

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071019\
 Data File : VX010773.D
 Acq On : 10 Jul 2019 13:39
 Operator : JC/SP
 Sample : K3636-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0980

Quant Time: Jul 11 01:14:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110445	54.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.08%	
35) Dibromofluoromethane	5.50	113	106326	50.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.44%	
50) Toluene-d8	8.71	98	410893	51.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	138225	47.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1150	0.759	ug/l	93
3) Chloromethane	1.32	50	383	0.217	ug/l #	84
4) Vinyl Chloride	1.41	62	498	0.258	ug/l #	78
5) Bromomethane	1.65	94	634	0.673	ug/l	100
6) Chloroethane	1.70	64	908	0.796	ug/l	94
8) Diethyl Ether	2.19	74	65328	59.450	ug/l	97
10) Methyl Iodide	2.51	142	689	0.260	ug/l #	94
11) Tert butyl alcohol	3.03	59	6520	12.191	ug/l #	89
13) Acrolein	2.30	56	122	0.344	ug/l #	41
16) Acetone	2.45	43	3019	2.947	ug/l	97
18) Methyl Acetate	2.77	43	487	0.239	ug/l #	59
19) Methyl tert-butyl Ether	3.19	73	2763	0.465	ug/l #	64
24) 1,1-Dichloroethane	3.70	63	4314	1.331	ug/l #	91
25) 2-Butanone	4.70	43	631	0.420	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	848	0.361	ug/l #	27
29) Tetrahydrofuran	5.13	42	6376	6.851	ug/l	98
31) Cyclohexane	5.59	56	4234	1.434	ug/l #	78
36) 1,1-Dichloropropene	5.66	75	14037	5.156	ug/l #	48
38) Carbon Tetrachloride	5.66	117	19721	6.689	ug/l #	14
39) Methylcyclohexane	7.47	83	2988	0.835	ug/l	89
40) Benzene	6.14	78	27801	3.278	ug/l	98
44) Trichloroethene	7.21	130	864	0.340	ug/l	79
49) 1,4-Dioxane	7.76	88	191	3.078	ug/l #	20
52) Toluene	8.79	92	1298	0.232	ug/l	89
55) 1,1,2-Trichloroethane	9.17	97	1340	0.582	ug/l #	21
65) Chlorobenzene	10.13	112	7628	1.185	ug/l	95
68) m/p-Xylenes	10.36	106	14694	3.491	ug/l	99
69) o-Xylene	10.70	106	1433	0.346	ug/l	88
73) Isopropylbenzene	11.02	105	9274	0.932	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	68808	25.712	ug/l #	33
78) n-propylbenzene	11.36	91	3395	0.310	ug/l	97
79) 2-Chlorotoluene	11.42	91	2134	0.328	ug/l	73
80) 1,3,5-Trimethylbenzene	11.51	105	2581	0.314	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	68808	59.983	ug/l #	16

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

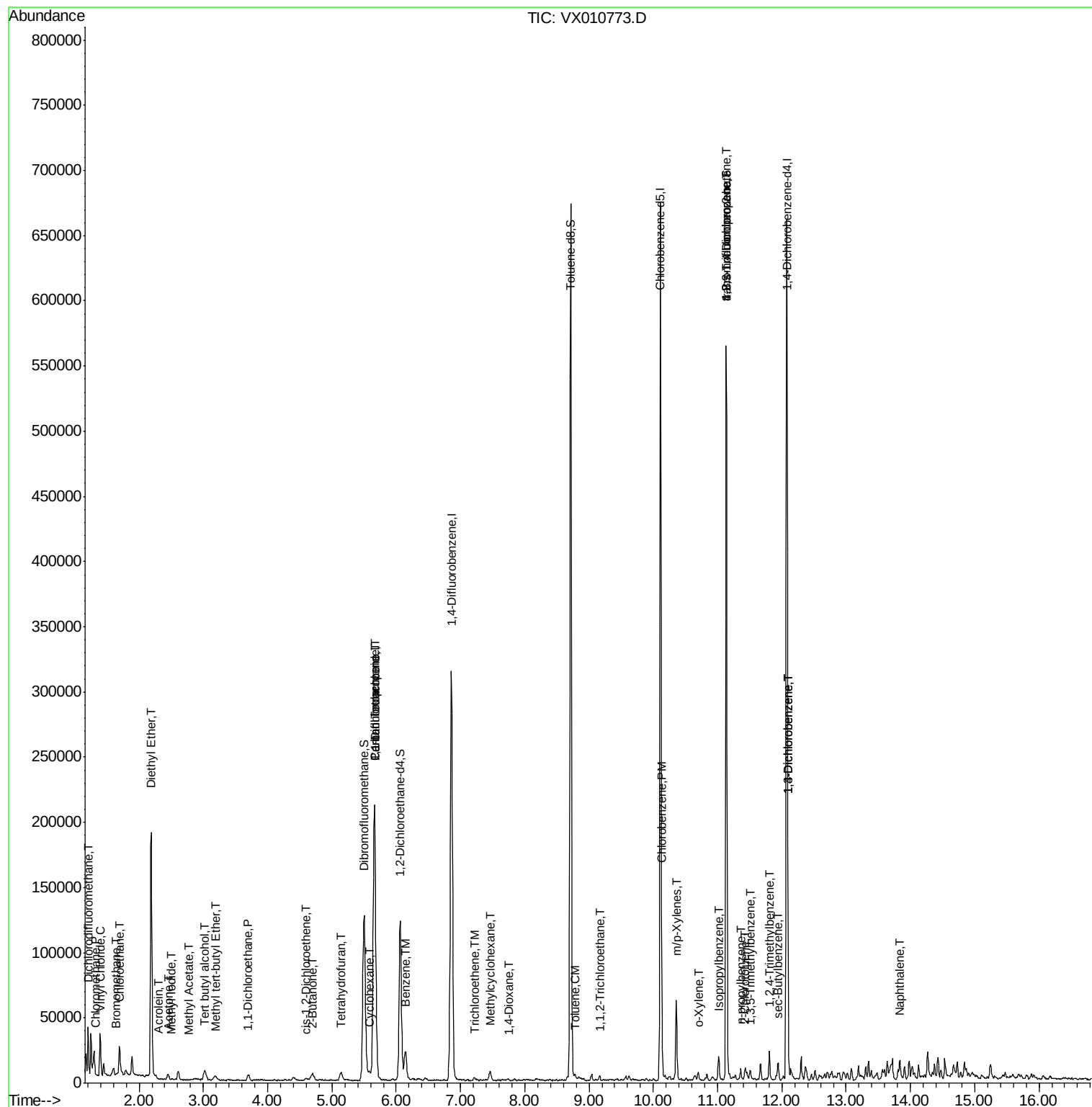
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	9231	1.120	ug/l	97
85) sec-Butylbenzene	11.94	105	3707	0.383	ug/l #	74
87) 1,3-Dichlorobenzene	12.10	146	21656	4.463	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	21656	4.384	ug/l	91
95) Naphthalene	13.83	128	8689	0.845	ug/l #	85

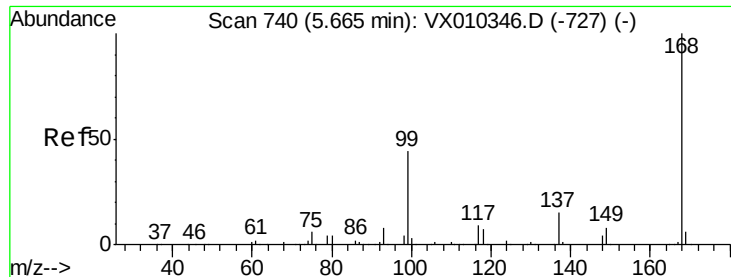
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

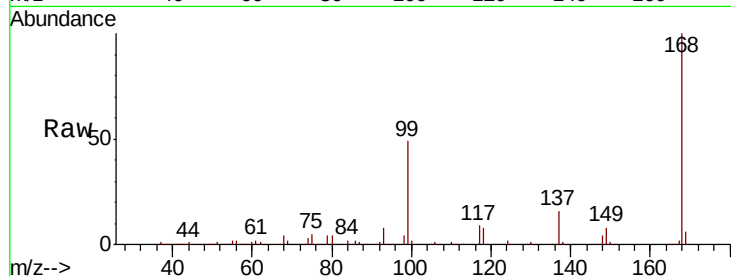
SP19-JMW0980

Tot Ion:168 Resp: 217996

Ion Ratio Lower Upper

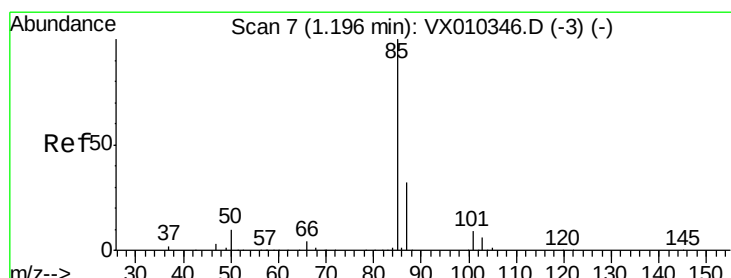
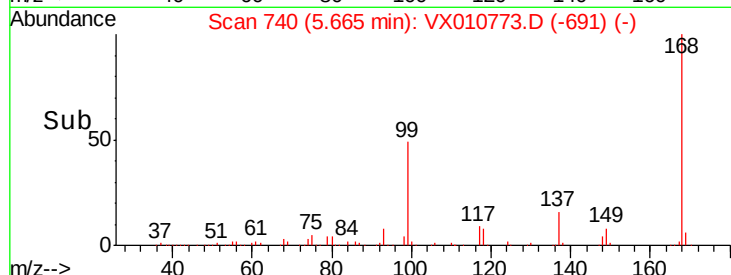
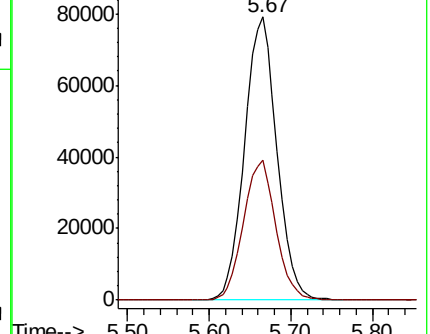
168 100

99 49.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.759 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010773.D

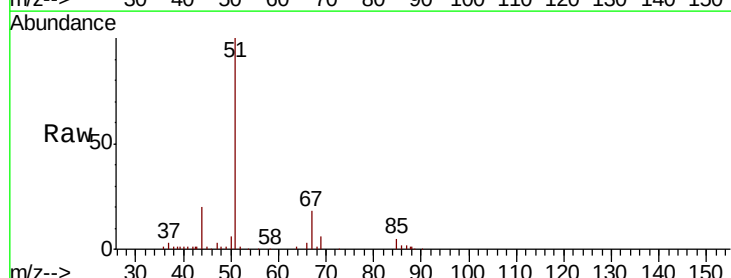
Acq: 10 Jul 2019 13:39

Tgt Ion: 85 Resp: 1150

Ion Ratio Lower Upper

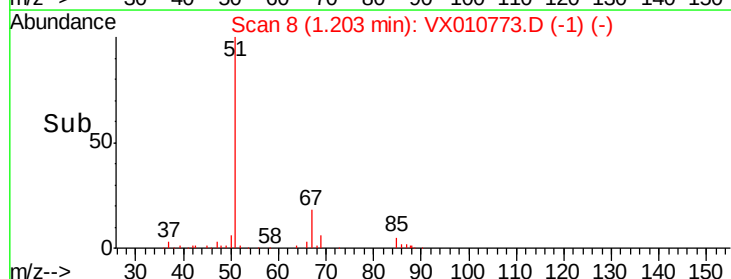
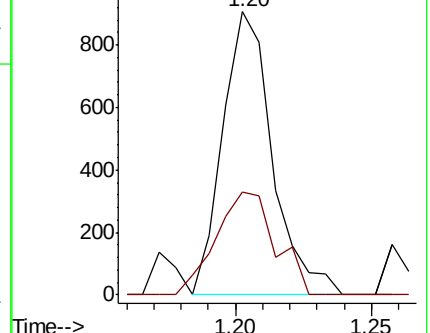
85 100

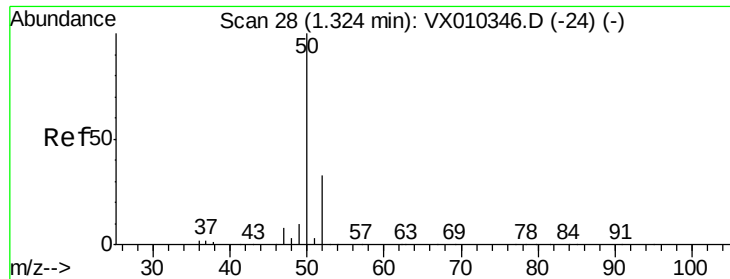
87 36.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

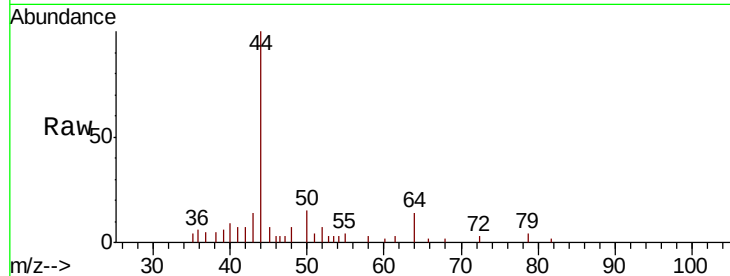
SP19-JMW0980

Tot Ion: 50 Resp: 383

Ion Ratio Lower Upper

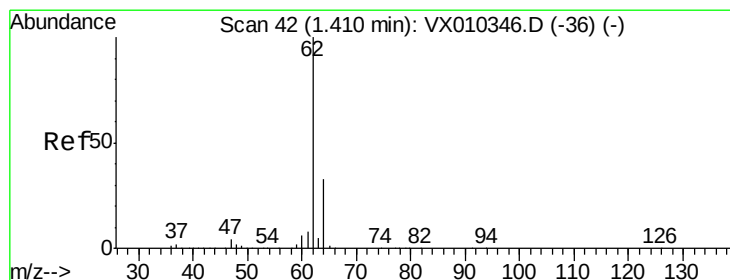
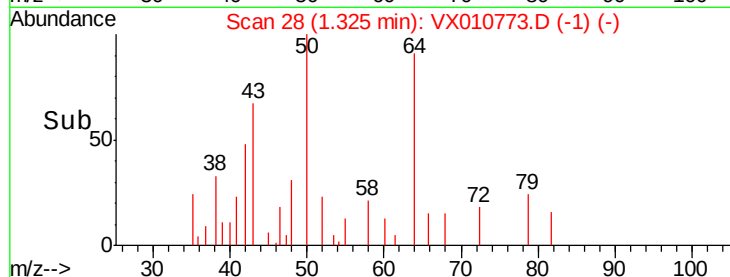
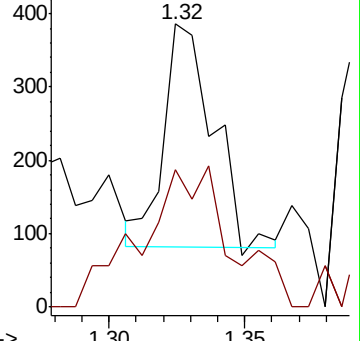
50 100

52 42.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.258 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010773.D

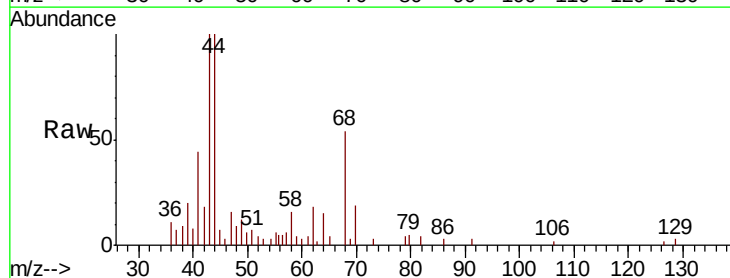
Acq: 10 Jul 2019 13:39

Tgt Ion: 62 Resp: 498

Ion Ratio Lower Upper

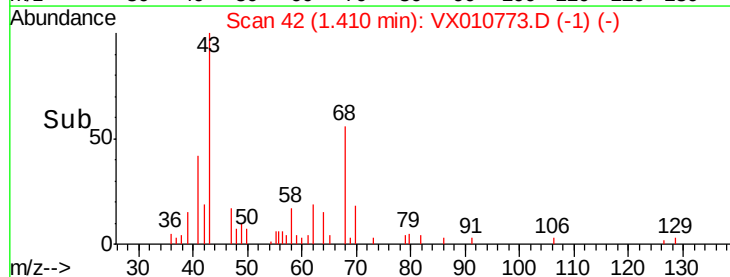
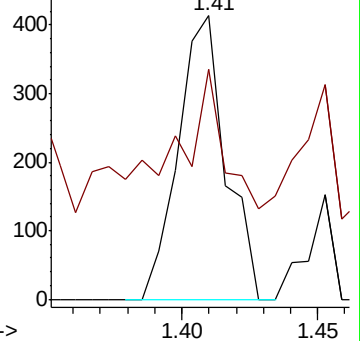
62 100

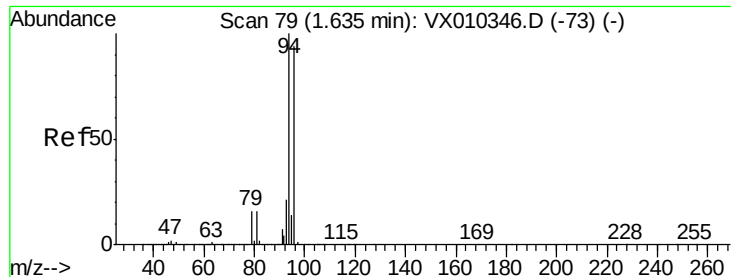
64 45.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.673 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

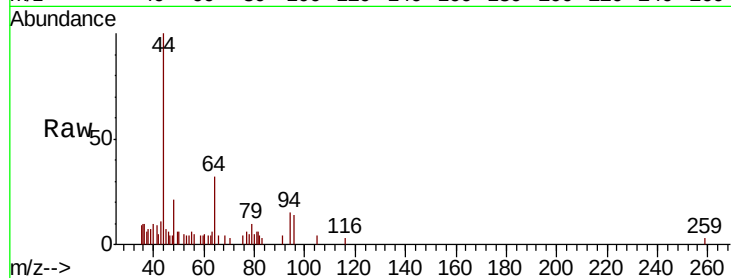
SP19-JMW0980

Tot Ion: 94 Resp: 634

Ion Ratio Lower Upper

94 100

96 94.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

100

50

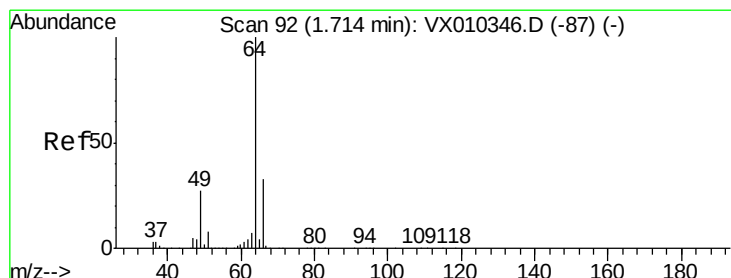
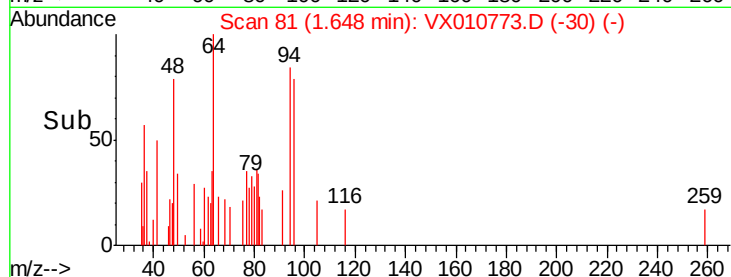
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 0.796 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010773.D

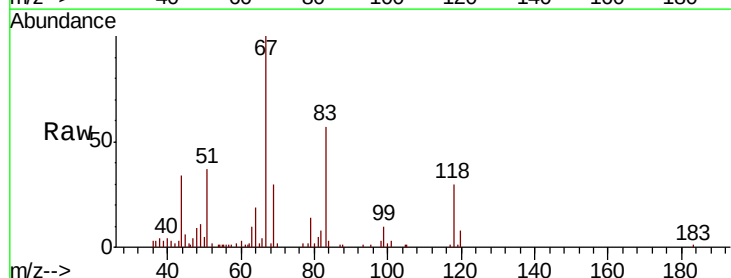
Acq: 10 Jul 2019 13:39

Tgt Ion: 64 Resp: 908

Ion Ratio Lower Upper

64 100

66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1500

1000

500

0

1.64

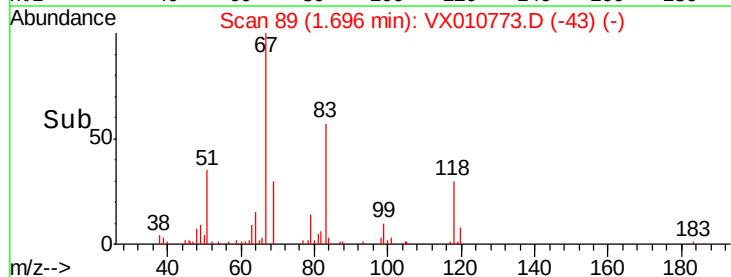
1.66

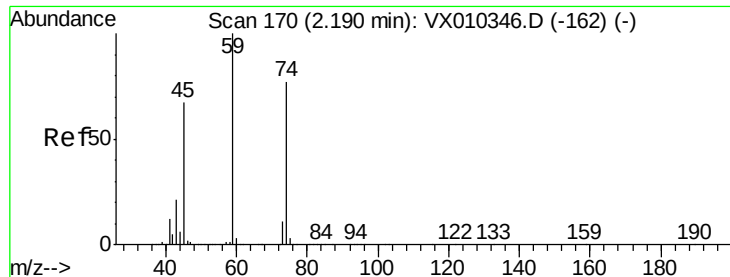
1.68

1.70

1.72

Time-->





#8

Diethyl Ether

Concen: 59.450 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

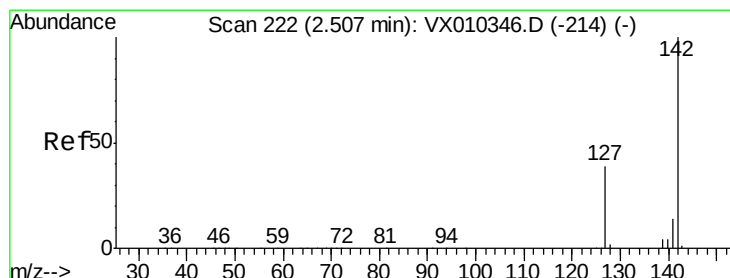
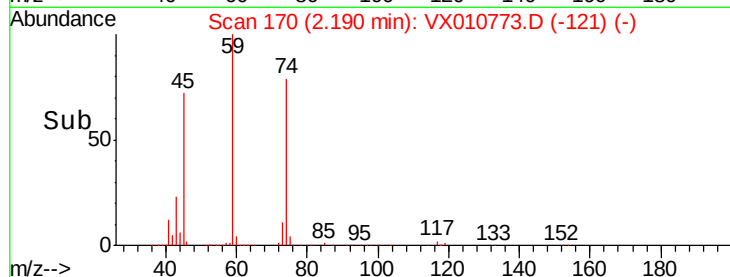
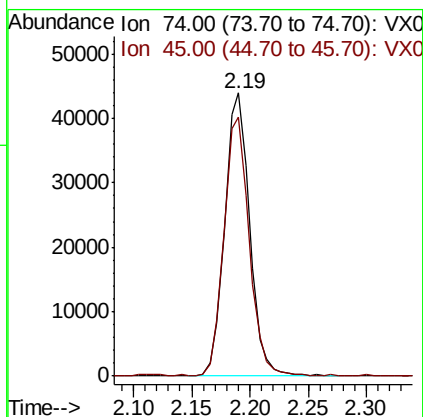
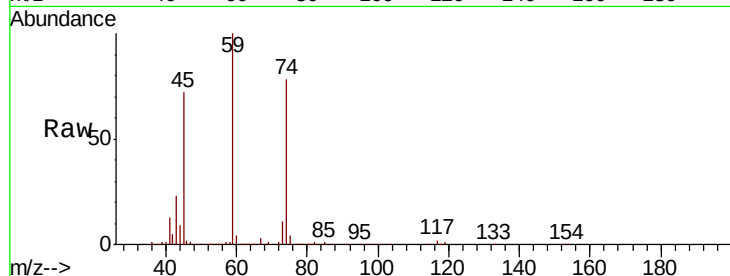
SP19-JMW0980

Tot Ion: 74 Resp: 65328

Ion Ratio Lower Upper

74 100

45 92.2 44.8 134.4



#10

Methyl Iodide

Concen: 0.260 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

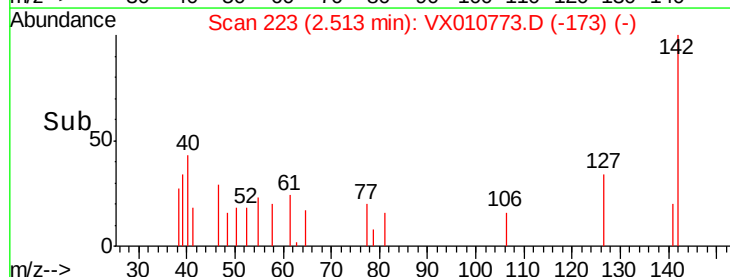
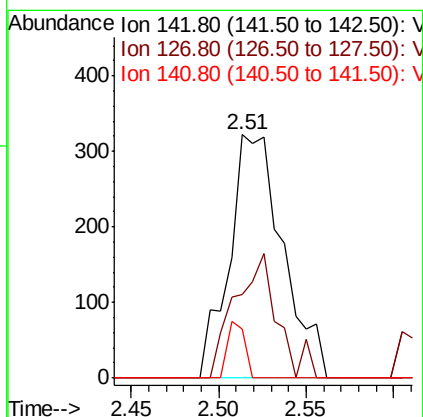
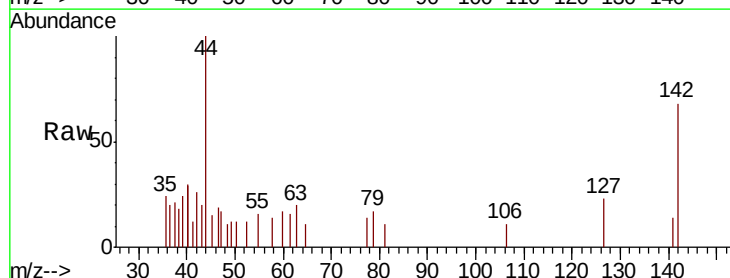
Tgt Ion: 142 Resp: 689

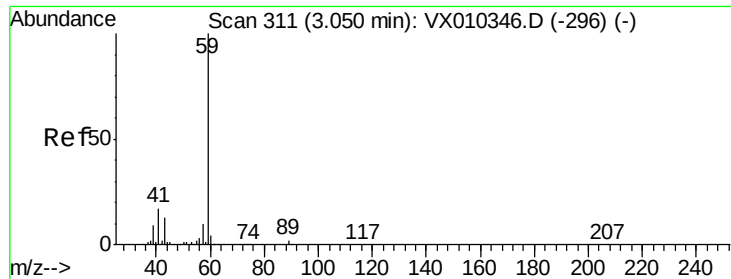
Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

141 7.4 11.2 16.8#

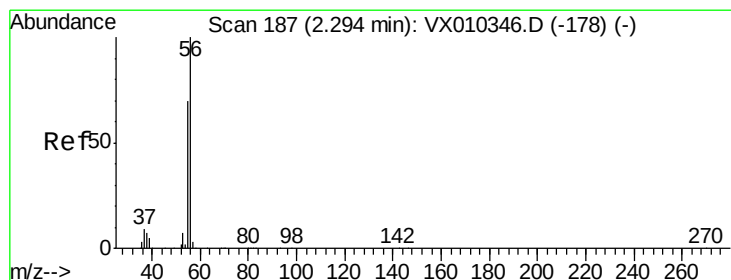
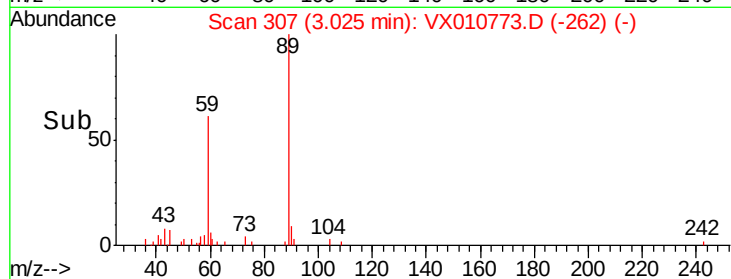
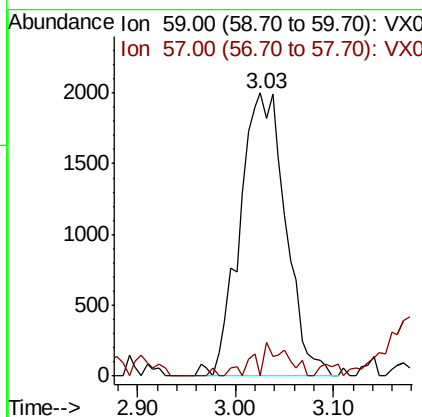
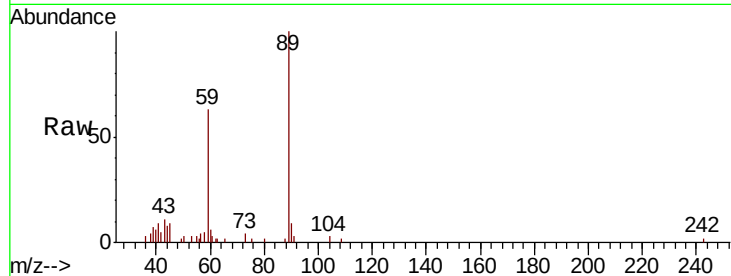




#11
Tert butyl alcohol
Concen: 12.191 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

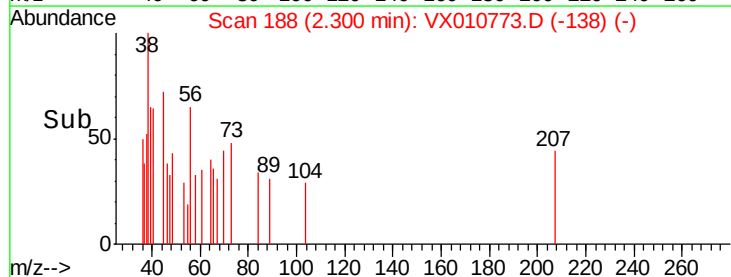
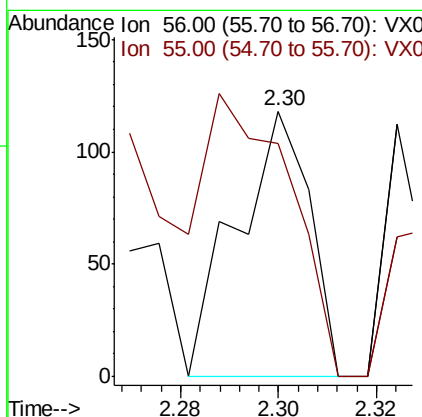
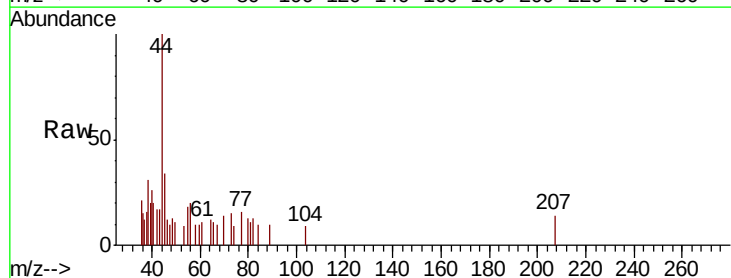
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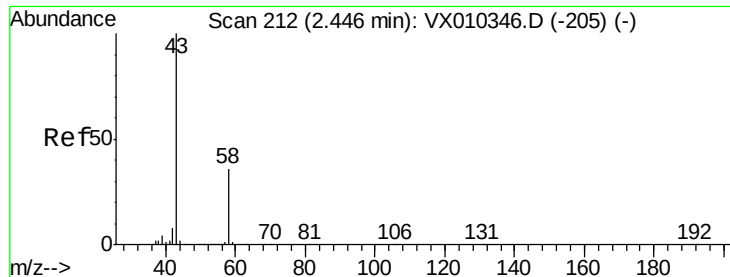
Tot Ion: 59 Resp: 6520
Ion Ratio Lower Upper
59 100
57 5.4 7.7 11.5#



#13
Acrolein
Concen: 0.344 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 119.7 56.9 85.3#





#16

Acetone

Concen: 2.947 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

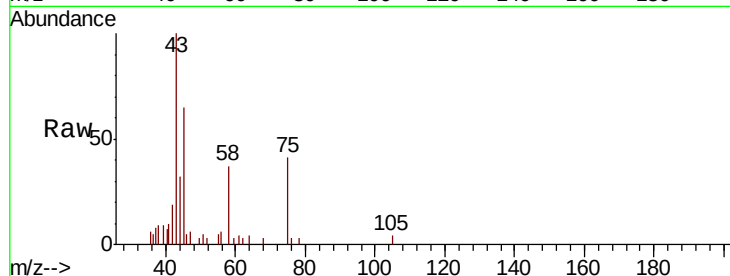
SP19-JMW0980

Tot Ion: 43 Resp: 3019

Ion Ratio Lower Upper

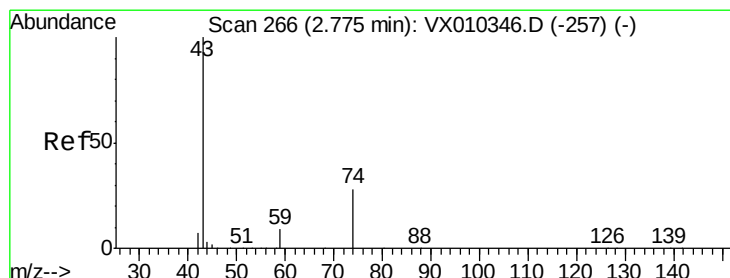
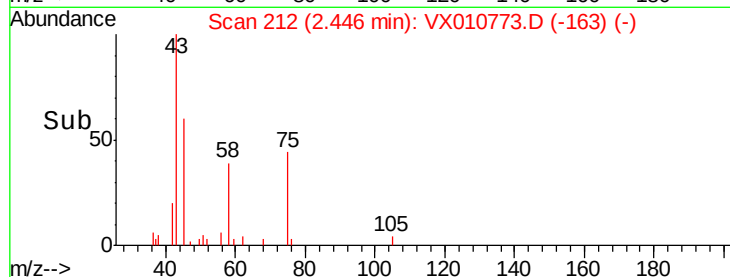
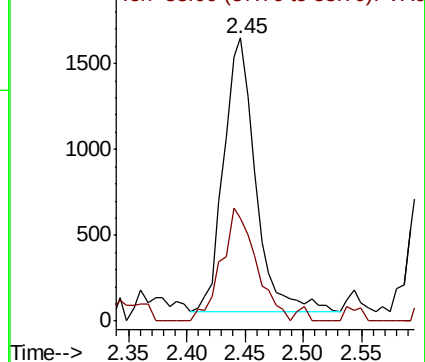
43 100

58 37.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.239 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010773.D

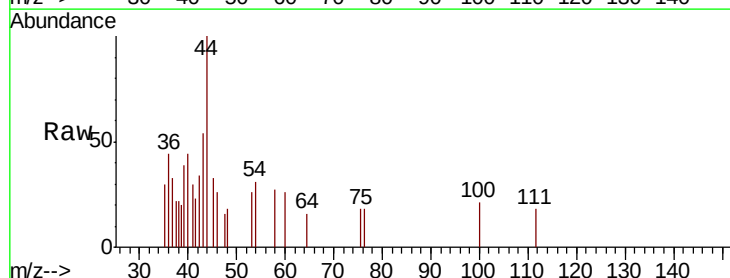
Acq: 10 Jul 2019 13:39

Tgt Ion: 43 Resp: 487

Ion Ratio Lower Upper

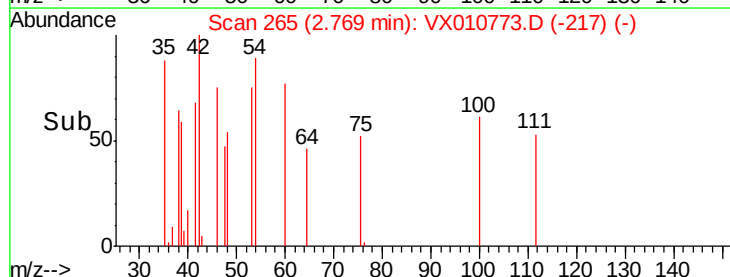
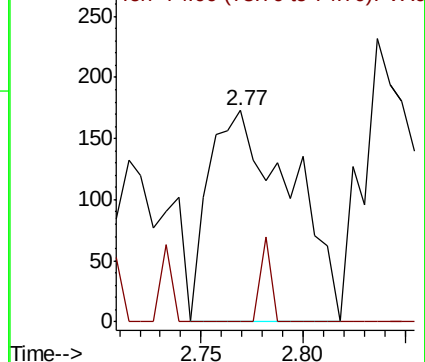
43 100

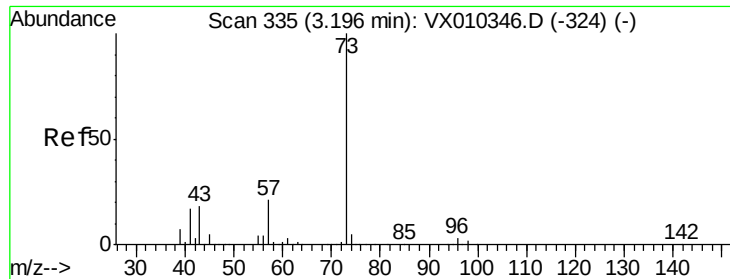
74 5.3 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

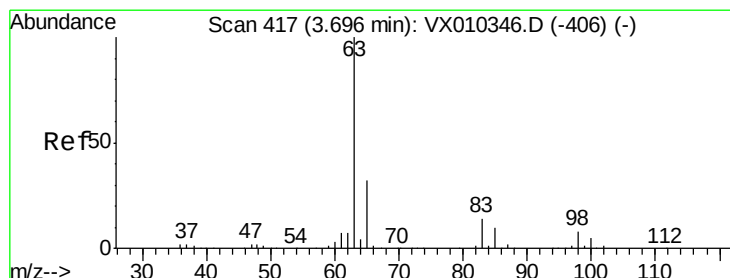
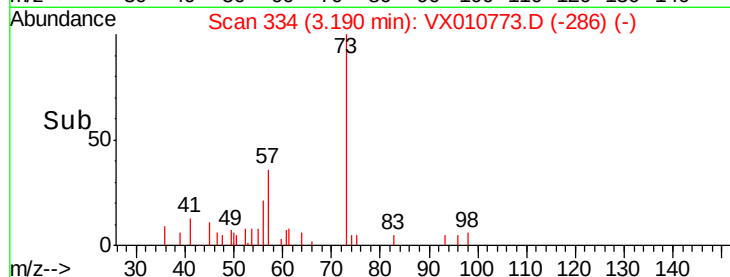
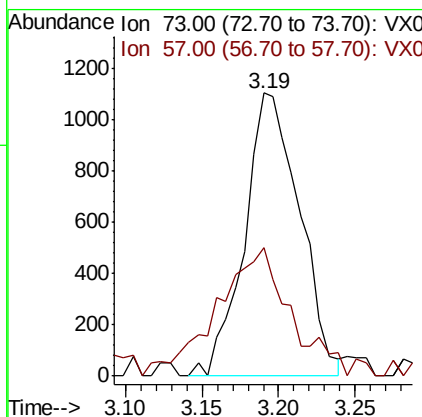
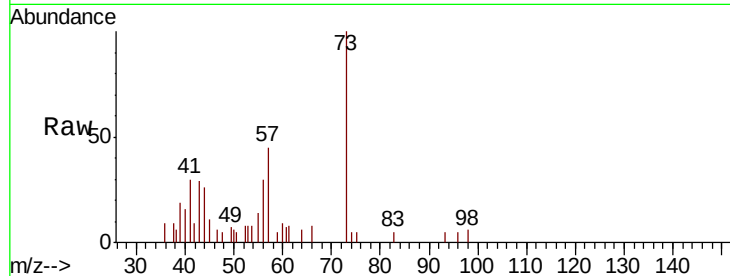




#19
Methyl tert-butyl Ether
Concen: 0.465 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

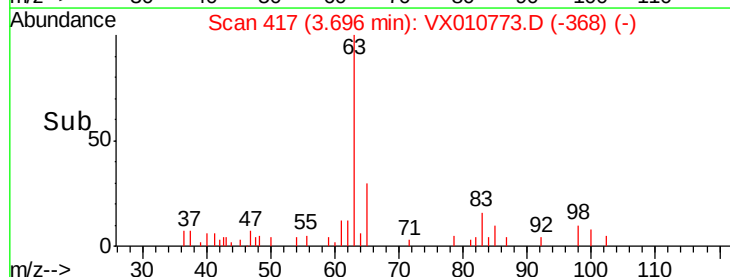
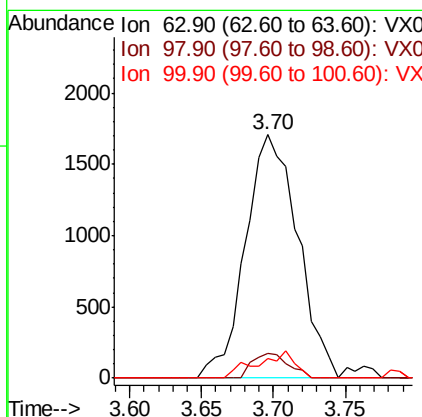
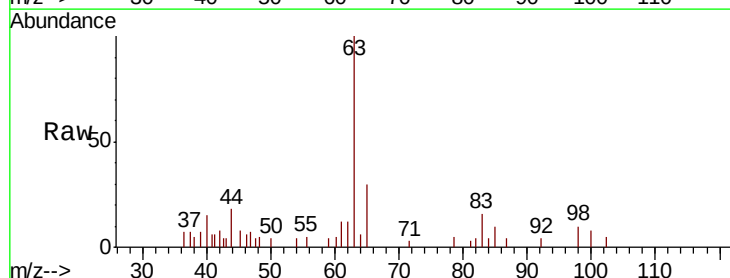
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

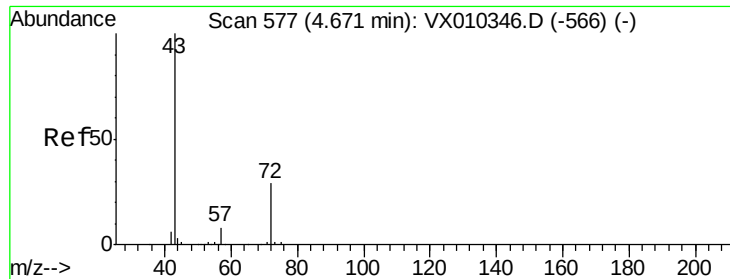
Tot Ion: 73 Resp: 2763
Ion Ratio Lower Upper
73 100
57 37.0 16.4 24.6#



#24
1,1-Dichloroethane
Concen: 1.331 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 63 Resp: 4314
Ion Ratio Lower Upper
63 100
98 10.4 3.9 11.7
100 8.1 2.4 7.1#





#25

2-Butanone

Concen: 0.420 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

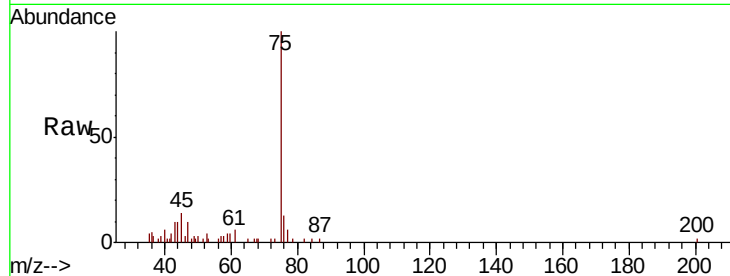
SP19-JMW0980

Tot Ion: 43 Resp: 631

Ion Ratio Lower Upper

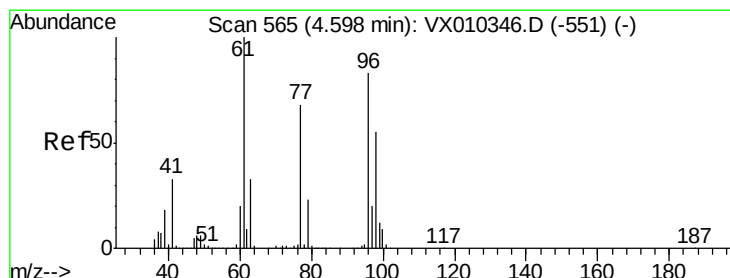
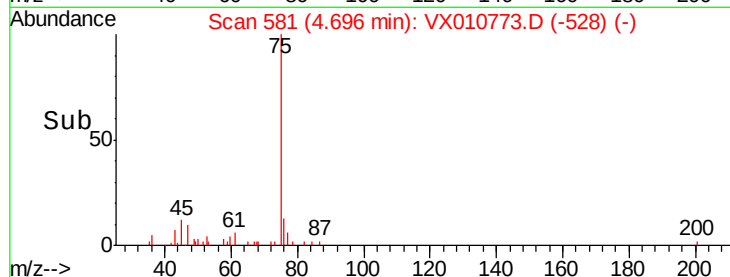
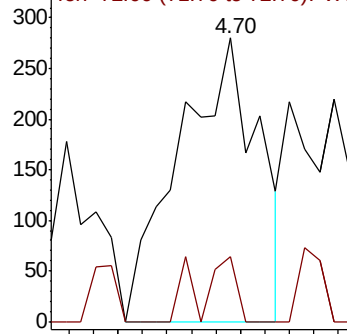
43 100

72 22.9 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.361 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

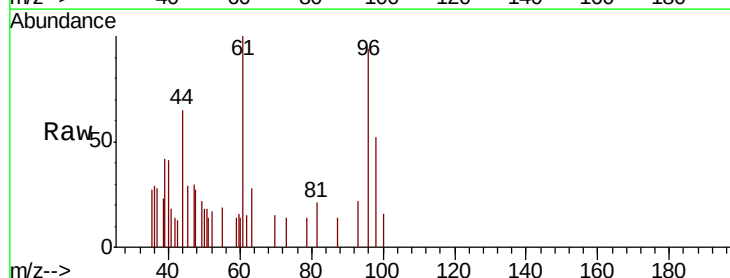
Tgt Ion: 96 Resp: 848

Ion Ratio Lower Upper

96 100

61 0.0 0.0 251.8

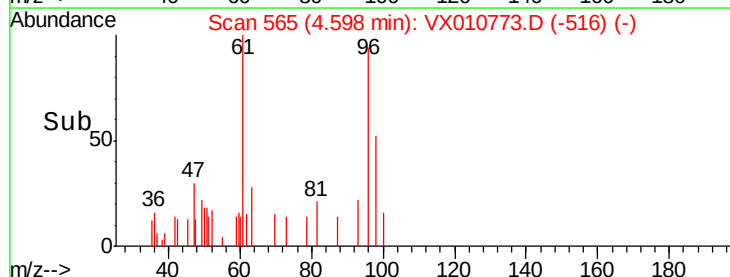
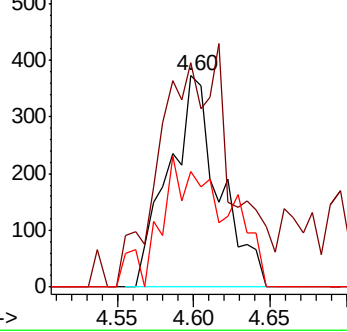
98 65.7 0.0 129.4

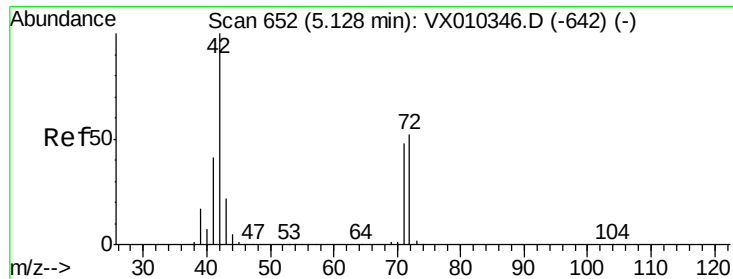


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 6.851 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0980

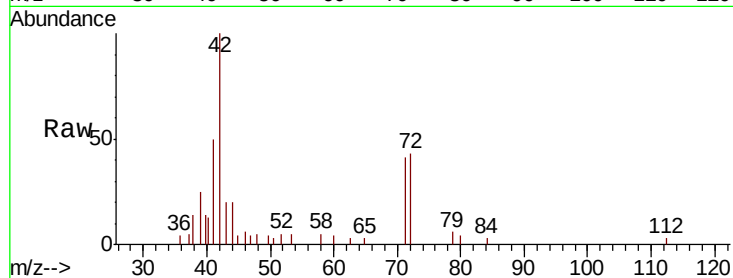
Tot Ion: 42 Resp: 6376

Ion Ratio Lower Upper

42 100

72 48.7 40.6 60.8

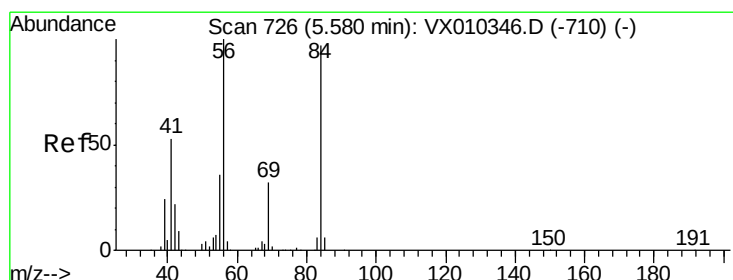
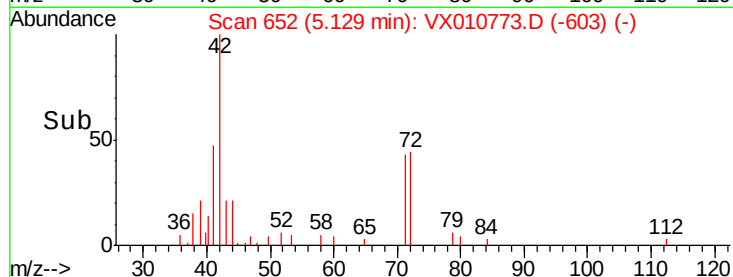
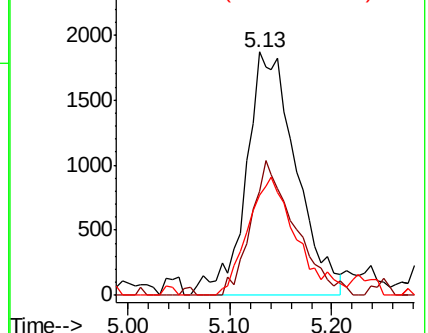
71 46.9 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.434 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

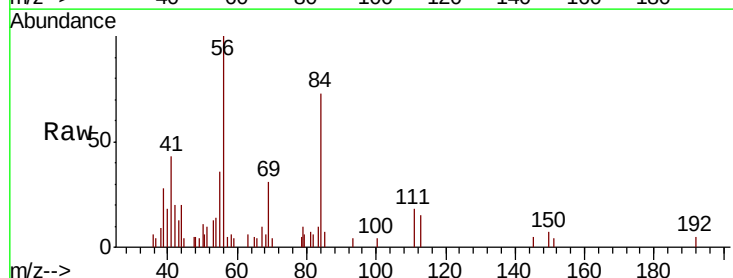
Tgt Ion: 56 Resp: 4234

Ion Ratio Lower Upper

56 100

69 31.5 25.9 38.9

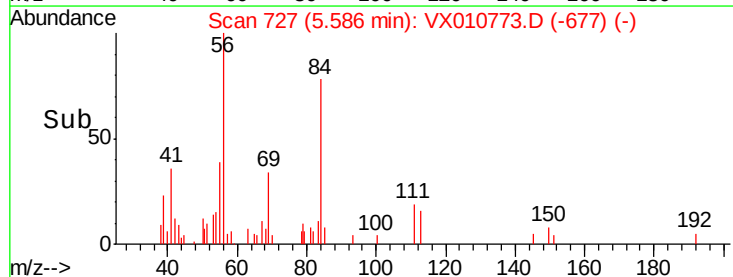
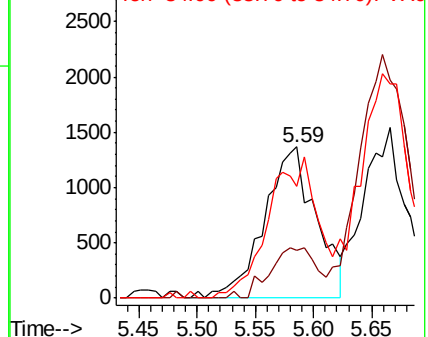
84 69.1 78.0 117.0#

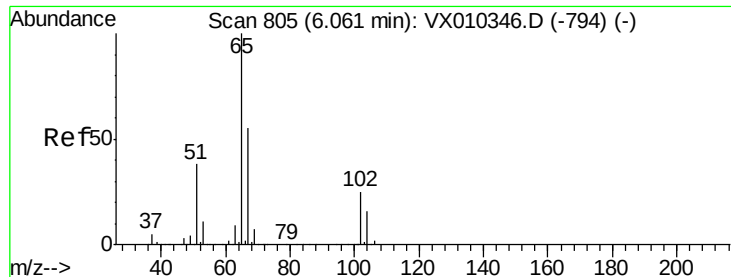


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

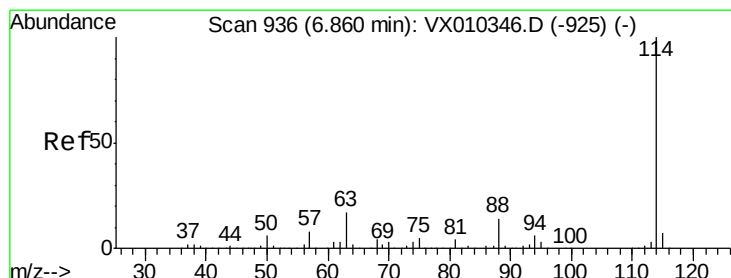
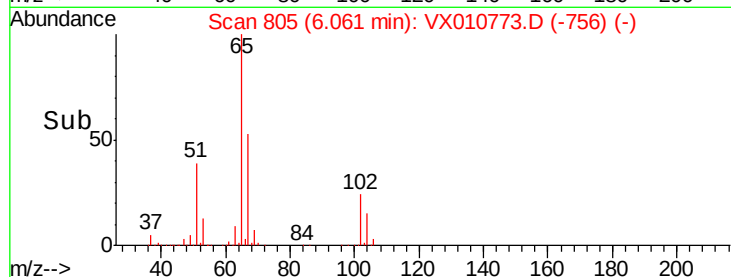
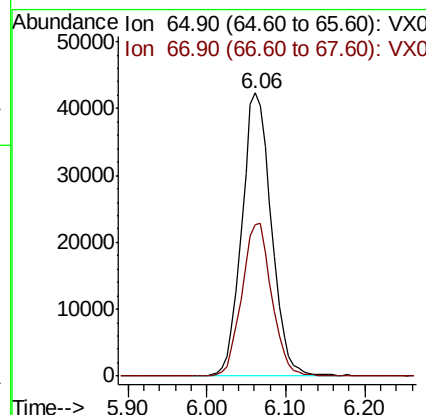
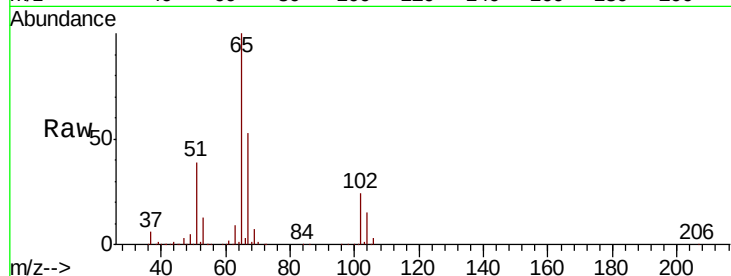




#33
 1,2-Dichloroethane-d4
 Concen: 54.036 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010773.D
 Acq: 10 Jul 2019 13:39

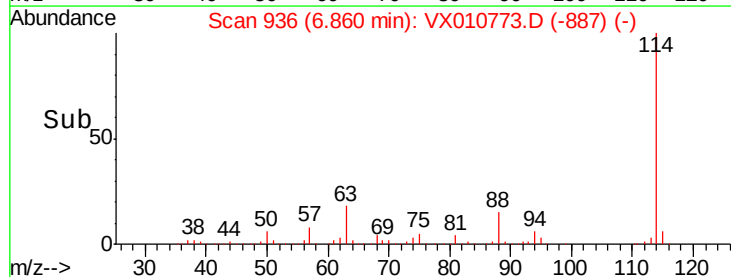
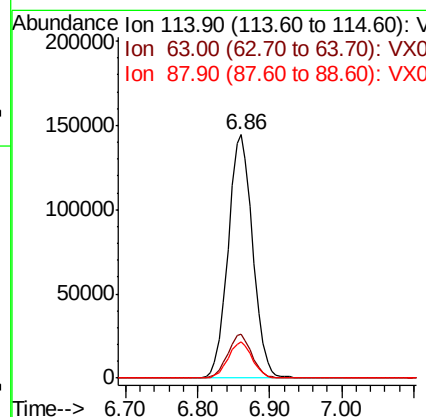
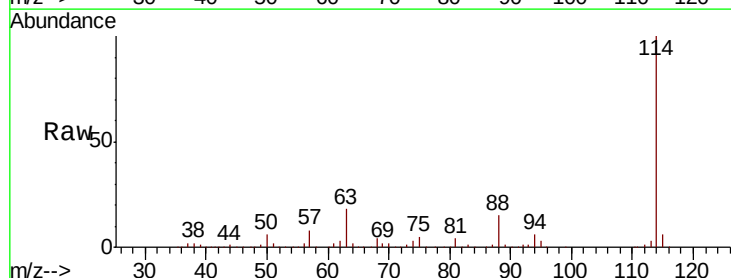
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0980

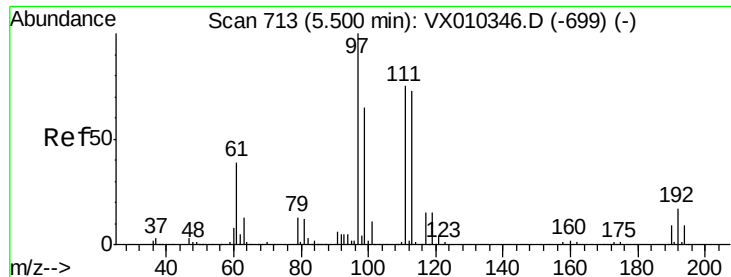
Tot Ion: 65 Resp: 110445
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010773.D
 Acq: 10 Jul 2019 13:39

Tgt Ion: 114 Resp: 342619
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.8
 88 14.8 0.0 27.6

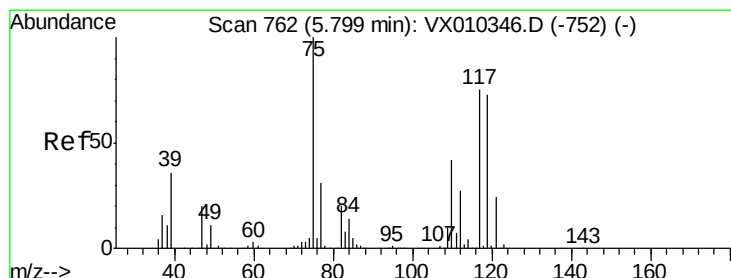
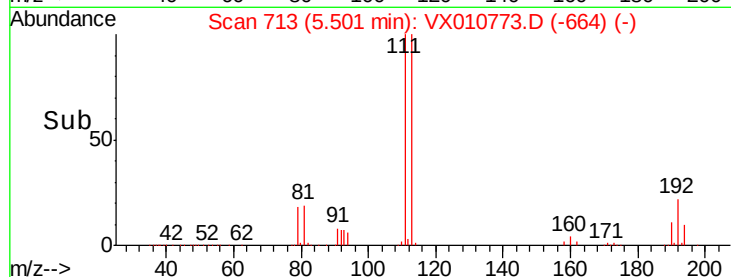
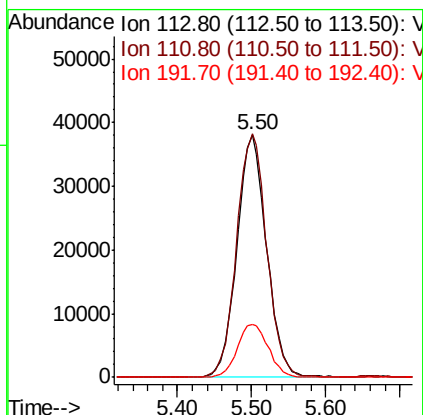
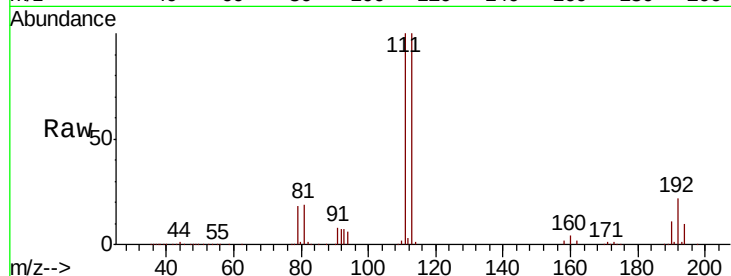




#35
Dibromofluoromethane
Concen: 50.722 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

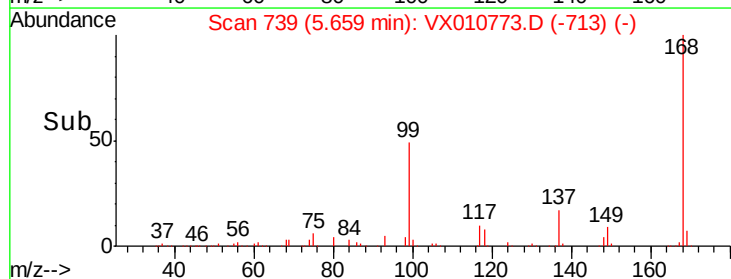
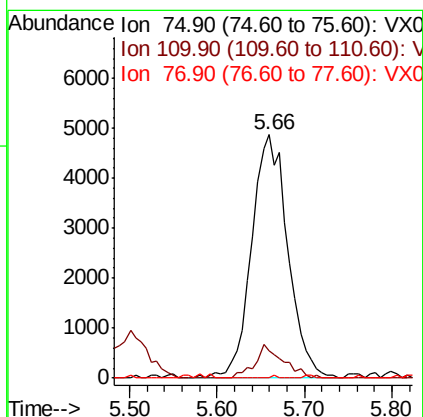
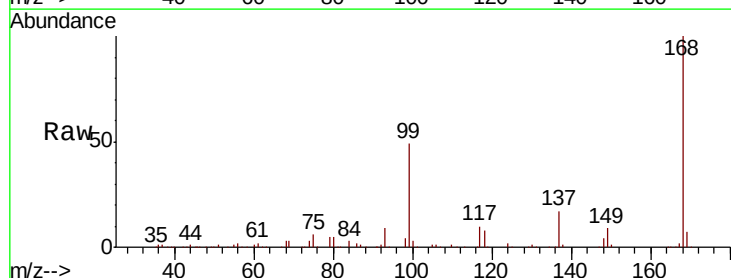
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

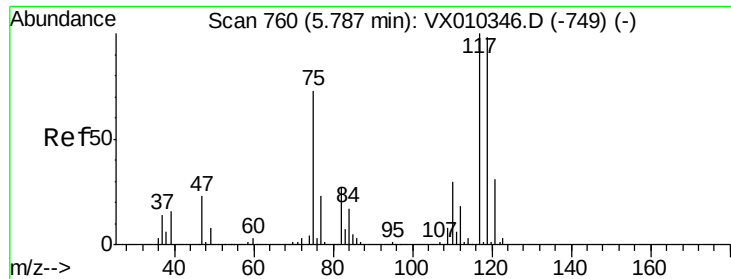
Tot Ion:113 Resp: 106326
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 22.9 18.6 27.8



#36
1,1-Dichloropropene
Concen: 5.156 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 75 Resp: 14037
Ion Ratio Lower Upper
75 100
110 10.8 20.8 62.2#
77 0.2 25.4 38.0#

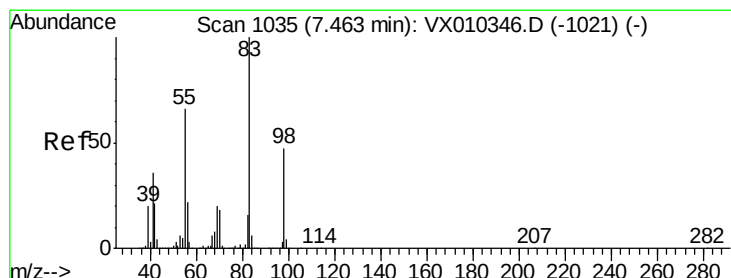
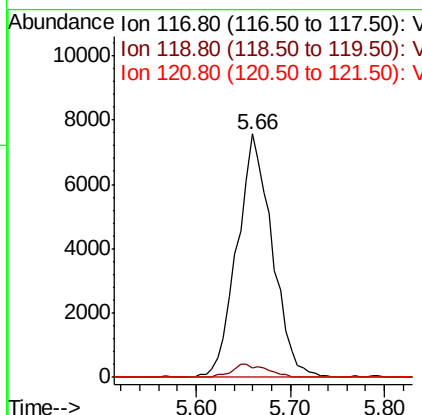
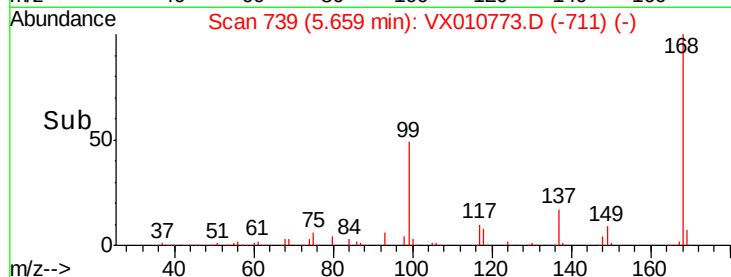
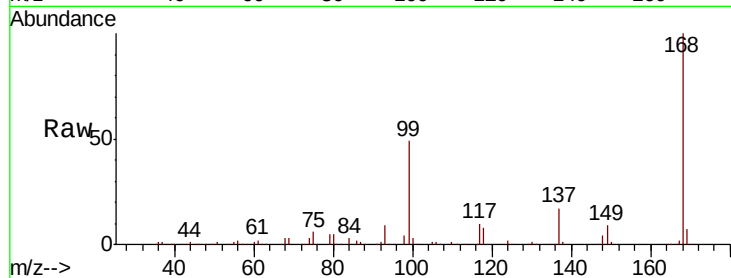




#38
Carbon Tetrachloride
Concen: 6.689 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

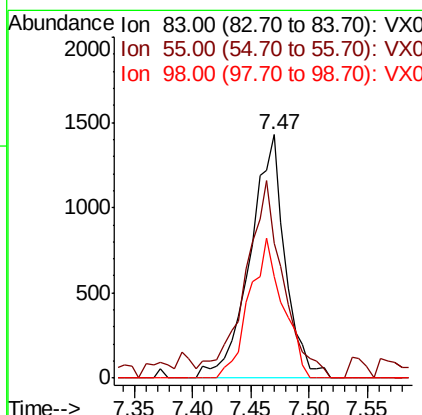
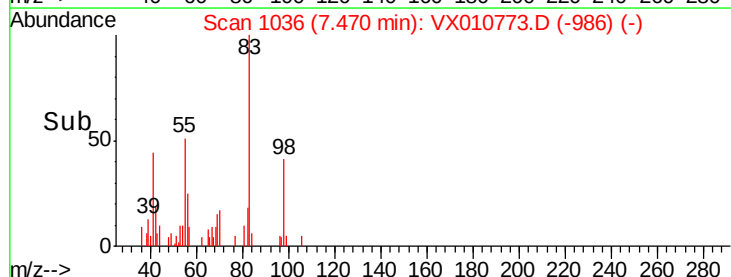
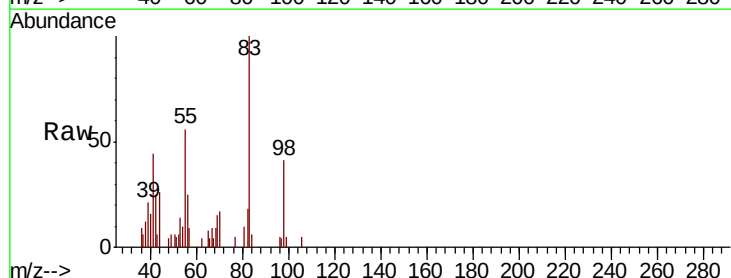
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

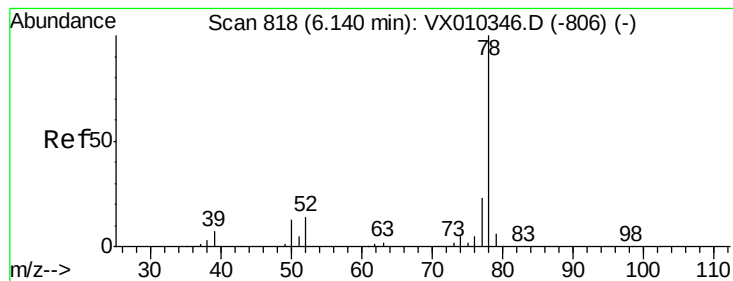
Tot Ion:117 Resp: 19721
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.4#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.835 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 83 Resp: 2988
Ion Ratio Lower Upper
83 100
55 55.6 53.0 79.6
98 41.5 37.8 56.8





#40

Benzene

Concen: 3.278 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

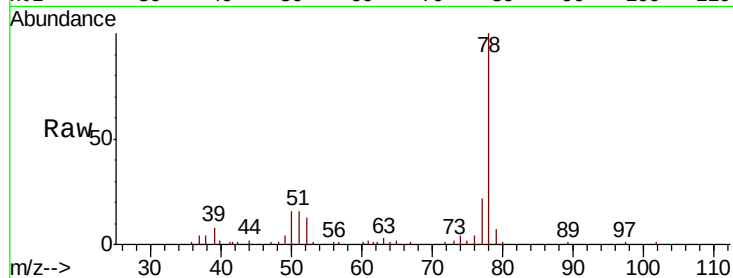
SP19-JMW0980

Tot Ion: 78 Resp: 27801

Ion Ratio Lower Upper

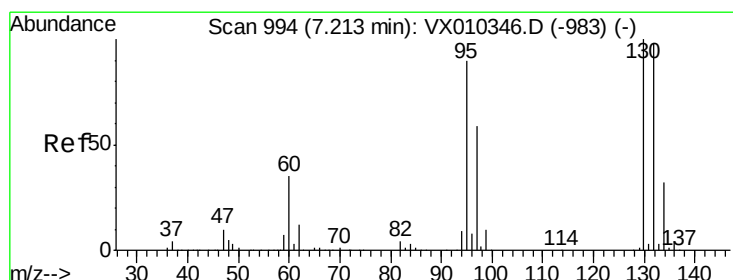
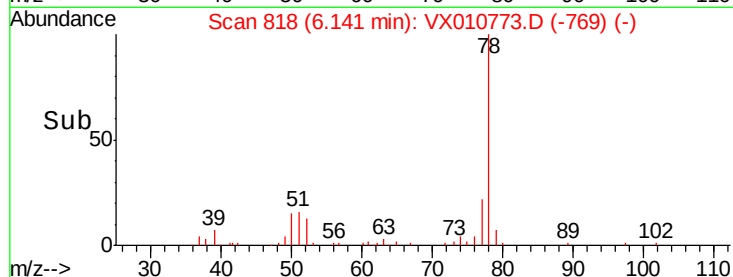
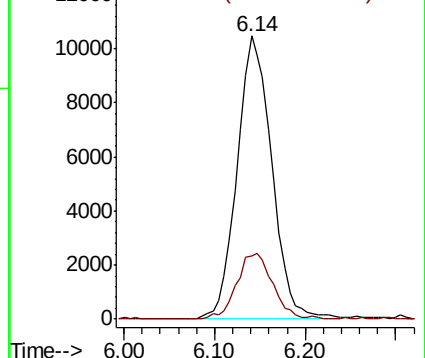
78 100

77 22.2 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 0.340 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010773.D

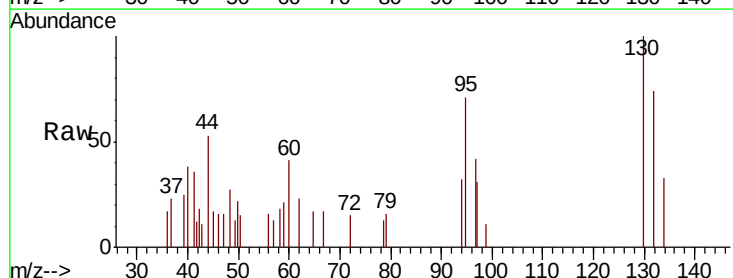
Acq: 10 Jul 2019 13:39

Tgt Ion: 130 Resp: 864

Ion Ratio Lower Upper

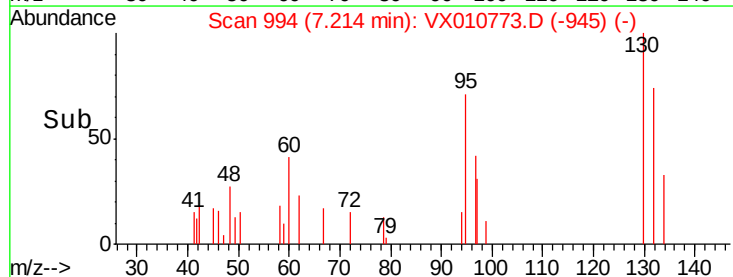
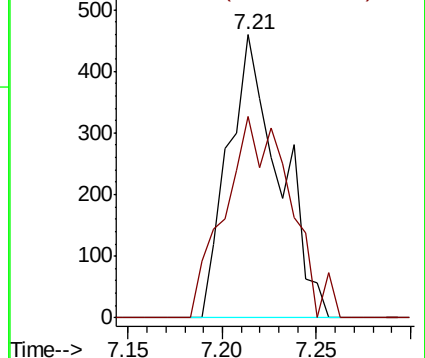
130 100

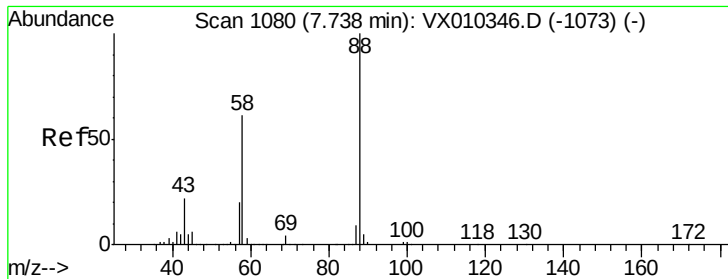
95 71.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

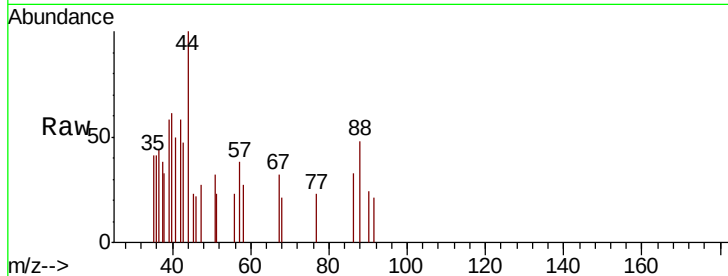




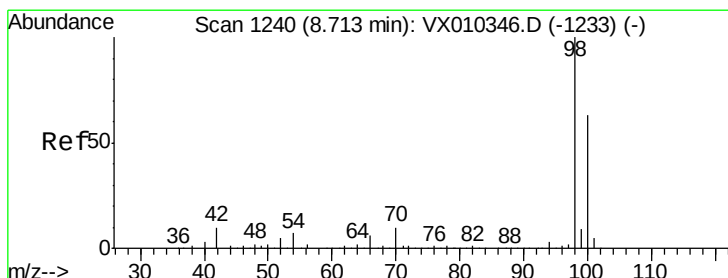
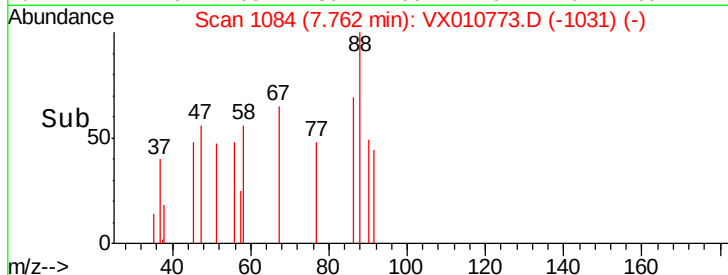
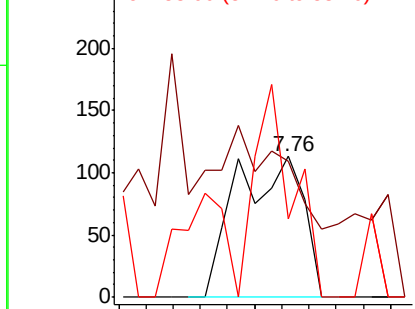
#49
1,4-Dioxane
Concen: 3.078 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tot Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
43 125.7 20.2 30.2#
58 86.4 49.5 74.3#

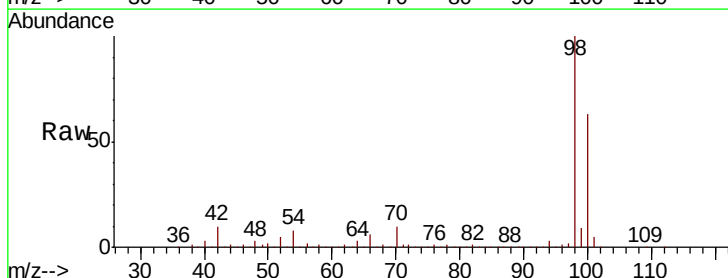


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

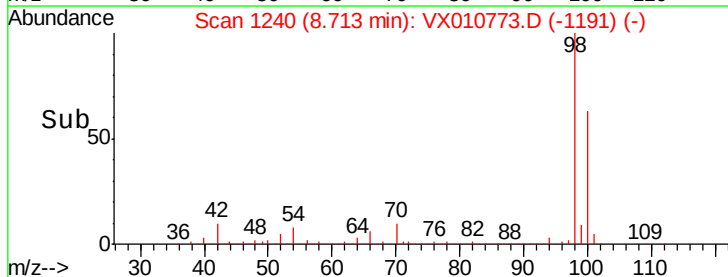
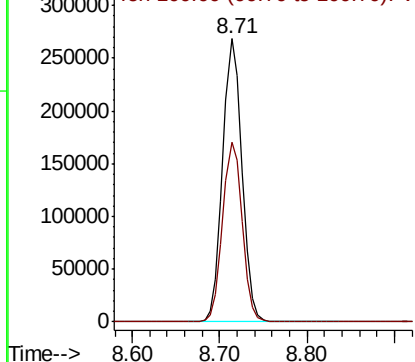


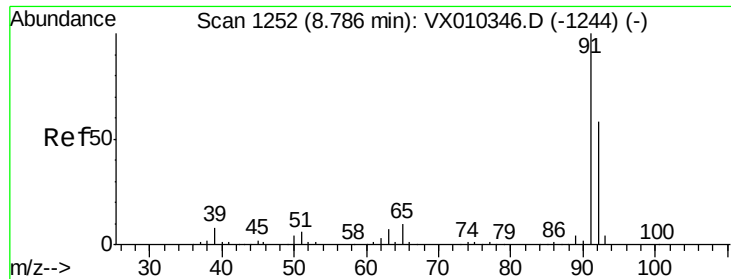
#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion: 98 Resp: 410893
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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





#52

Toluene

Concen: 0.232 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

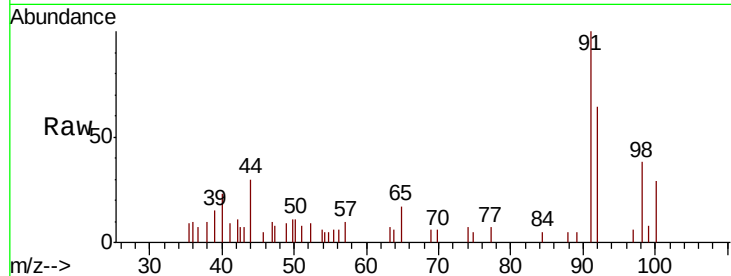
SP19-JMW0980

Tot Ion: 92 Resp: 1298

Ion Ratio Lower Upper

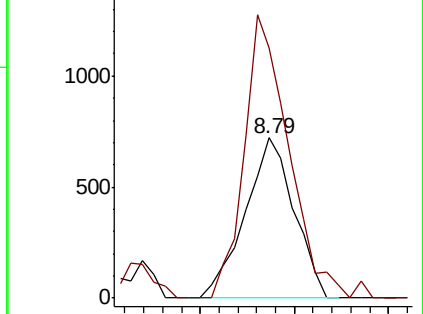
92 100

91 159.9 139.8 209.6

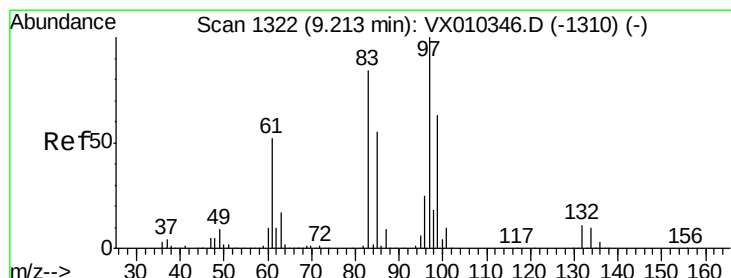
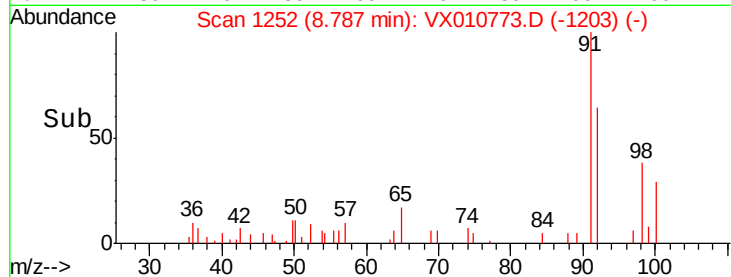


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.582 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.04 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Tgt Ion: 97 Resp: 1340

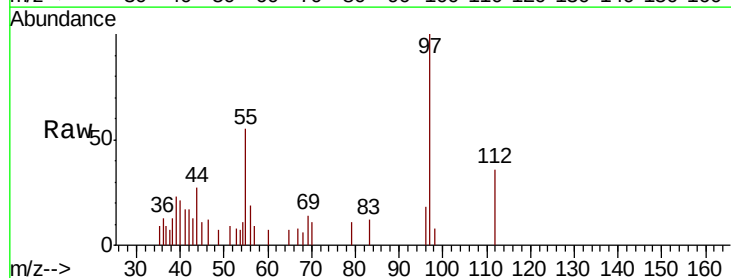
Ion Ratio Lower Upper

97 100

83 11.5 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

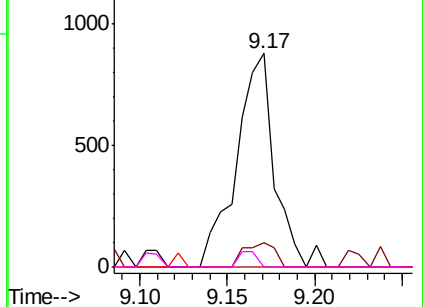


Abundance Ion 96.90 (96.60 to 97.60): VX0

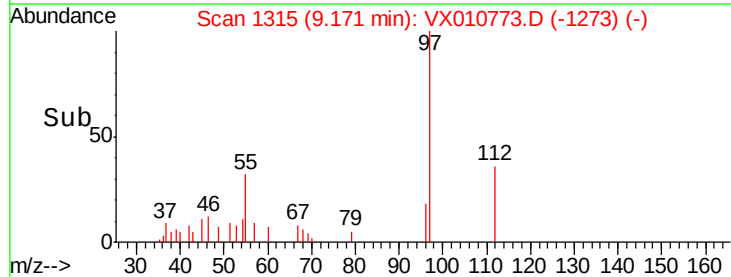
Ion 82.90 (82.60 to 83.60): VX0

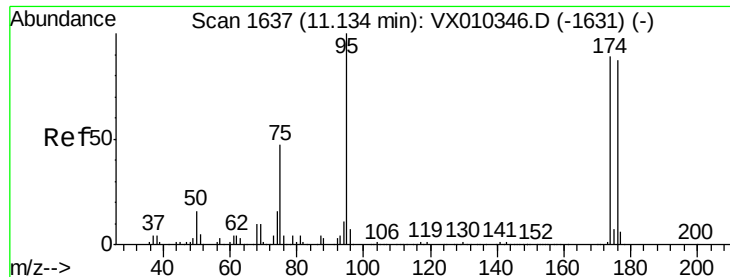
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->

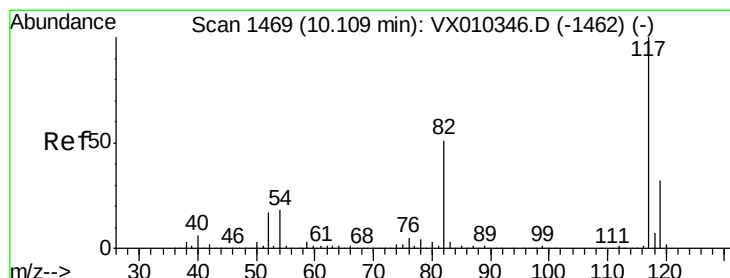
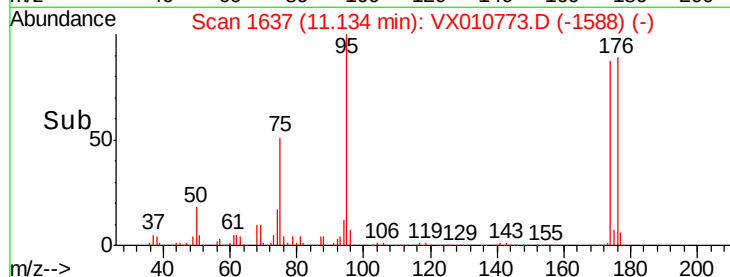
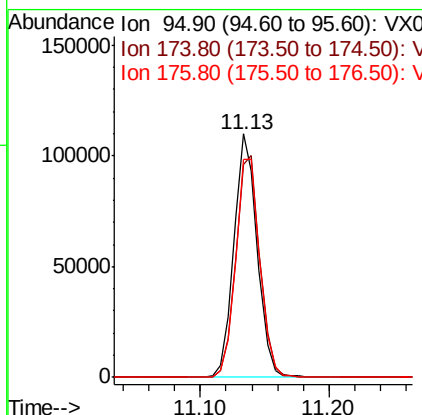
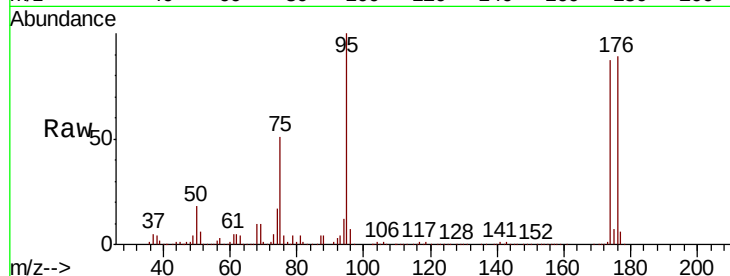




#62
4-Bromofluorobenzene
Concen: 47.739 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

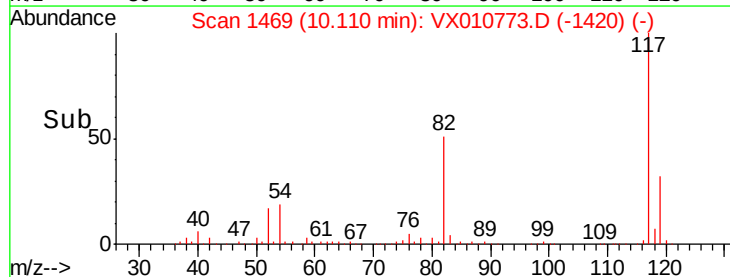
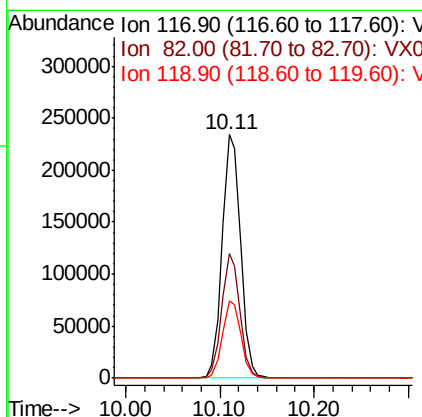
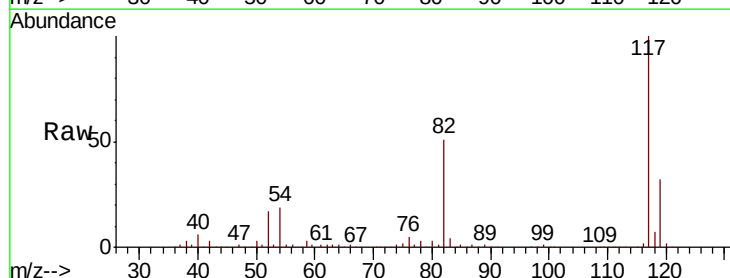
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

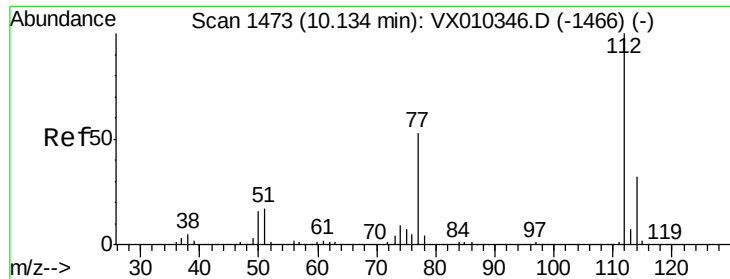
Tot Ion	95	Resp	138225
Ion Ratio	100		
Lower			
Upper			
174	93.8	0.0	187.6
176	93.3	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion	117	Resp	316939
Ion Ratio	100		
Lower			
Upper			
82	51.4	41.2	61.8
119	31.6	25.5	38.3

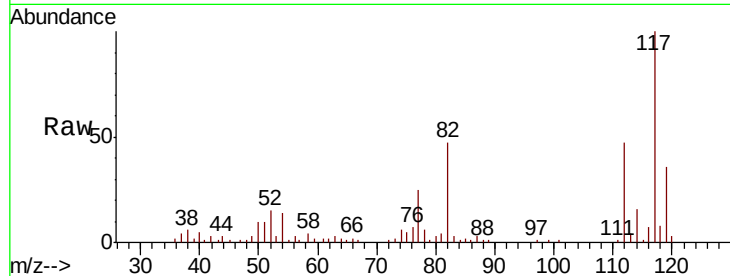




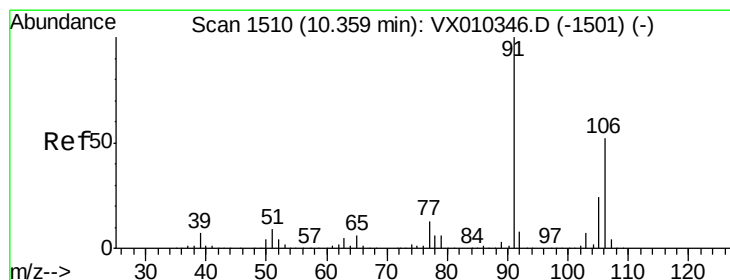
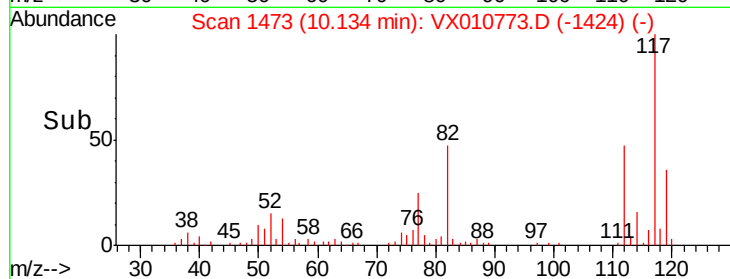
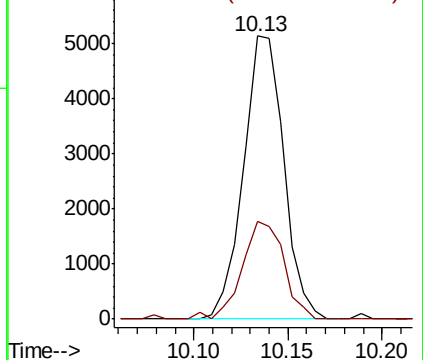
#65
Chlorobenzene
Concen: 1.185 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tot Ion:112 Resp: 7628
Ion Ratio Lower Upper
112 100
114 34.5 25.4 38.2

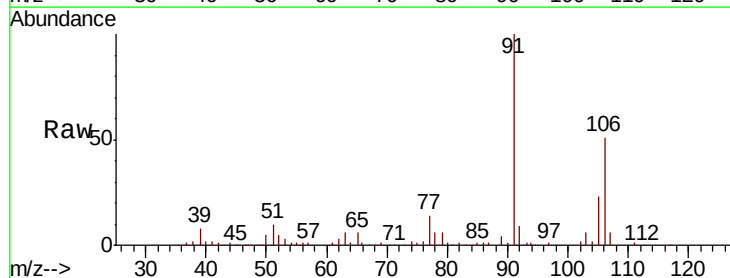


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

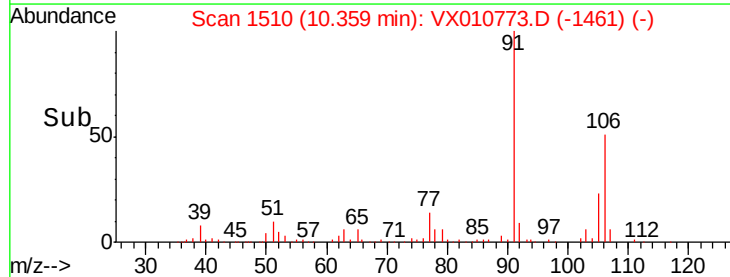
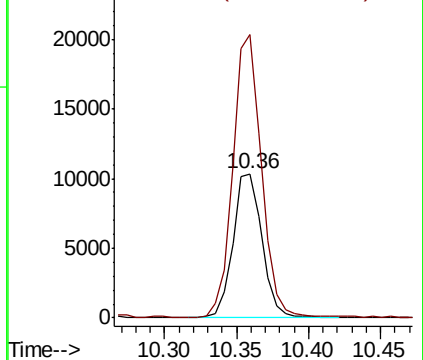


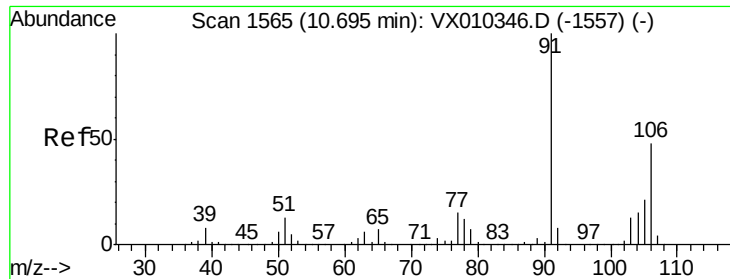
#68
m/p-Xylenes
Concen: 3.491 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:106 Resp: 14694
Ion Ratio Lower Upper
106 100
91 192.6 155.3 232.9



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

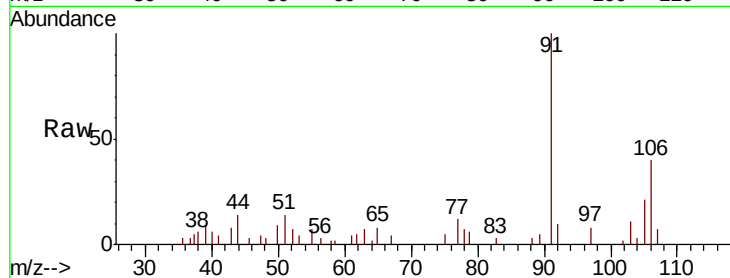




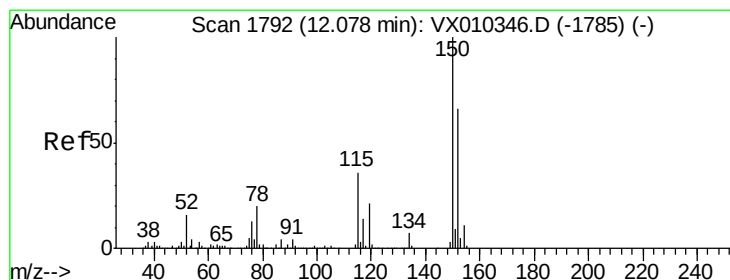
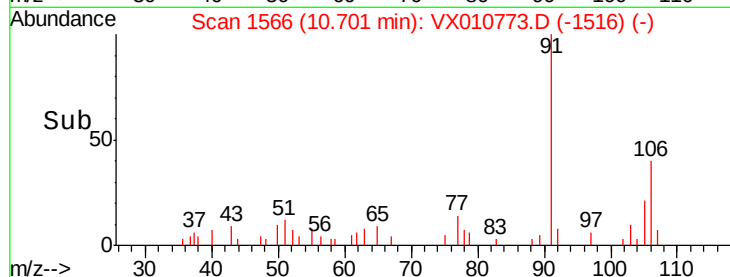
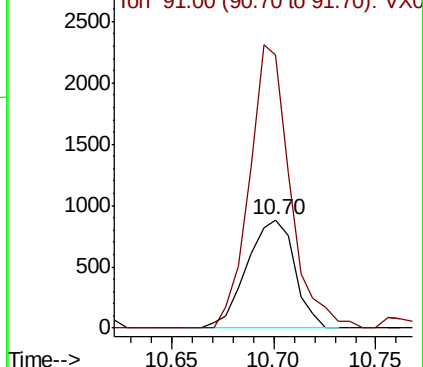
#69
o-Xylene
Concen: 0.346 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tot Ion:106 Resp: 1433
Ion Ratio Lower Upper
106 100
91 223.8 102.7 308.1

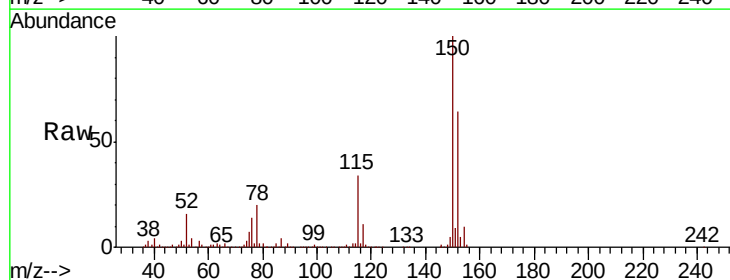


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

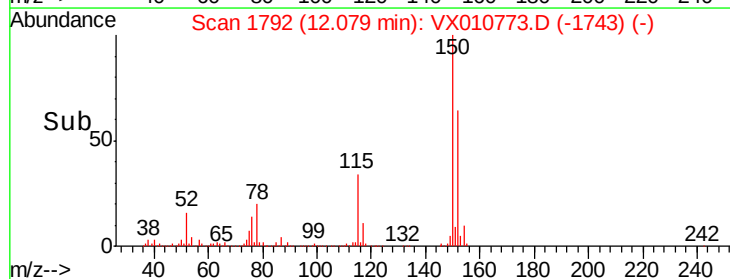
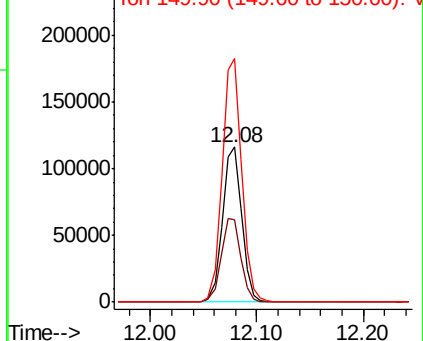


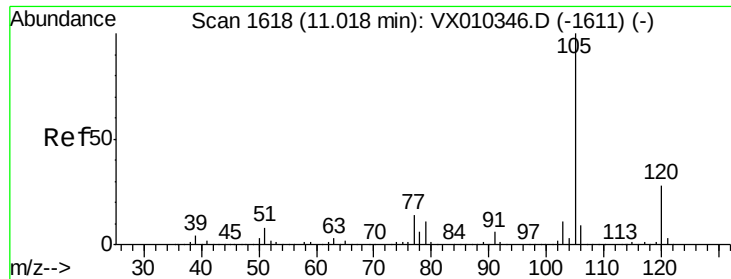
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Tgt Ion:152 Resp: 146856
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 159.4 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.932 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

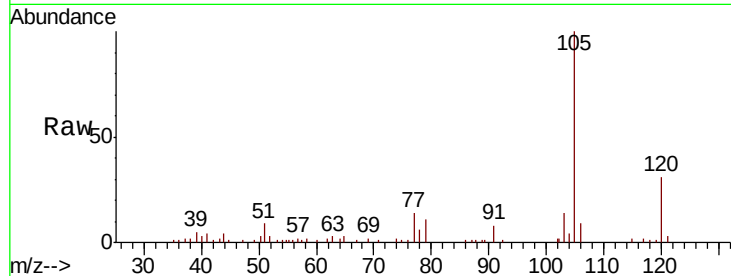
SP19-JMW0980

Tot Ion:105 Resp: 9274

Ion Ratio Lower Upper

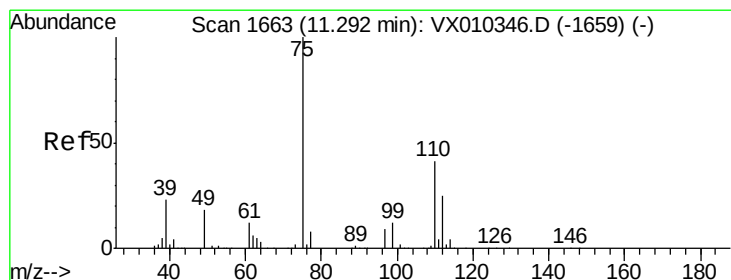
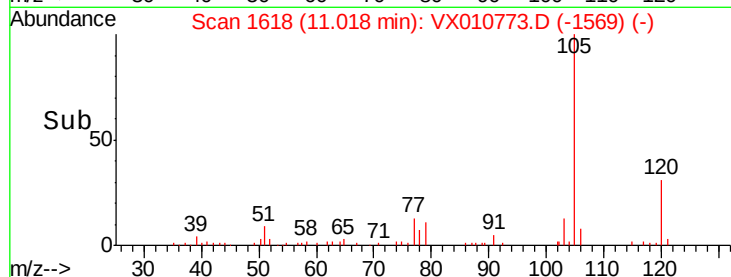
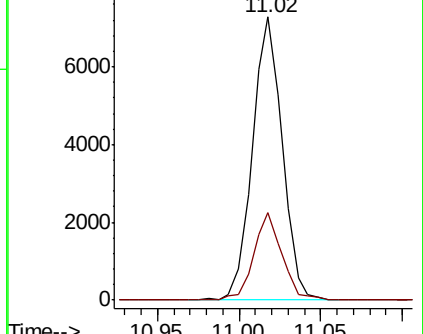
105 100

120 29.2 14.1 42.4



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: 25.712 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010773.D

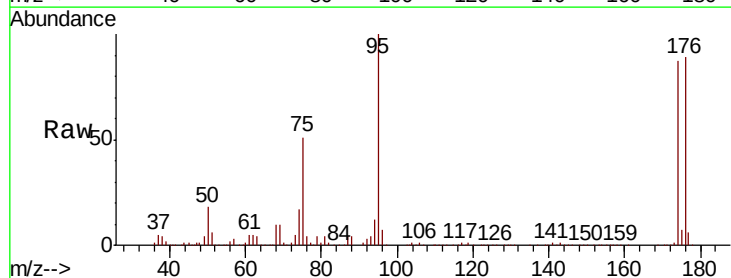
Acq: 10 Jul 2019 13:39

Tgt Ion: 75 Resp: 68808

Ion Ratio Lower Upper

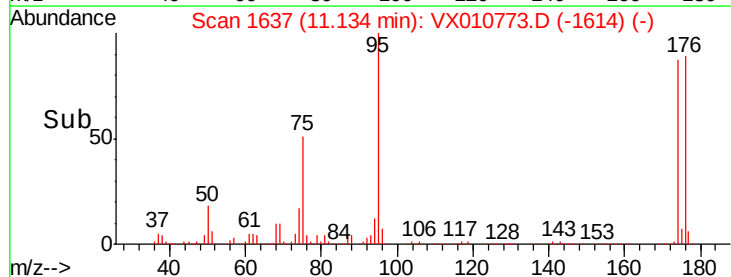
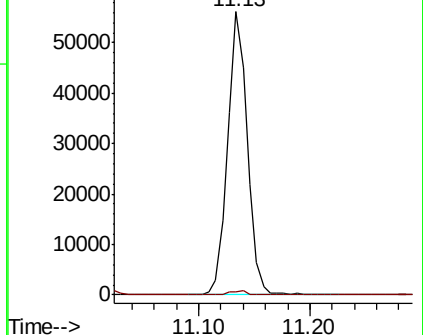
75 100

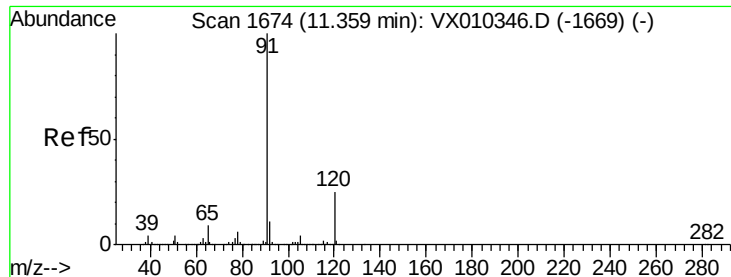
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.310 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

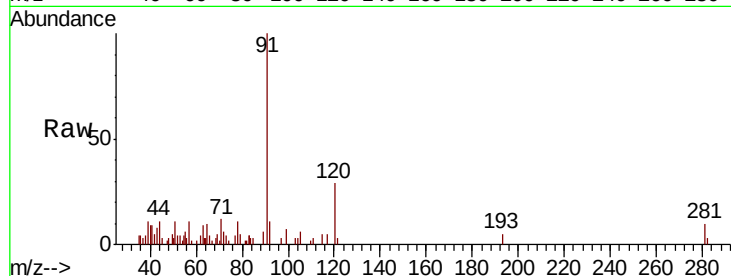
SP19-JMW0980

Tot Ion: 91 Resp: 3395

Ion Ratio Lower Upper

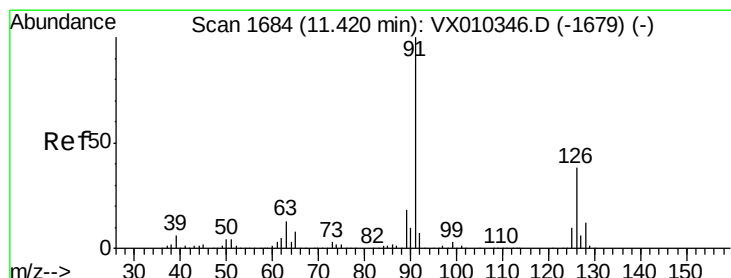
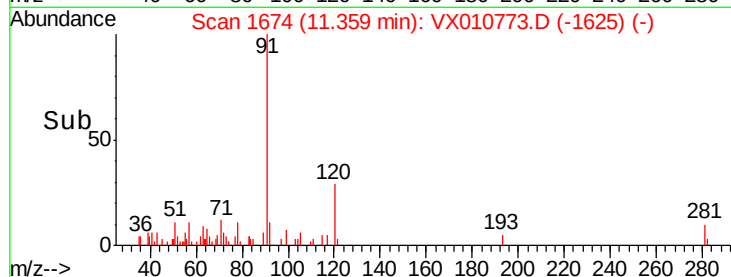
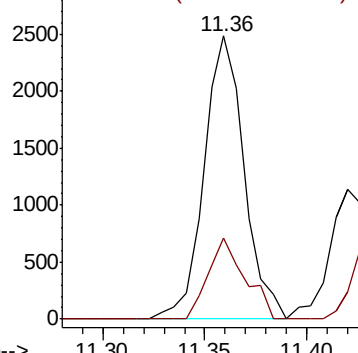
91 100

120 26.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.328 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010773.D

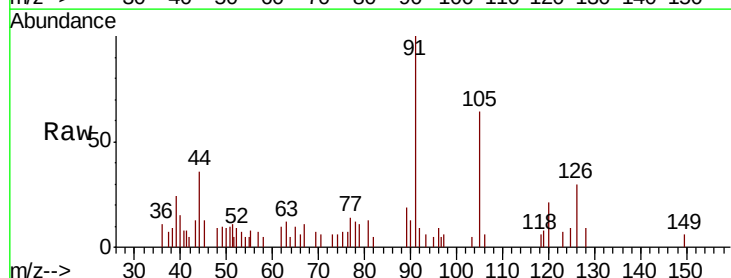
Acq: 10 Jul 2019 13:39

Tgt Ion: 91 Resp: 2134

Ion Ratio Lower Upper

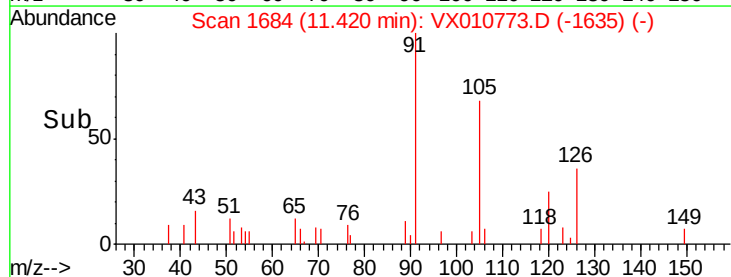
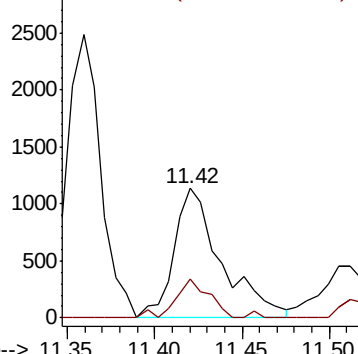
91 100

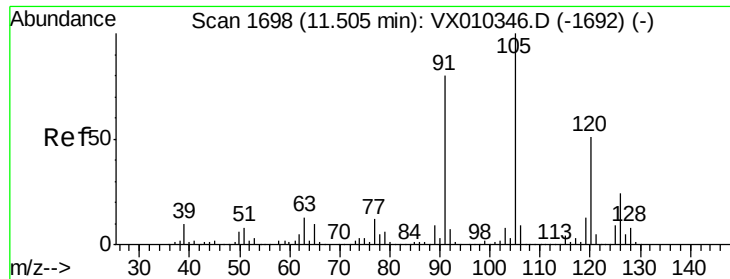
126 21.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

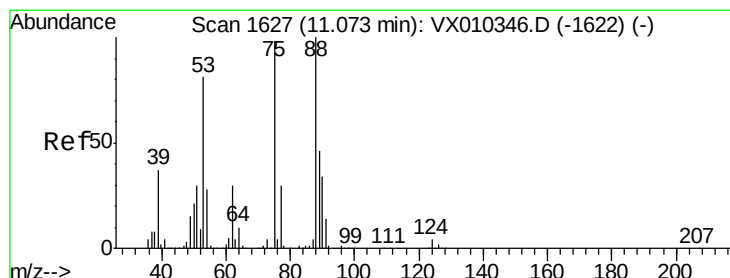
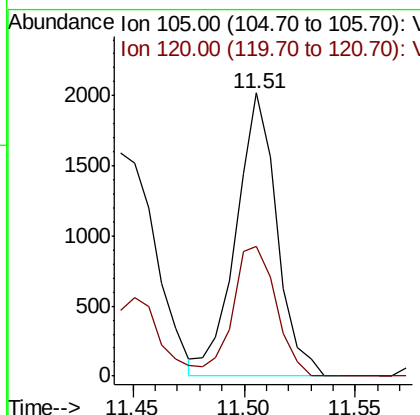
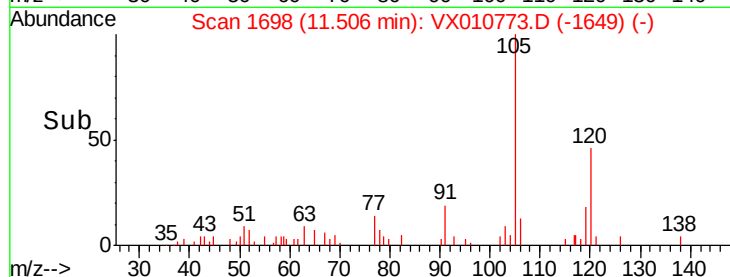
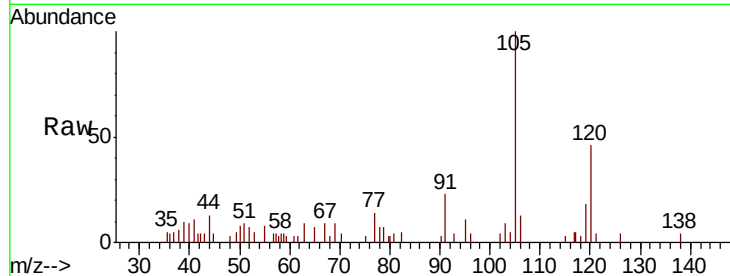




#80
 1,3,5-Trimethylbenzene
 Concen: 0.314 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010773.D
 Acq: 10 Jul 2019 13:39

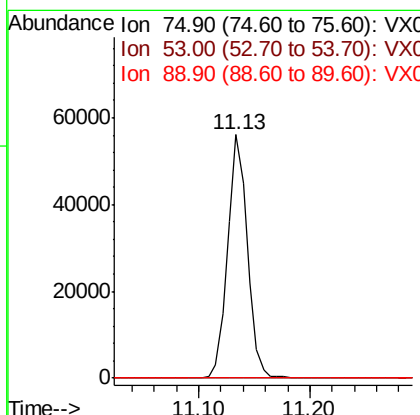
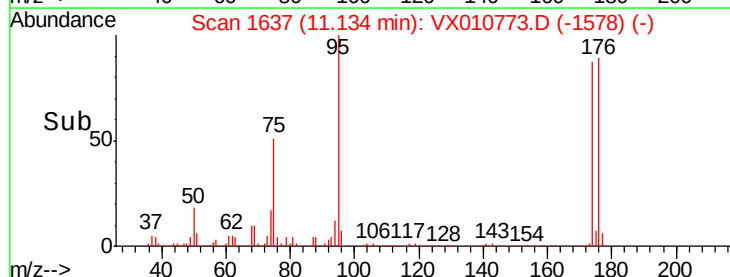
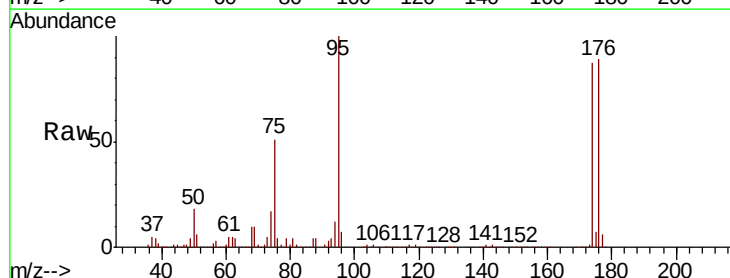
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0980

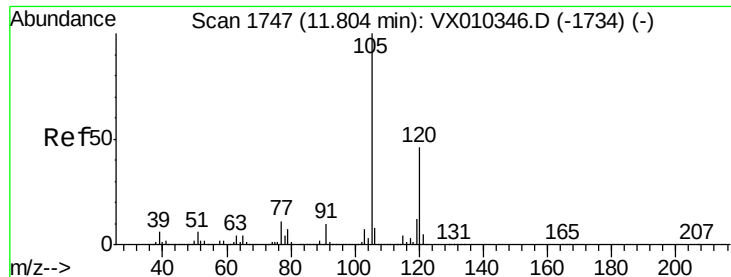
Tot Ion:105 Resp: 2581
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.983 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010773.D
 Acq: 10 Jul 2019 13:39

Tgt Ion: 75 Resp: 68808
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.120 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010773.D

Acq: 10 Jul 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

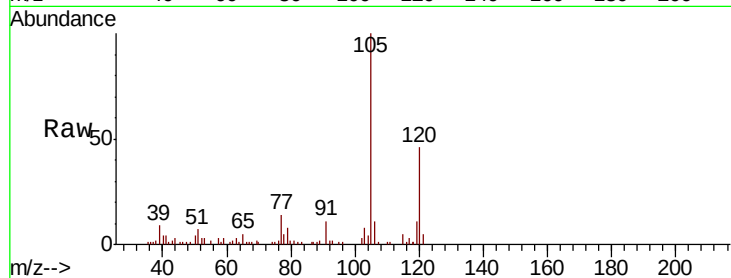
SP19-JMW0980

Tot Ion:105 Resp: 9231

Ion Ratio Lower Upper

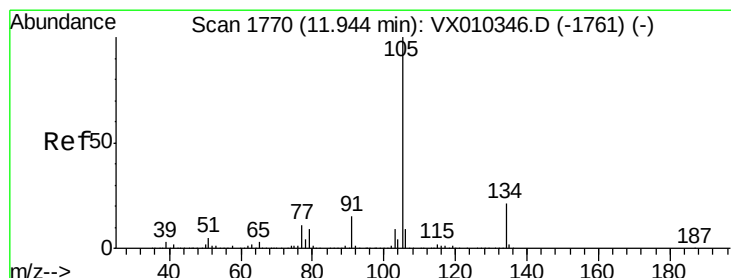
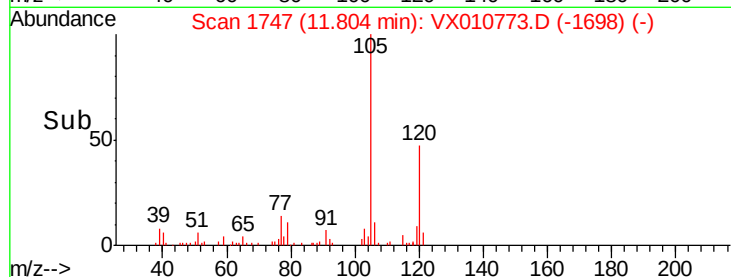
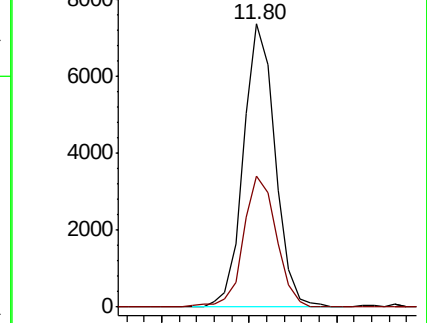
105 100

120 48.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.383 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010773.D

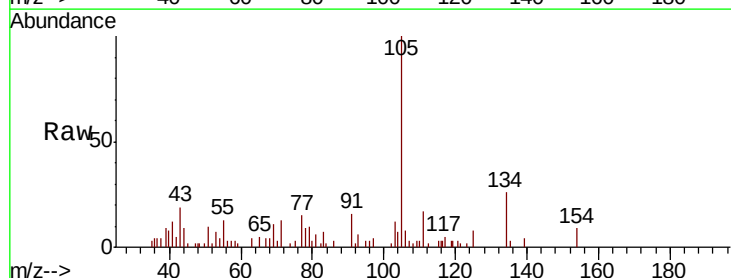
Acq: 10 Jul 2019 13:39

Tgt Ion:105 Resp: 3707

Ion Ratio Lower Upper

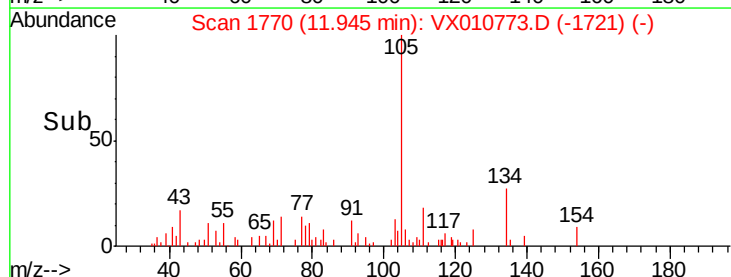
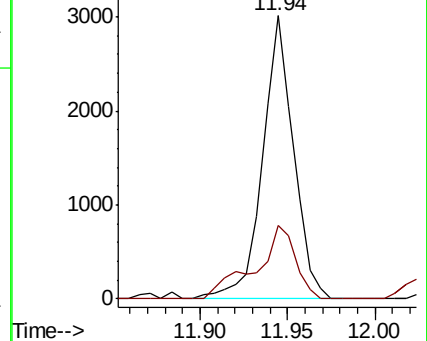
105 100

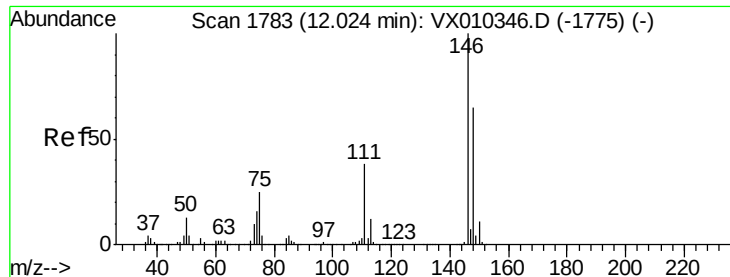
134 33.7 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

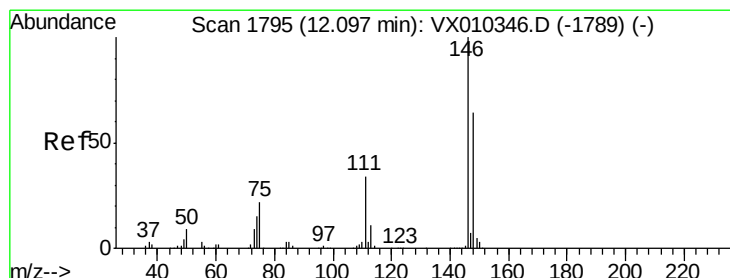
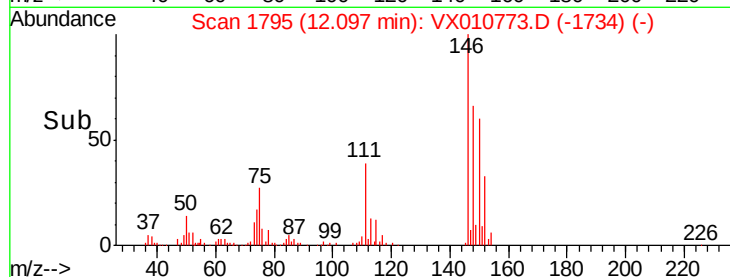
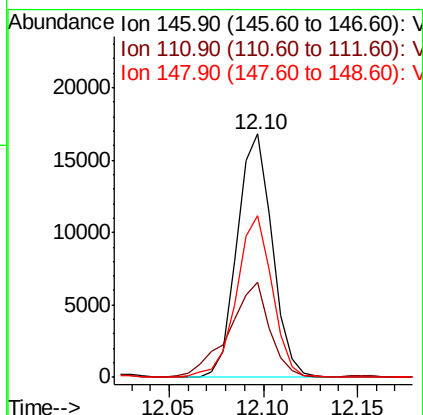
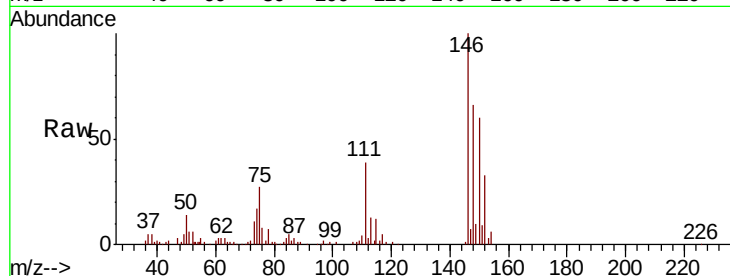




#87
 1,3-Dichlorobenzene
 Concen: 4.463 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.07 min
 Lab File: VX010773.D
 Acq: 10 Jul 2019 13:39

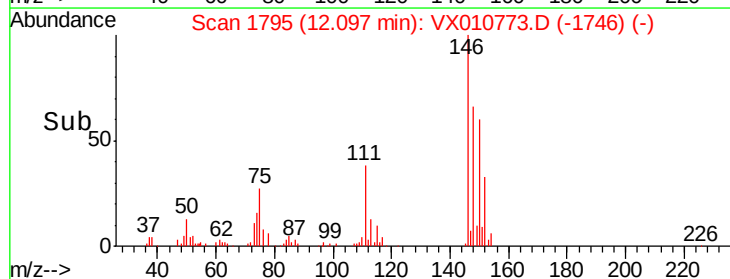
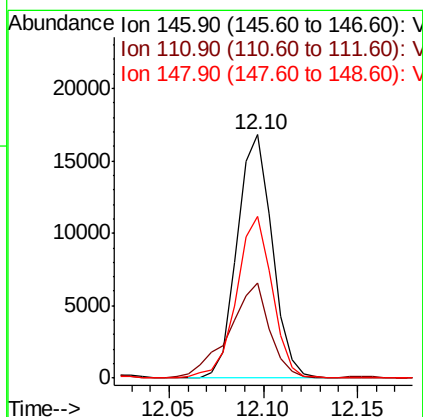
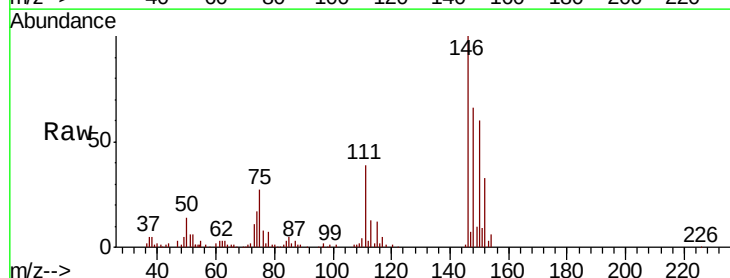
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0980

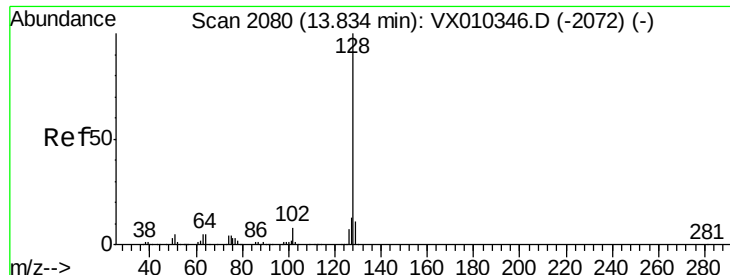
Tot Ion:146 Resp: 21656
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.1 57.1
 148 67.7 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 4.384 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010773.D
 Acq: 10 Jul 2019 13:39

Tgt Ion:146 Resp: 21656
 Ion Ratio Lower Upper
 146 100
 111 45.7 18.1 54.3
 148 67.7 32.1 96.3





#95
Naphthalene
Concen: 0.845 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010773.D
Acq: 10 Jul 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0980

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.9	10.2	15.4#
129	18.2	8.9	13.3#

