

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018347.D
 Acq On : 10 Sep 2020 18:19
 Operator : JC/SP
 Sample : L3952-10 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16718

Quant Time: Sep 11 06:55:46 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	5.64	168	469768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	748235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	711602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	377683	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	325273	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.47	113	245425	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	8.70	98	885628	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.12	95	366501	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1235	0.205	ug/l #	82
8) Diethyl Ether	2.17	74	1329	0.479	ug/l #	1
10) Methyl Iodide	2.50	142	407	5.363	ug/l #	69
11) Tert butyl alcohol	3.01	59	9991	7.879	ug/l	96
13) Acrolein	2.29	56	232	0.441	ug/l #	14
16) Acetone	2.42	43	105989	41.708	ug/l	92
18) Methyl Acetate	2.75	43	2343	0.382	ug/l #	70
19) Methyl tert-butyl Ether	3.17	73	32368	2.056	ug/l	92
20) Methylene Chloride	2.84	84	2544	Below Cal	#	92
22) Diisopropyl ether	3.83	45	45464	2.793	ug/l #	86
23) Vinyl Acetate	3.82	43	25686	1.773	ug/l #	73
25) 2-Butanone	4.64	43	53696	12.857	ug/l	92
29) Tetrahydrofuran	5.12	42	931	0.350	ug/l #	32
31) Cyclohexane	5.56	56	5380	0.689	ug/l #	81
36) 1,1-Dichloropropene	5.64	75	36240	5.251	ug/l #	53
37) Ethyl Acetate	4.80	43	187530	23.396	ug/l	98
38) Carbon Tetrachloride	5.63	117	48293	6.209	ug/l #	18
39) Methylcyclohexane	7.44	83	2296	0.304	ug/l #	73
40) Benzene	6.12	78	1498685	73.904	ug/l	98
42) 1,2-Dichloroethane	6.12	62	16077	2.069	ug/l	76
49) 1,4-Dioxane	7.70	88	42	0.360	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	2151	0.269	ug/l	96
52) Toluene	8.77	92	1636248	127.248	ug/l	97
53) t-1,3-Dichloropropene	8.77	75	21490	2.527	ug/l #	1
59) 2-Hexanone	9.60	43	127169	20.913	ug/l #	37
67) Ethyl Benzene	10.24	91	206456	8.542	ug/l	99
68) m/p-Xylenes	10.34	106	304736	33.780	ug/l	99
69) o-Xylene	10.68	106	149385	17.082	ug/l	97
70) Styrene	10.69	104	11149	0.749	ug/l #	1
73) Isopropylbenzene	11.00	105	7730	0.310	ug/l	91
76) 1,2,3-Trichloropropane	11.12	75	190281	22.648	ug/l #	36
78) n-propylbenzene	11.34	91	20673	0.731	ug/l	99
79) 2-Chlorotoluene	11.41	91	13682	0.783	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.49	105	30509	1.490	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

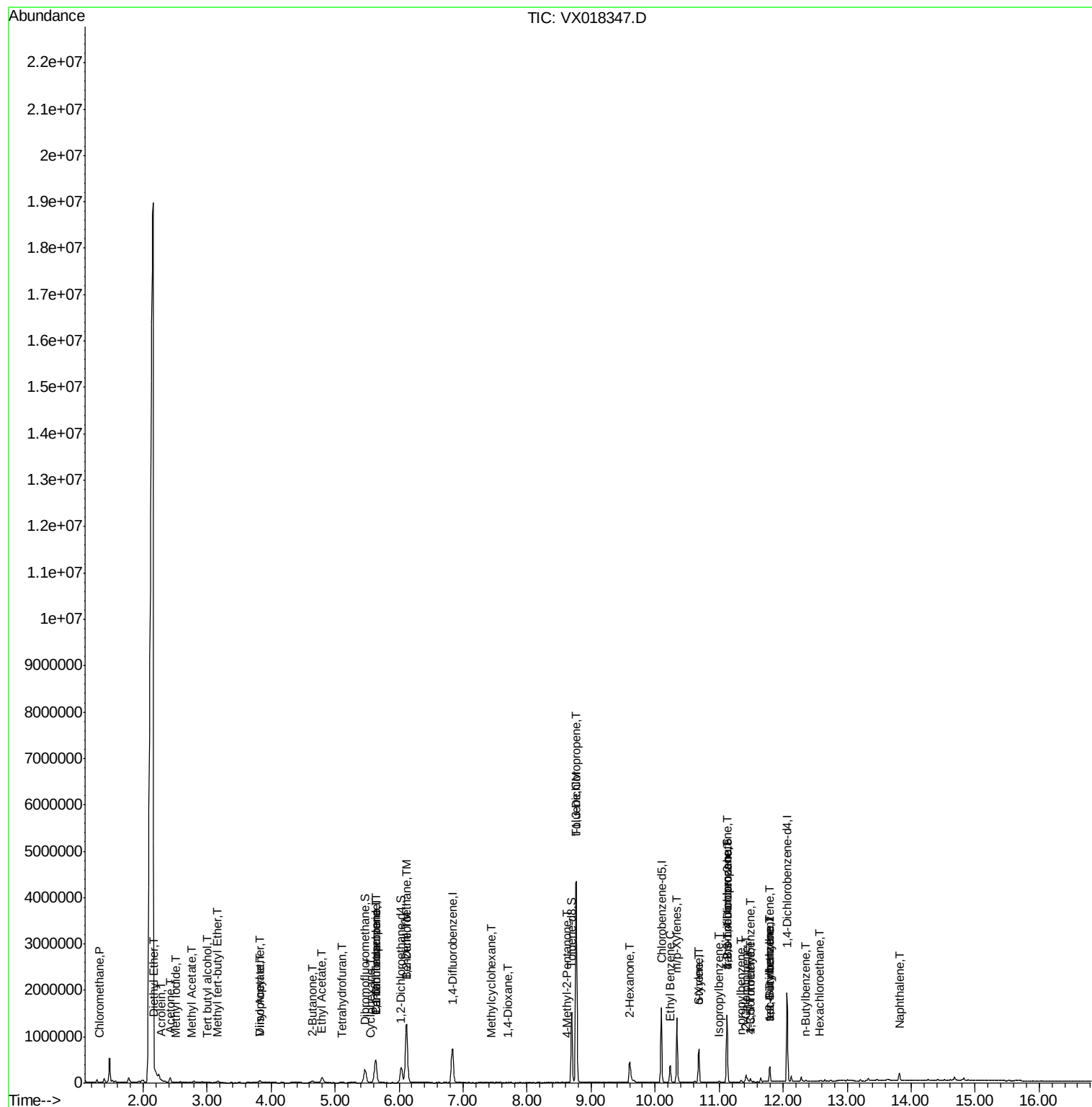
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.12	75	190281	61.168	ug/l #	12
82) 4-Chlorotoluene	11.49	91	4328	0.208	ug/l #	51
83) tert-Butylbenzene	11.79	119	20113	0.996	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.79	105	141207	6.747	ug/l	98
85) sec-Butylbenzene	11.79	105	141207	6.146	ug/l #	57
89) n-Butylbenzene	12.35	91	5220	0.271	ug/l #	36
90) Hexachloroethane	12.57	117	1595	0.384	ug/l #	39
95) Naphthalene	13.82	128	98742	3.953	ug/l	97

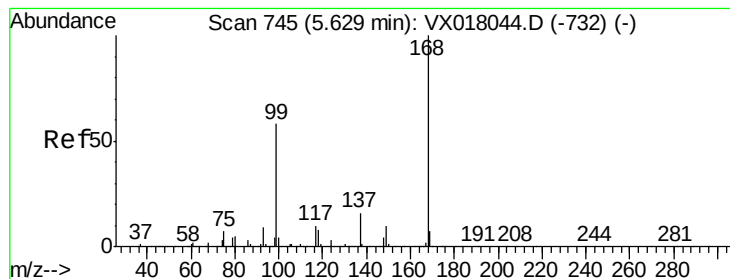
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

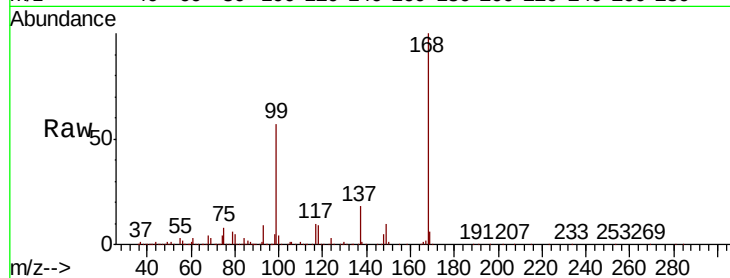
16718

Tot Ion:168 Resp: 469768

Ion Ratio Lower Upper

168 100

99 56.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

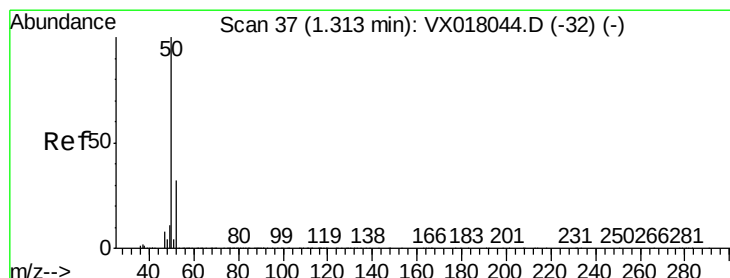
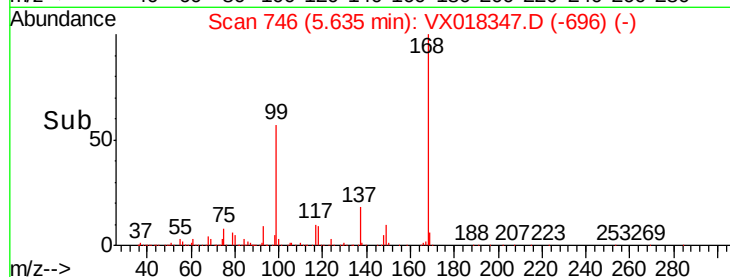
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.205 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018347.D

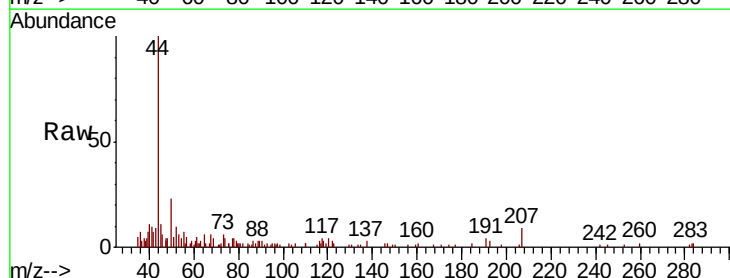
Acq: 10 Sep 2020 18:19

Tgt Ion: 50 Resp: 1235

Ion Ratio Lower Upper

50 100

52 41.7 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

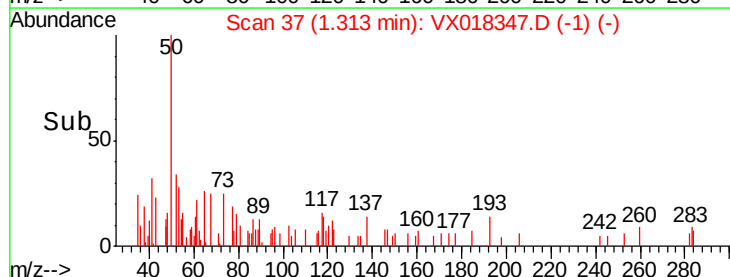
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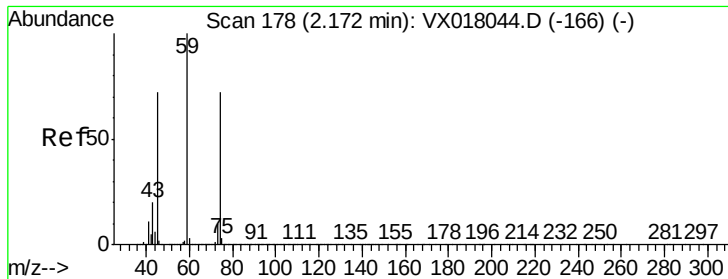
400

200

0

Time-->





#8

Diethyl Ether

Concen: 0.479 ug/l

RT: 2.17 min Scan# 178

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

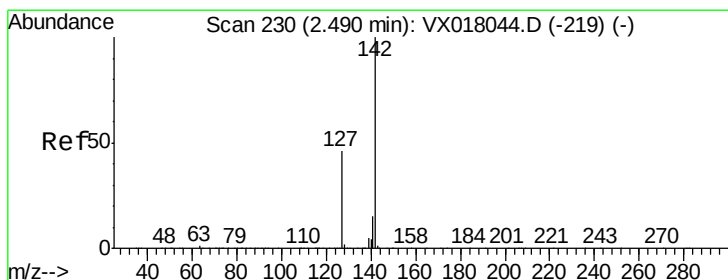
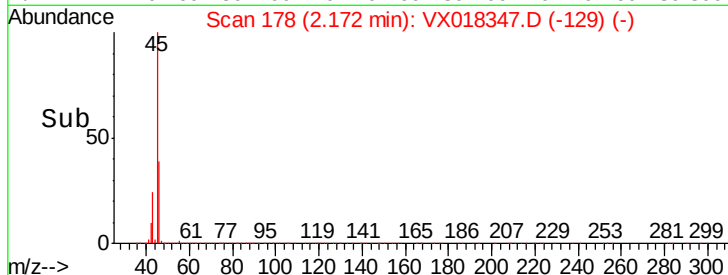
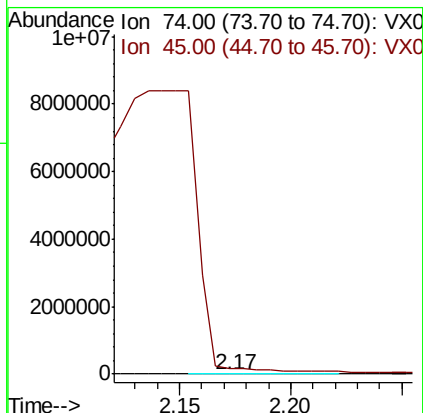
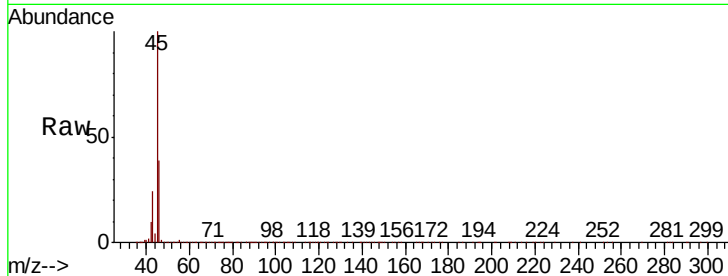
16718

Tot Ion: 74 Resp: 1329

Ion Ratio Lower Upper

74 100

45 0.0 50.7 152.3#



#10

Methyl Iodide

Concen: 5.363 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

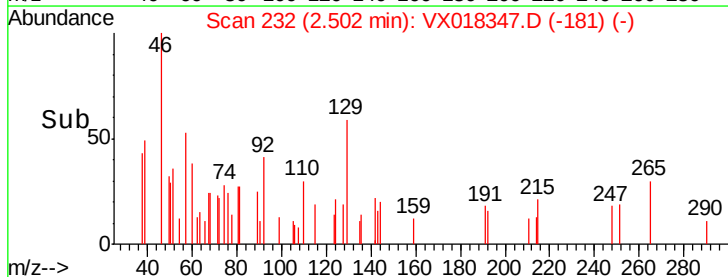
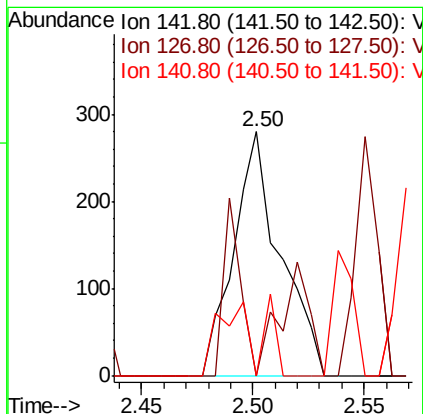
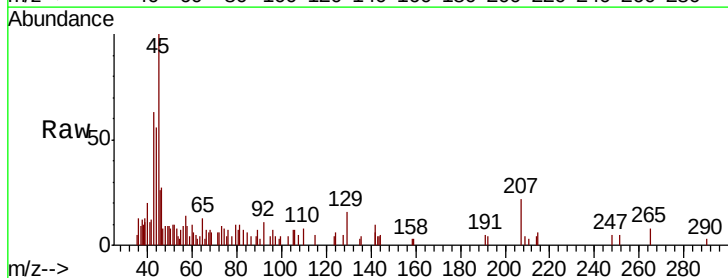
Tgt Ion: 142 Resp: 407

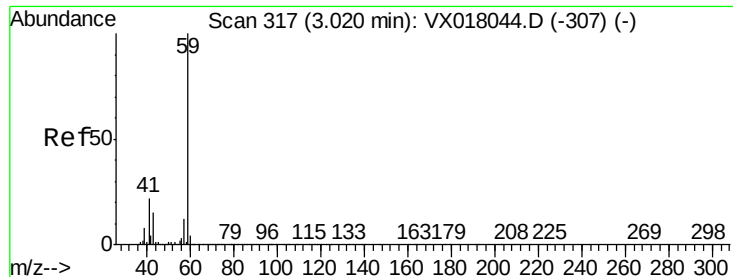
Ion Ratio Lower Upper

142 100

127 25.8 37.0 55.6#

141 27.5 11.5 17.3#

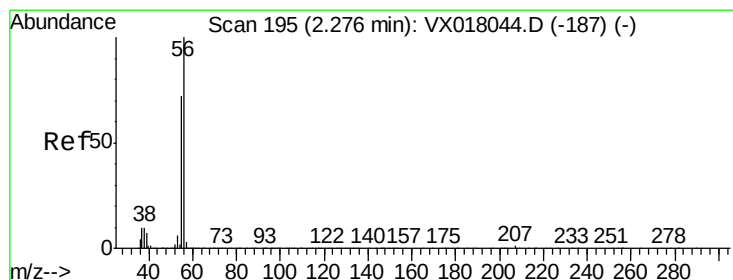
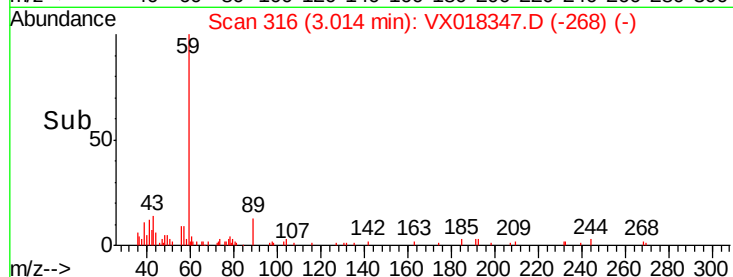
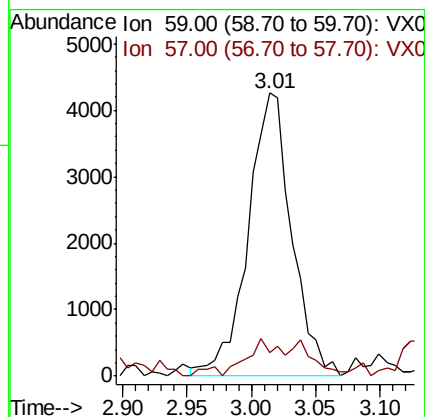
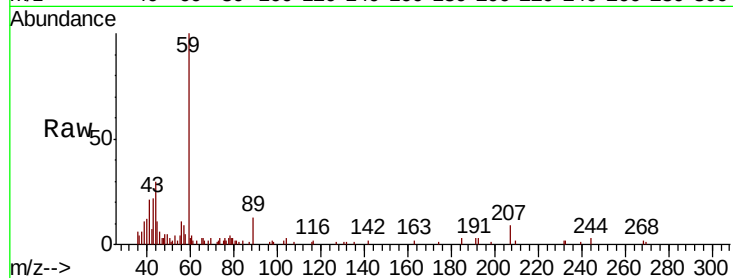




#11
Tert butyl alcohol
Concen: 7.879 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

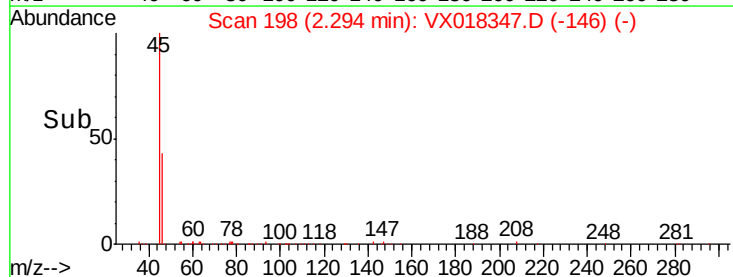
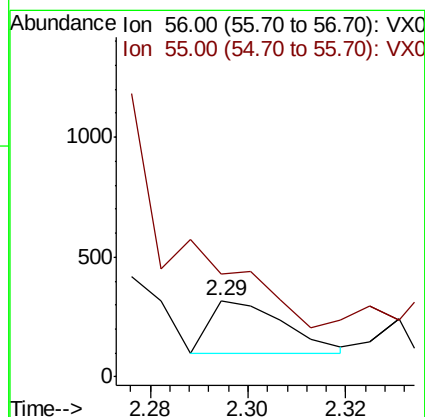
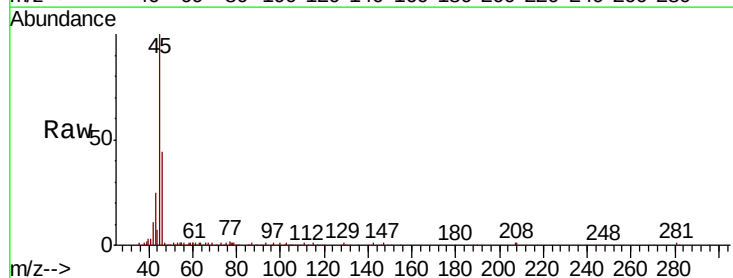
Instrument :
MSVOA_X
ClientSampleId :
16718

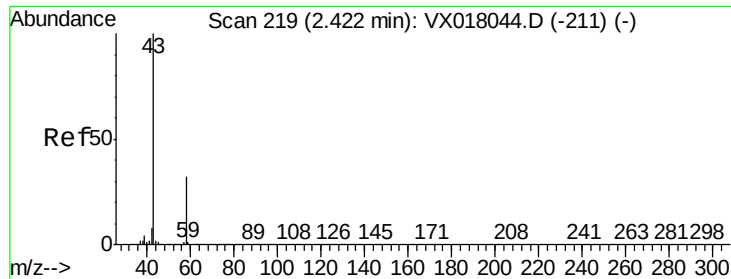
Tot Ion: 59 Resp: 9991
Ion Ratio Lower Upper
59 100
57 9.6 8.9 13.3



#13
Acrolein
Concen: 0.441 ug/l
RT: 2.29 min Scan# 198
Delta R.T. 0.02 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion: 56 Resp: 232
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#





#16

Acetone

Concen: 41.708 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

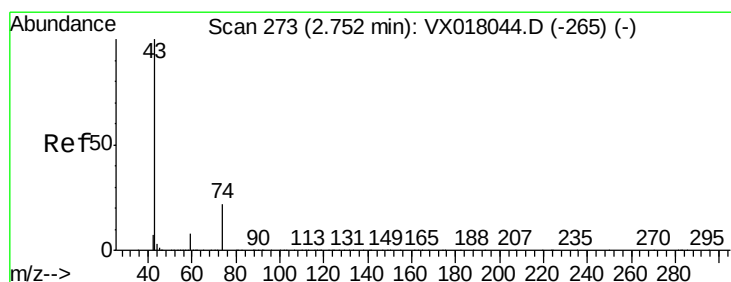
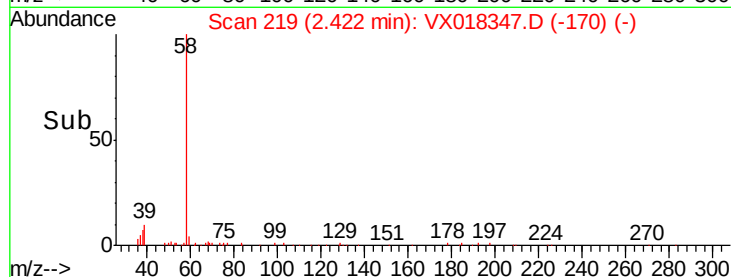
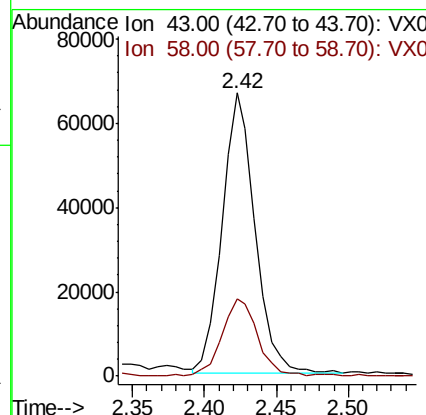
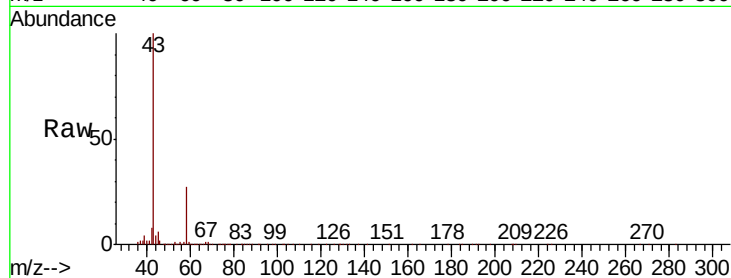
16718

Tot Ion: 43 Resp: 105989

Ion Ratio Lower Upper

43 100

58 27.3 25.5 38.3



#18

Methyl Acetate

Concen: 0.382 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018347.D

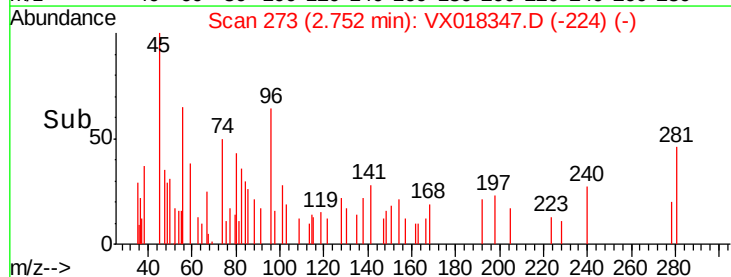
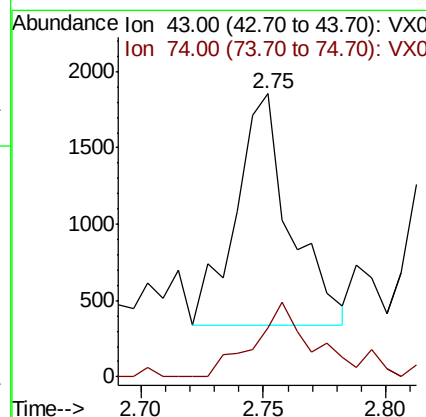
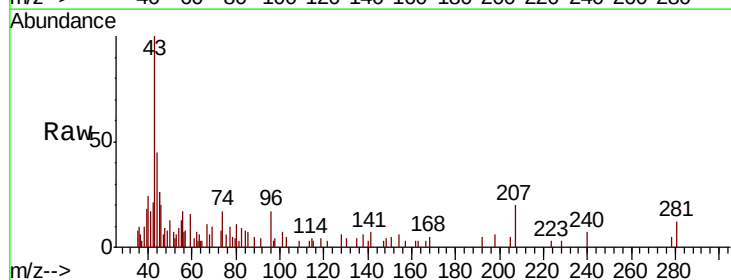
Acq: 10 Sep 2020 18:19

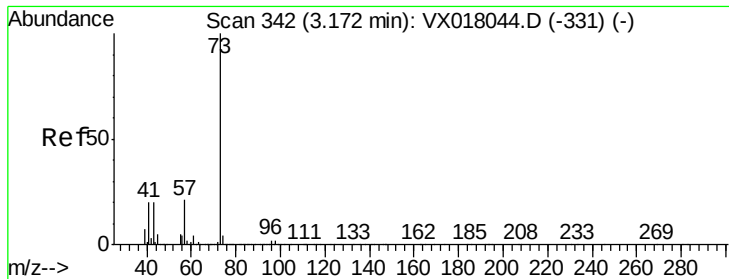
Tgt Ion: 43 Resp: 2343

Ion Ratio Lower Upper

43 100

74 37.4 18.2 27.4#





#19

Methyl tert-butyl Ether

Concen: 2.056 ug/l

RT: 3.17 min Scan# 342

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

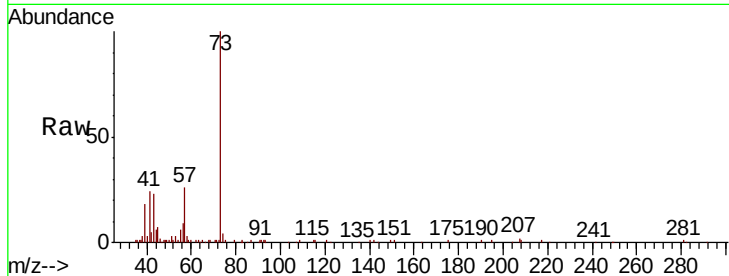
16718

Tot Ion: 73 Resp: 32368

Ion Ratio Lower Upper

73 100

57 24.7 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

15000

10000

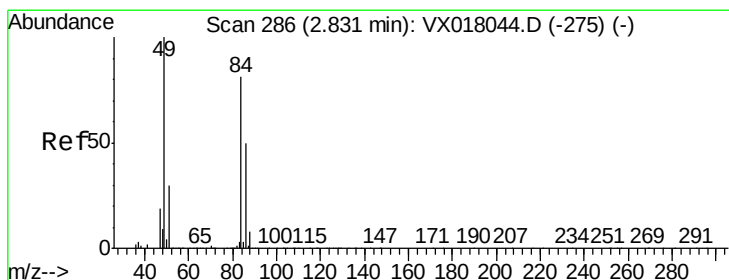
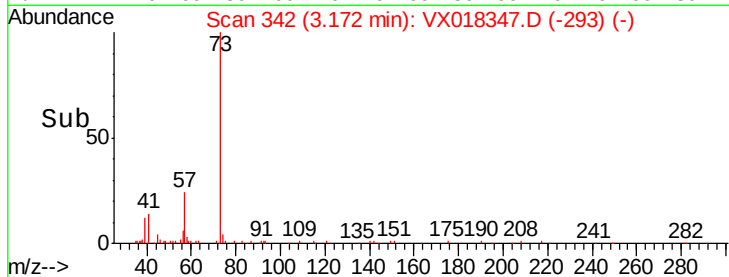
5000

0

Time-->

3.10 3.20

3.17



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Tgt Ion: 84 Resp: 2544

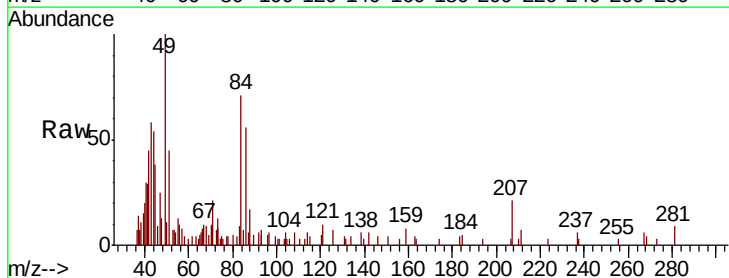
Ion Ratio Lower Upper

84 100

49 125.3 98.6 148.0

51 44.1 29.6 44.4

86 77.1 49.8 74.6#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

3000

2000

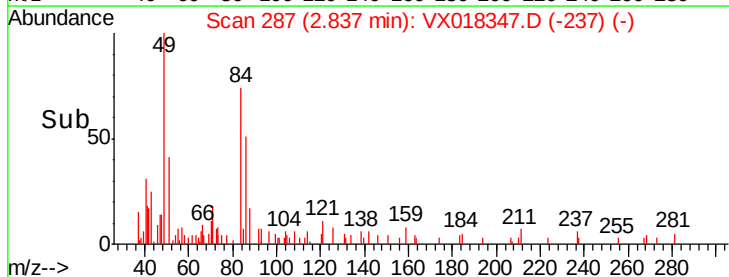
1000

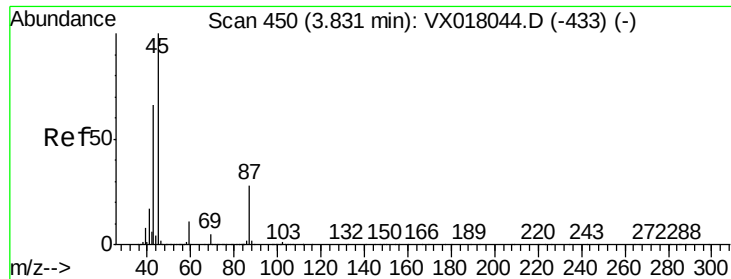
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Time-->

2.80 2.85

2.84

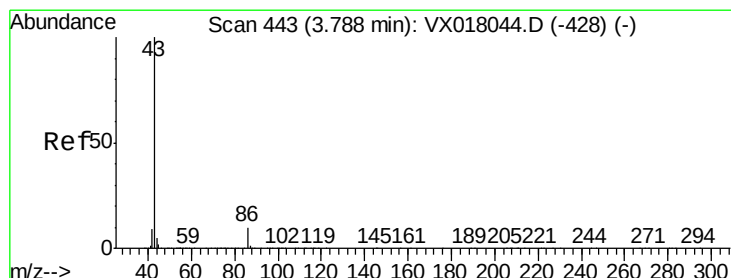
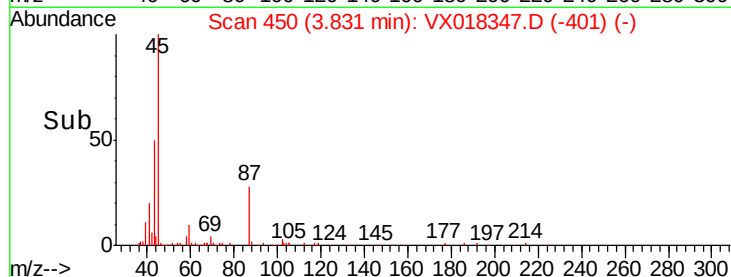
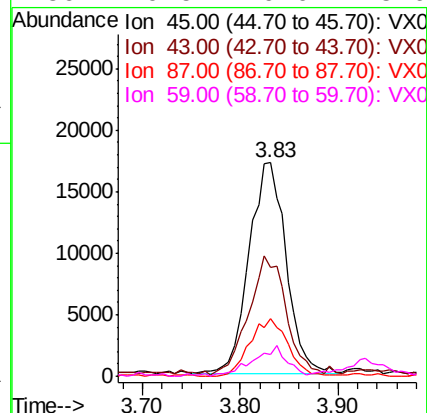
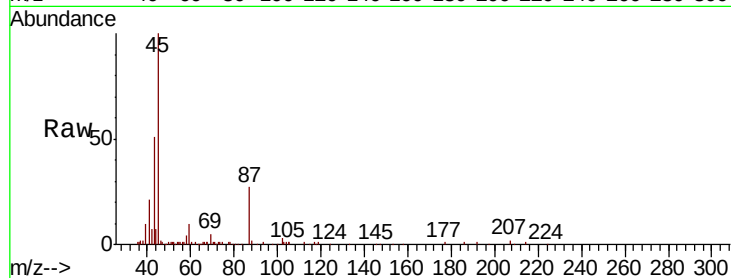




#22
Diisopropyl ether
Concen: 2.793 ug/l
RT: 3.83 min Scan# 450
Delta R.T. -0.00 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

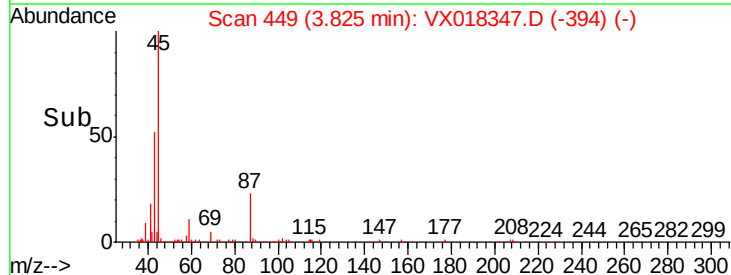
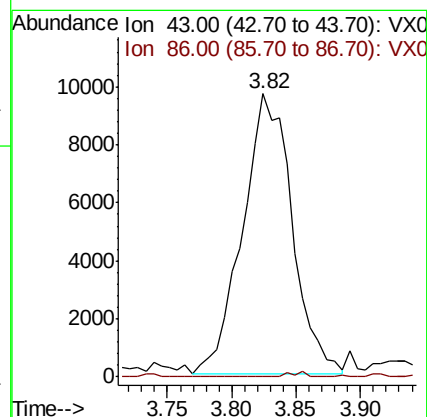
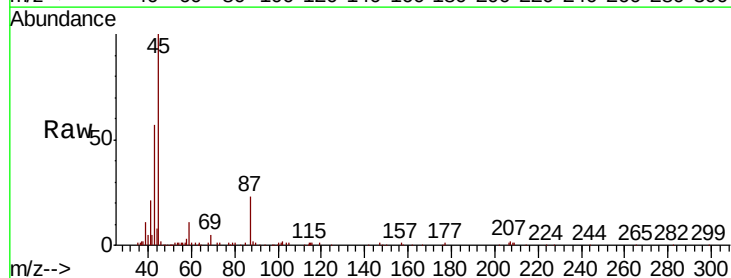
Instrument :
MSVOA_X
ClientSampleId :
16718

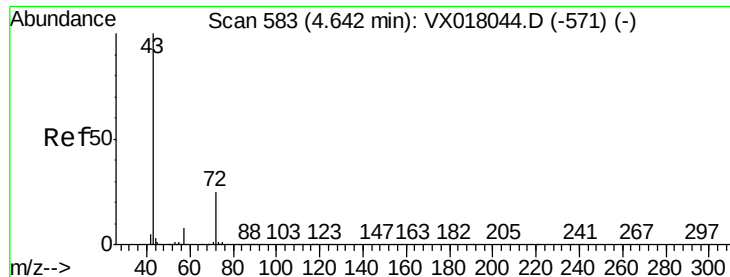
Tot Ion:	45	Resp:	45464
Ion	Ratio	Lower	Upper
45	100		
43	50.2	52.8	79.2#
87	26.9	22.5	33.7
59	9.5	9.0	13.6



#23
Vinyl Acetate
Concen: 1.773 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.04 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion:	43	Resp:	25686
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.9	11.9#





#25

2-Butanone

Concen: 12.857 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampled :

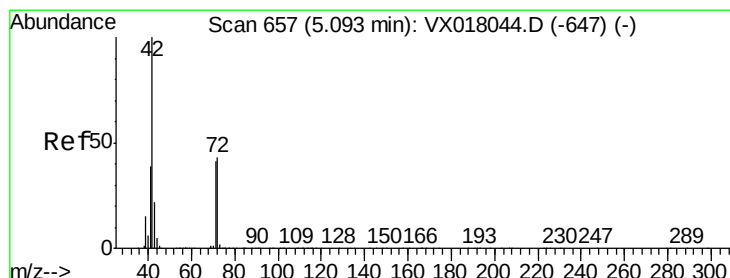
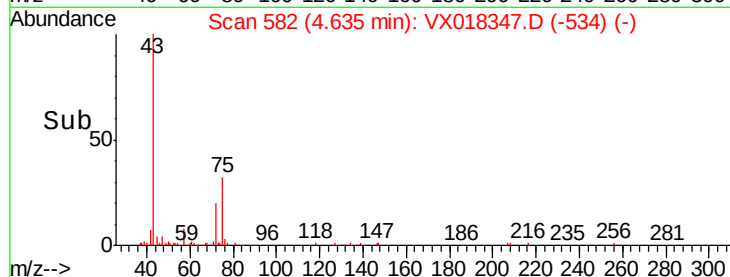
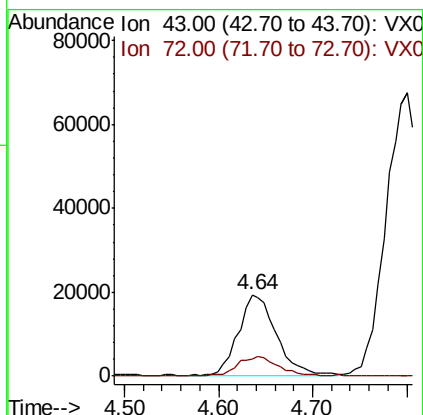
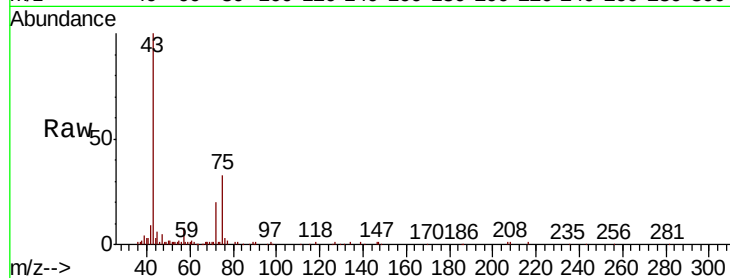
16718

Tot Ion: 43 Resp: 53696

Ion Ratio Lower Upper

43 100

72 20.5 19.8 29.6



#29

Tetrahydrofuran

Concen: 0.350 ug/l

RT: 5.12 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

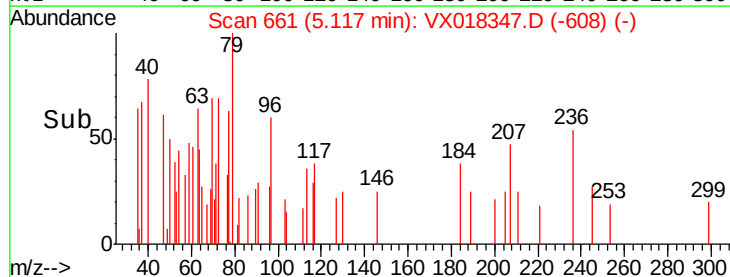
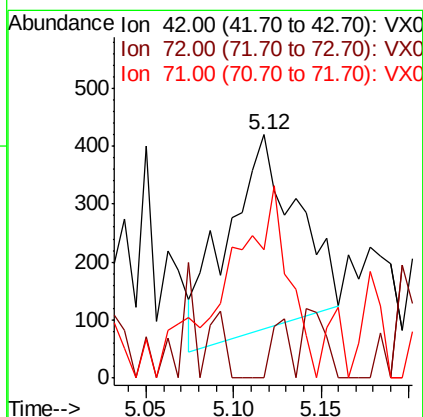
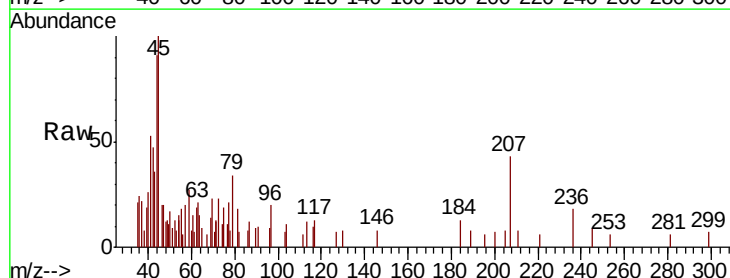
Tgt Ion: 42 Resp: 931

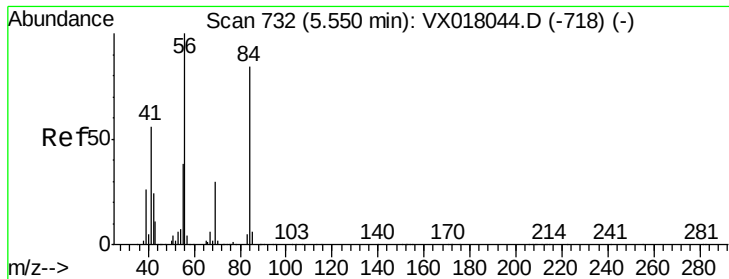
Ion Ratio Lower Upper

42 100

72 7.5 34.2 51.4#

71 91.1 32.1 48.1#





#31

Cyclohexane

Concen: 0.689 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

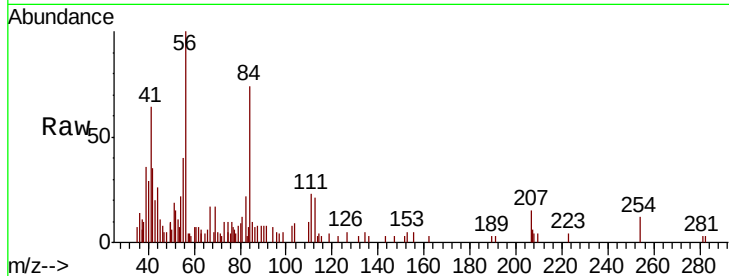
Tot Ion: 56 Resp: 5380

Ion Ratio Lower Upper

56 100

69 13.6 23.9 35.9#

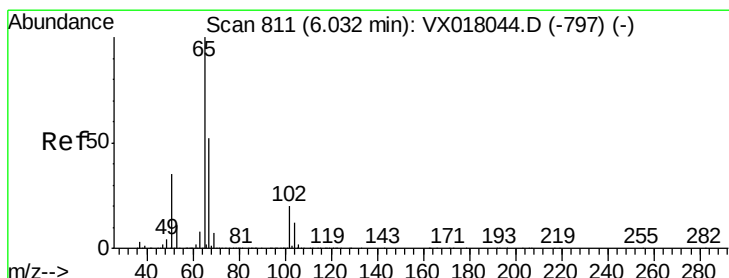
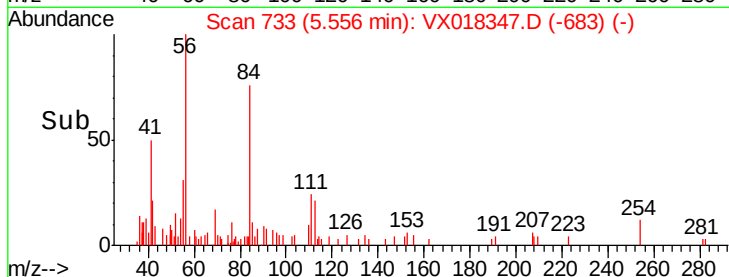
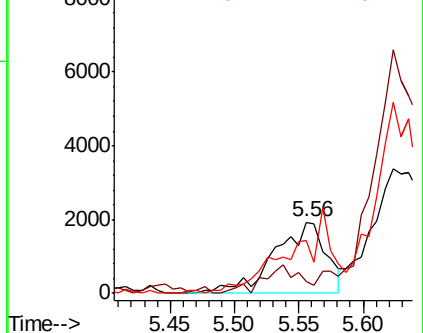
84 69.8 67.0 100.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.876 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018347.D

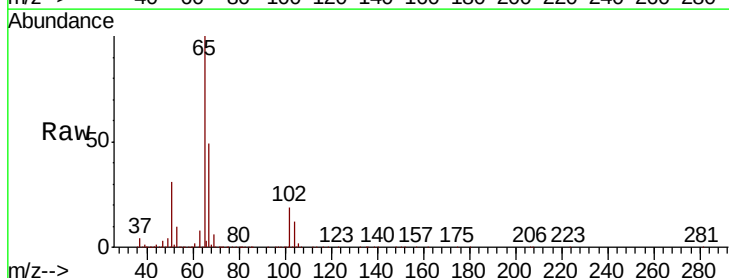
Acq: 10 Sep 2020 18:19

Tgt Ion: 65 Resp: 325273

Ion Ratio Lower Upper

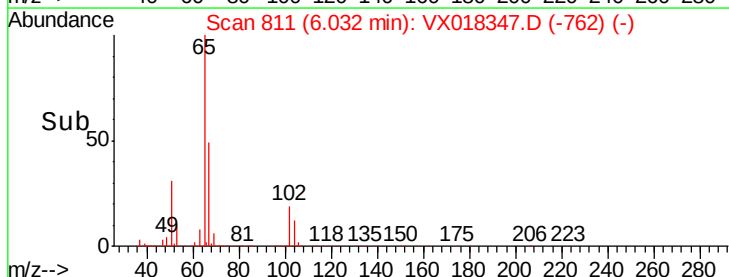
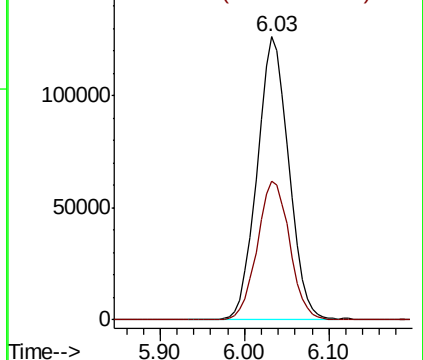
65 100

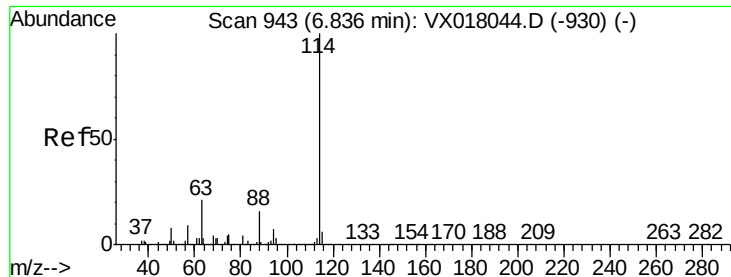
67 50.3 0.0 105.8



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: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

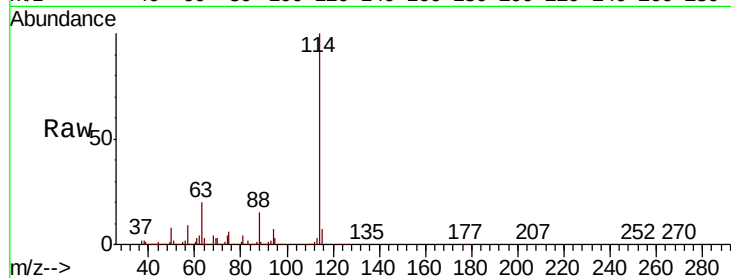
Tot Ion:114 Resp: 748235

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

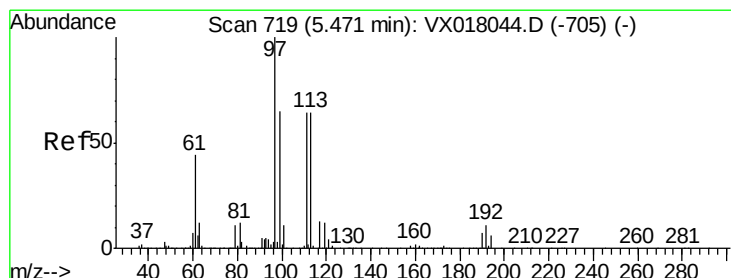
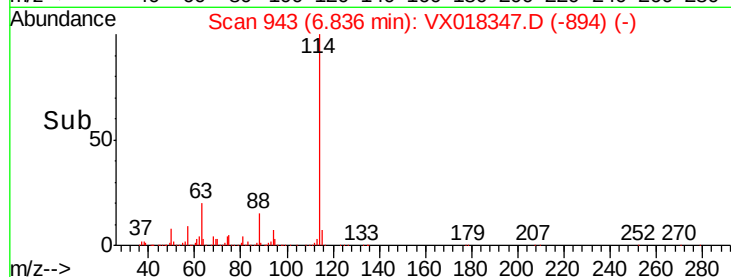
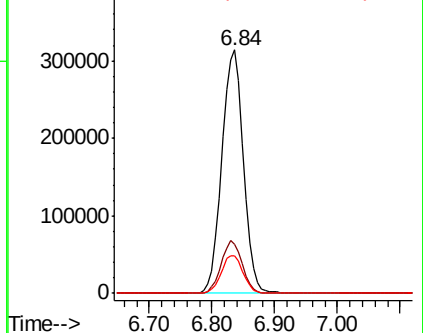
88 15.3 0.0 31.8



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: 48.162 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

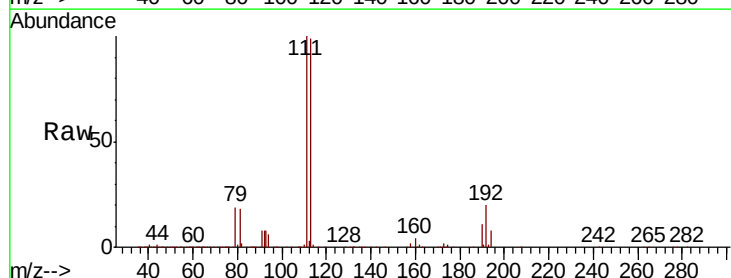
Tgt Ion:113 Resp: 245425

Ion Ratio Lower Upper

113 100

111 105.1 81.6 122.4

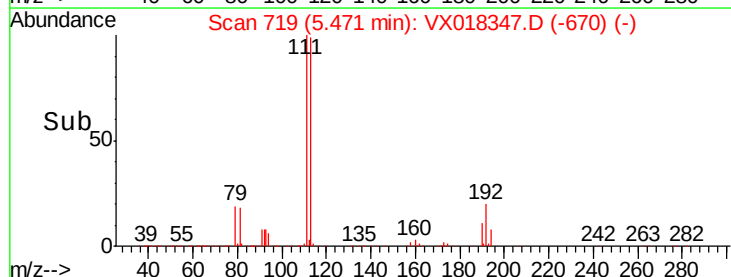
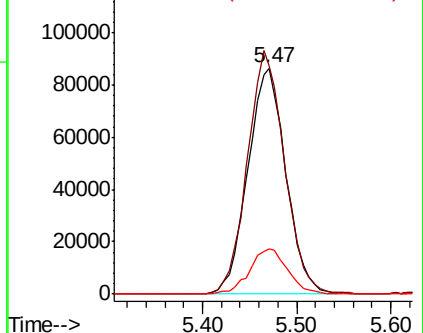
192 20.0 15.8 23.8

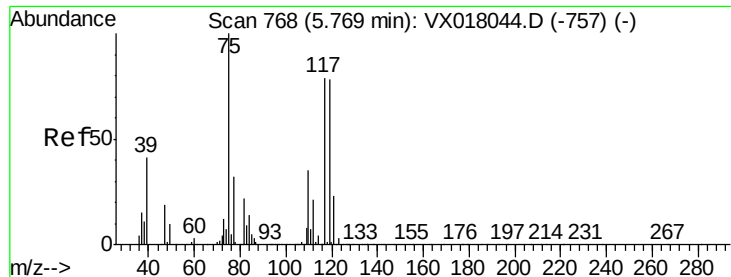


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

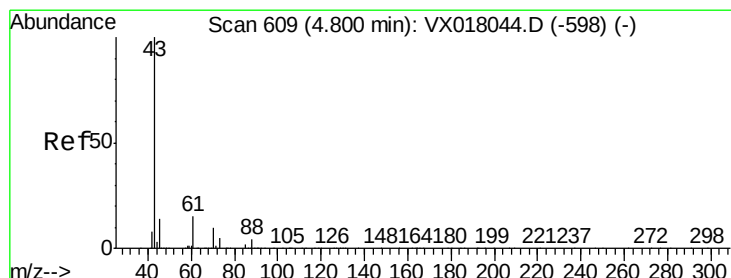
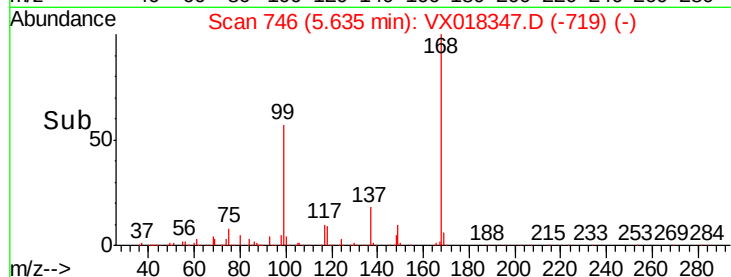
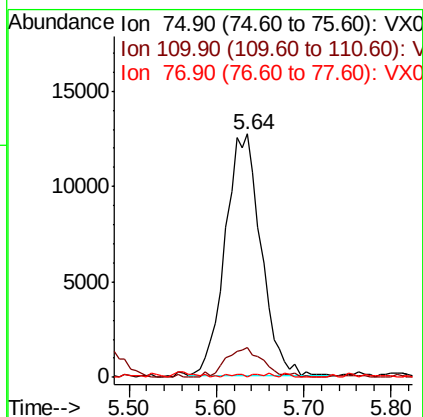
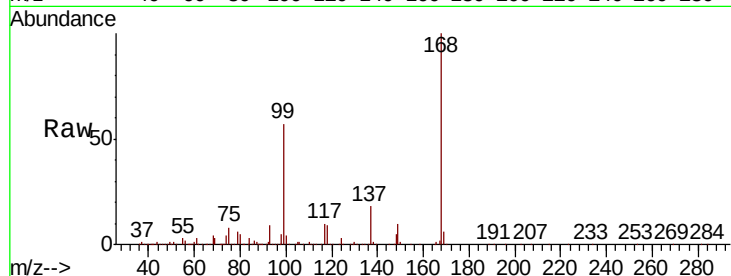




#36
 1,1-Dichloropropene
 Concen: 5.251 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX018347.D
 Acq: 10 Sep 2020 18:19

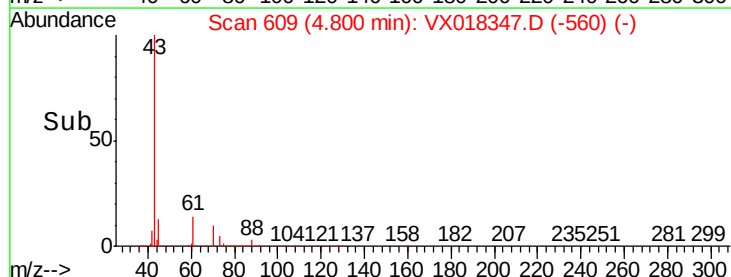
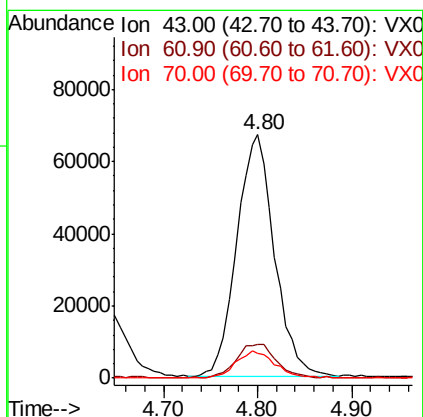
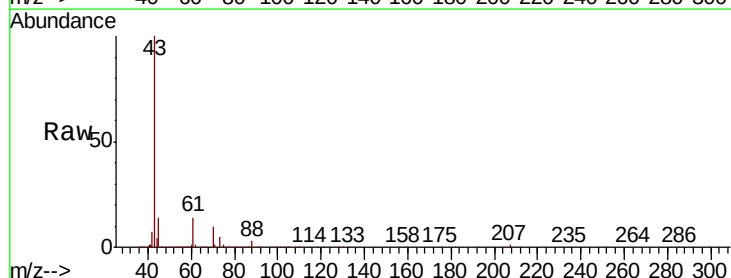
Instrument :
 MSVOA_X
 ClientSampleId :
 16718

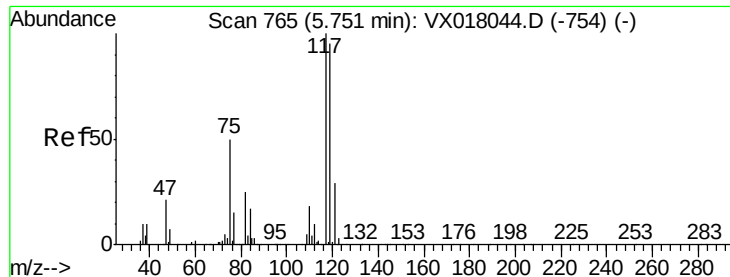
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.6	18.0	54.0#
77	0.6	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 23.396 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VX018347.D
 Acq: 10 Sep 2020 18:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	11.5	8.2	12.4





#38

Carbon Tetrachloride

Concen: 6.209 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

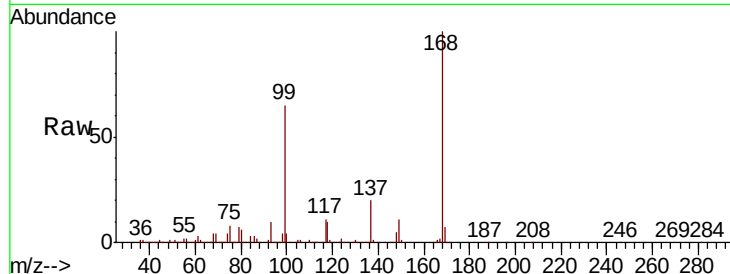
Tot Ion:117 Resp: 48293

Ion Ratio Lower Upper

117 100

119 7.2 75.8 113.6#

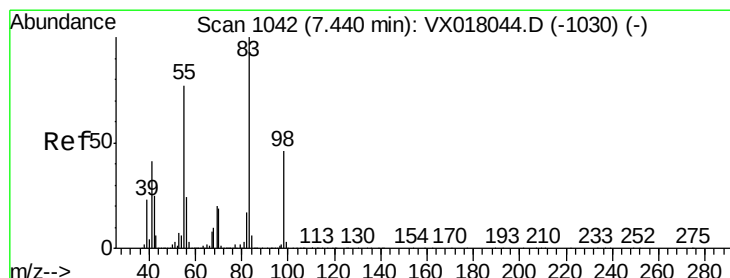
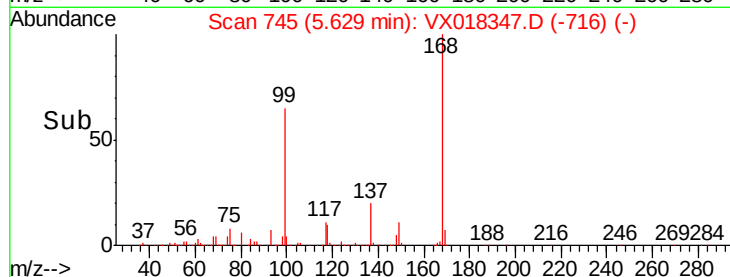
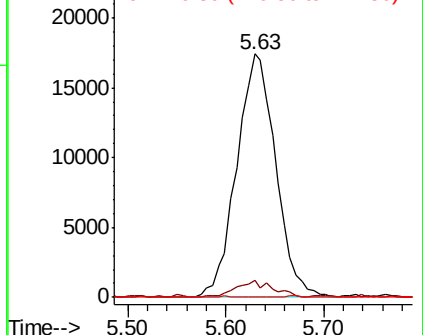
121 0.0 23.4 35.0#



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: 0.304 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

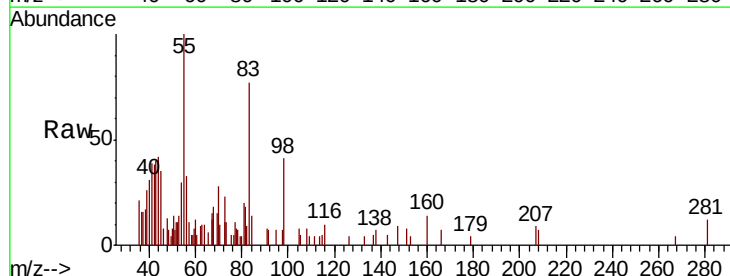
Tgt Ion: 83 Resp: 2296

Ion Ratio Lower Upper

83 100

55 109.1 61.8 92.6#

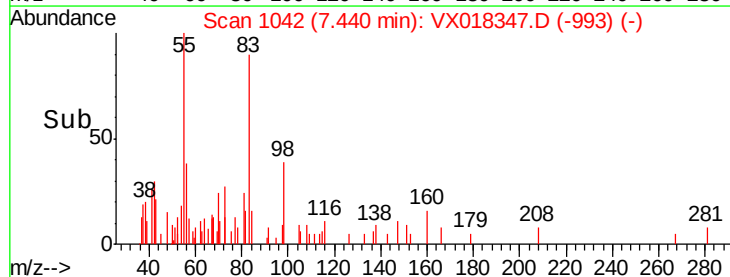
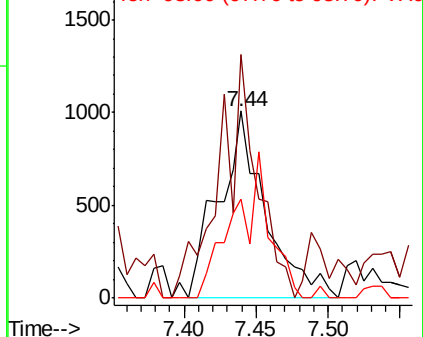
98 53.1 36.6 55.0

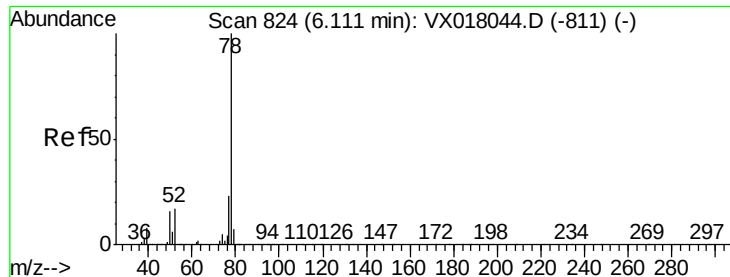


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 73.904 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

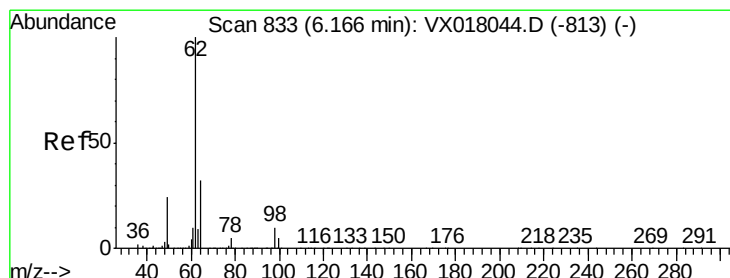
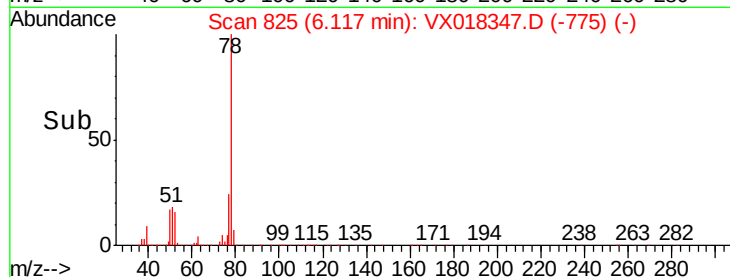
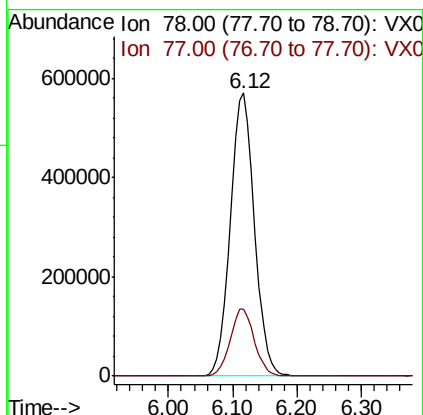
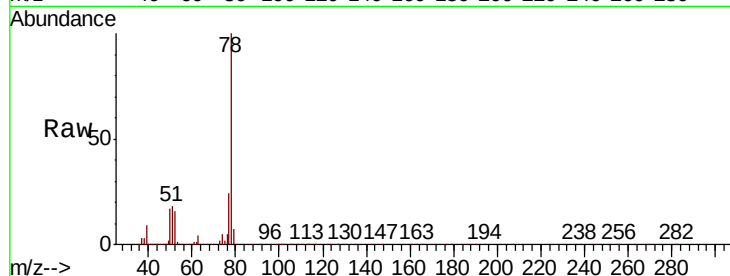
16718

Tot Ion: 78 Resp: 1498685

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.2



#42

1,2-Dichloroethane

Concen: 2.069 ug/l

RT: 6.12 min Scan# 826

Delta R.T. -0.04 min

Lab File: VX018347.D

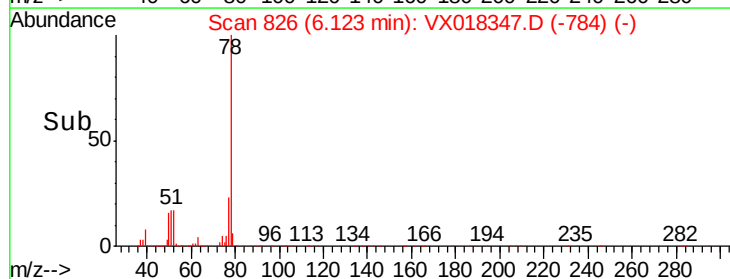
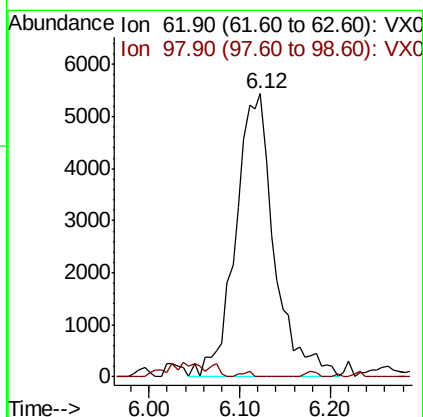
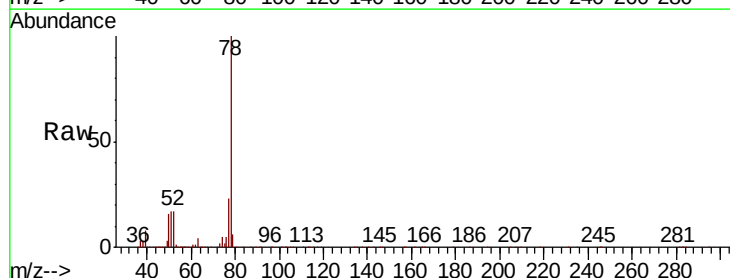
Acq: 10 Sep 2020 18:19

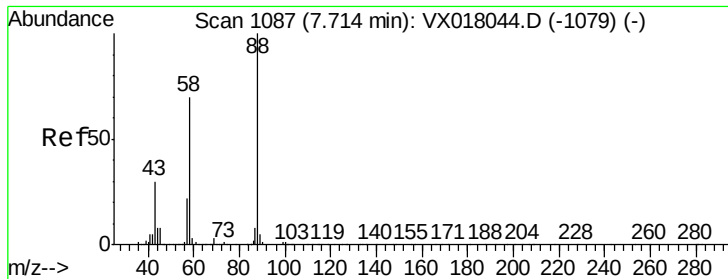
Tgt Ion: 62 Resp: 16077

Ion Ratio Lower Upper

62 100

98 0.5 0.0 18.2





#49

1,4-Dioxane

Concen: 0.360 ug/l

RT: 7.70 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampled :

16718

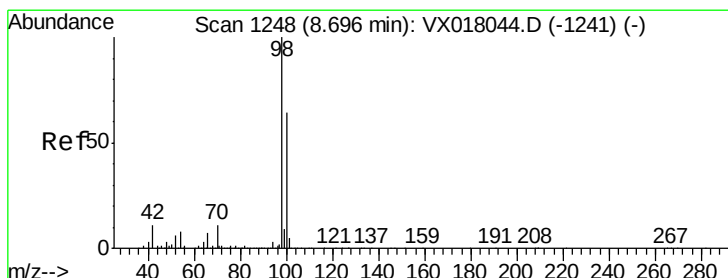
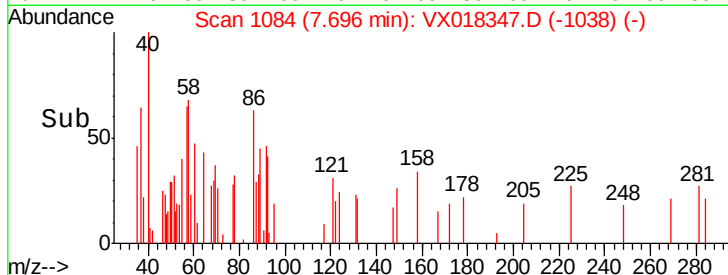
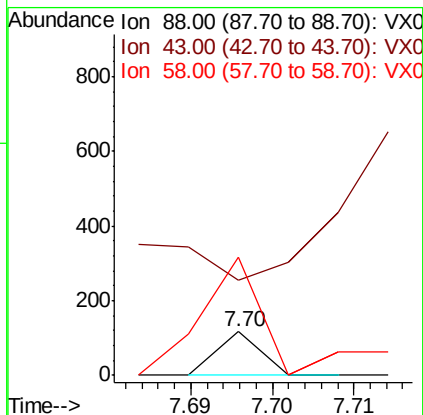
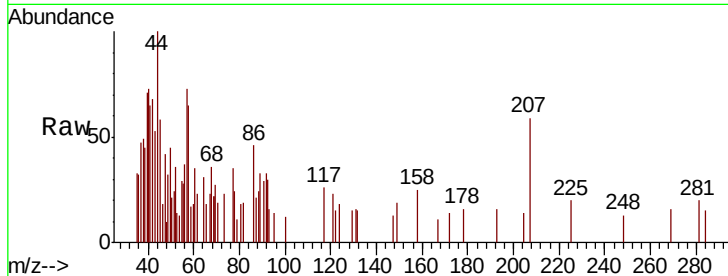
Tot Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 1223.8 27.4 41.0#

58 483.3 56.4 84.6#



#50

Toluene-d8

Concen: 46.662 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018347.D

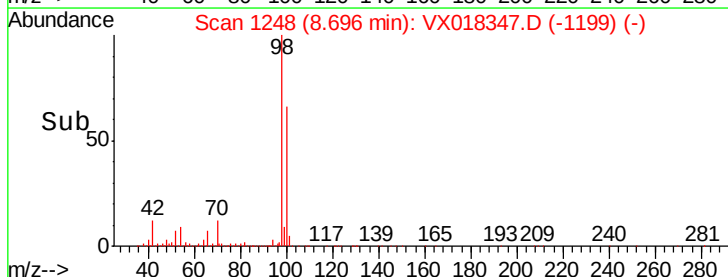
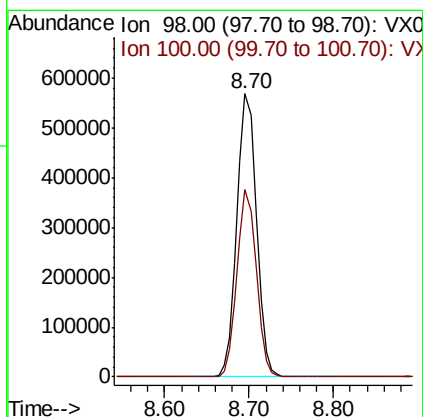
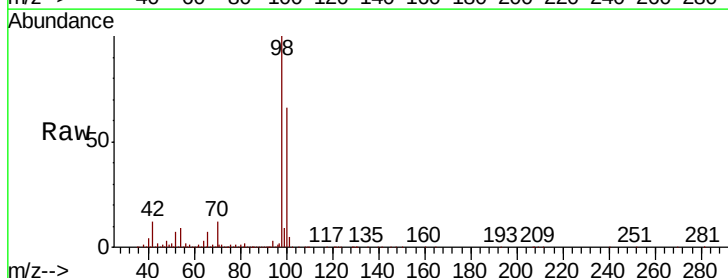
Acq: 10 Sep 2020 18:19

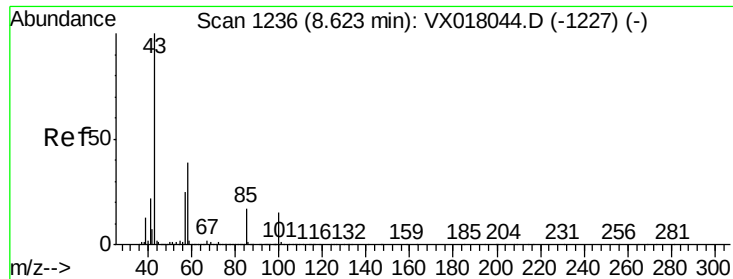
Tgt Ion: 98 Resp: 885628

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

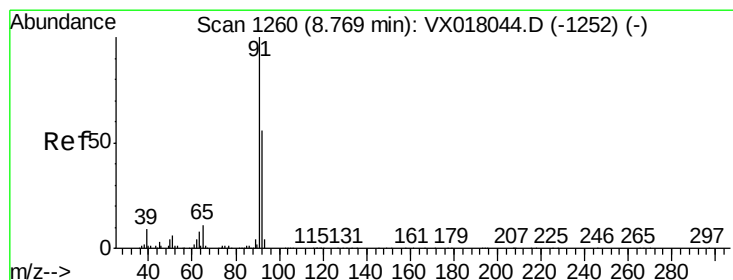
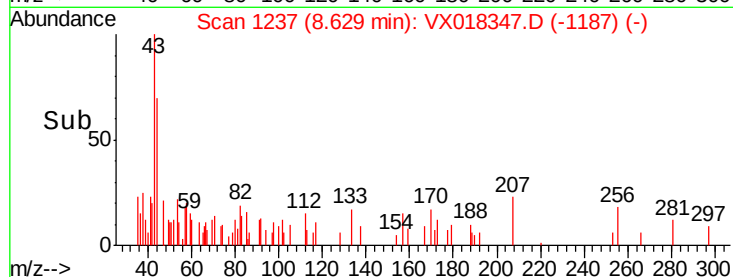
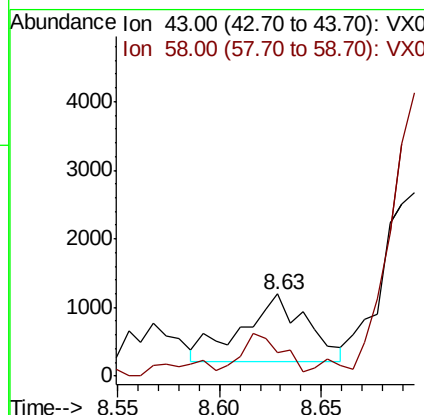
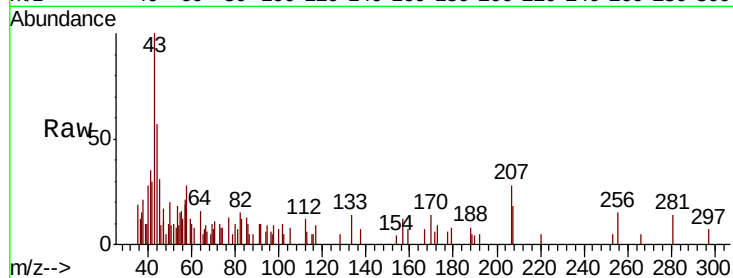




#51
 4-Methyl-2-Pentanone
 Concen: 0.269 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX018347.D
 Acq: 10 Sep 2020 18:19

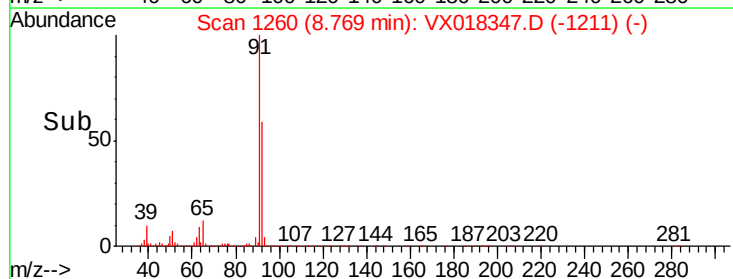
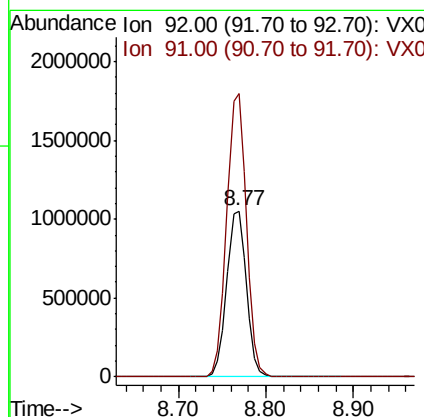
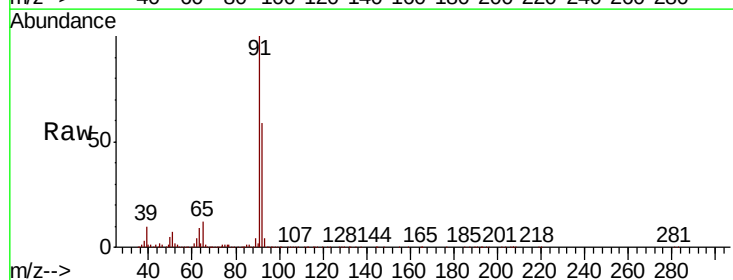
Instrument :
 MSVOA_X
 ClientSampleId :
 16718

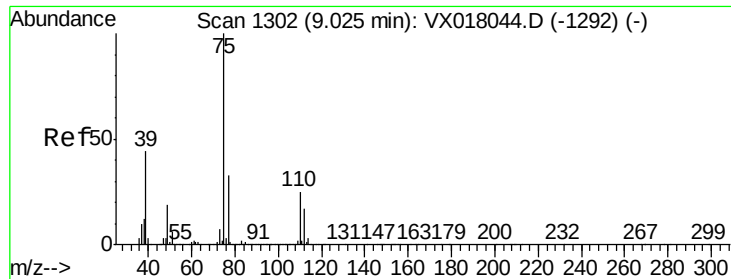
Tot Ion: 43 Resp: 2151
 Ion Ratio Lower Upper
 43 100
 58 40.8 30.7 46.1



#52
 Toluene
 Concen: 127.248 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018347.D
 Acq: 10 Sep 2020 18:19

Tgt Ion: 92 Resp: 1636248
 Ion Ratio Lower Upper
 92 100
 91 171.3 140.3 210.5

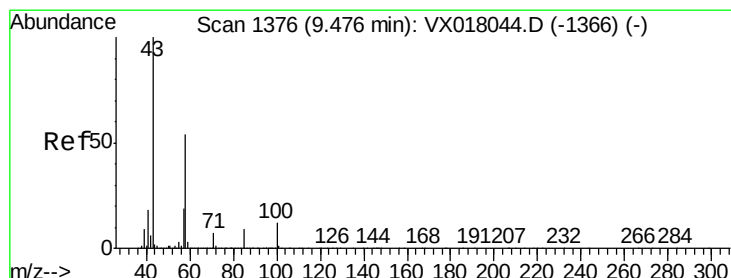
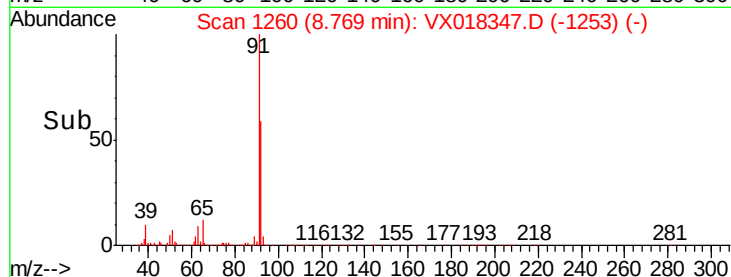
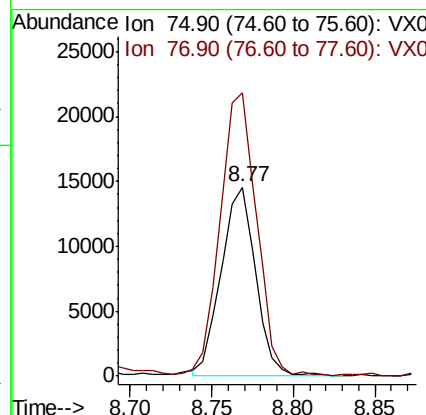
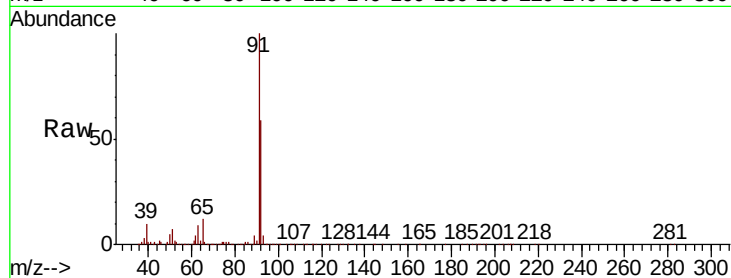




#53
t-1,3-Dichloropropene
Concen: 2.527 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.26 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

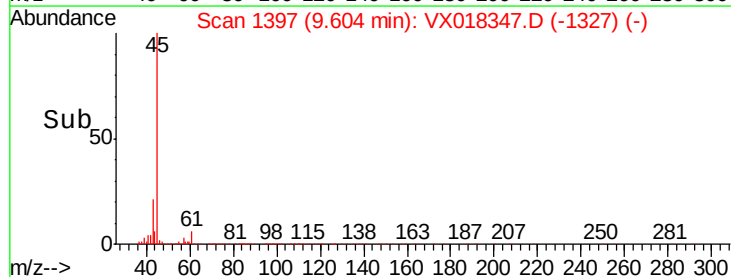
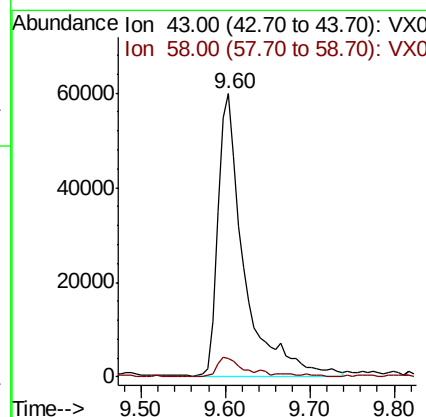
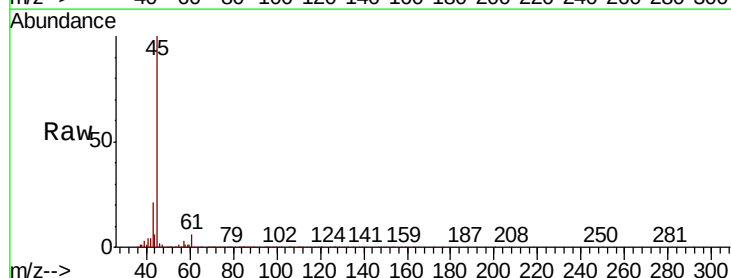
Instrument :
MSVOA_X
ClientSampleId :
16718

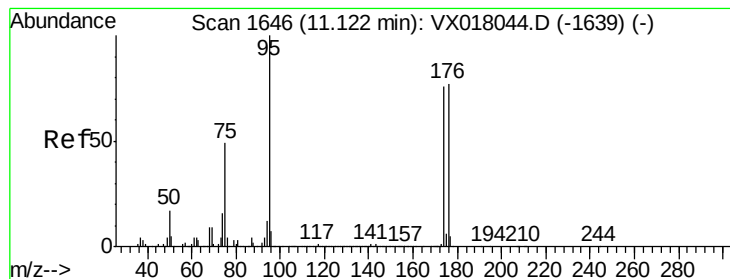
Tot Ion: 75 Resp: 21490
Ion Ratio Lower Upper
75 100
77 149.0 26.6 39.8#



#59
2-Hexanone
Concen: 20.913 ug/l
RT: 9.60 min Scan# 1397
Delta R.T. 0.13 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion: 43 Resp: 127169
Ion Ratio Lower Upper
43 100
58 8.2 26.6 79.7#





#62

4-Bromofluorobenzene

Concen: 49.080 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampled :

16718

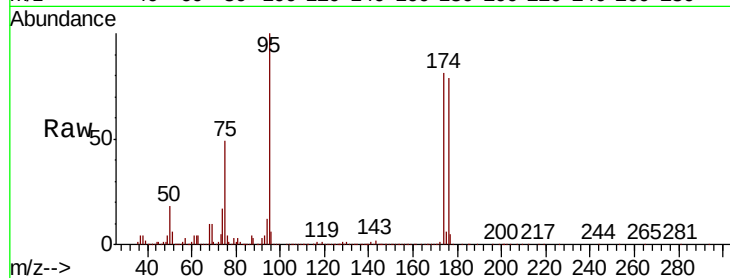
Tot Ion: 95 Resp: 366501

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

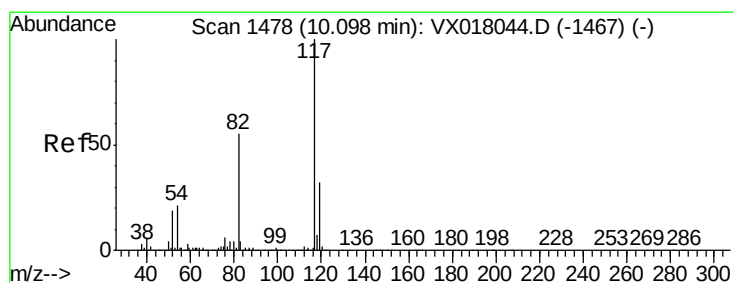
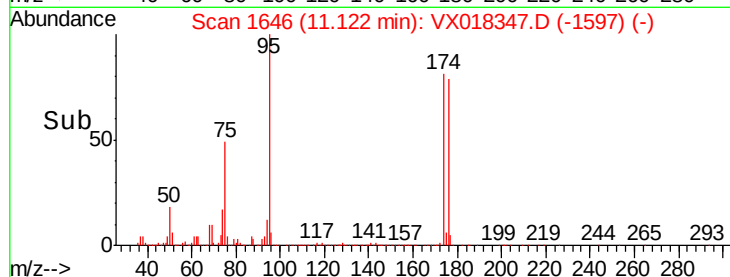
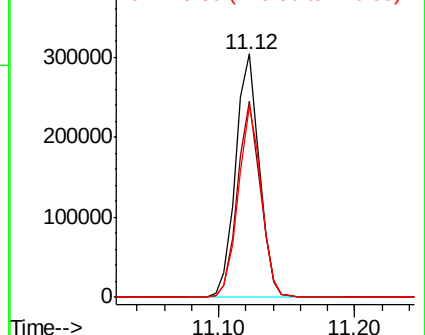
176 76.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018347.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018347.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018347.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

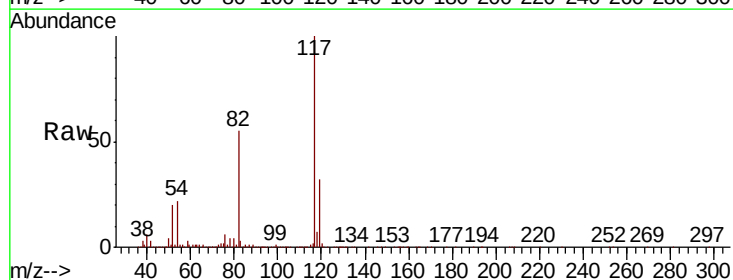
Tgt Ion: 117 Resp: 711602

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

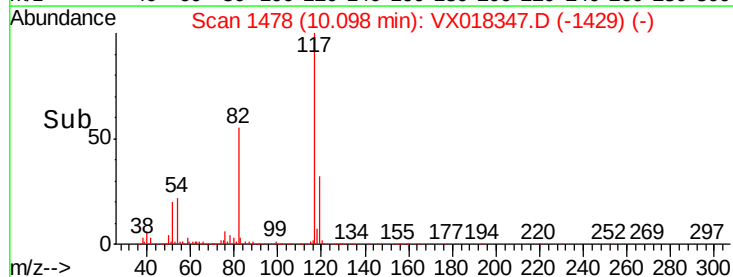
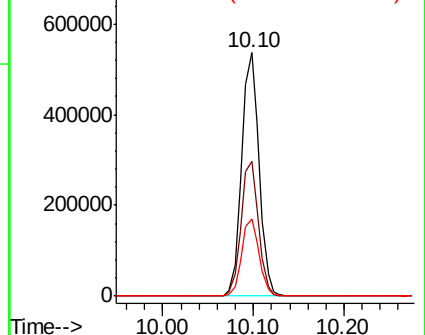
119 31.7 25.7 38.5

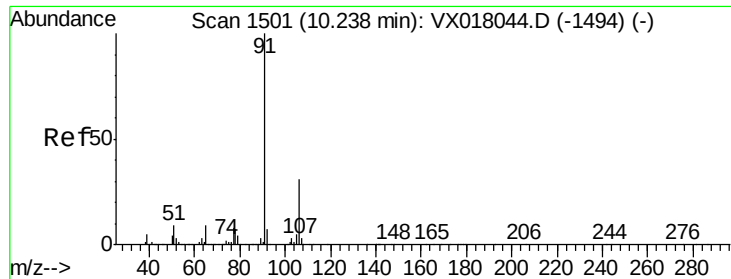


Abundance Ion 116.90 (116.60 to 117.60): VX018347.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018347.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018347.D (-1429) (-)





#67

Ethyl Benzene

Concen: 8.542 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampled :

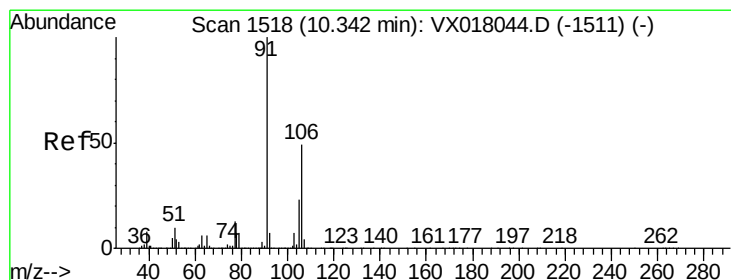
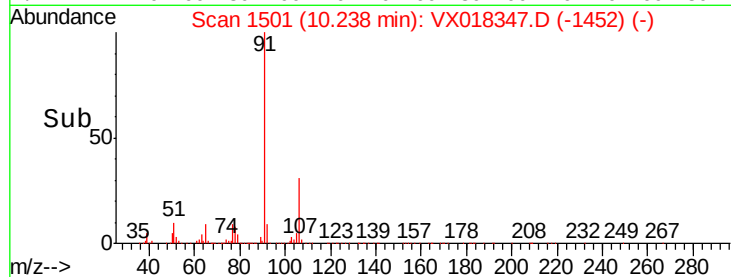
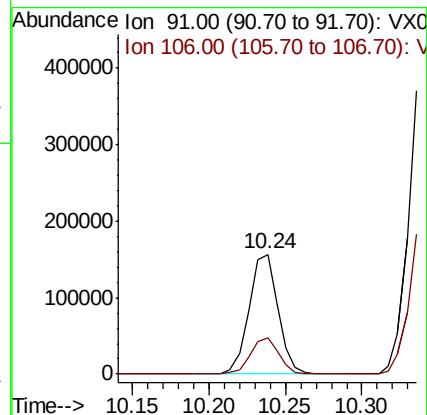
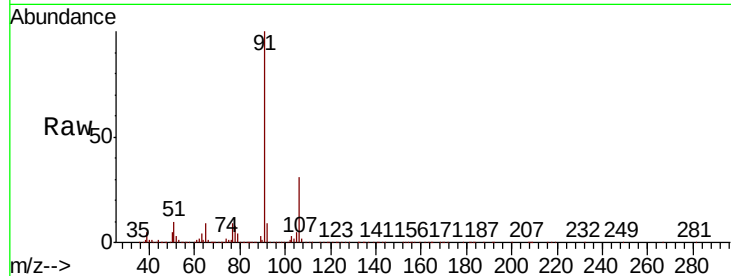
16718

Tot Ion: 91 Resp: 206456

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3



#68

m/p-Xylenes

Concen: 33.780 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018347.D

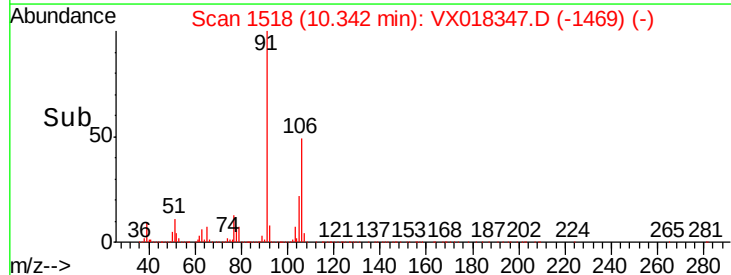
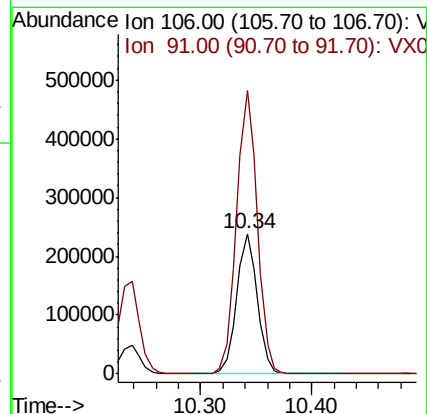
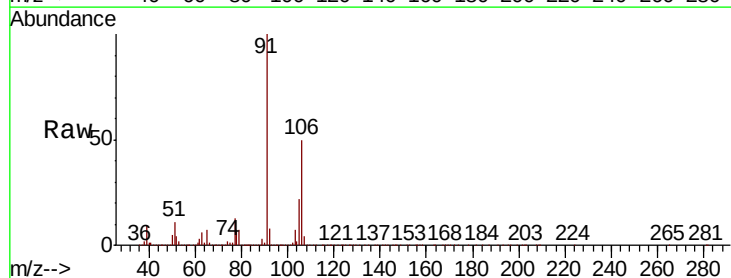
Acq: 10 Sep 2020 18:19

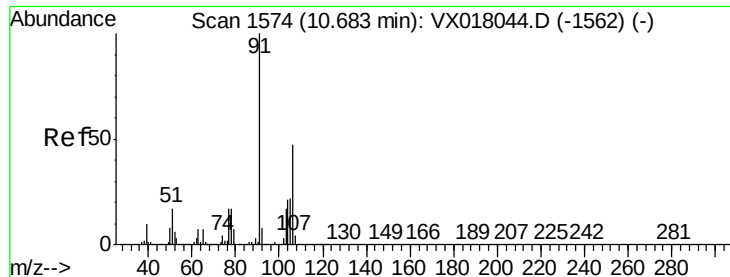
Tgt Ion: 106 Resp: 304736

Ion Ratio Lower Upper

106 100

91 204.1 162.2 243.2

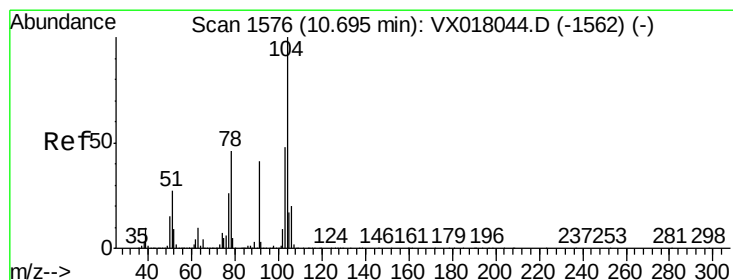
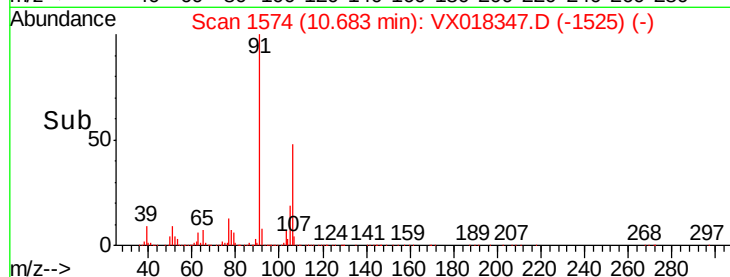
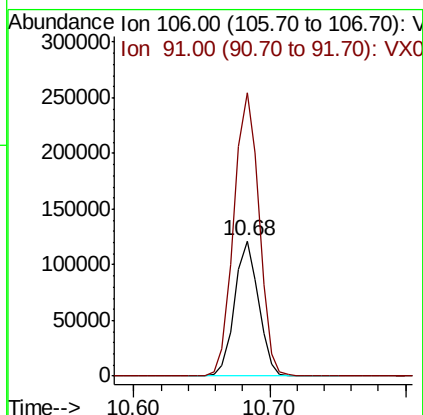
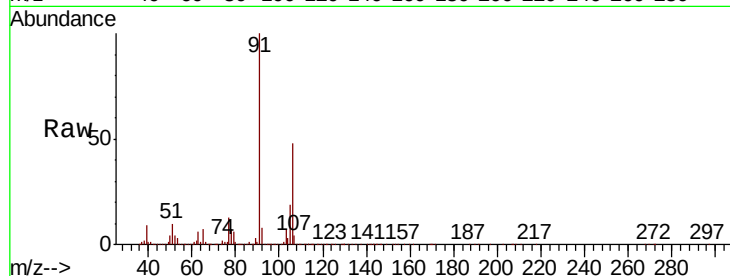




#69
o-Xylene
Concen: 17.082 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

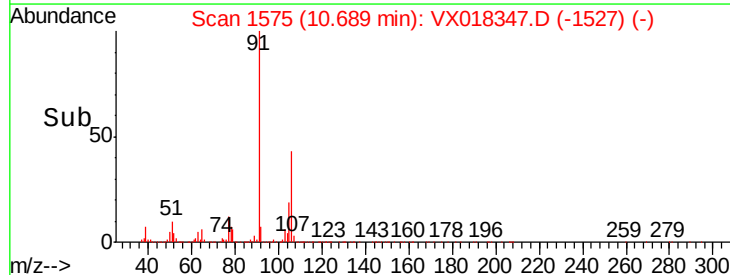
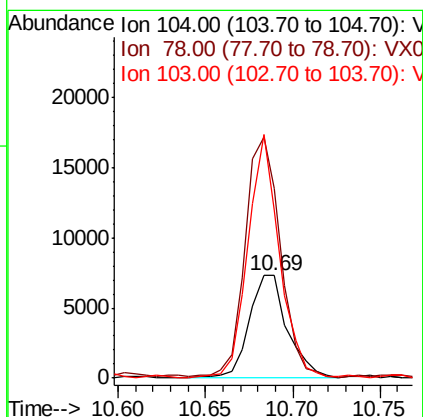
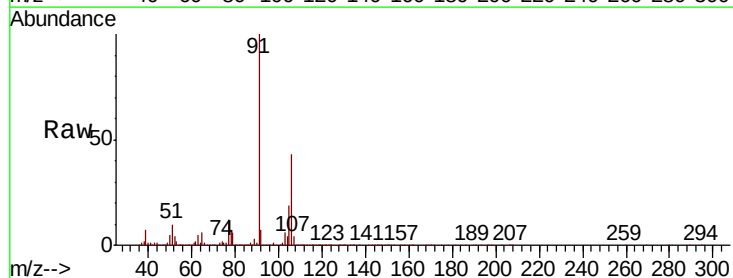
Instrument :
MSVOA_X
ClientSampleId :
16718

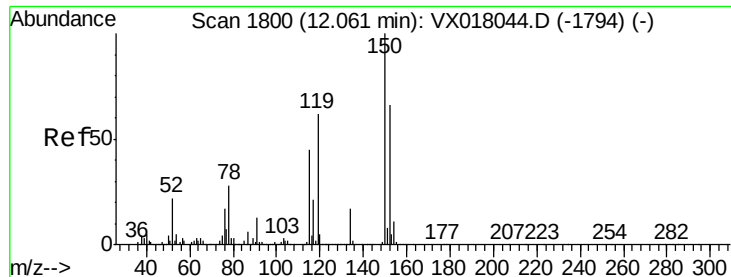
Tot Ion:106 Resp: 149385
Ion Ratio Lower Upper
106 100
91 219.7 107.1 321.3



#70
Styrene
Concen: 0.749 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion:104 Resp: 11149
Ion Ratio Lower Upper
104 100
78 217.4 40.9 61.3#
103 197.3 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

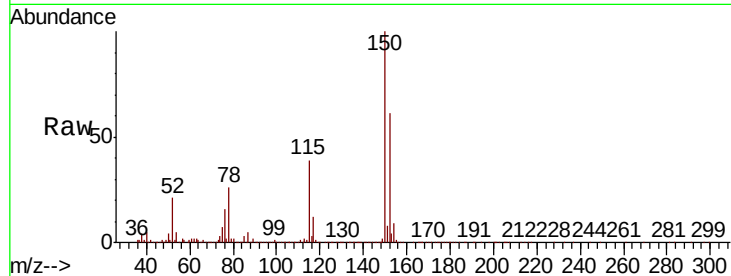
Tot Ion:152 Resp: 377683

Ion Ratio Lower Upper

152 100

115 60.6 41.5 124.5

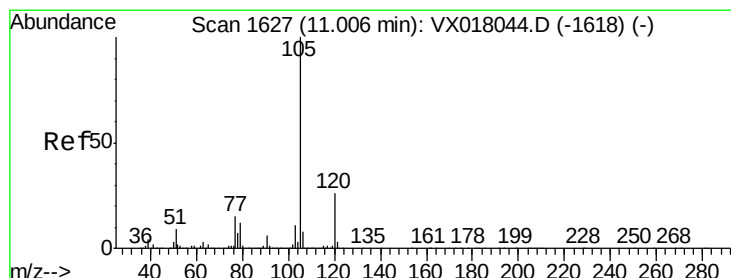
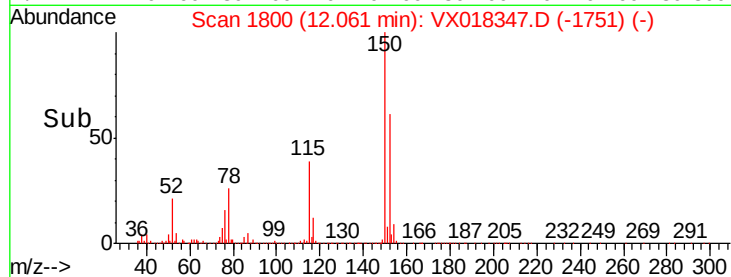
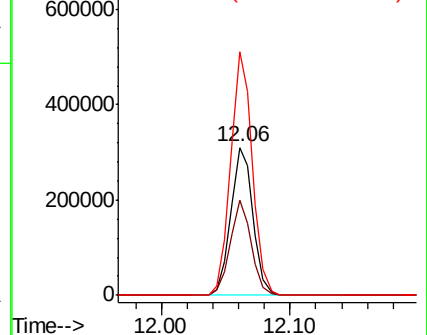
150 160.8 0.0 343.8



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: 0.310 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018347.D

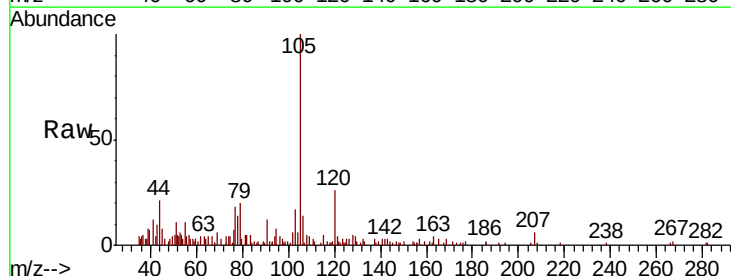
Acq: 10 Sep 2020 18:19

Tgt Ion:105 Resp: 7730

Ion Ratio Lower Upper

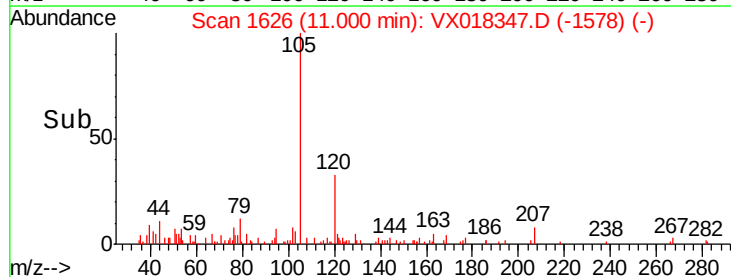
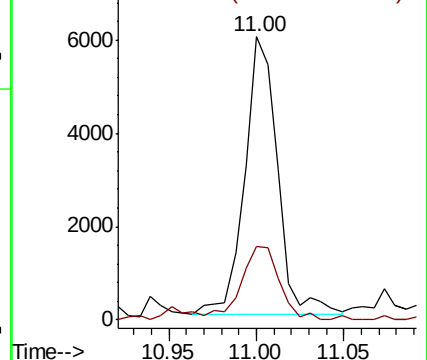
105 100

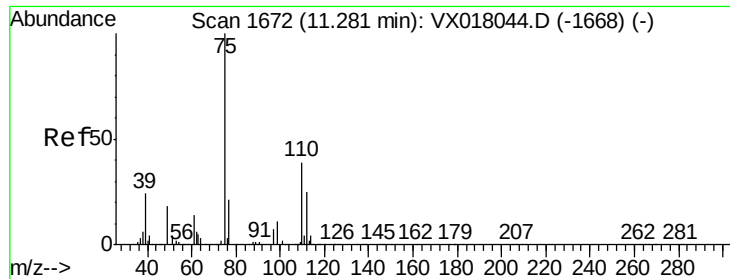
120 31.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.648 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

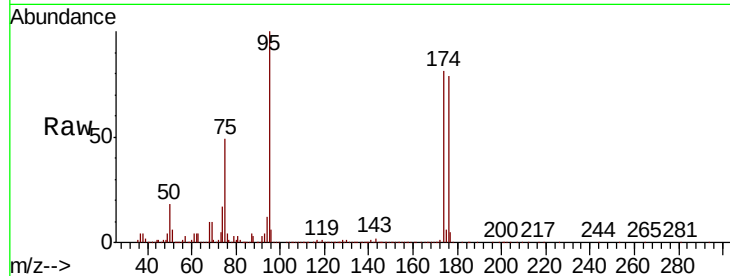
16718

Tot Ion: 75 Resp: 190281

Ion Ratio Lower Upper

75 100

77 1.1 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

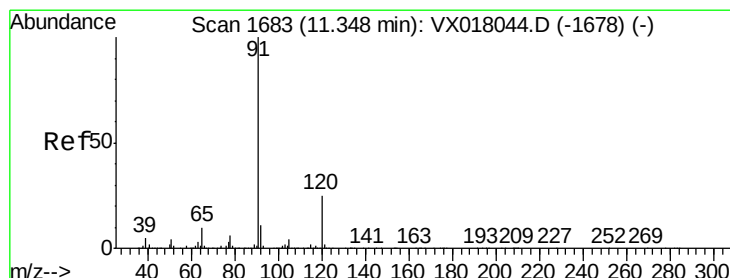
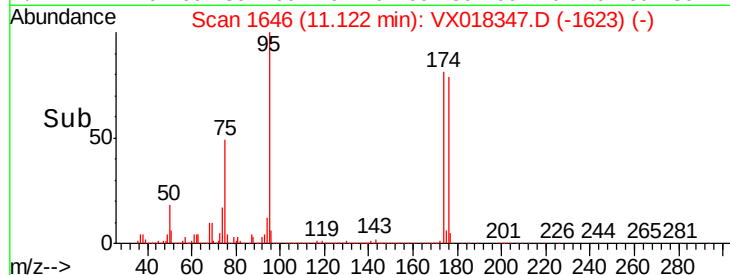
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.731 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018347.D

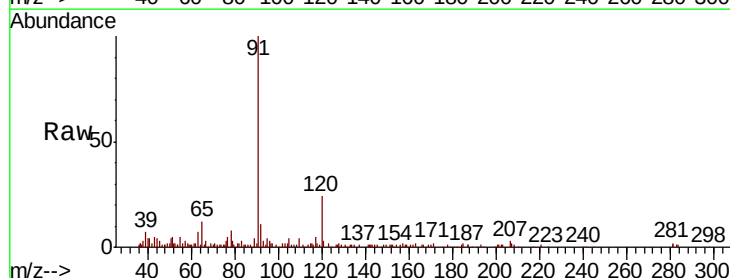
Acq: 10 Sep 2020 18:19

Tgt Ion: 91 Resp: 20673

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

25000

20000

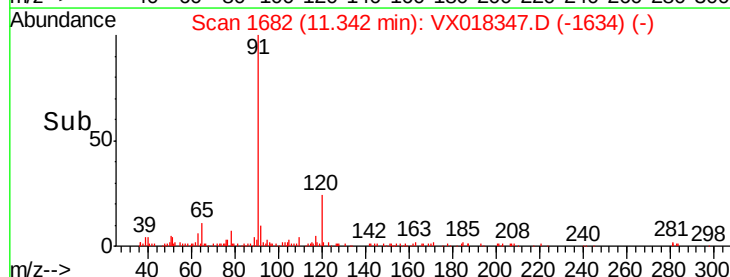
15000

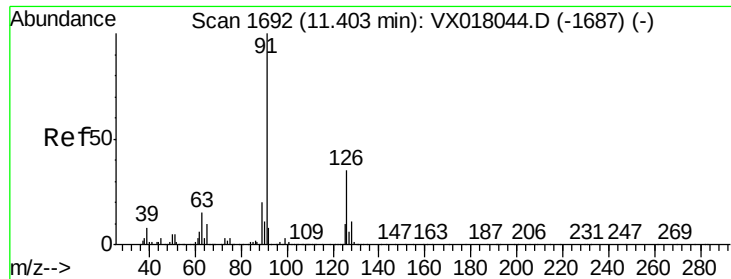
10000

5000

0

Time-->

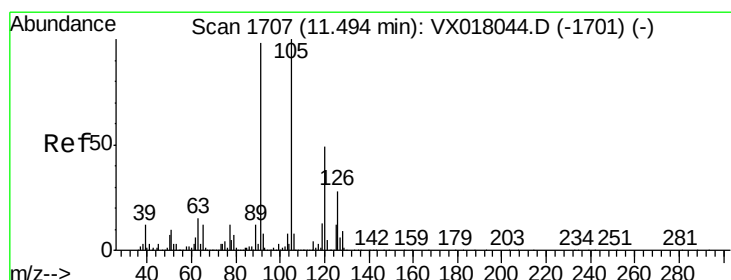
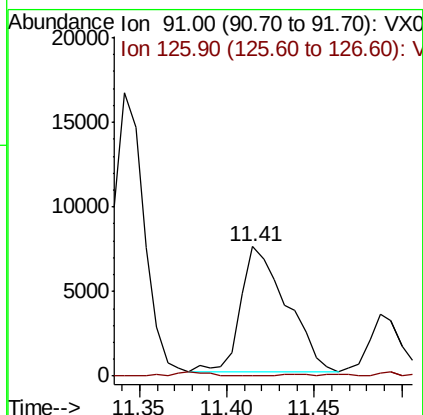
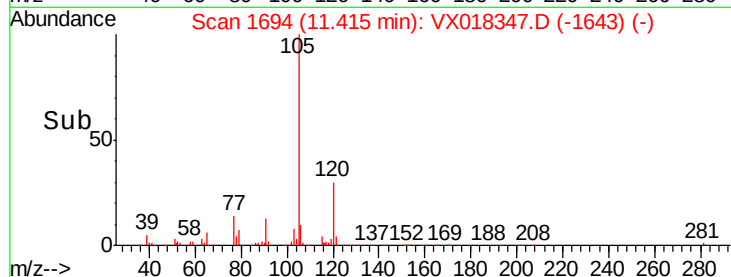
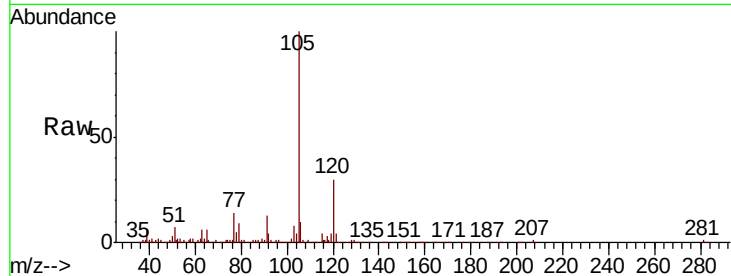




#79
2-Chlorotoluene
Concen: 0.783 ug/l
RT: 11.41 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

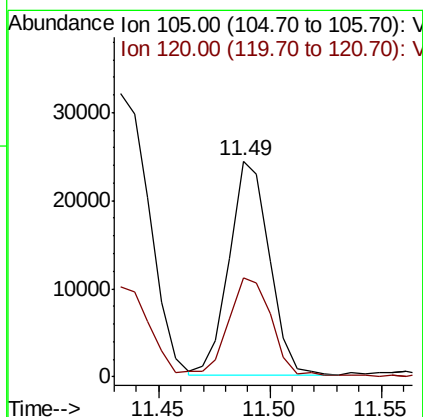
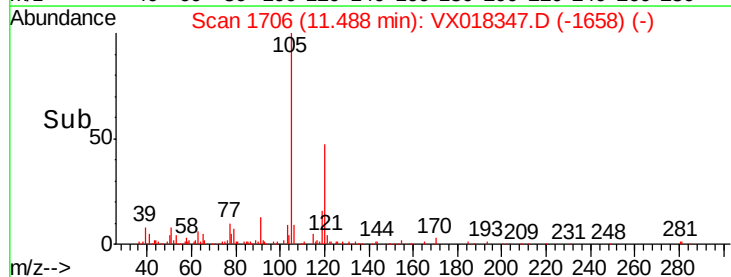
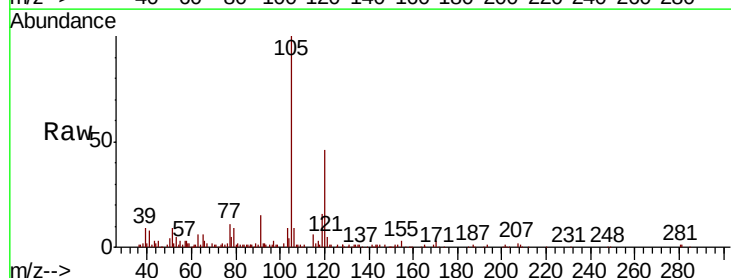
Instrument :
MSVOA_X
ClientSampleId :
16718

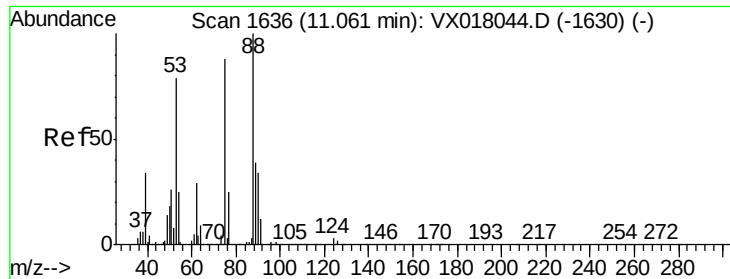
Tot Ion: 91 Resp: 13682
Ion Ratio Lower Upper
91 100
126 1.0 17.4 52.2#



#80
1,3,5-Trimethylbenzene
Concen: 1.490 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion:105 Resp: 30509
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.2

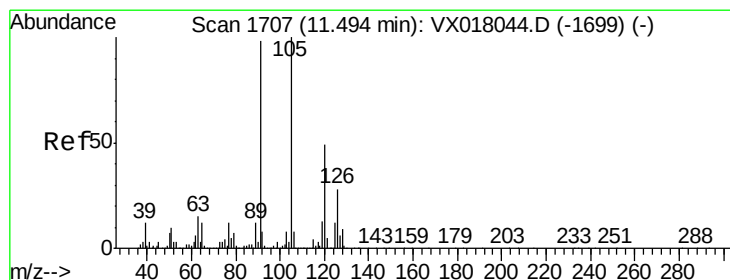
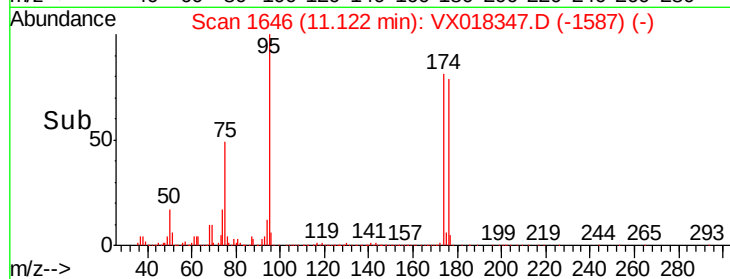
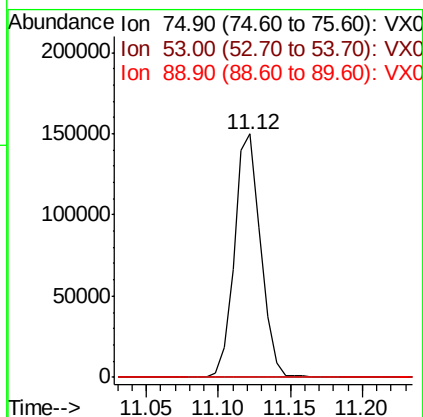
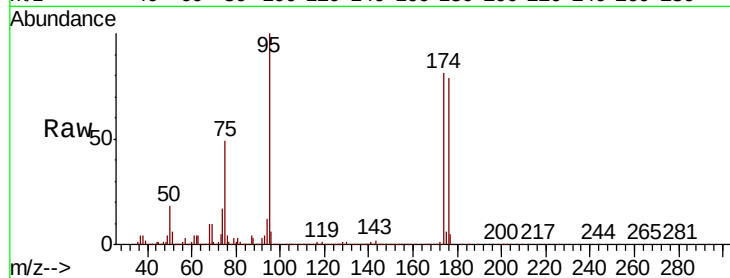




#81
trans-1,4-Dichloro-2-butene
Concen: 61.168 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

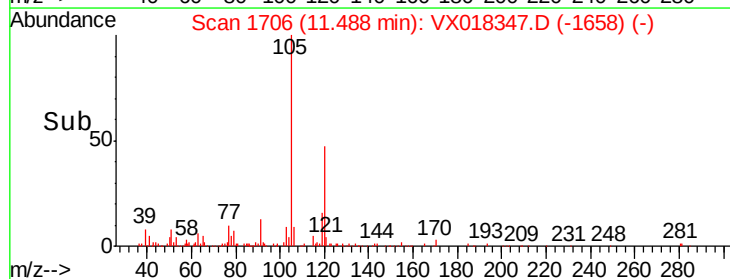
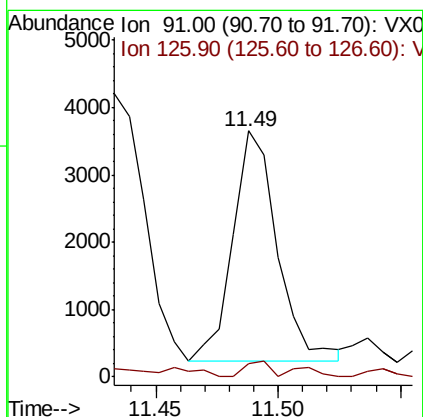
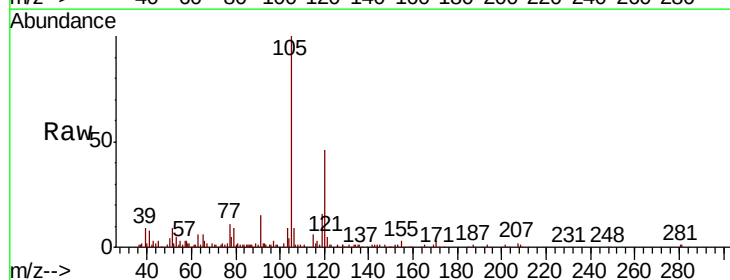
Instrument :
MSVOA_X
ClientSampleId :
16718

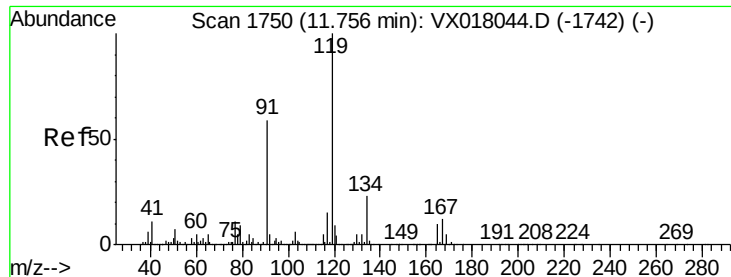
Tot Ion: 75 Resp: 190281
Ion Ratio Lower Upper
75 100
53 0.1 74.7 112.1#
89 0.0 36.6 54.8#



#82
4-Chlorotoluene
Concen: 0.208 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion: 91 Resp: 4328
Ion Ratio Lower Upper
91 100
126 3.6 15.1 45.3#





#83

tert-Butylbenzene

Concen: 0.996 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

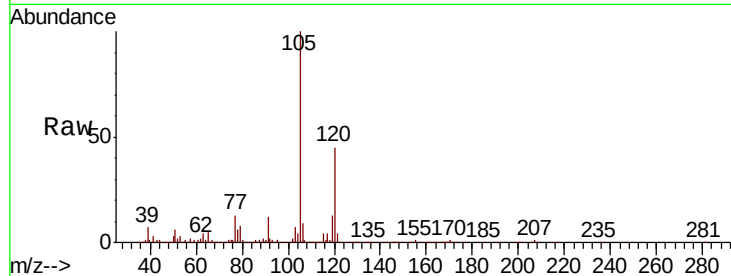
Tot Ion:119 Resp: 20113

Ion Ratio Lower Upper

119 100

91 79.8 28.2 84.7

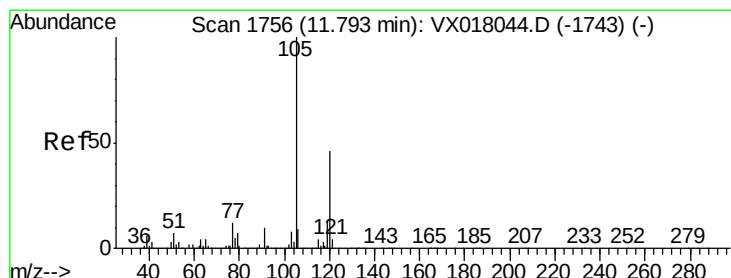
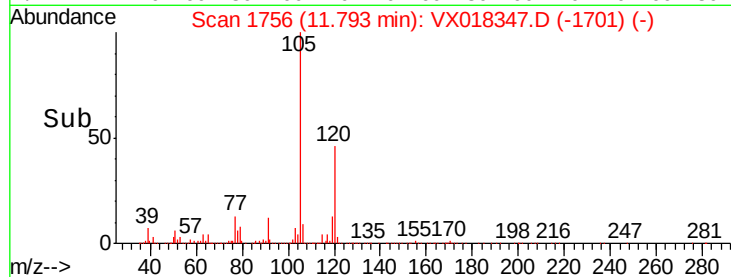
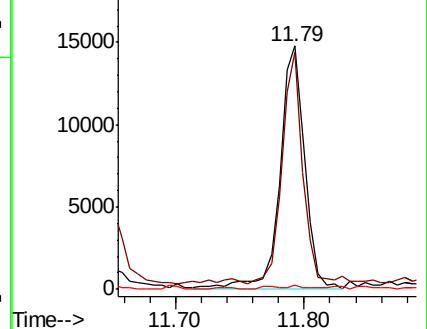
134 0.6 11.3 33.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.747 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018347.D

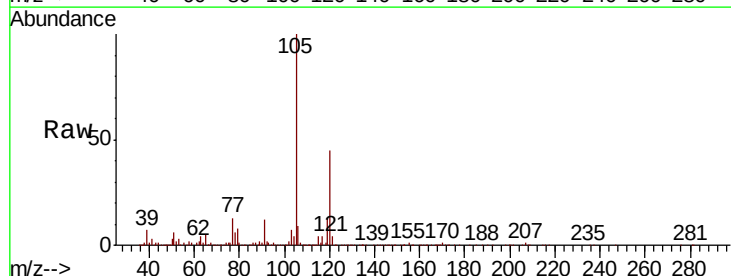
Acq: 10 Sep 2020 18:19

Tgt Ion:105 Resp: 141207

Ion Ratio Lower Upper

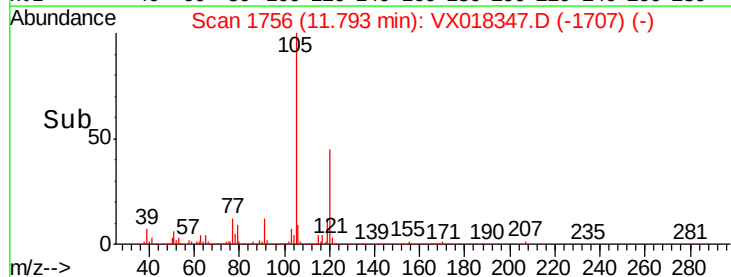
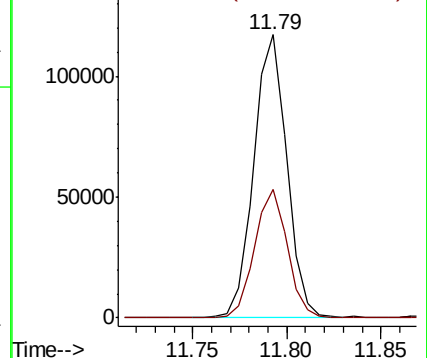
105 100

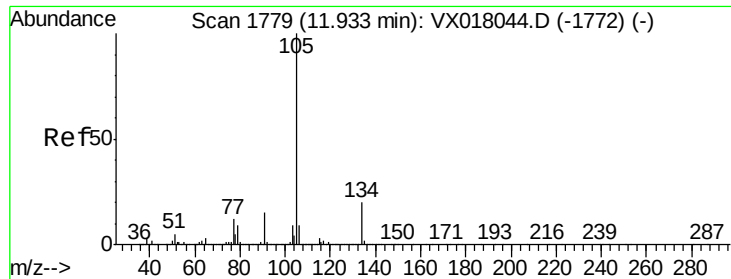
120 45.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 6.146 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

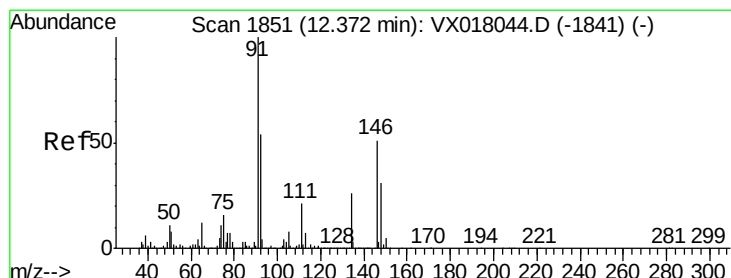
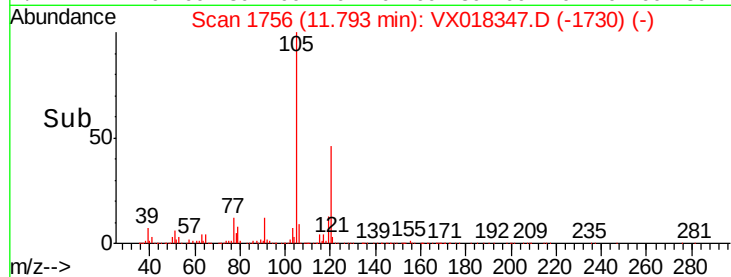
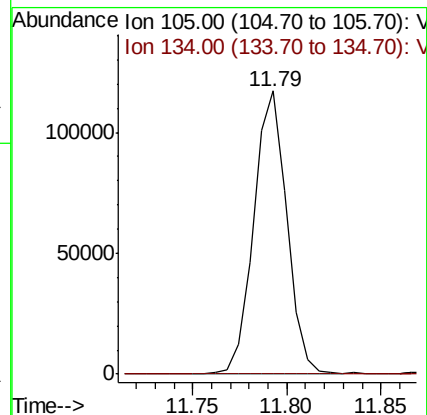
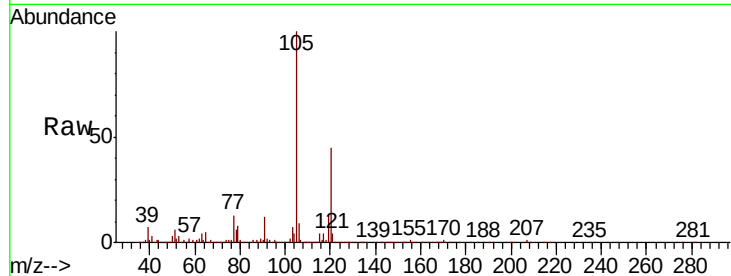
16718

Tot Ion:105 Resp: 141207

Ion Ratio Lower Upper

105 100

134 0.1 10.1 30.3#



#89

n-Butylbenzene

Concen: 0.271 ug/l

RT: 12.35 min Scan# 1848

Delta R.T. -0.02 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

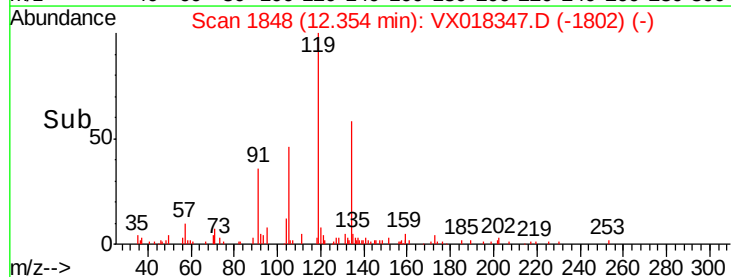
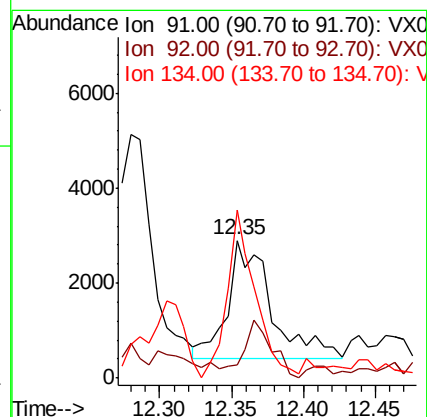
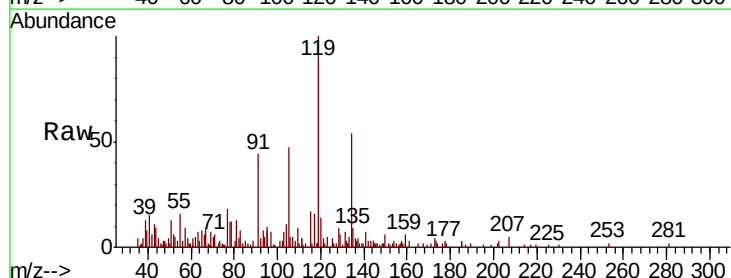
Tgt Ion: 91 Resp: 5220

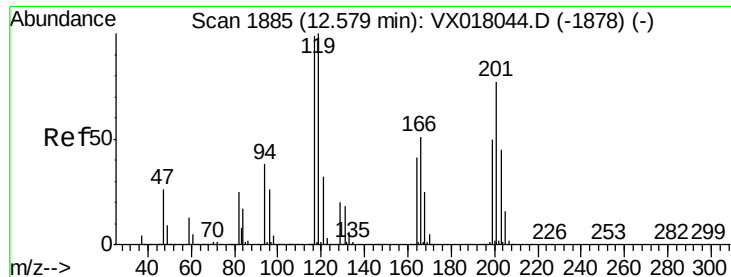
Ion Ratio Lower Upper

91 100

92 31.6 26.4 79.2

134 93.6 12.9 38.7#





#90

Hexachloroethane

Concen: 0.384 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampled :

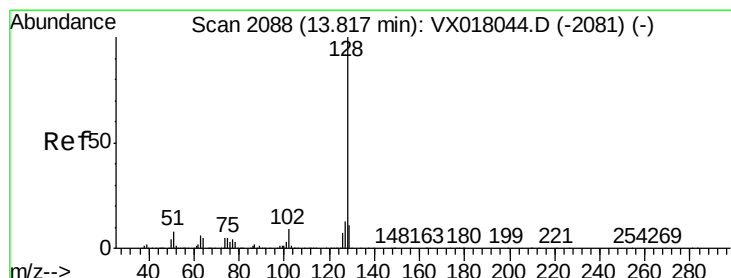
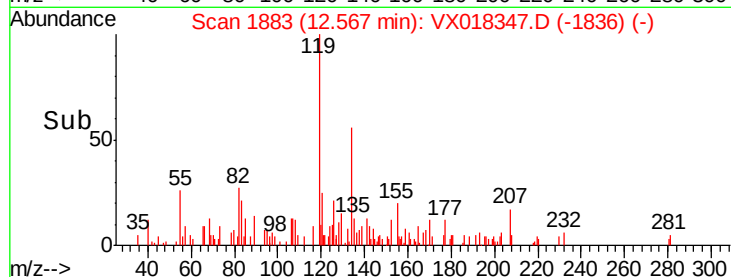
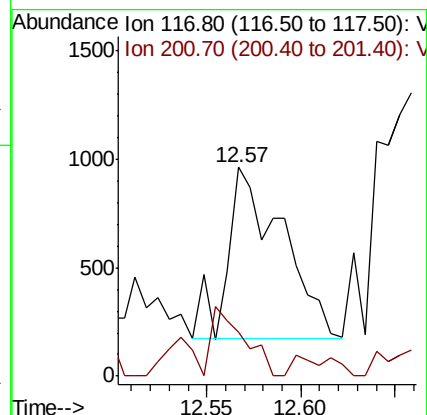
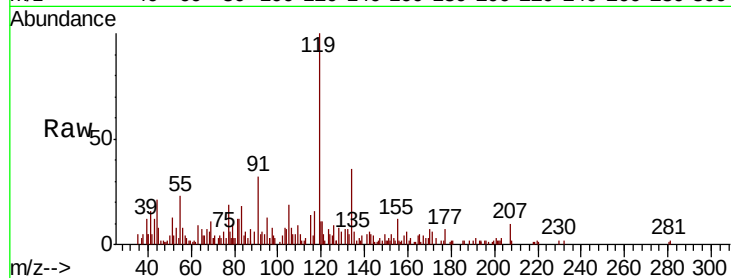
16718

Tot Ion:117 Resp: 1595

Ion Ratio Lower Upper

117 100

201 24.0 38.5 115.3#



#95

Naphthalene

Concen: 3.953 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Tgt Ion:128 Resp: 98742

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 11.9 8.7 13.1

