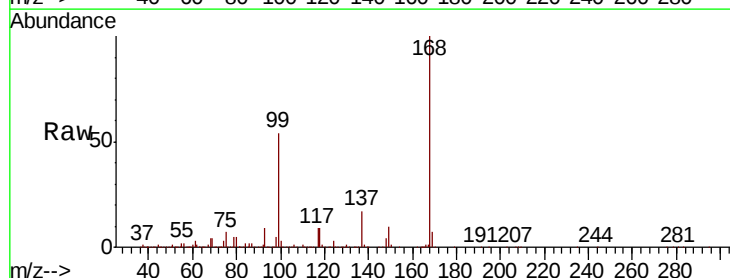
Tgt Ion: 56 Resp: 10043

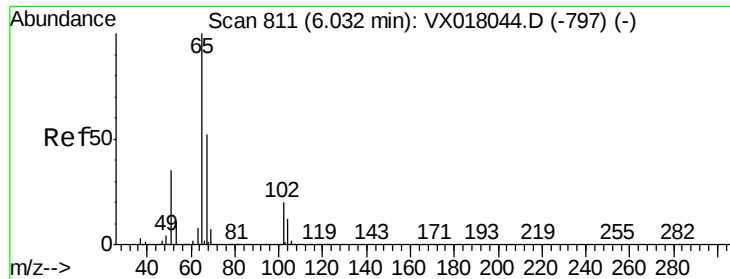
Ion Ratio Lower Upper

56 100

69 162.1 23.9 35.9#

84 99.5 67.0 100.4





#33

1,2-Dichloroethane-d4

Concen: 50.827 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

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MSVOA_X

ClientSampleId :

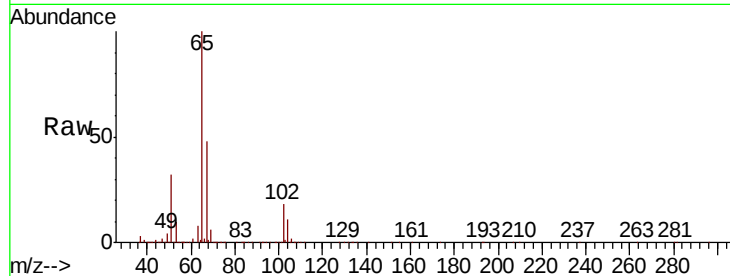
SB-5-16.5-17.0ME

Tot Ion: 65 Resp: 312999

Ion Ratio Lower Upper

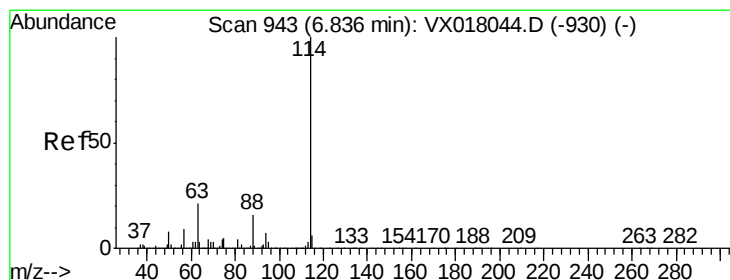
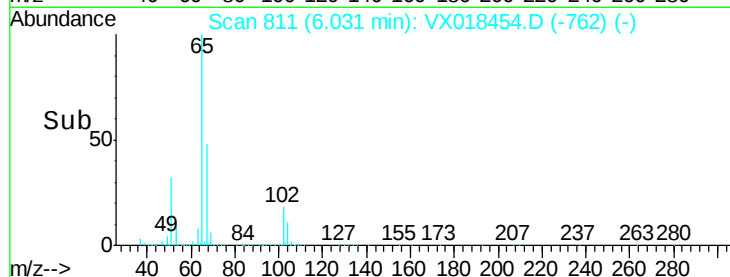
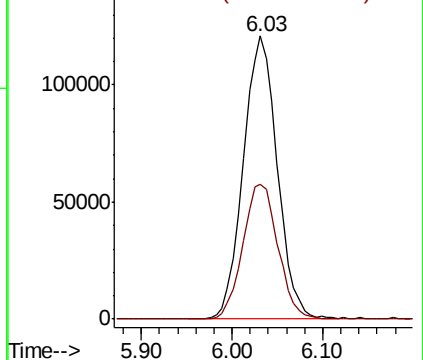
65 100

67 49.3 0.0 105.8



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

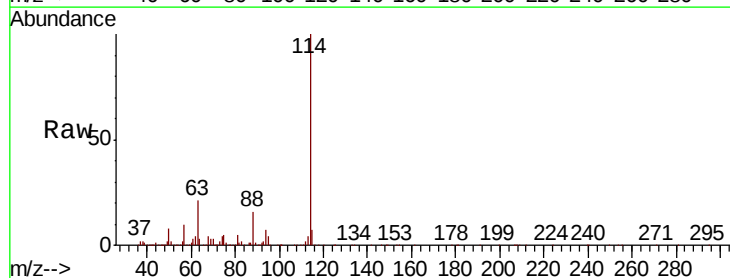
Tgt Ion: 114 Resp: 702630

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

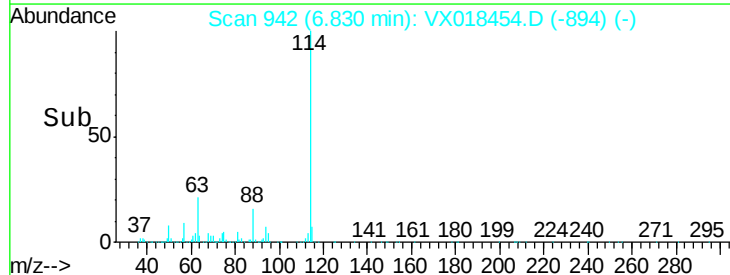
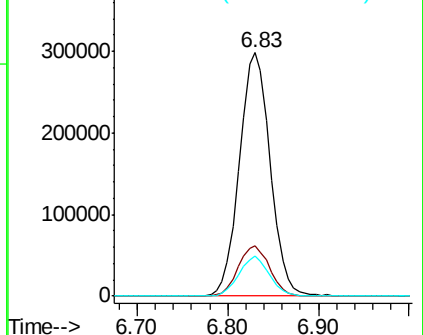
88 16.4 0.0 31.8

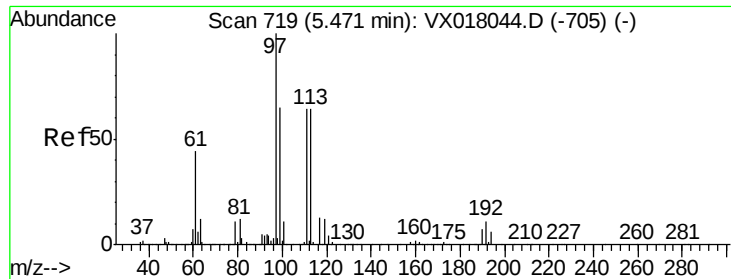


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

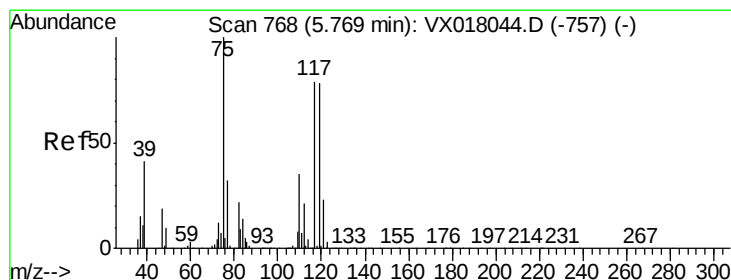
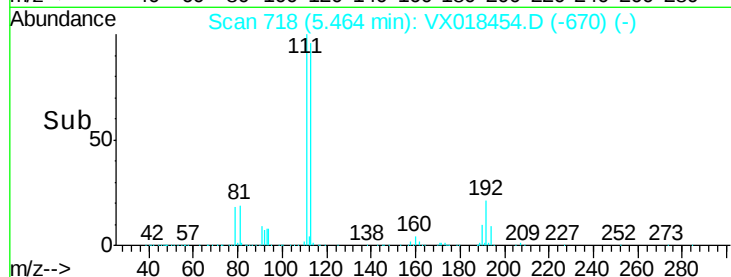
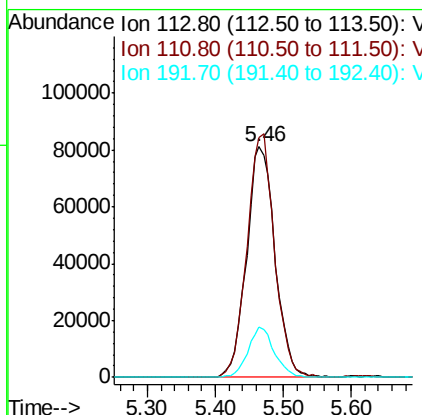
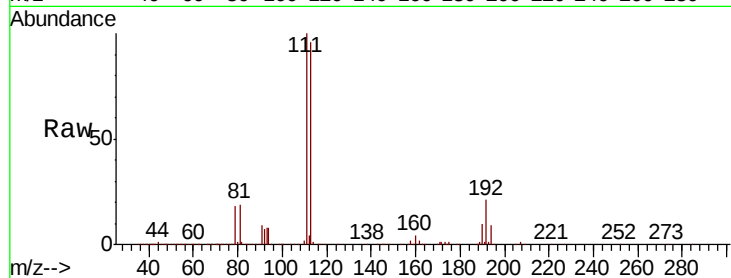




#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

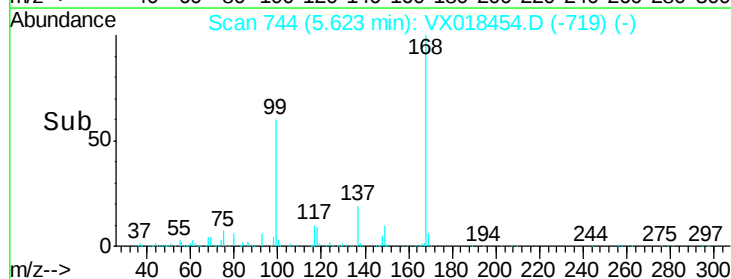
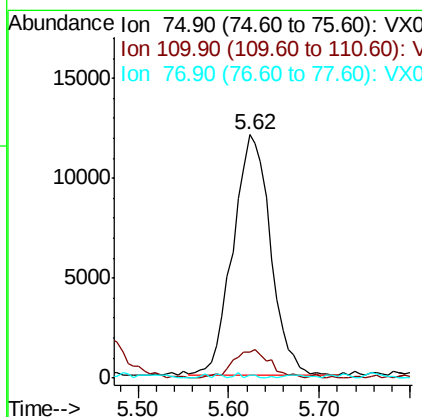
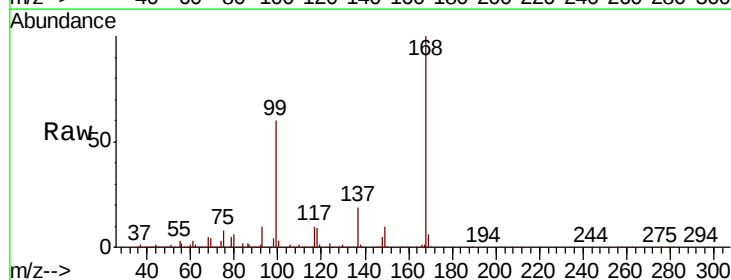
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0ME

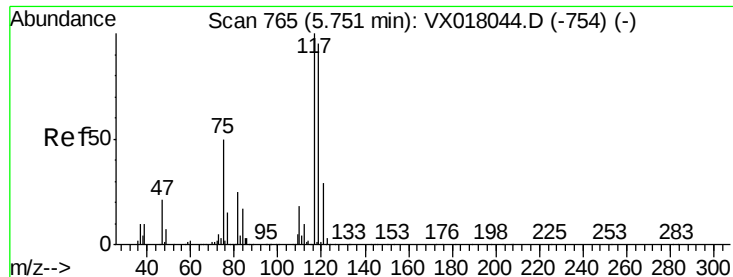
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	20.1	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.342 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.0	54.0#
77	0.6	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 6.330 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

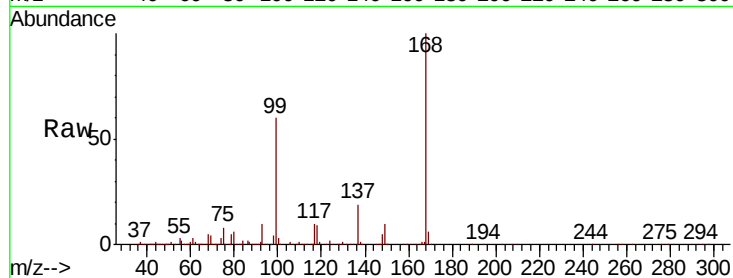
Tot Ion:117 Resp: 46232

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

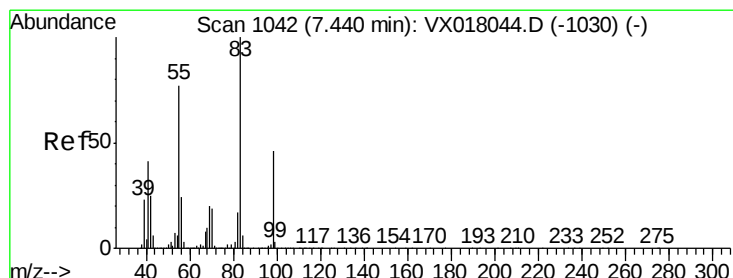
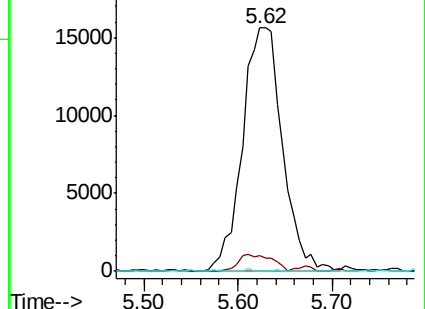
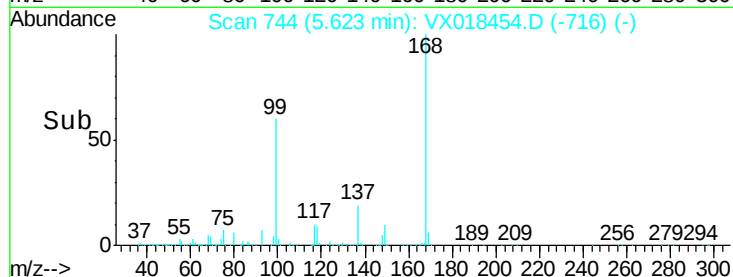
121 0.0 23.4 35.0#



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: 1.845 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

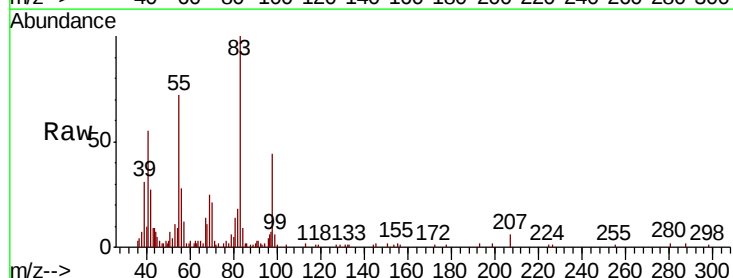
Tgt Ion: 83 Resp: 13077

Ion Ratio Lower Upper

83 100

55 69.9 61.8 92.6

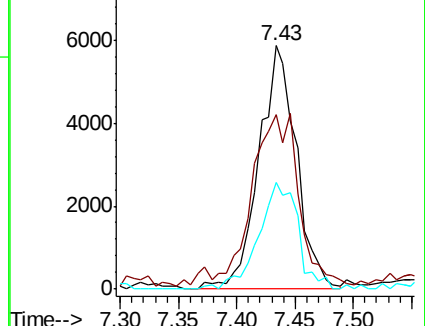
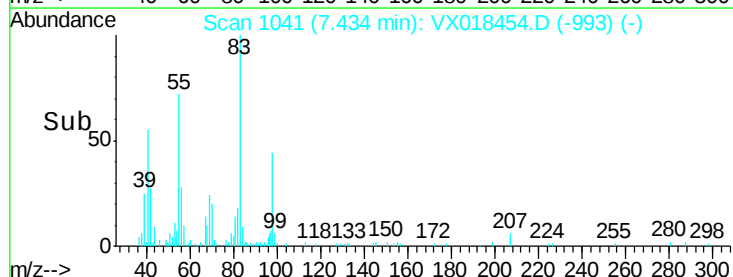
98 43.7 36.6 55.0

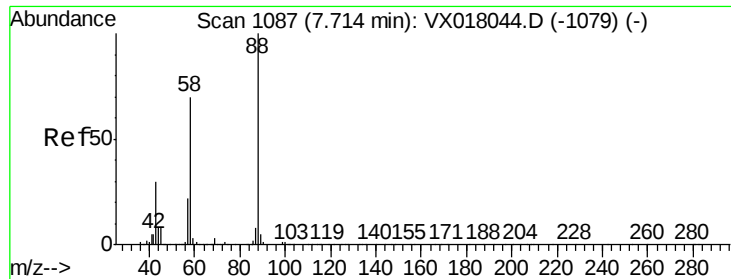


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#49

1,4-Dioxane

Concen: 1.304 ug/l

RT: 7.70 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

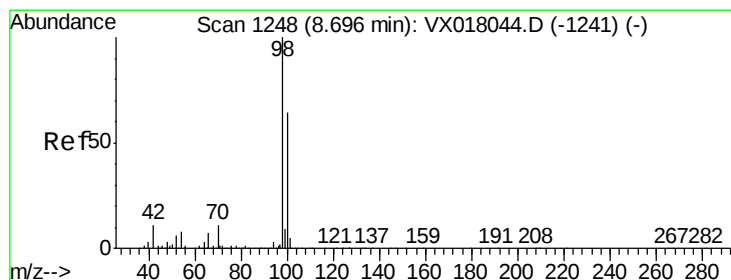
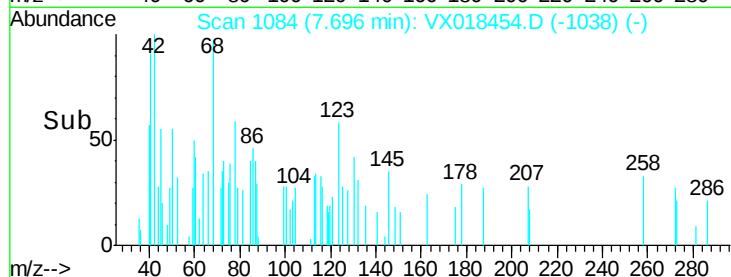
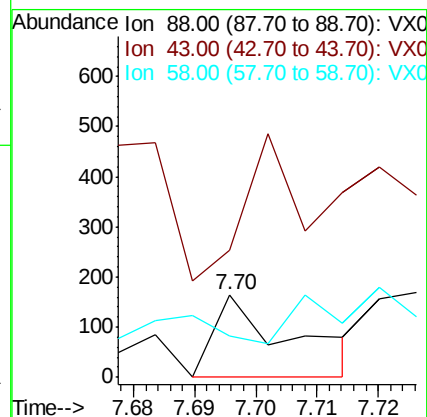
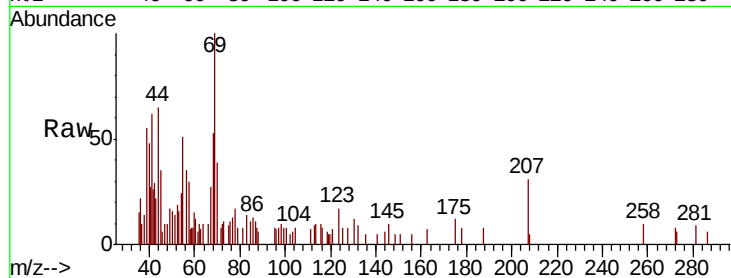
Tot Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 69.2 27.4 41.0#

58 0.0 56.4 84.6#



#50

Toluene-d8

Concen: 48.715 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018454.D

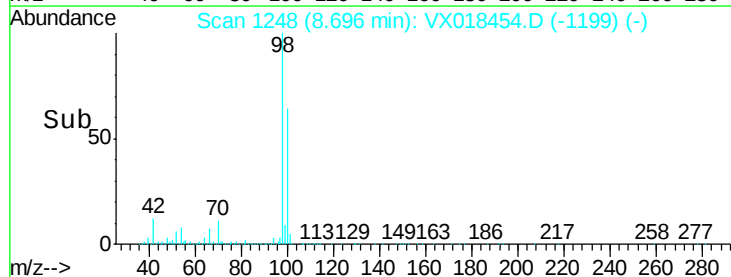
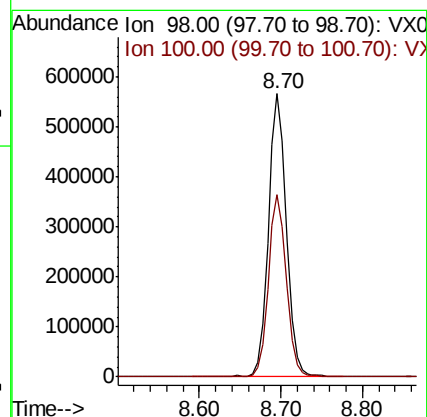
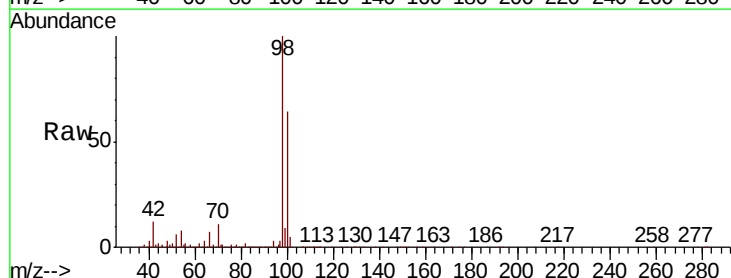
Acq: 16 Sep 2020 20:38

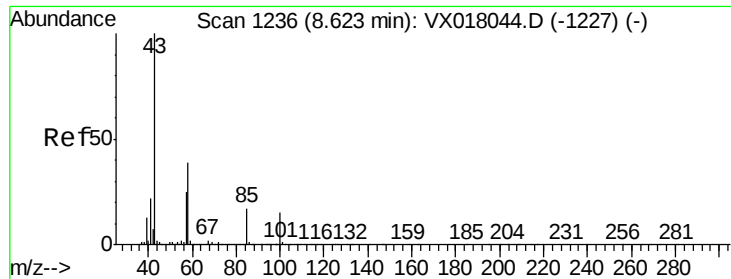
Tgt Ion: 98 Resp: 868238

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.757 ug/l

RT: 8.64 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

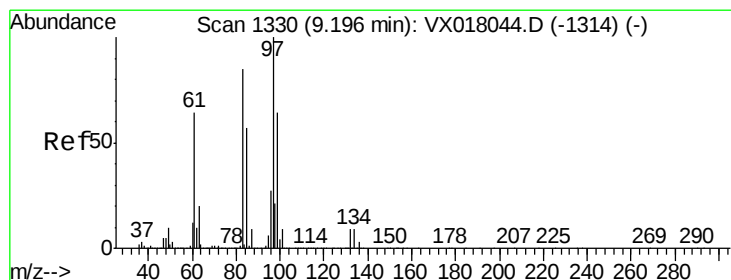
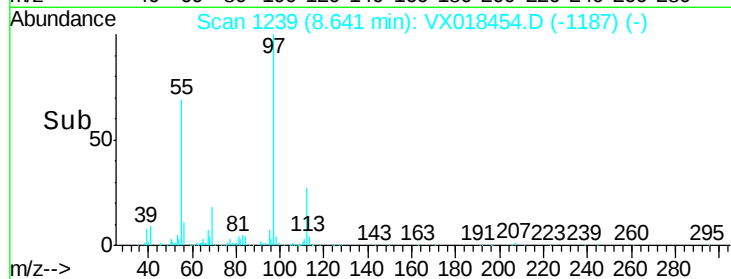
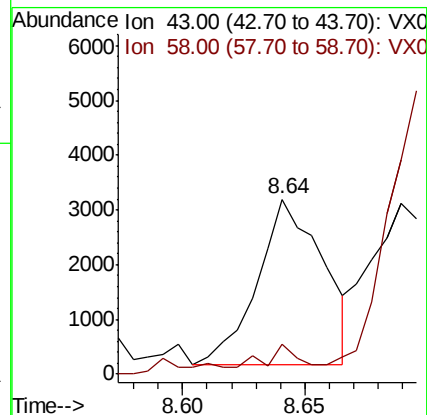
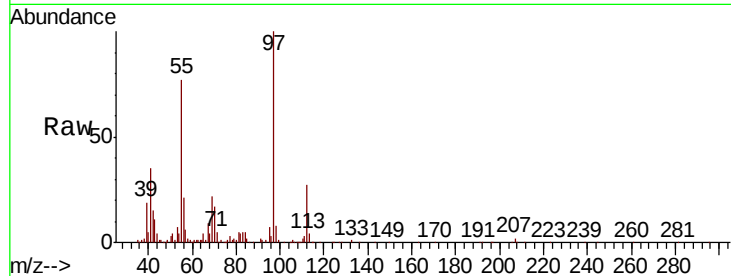
SB-5-16.5-17.0ME

Tot Ion: 43 Resp: 5685

Ion Ratio Lower Upper

43 100

58 7.3 30.7 46.1#



#55

1,1,2-Trichloroethane

Concen: 7.880 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Tgt Ion: 97 Resp: 40581

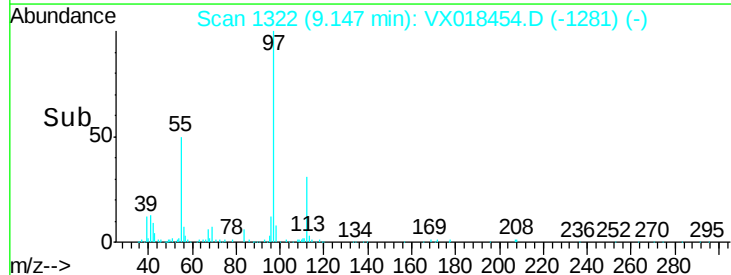
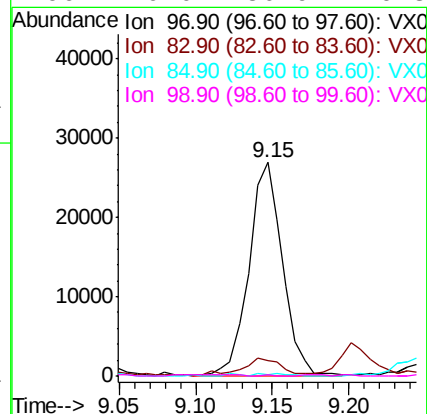
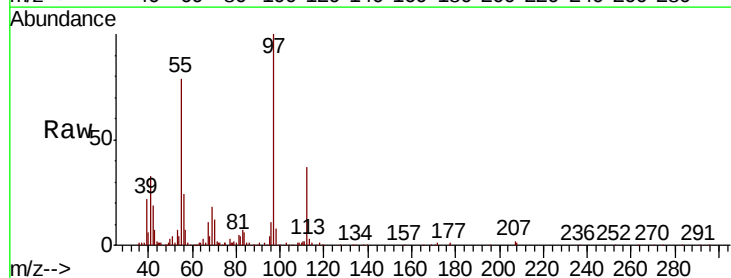
Ion Ratio Lower Upper

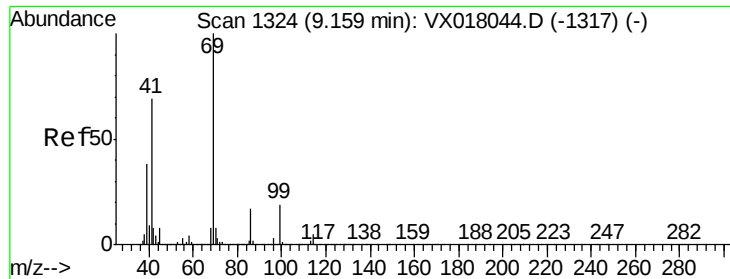
97 100

83 6.8 67.8 101.6#

85 0.5 45.3 67.9#

99 0.0 50.9 76.3#





#56

Ethyl methacrylate

Concen: 1.441 ug/l

RT: 9.14 min Scan# 1321

Delta R.T. -0.02 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

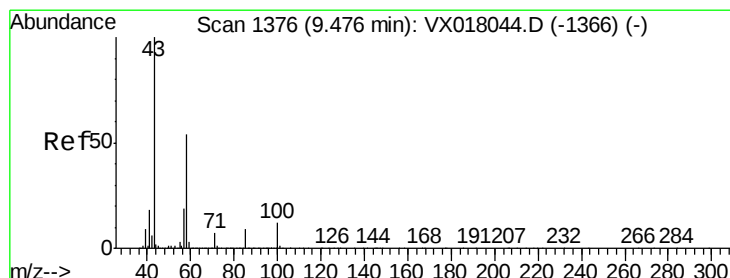
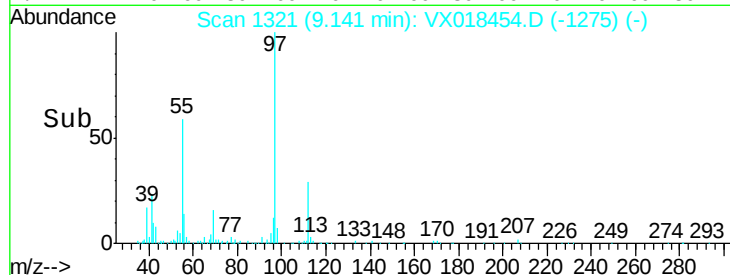
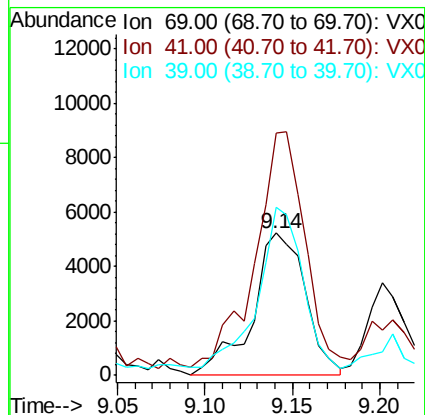
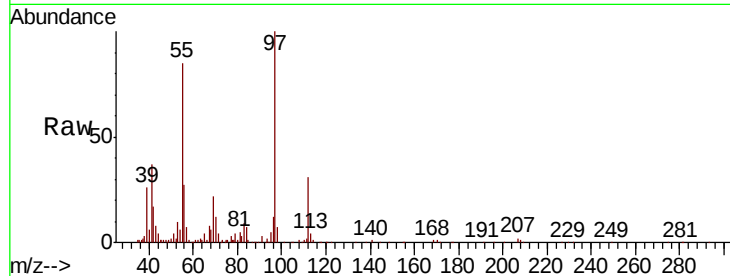
Tot Ion: 69 Resp: 11035

Ion Ratio Lower Upper

69 100

41 153.3 54.6 81.8#

39 94.5 29.1 43.7#



#59

2-Hexanone

Concen: 15.159 ug/l

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX018454.D

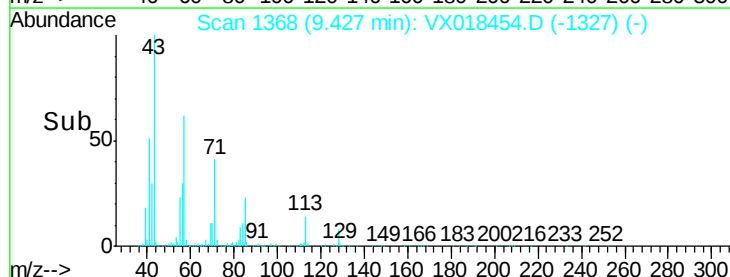
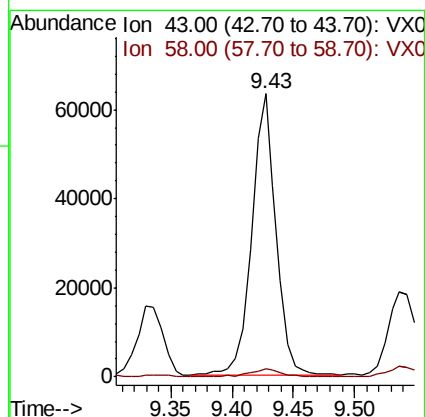
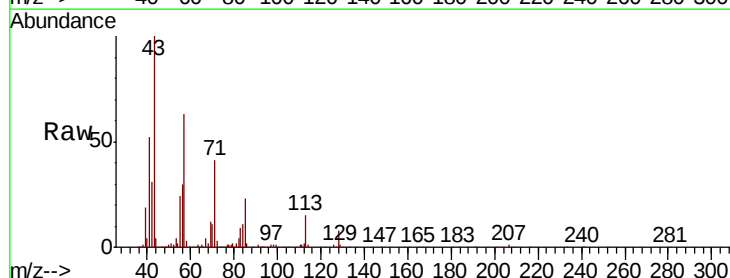
Acq: 16 Sep 2020 20:38

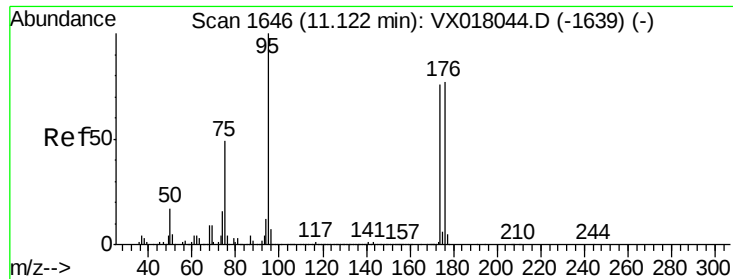
Tgt Ion: 43 Resp: 86565

Ion Ratio Lower Upper

43 100

58 3.3 26.6 79.7#





#62

4-Bromofluorobenzene

Concen: 51.059 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

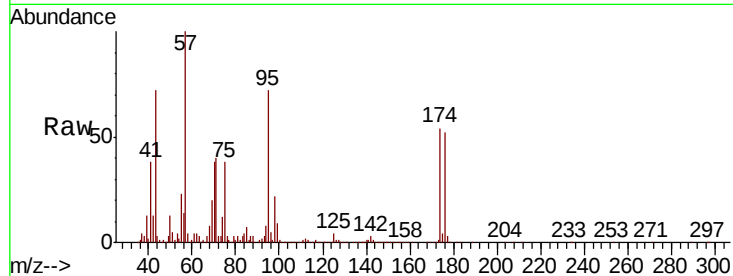
Tot Ion: 95 Resp: 358039

Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.2

176 76.6 0.0 155.8

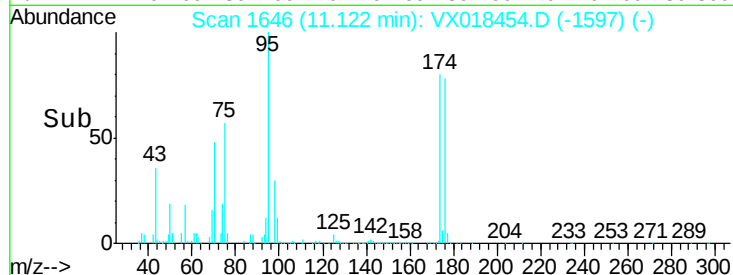


Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)

Time-->

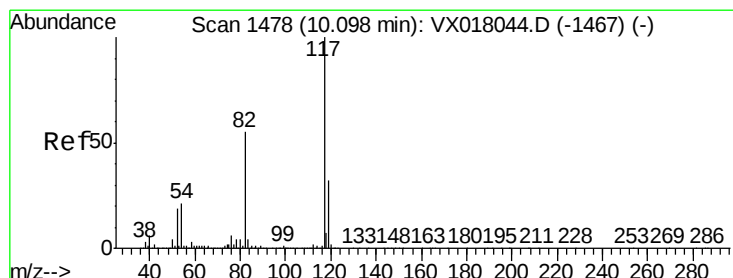


Abundance Ion 94.90 (94.60 to 95.60): VX018454.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018454.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018454.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

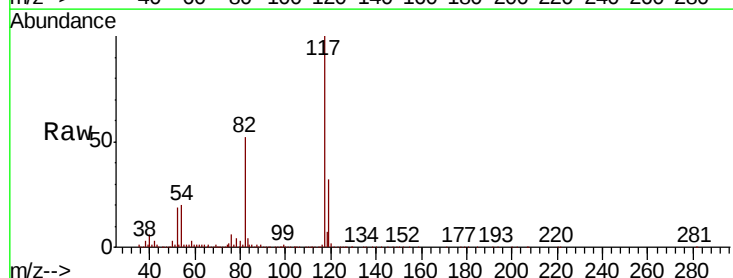
Tgt Ion: 117 Resp: 681490

Ion Ratio Lower Upper

117 100

82 52.0 44.2 66.2

119 31.9 25.7 38.5

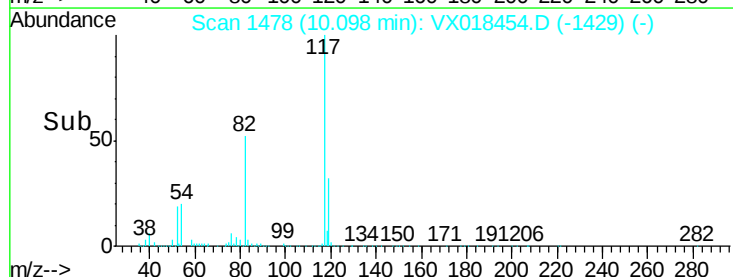


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)

Time-->

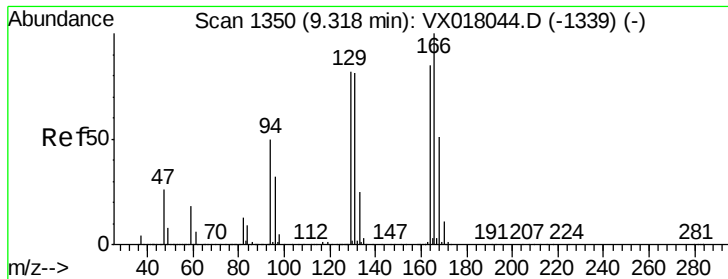


Abundance Ion 116.90 (116.60 to 117.60): VX018454.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018454.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018454.D (-1429) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.230 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

Tot Ion:164 Resp: 1150

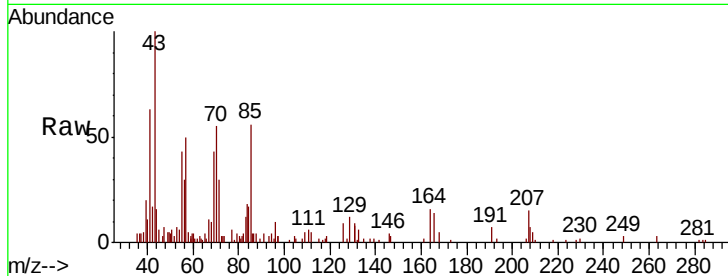
Ion Ratio Lower Upper

164 100

166 88.9 94.2 141.2#

129 74.5 76.9 115.3#

131 106.0 76.1 114.1

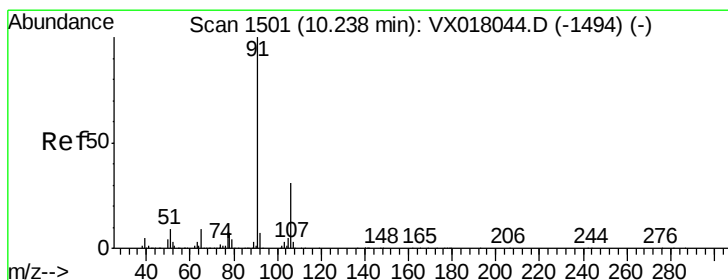
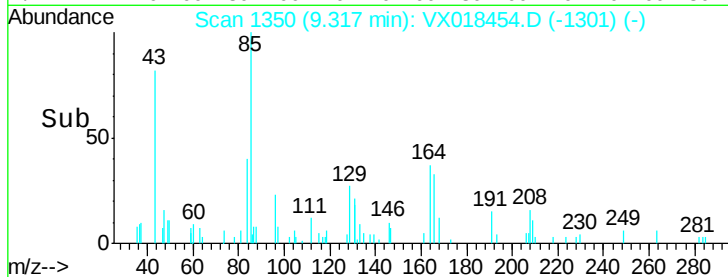
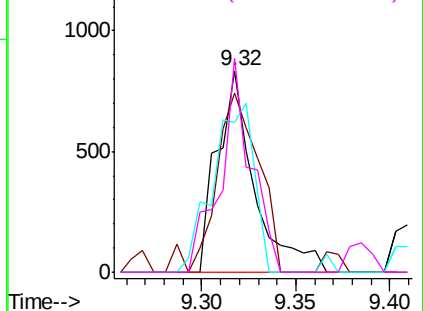


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 11.800 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018454.D

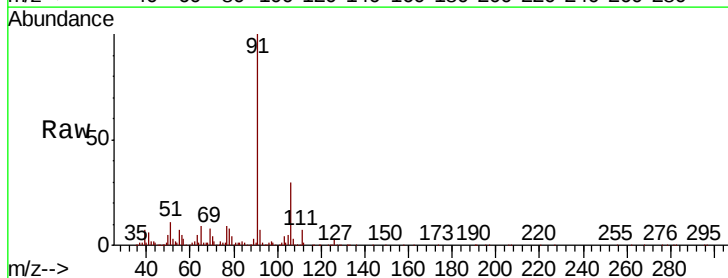
Acq: 16 Sep 2020 20:38

Tgt Ion: 91 Resp: 273123

Ion Ratio Lower Upper

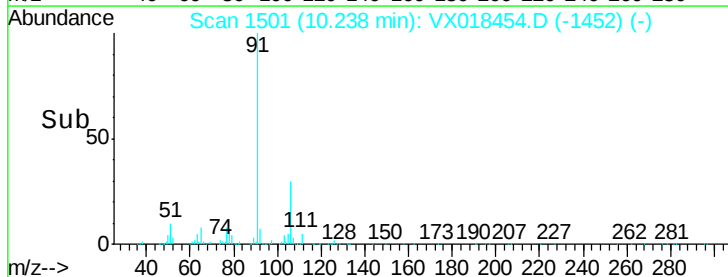
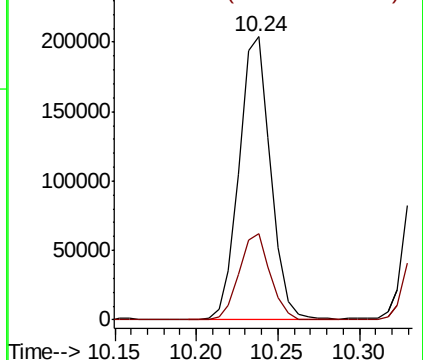
91 100

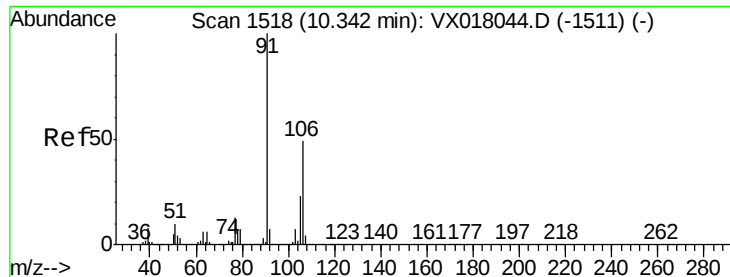
106 30.4 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 22.471 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

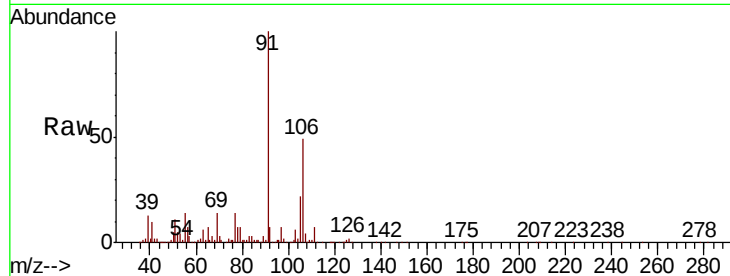
SB-5-16.5-17.0ME

Tot Ion:106 Resp: 194138

Ion Ratio Lower Upper

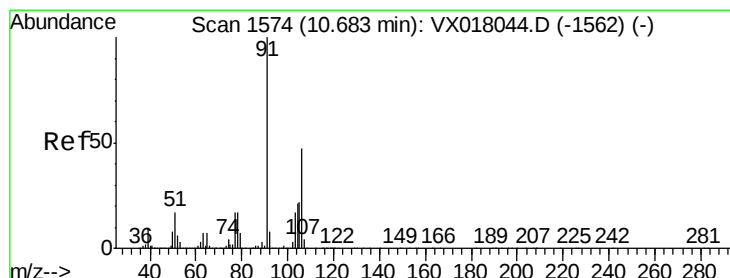
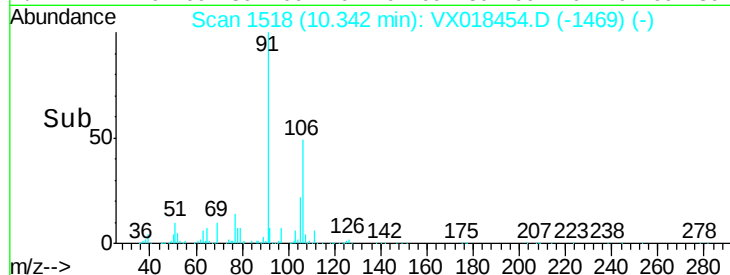
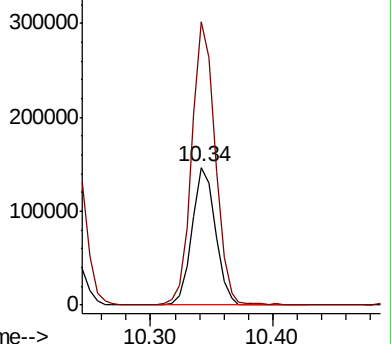
106 100

91 205.3 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 6.457 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018454.D

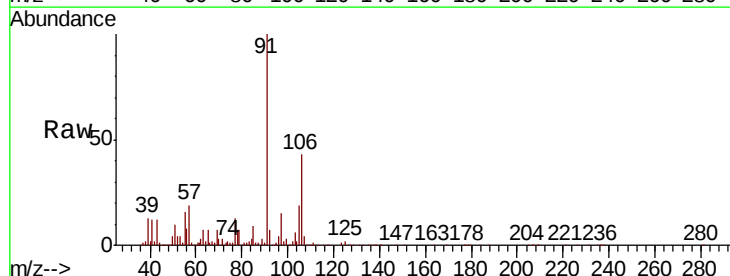
Acq: 16 Sep 2020 20:38

Tgt Ion:106 Resp: 54077

Ion Ratio Lower Upper

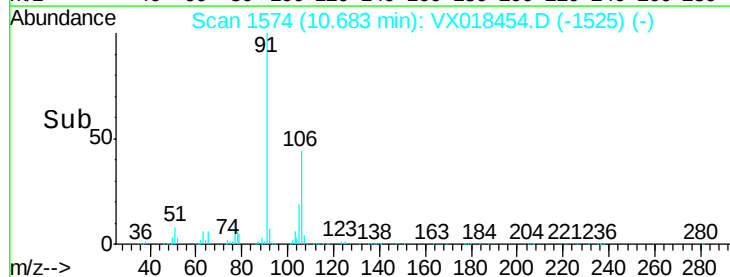
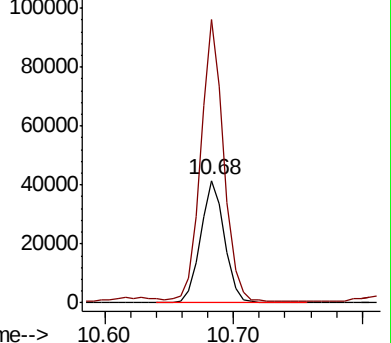
106 100

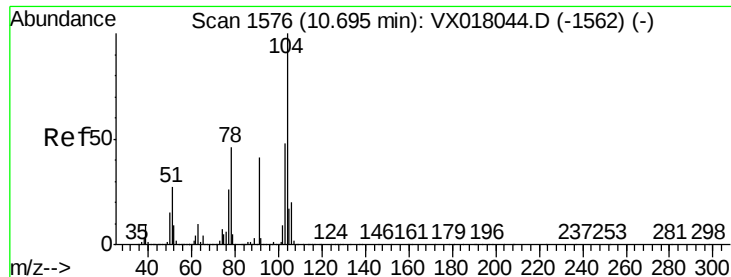
91 219.6 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.269 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

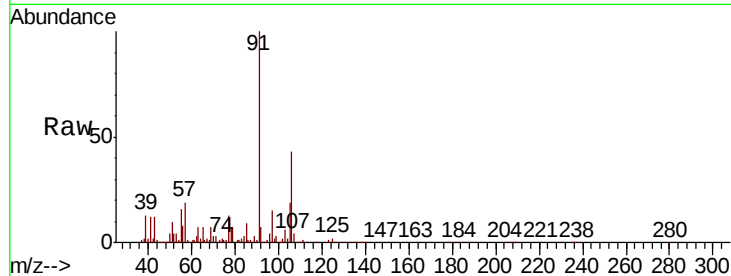
Tot Ion:104 Resp: 3837

Ion Ratio Lower Upper

104 100

78 244.5 40.9 61.3#

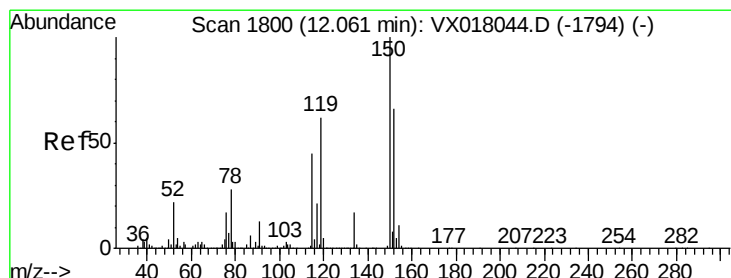
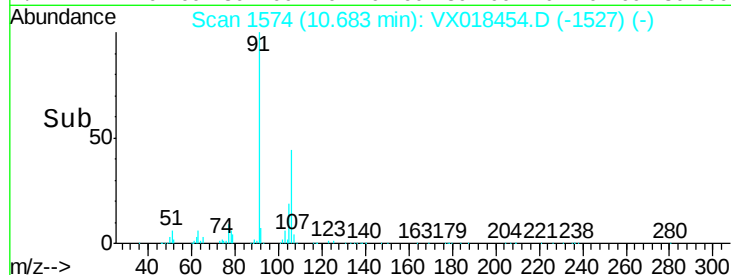
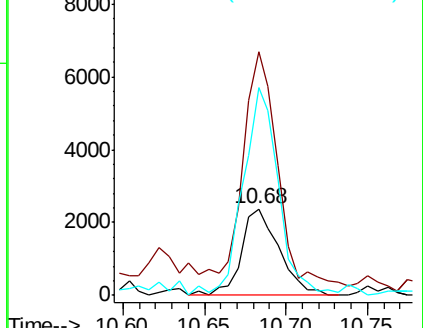
103 214.7 43.6 65.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

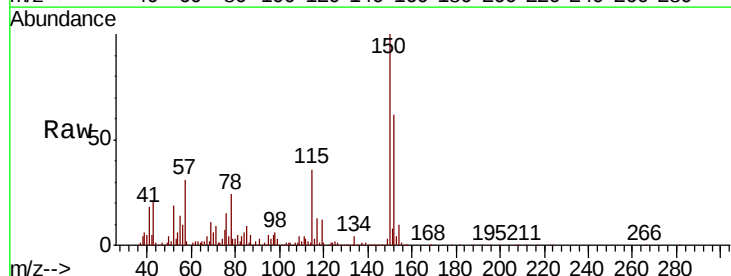
Tgt Ion:152 Resp: 383205

Ion Ratio Lower Upper

152 100

115 72.5 41.5 124.5

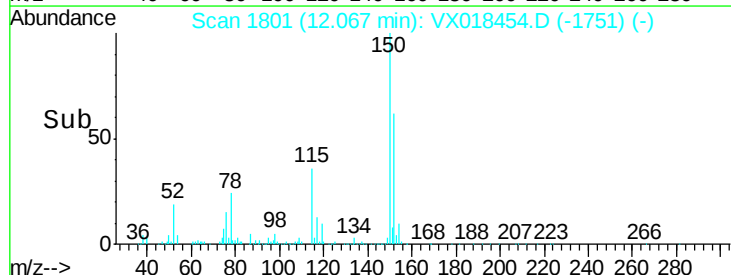
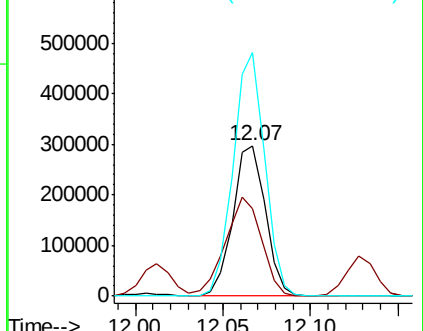
150 158.2 0.0 343.8

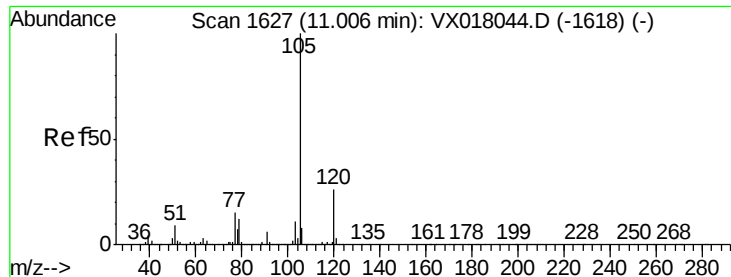


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.995 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

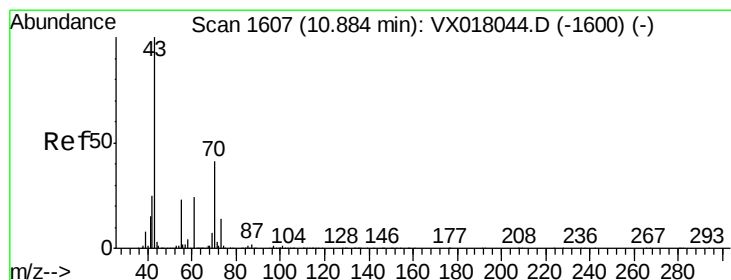
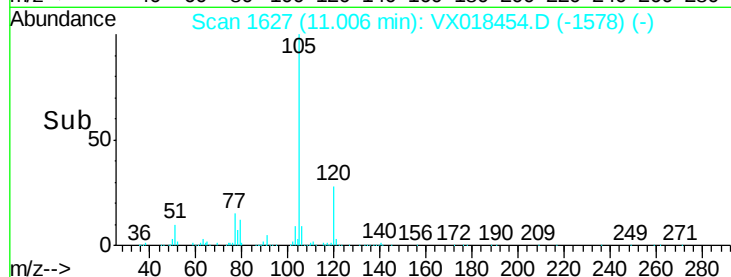
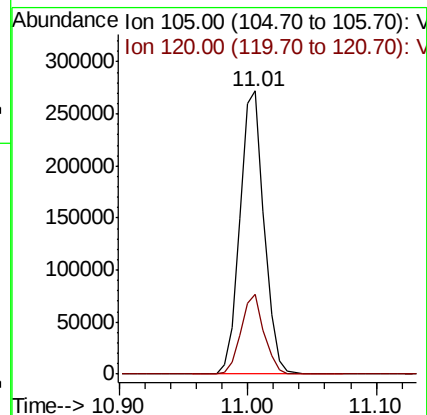
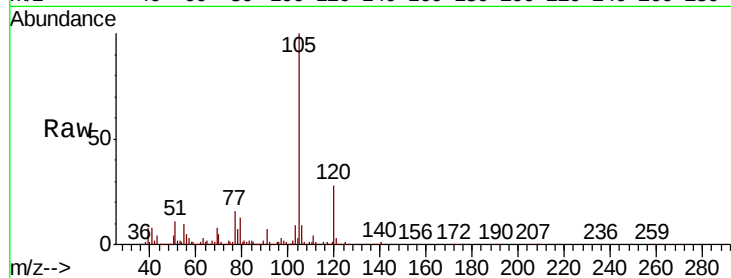
SB-5-16.5-17.0ME

Tot Ion:105 Resp: 353740

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#74

N-ethyl acetate

Concen: 12.578 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Tgt Ion: 43 Resp: 150843

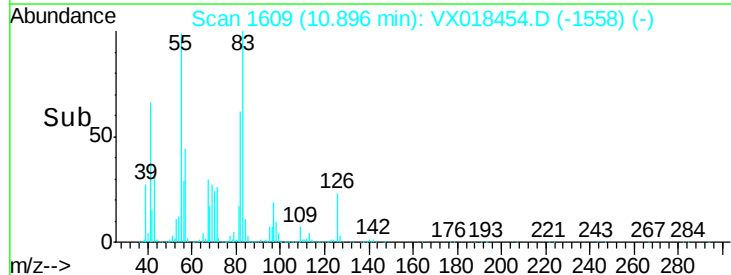
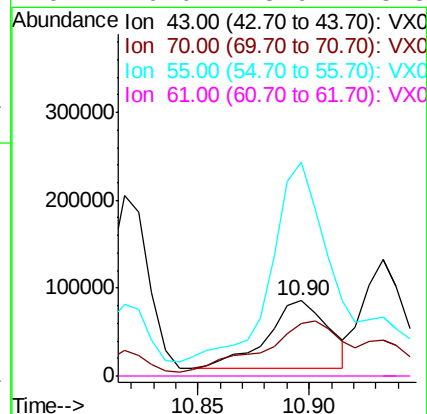
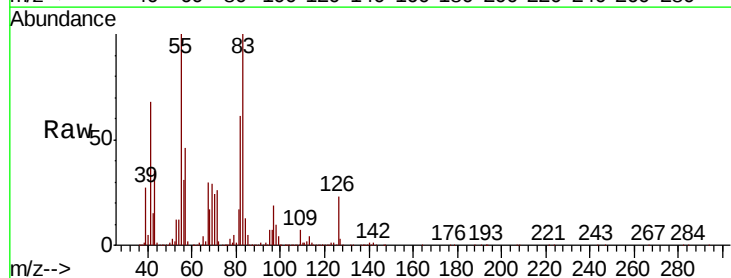
Ion Ratio Lower Upper

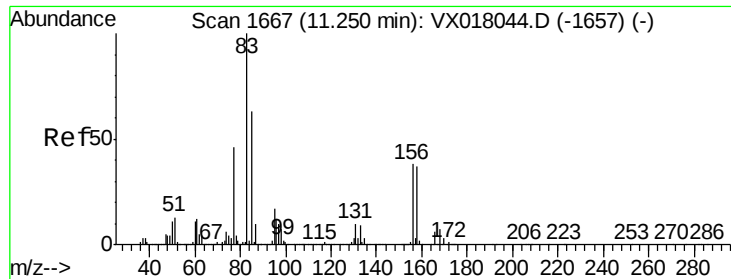
43 100

70 91.4 32.3 48.5#

55 306.1 18.2 27.2#

61 0.0 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.494 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

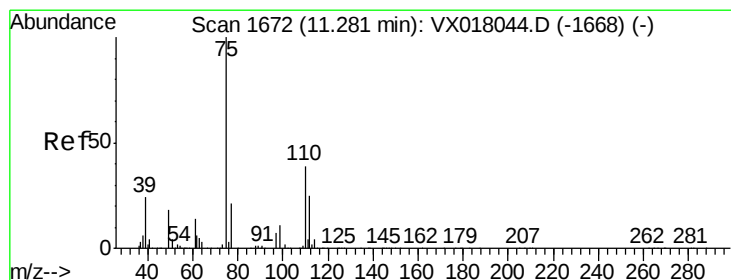
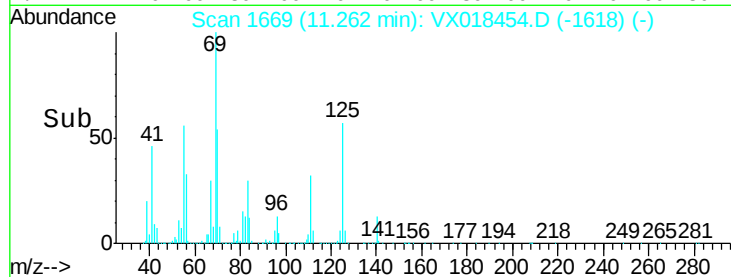
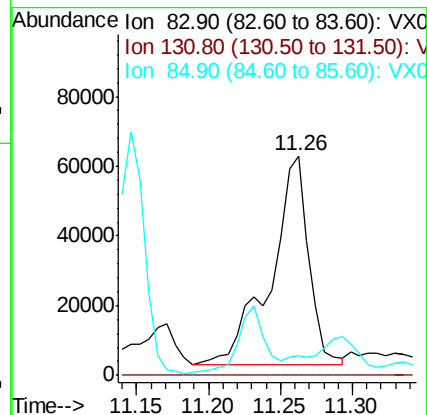
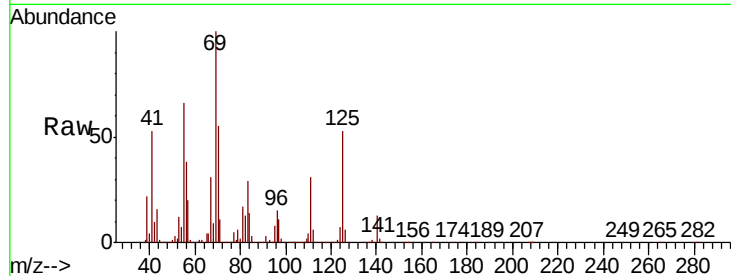
Tot Ion: 83 Resp: 111404

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 1.723 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.14 min

Lab File: VX018454.D

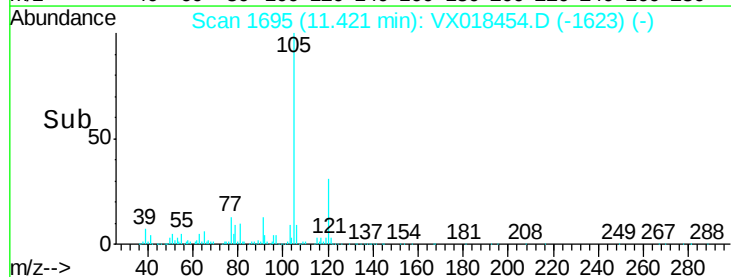
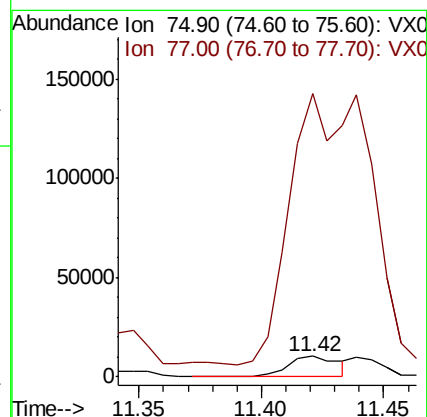
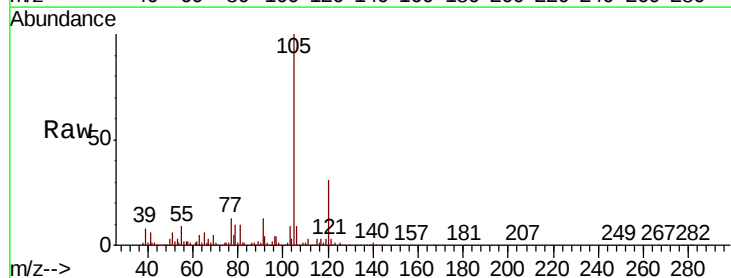
Acq: 16 Sep 2020 20:38

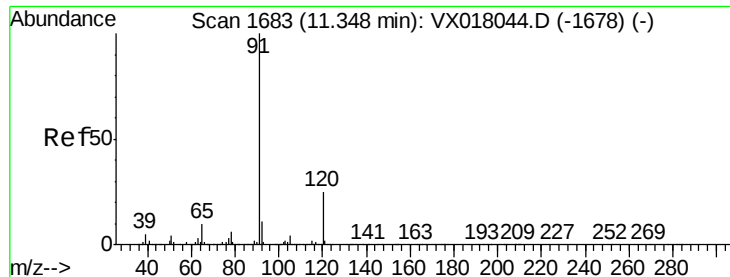
Tgt Ion: 75 Resp: 14691

Ion Ratio Lower Upper

75 100

77 2226.0 20.8 62.2#





#78

n-propylbenzene

Concen: 22.948 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

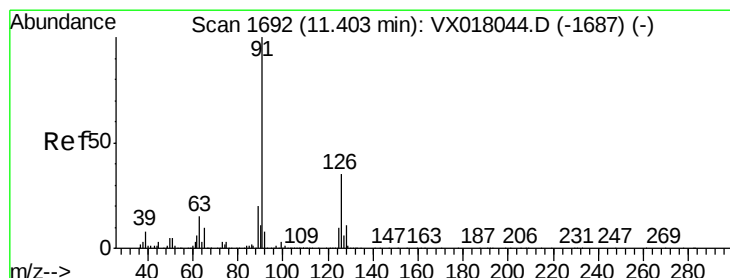
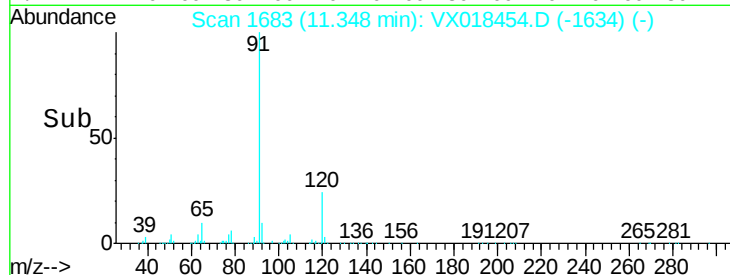
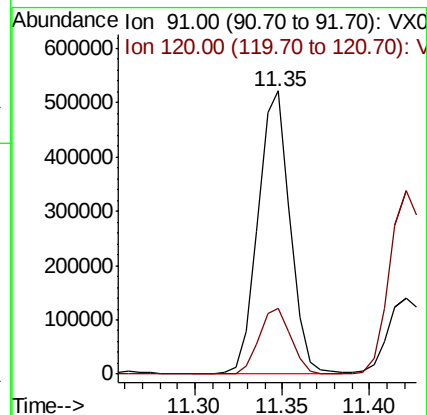
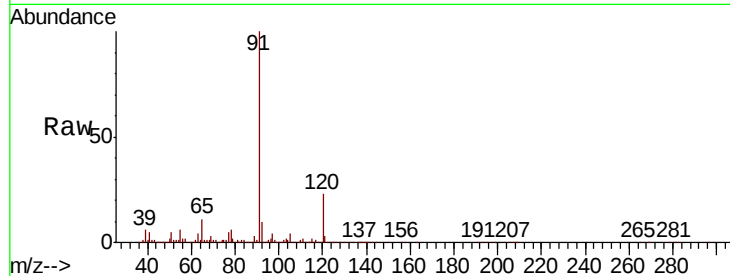
SB-5-16.5-17.0ME

Tot Ion: 91 Resp: 658607

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



#79

2-Chlorotoluene

Concen: 18.354 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX018454.D

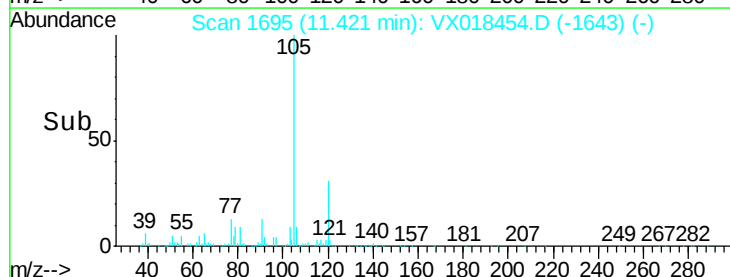
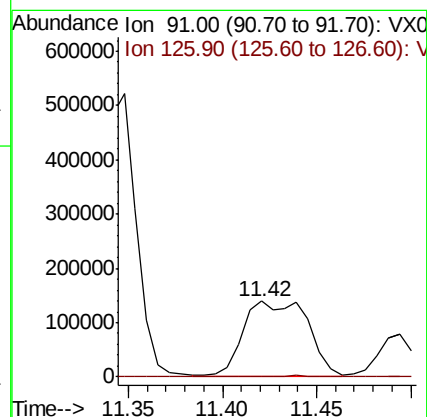
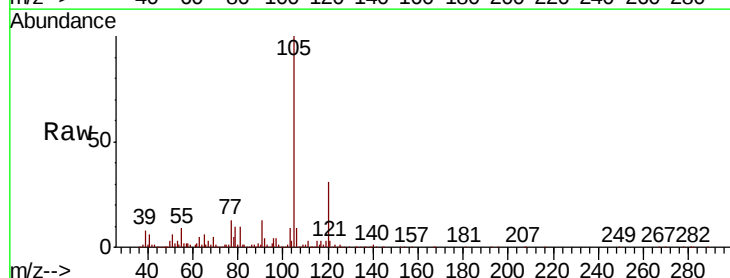
Acq: 16 Sep 2020 20:38

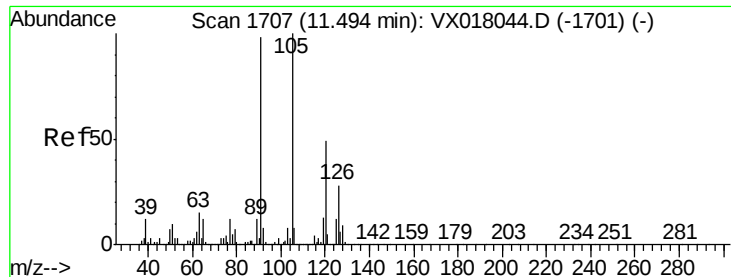
Tgt Ion: 91 Resp: 325446

Ion Ratio Lower Upper

91 100

126 0.8 17.4 52.2#

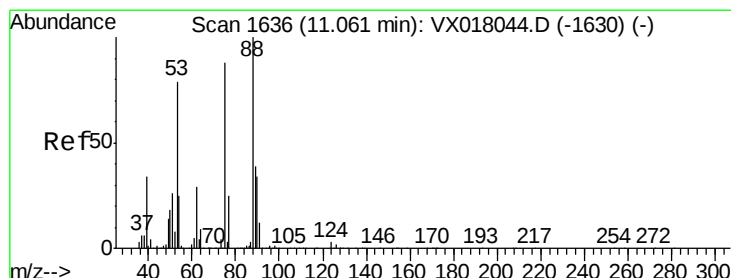
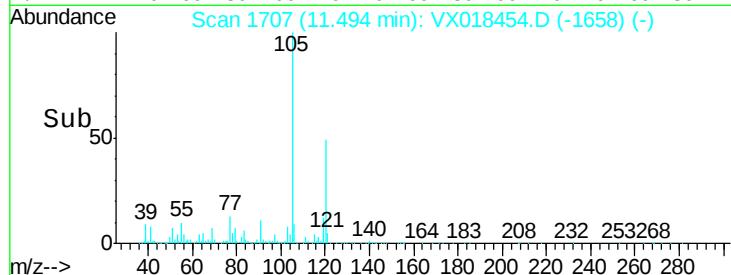
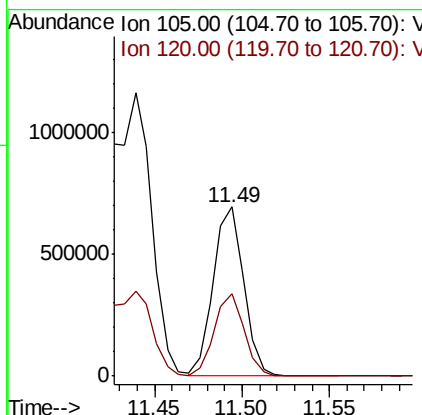
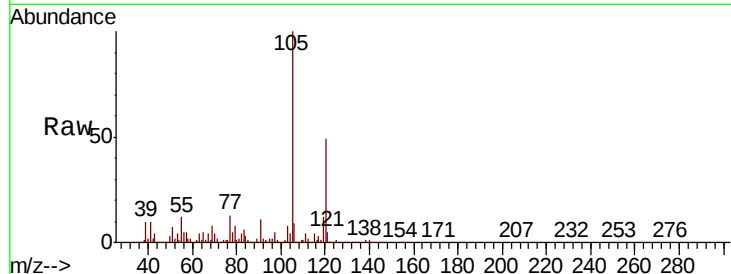




#80
 1,3,5-Trimethylbenzene
 Concen: 40.403 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

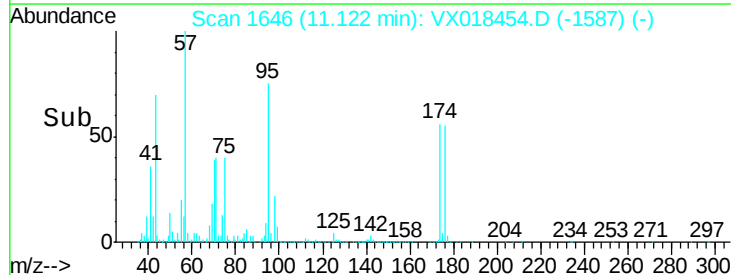
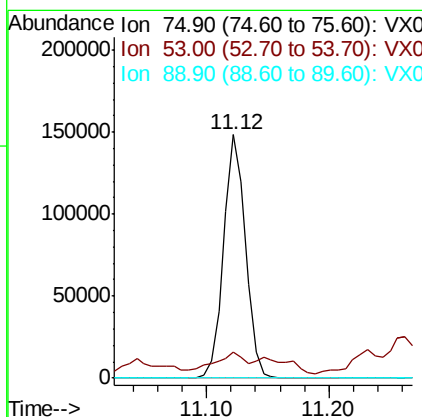
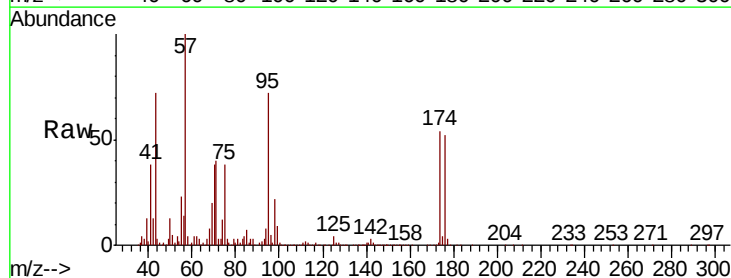
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0ME

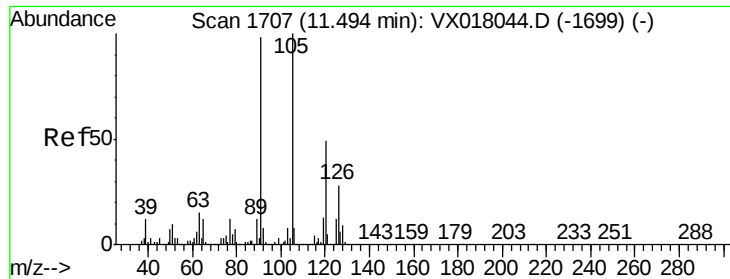
Tot Ion:105 Resp: 839218
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.177 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

Tgt Ion: 75 Resp: 183623
 Ion Ratio Lower Upper
 75 100
 53 9.0 74.7 112.1#
 89 0.0 36.6 54.8#

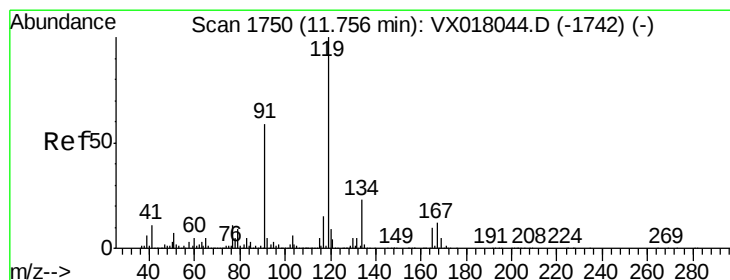
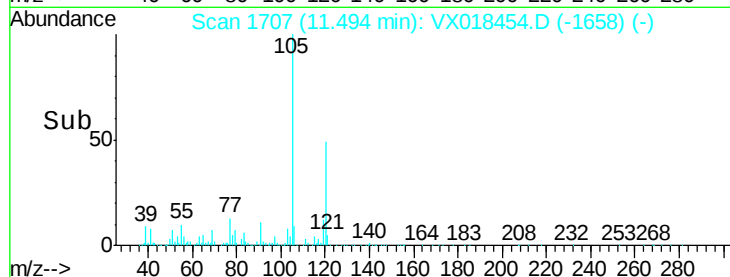
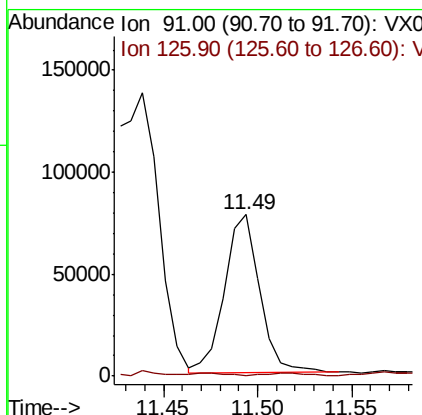
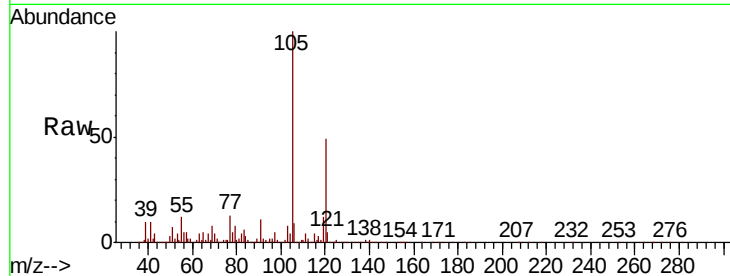




#82
4-Chlorotoluene
Concen: 4.793 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

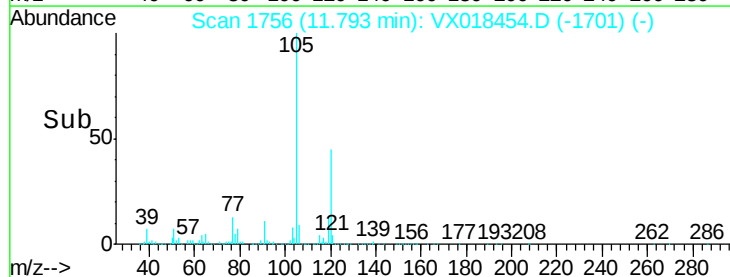
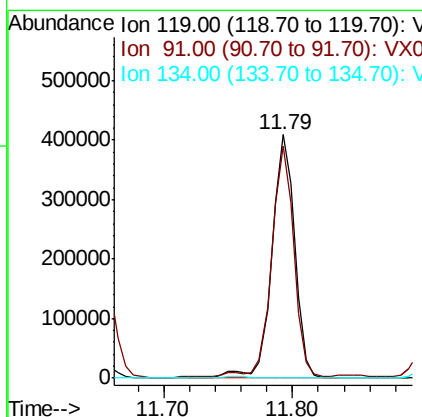
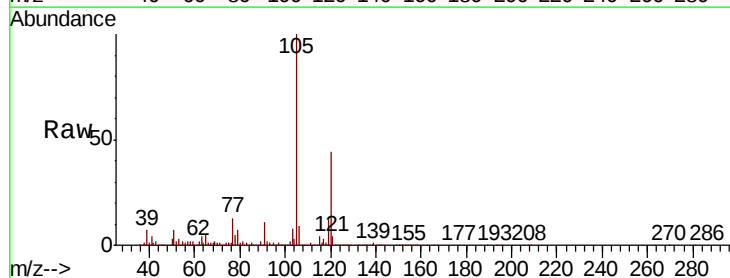
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

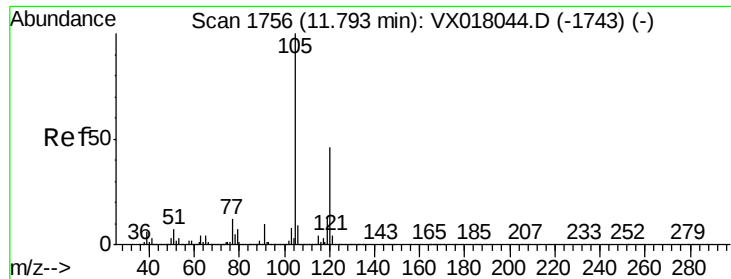
Tot Ion: 91 Resp: 101033
Ion Ratio Lower Upper
91 100
126 0.0 15.1 45.3#



#83
tert-Butylbenzene
Concen: 24.873 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.04 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion: 119 Resp: 509848
Ion Ratio Lower Upper
119 100
91 93.2 28.2 84.7#
134 0.0 11.3 33.8#

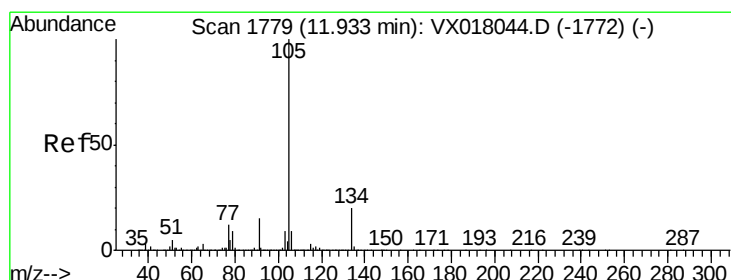
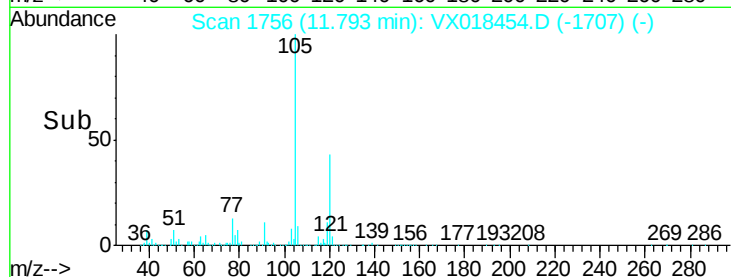
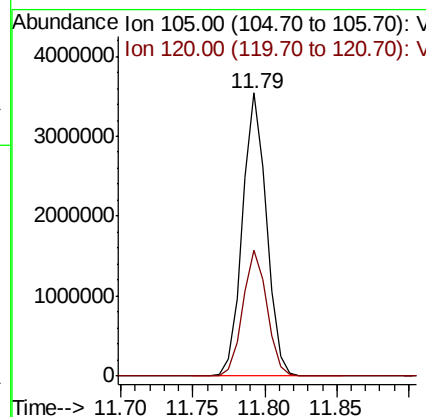
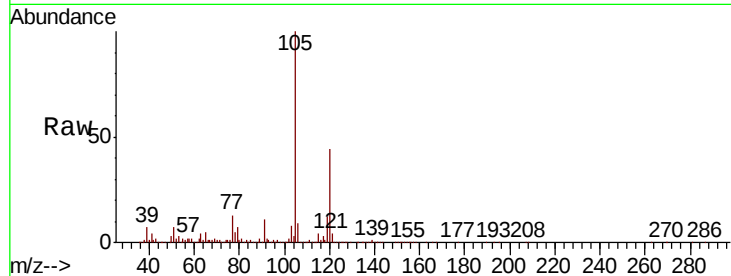




#84
 1,2,4-Trimethylbenzene
 Concen: 193.087 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

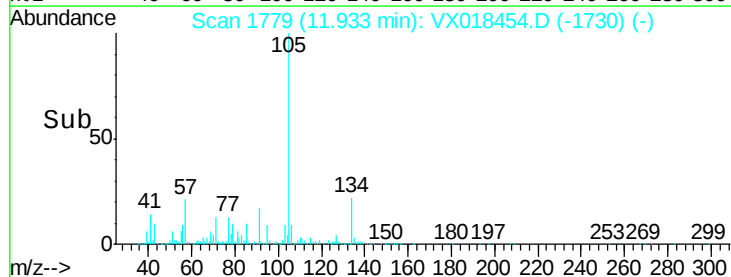
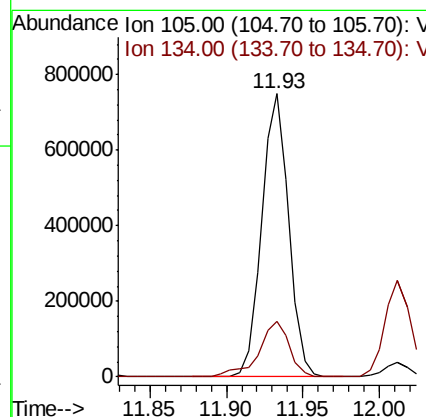
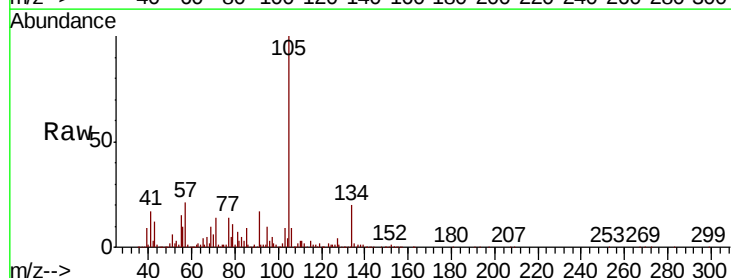
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0ME

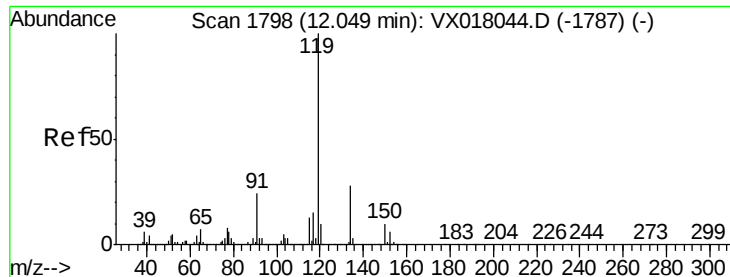
Tot Ion:105 Resp: 4100433
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 39.321 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

Tgt Ion:105 Resp: 916605
 Ion Ratio Lower Upper
 105 100
 134 22.7 10.1 30.3

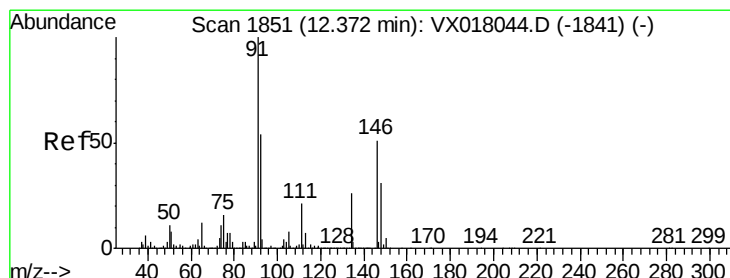
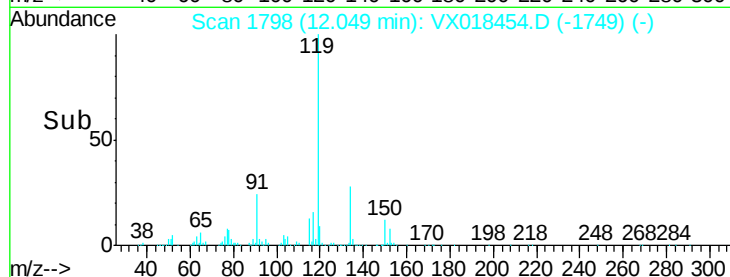
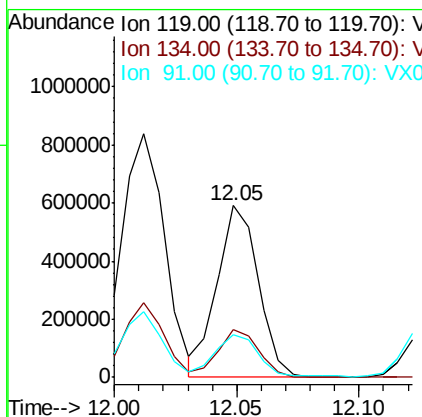
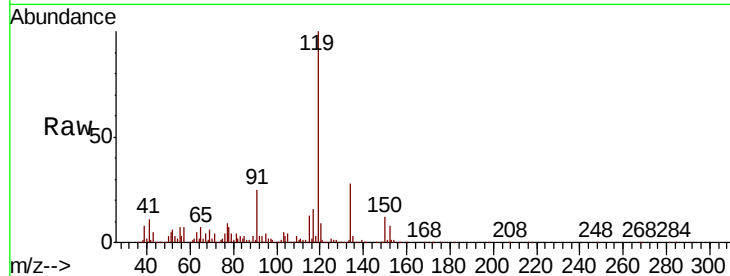




#86
p-Isopropyltoluene
Concen: 32.288 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

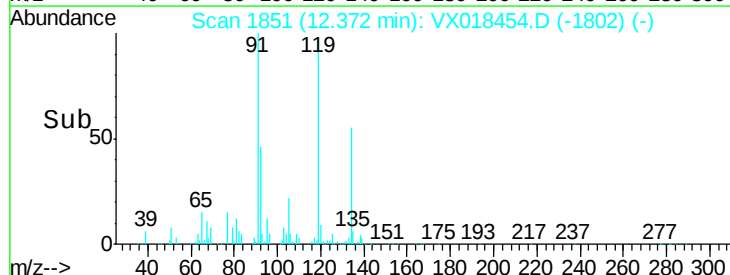
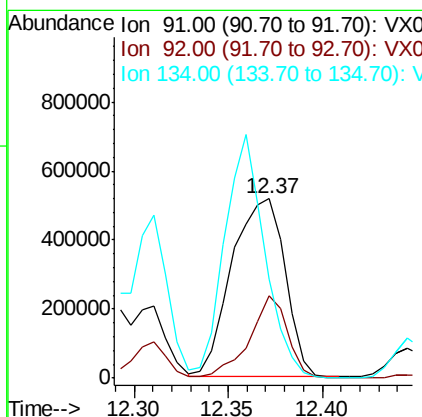
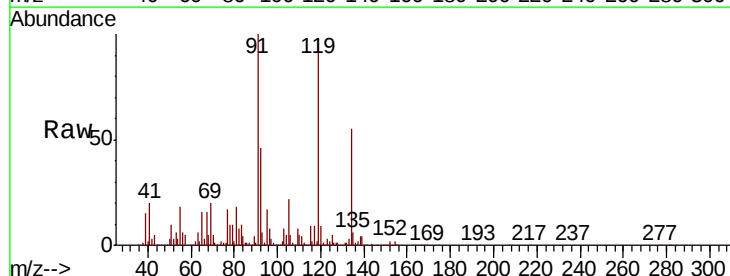
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

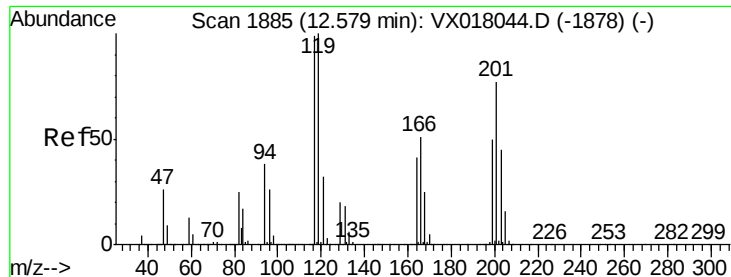
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.2	39.5
91	25.3	11.8	35.4



#89
n-Butylbenzene
Concen: 51.766 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	32.9	26.4	79.2
134	102.9	12.9	38.7#





#90

Hexachloroethane

Concen: 42.617 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

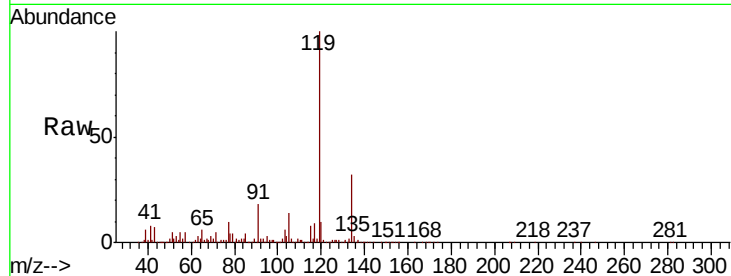
SB-5-16.5-17.0ME

Tot Ion:117 Resp: 179537

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.3#

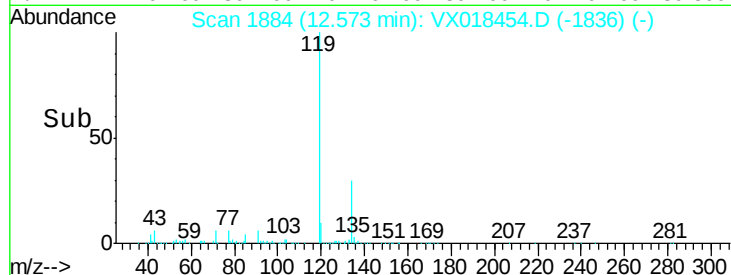


Abundance Ion 116.80 (116.50 to 117.50): V

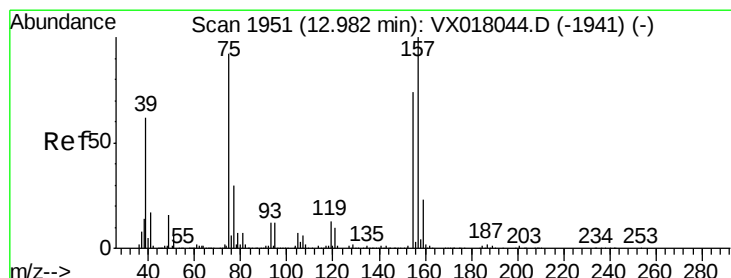
Ion 200.70 (200.40 to 201.40): V

12.57

12.60



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.794 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

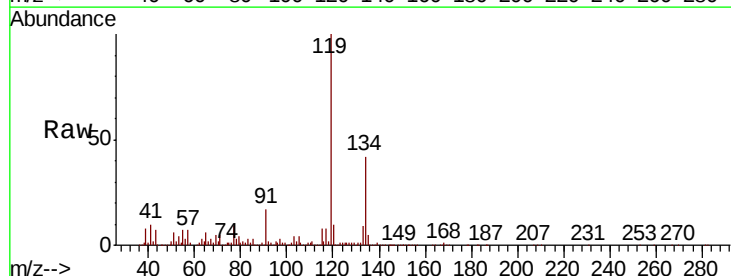
Tgt Ion: 75 Resp: 17377

Ion Ratio Lower Upper

75 100

155 22.9 40.2 120.6#

157 0.0 55.0 165.2#



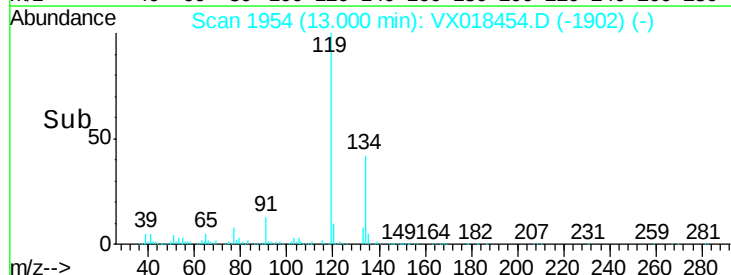
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

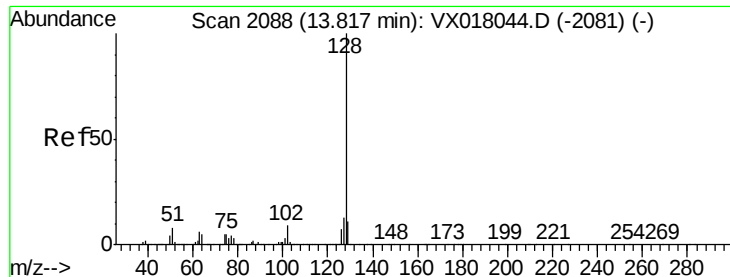
Ion 156.80 (156.50 to 157.50): V

13.00

13.05



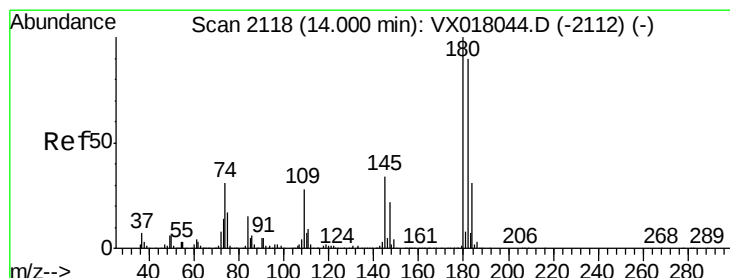
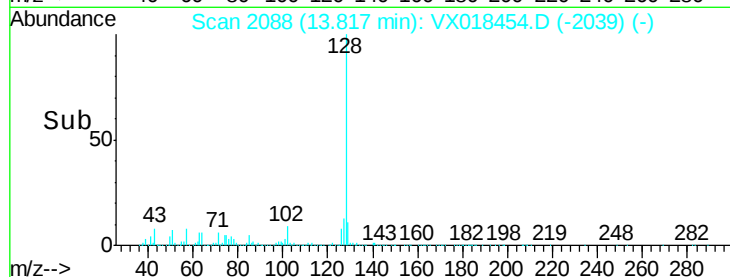
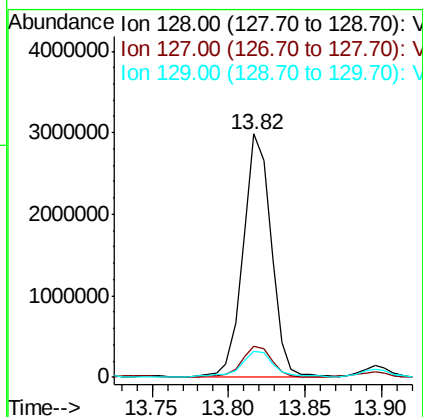
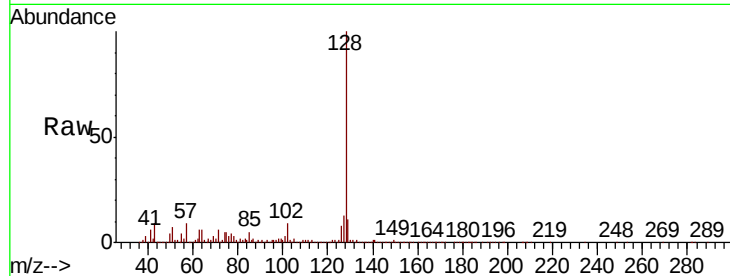
Time-->



#95
Naphthalene
Concen: 148.993 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

Tot Ion:128 Resp: 3775680
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 12.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.152 ug/l
RT: 14.02 min Scan# 2122
Delta R.T. 0.02 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion:180 Resp: 16374
Ion Ratio Lower Upper
180 100
182 29.9 47.3 142.0#
145 2133.0 17.5 52.6#

