

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010492.D
 Acq On : 27 Jun 2019 16:30
 Operator : JC/SP
 Sample : K3565-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0574

Quant Time: Jun 28 06:48:39 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	261411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177349	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	121113	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	5.50	113	118718	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	468097	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	164464	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	390	0.345	ug/l #	18
11) Tert butyl alcohol	3.03	59	1499	2.337	ug/l #	74
13) Acrolein	2.31	56	164	0.385	ug/l #	14
14) Allyl chloride	2.85	41	5362	1.667	ug/l #	59
16) Acetone	2.45	43	1344	1.094	ug/l	90
18) Methyl Acetate	2.85	43	11123	4.543	ug/l #	49
25) 2-Butanone	4.69	43	2027	1.125	ug/l #	62
29) Tetrahydrofuran	5.13	42	267	0.239	ug/l #	28
31) Cyclohexane	5.59	56	70185	19.825	ug/l	99
36) 1,1-Dichloropropene	5.66	75	15647	4.956	ug/l #	49
38) Carbon Tetrachloride	5.66	117	22595	6.609	ug/l #	17
39) Methylcyclohexane	7.46	83	53798	12.963	ug/l	97
48) Methyl methacrylate	7.73	41	3367	1.348	ug/l #	53
49) 1,4-Dioxane	7.75	88	44	0.611	ug/l #	1
52) Toluene	8.79	92	16261	2.510	ug/l	98
59) 2-Hexanone	9.50	43	671	0.248	ug/l	72
67) Ethyl Benzene	10.25	91	2026639	161.923	ug/l	99
68) m/p-Xylenes	10.36	106	1390038	286.626	ug/l	99
69) o-Xylene	10.70	106	799205	167.577	ug/l	100
70) Styrene	10.70	104	38940	4.869	ug/l #	1
73) Isopropylbenzene	11.02	105	504746	41.985	ug/l	99
76) 1,2,3-Trichloropropane	11.36	75	4918	1.522	ug/l #	1
78) n-propylbenzene	11.36	91	717447	54.299	ug/l	99
79) 2-Chlorotoluene	11.43	91	395429	50.259	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	1253704	126.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	5351	3.863	ug/l #	52
82) 4-Chlorotoluene	11.51	91	127585	14.251	ug/l #	42
83) tert-Butylbenzene	11.81	119	593644	59.679	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.81	105	4641207	466.115	ug/l	99
85) sec-Butylbenzene	11.81	105	4641207	397.382	ug/l #	55
86) p-Isopropyltoluene	12.02	119	113553	10.511	ug/l	97
89) n-Butylbenzene	12.37	91	41576	4.529	ug/l #	1
90) Hexachloroethane	12.58	117	15816	8.467	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1674	1.950	ug/l #	1

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

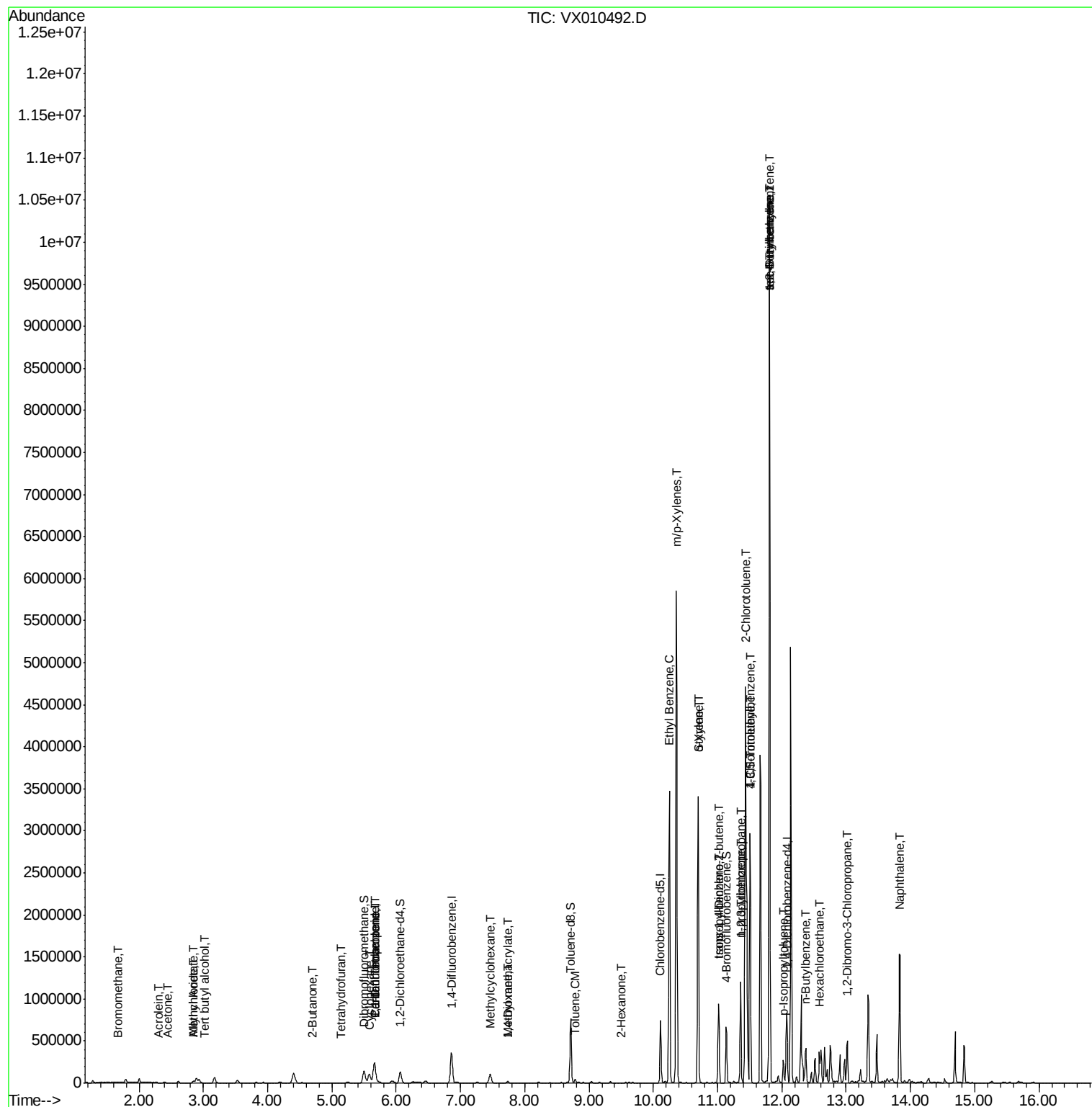
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	994326	80.115	ug/l	100

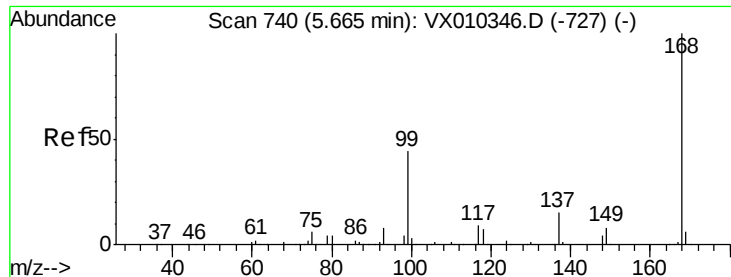
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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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: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

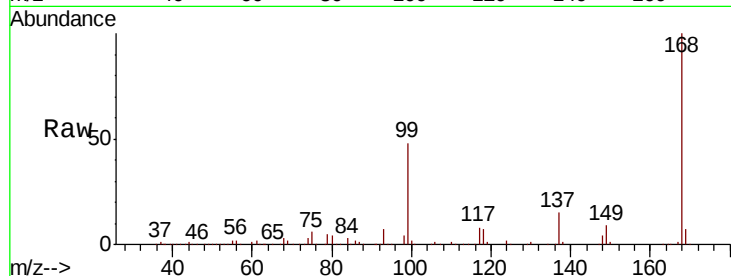
FL-0574

Tot Ion:168 Resp: 261411

Ion Ratio Lower Upper

168 100

99 48.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

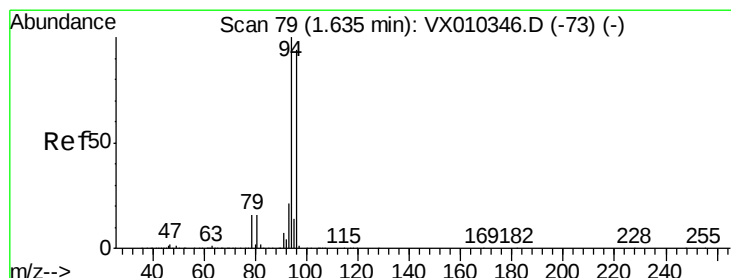
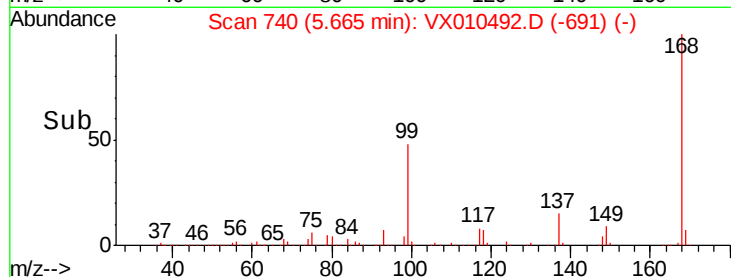
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.345 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010492.D

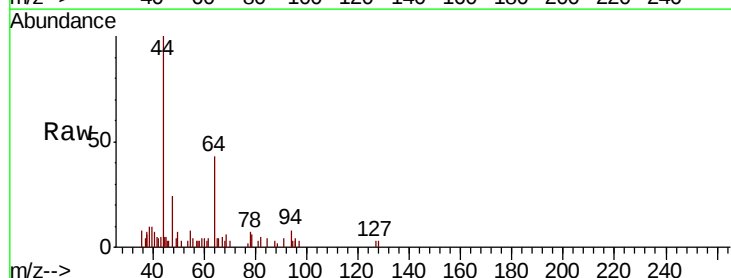
Acq: 27 Jun 2019 16:30

Tgt Ion: 94 Resp: 390

Ion Ratio Lower Upper

94 100

96 15.1 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

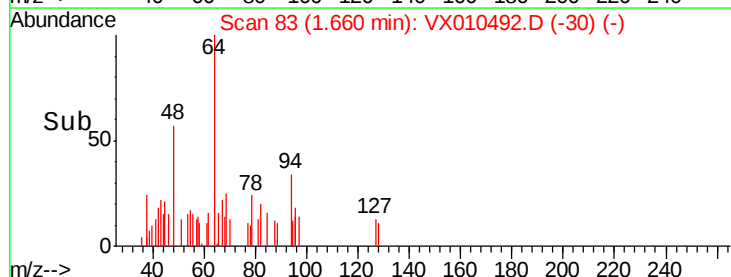
150

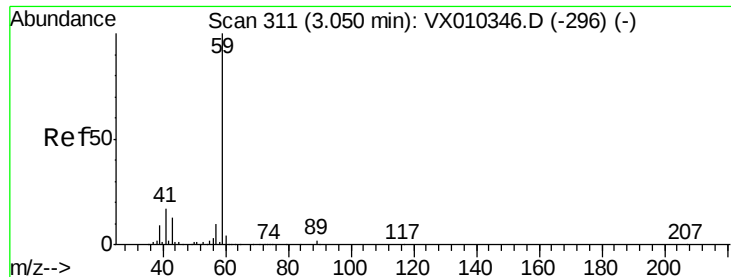
100

50

0

Time--> 1.60 1.65 1.70

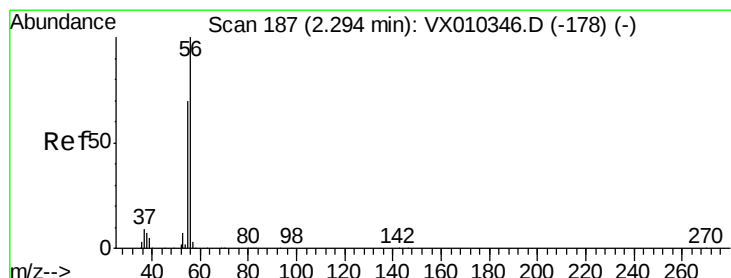
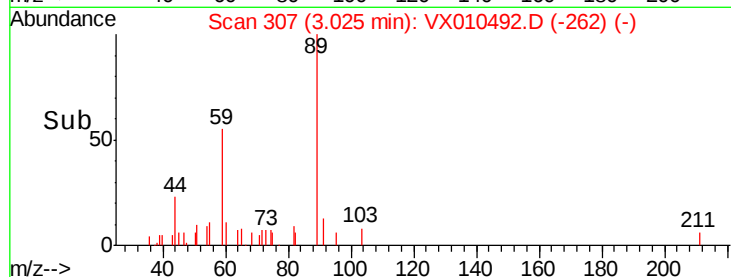
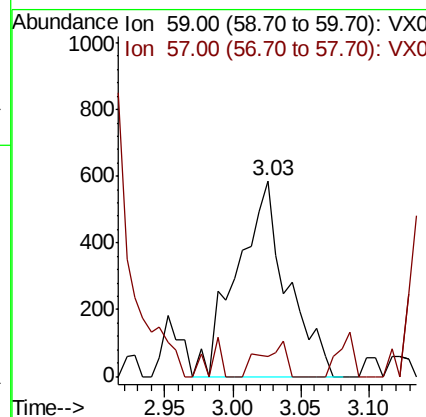
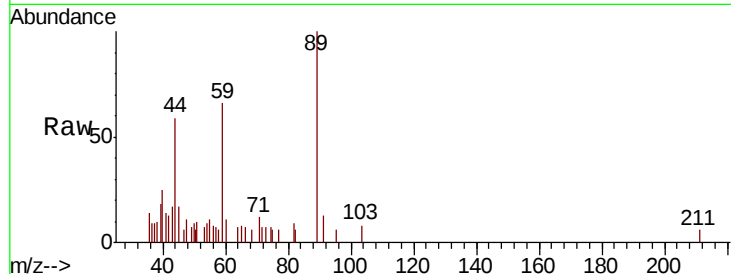




#11
Tert butvl alcohol
Concen: 2.337 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

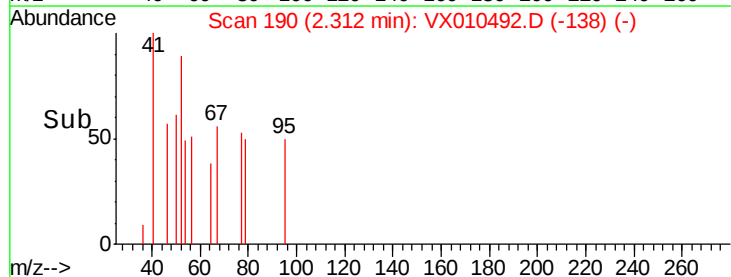
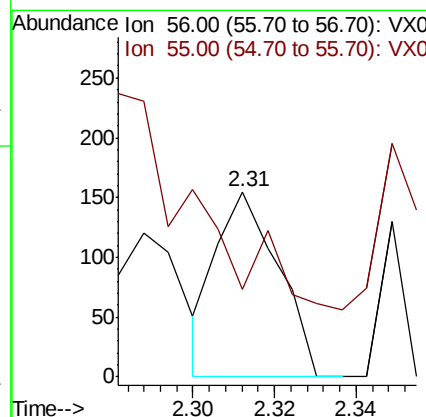
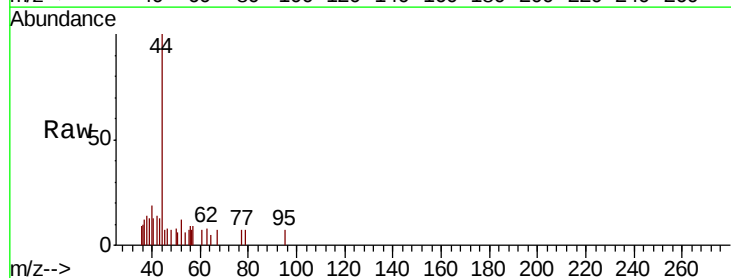
Instrument :
MSVOA_X
ClientSampleId :
FL-0574

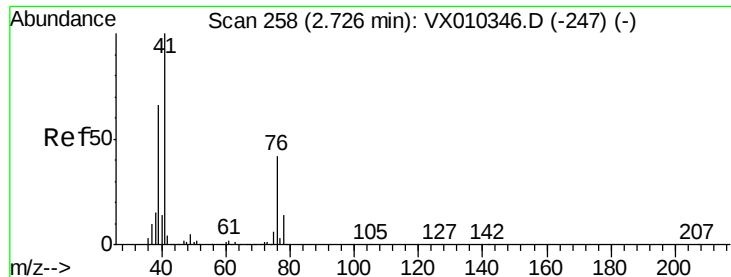
Tot Ion: 59 Resp: 1499
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.385 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 1.667 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

FL-0574

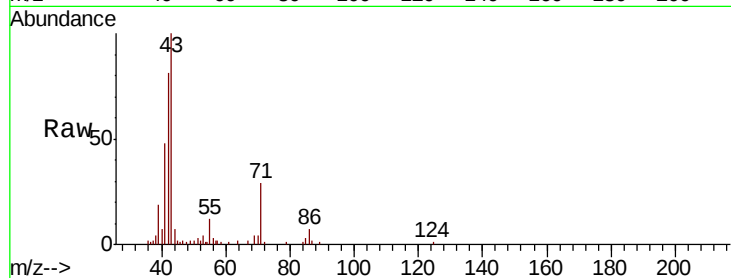
Tot Ion: 41 Resp: 5362

Ion Ratio Lower Upper

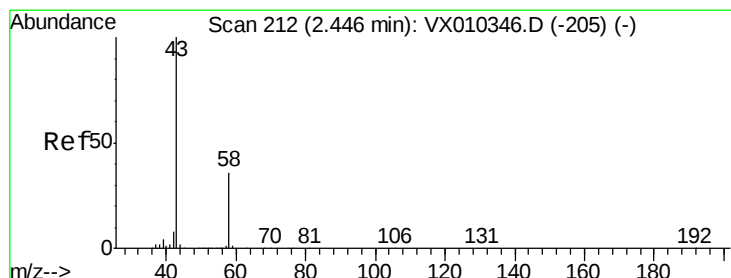
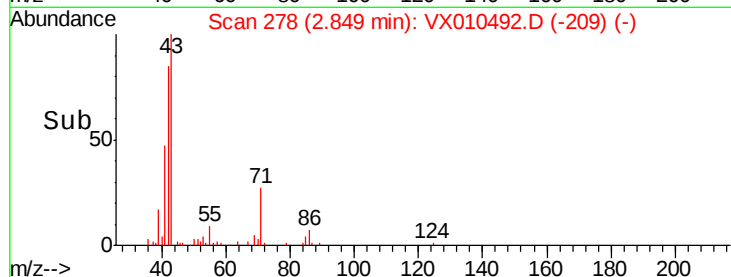
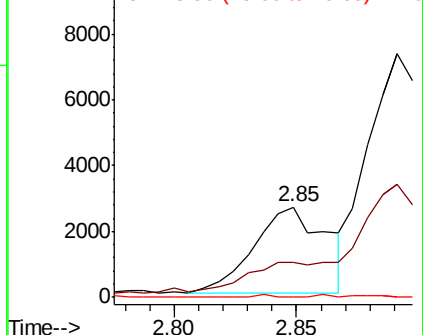
41 100

39 41.3 50.3 75.5#

76 0.6 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 1.094 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010492.D

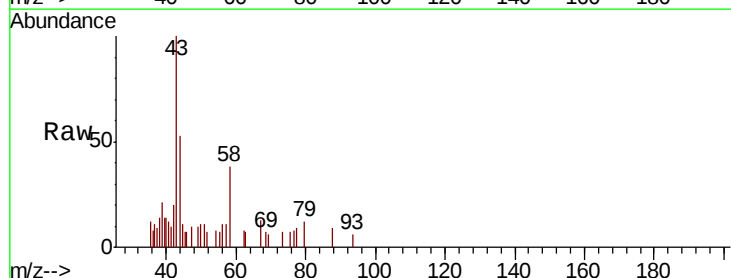
Acq: 27 Jun 2019 16:30

Tgt Ion: 43 Resp: 1344

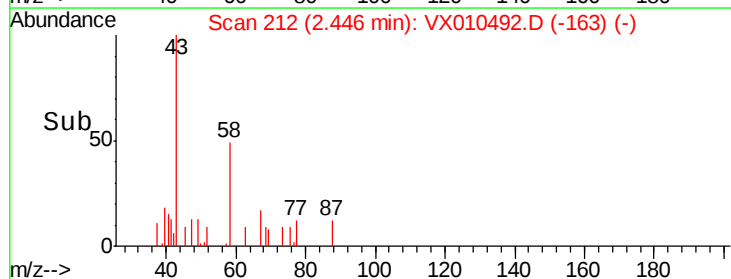
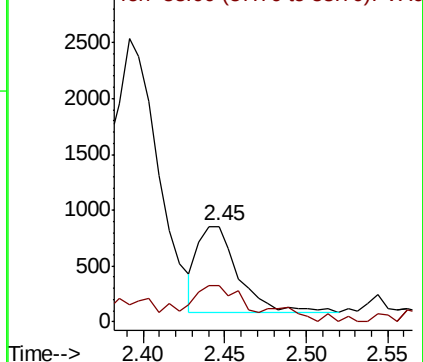
Ion Ratio Lower Upper

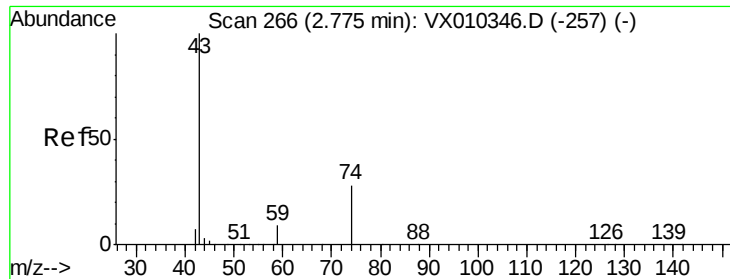
43 100

58 41.8 28.9 43.3



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

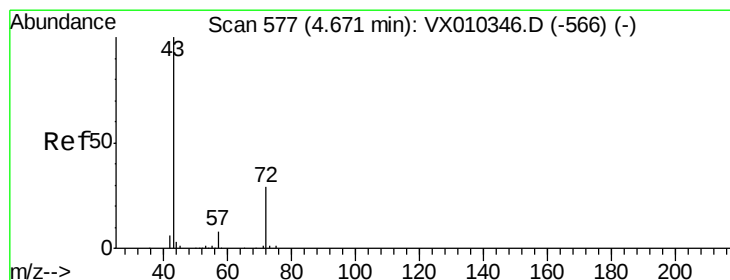
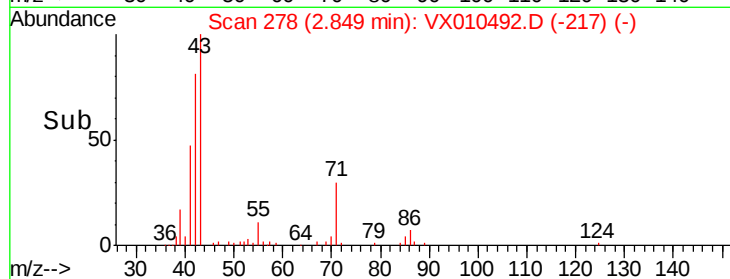
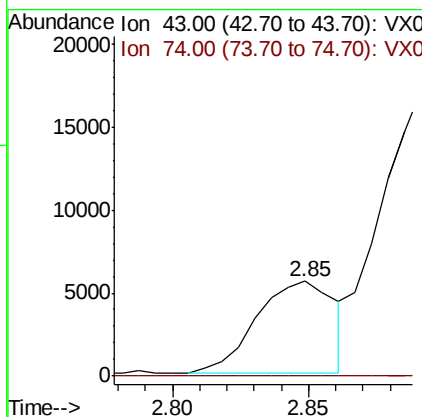
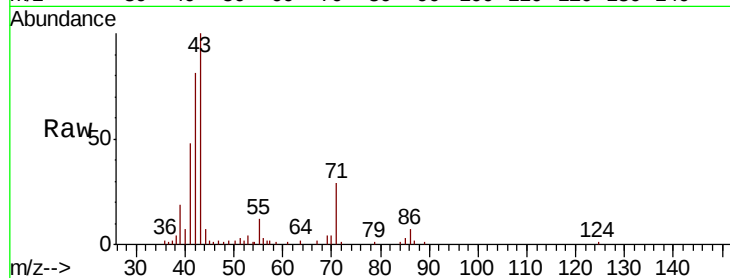




#18
Methvl Acetate
Concen: 4.543 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

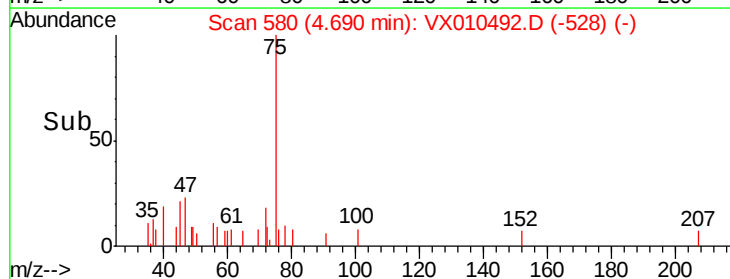
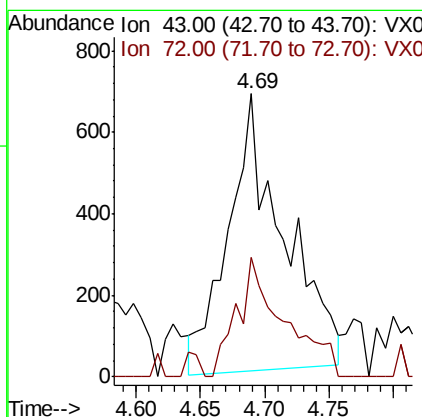
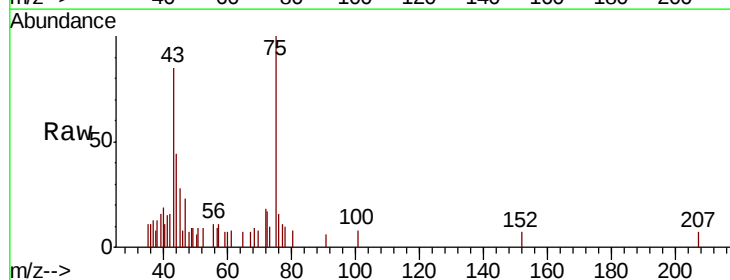
Instrument :
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ClientSampled :
FL-0574

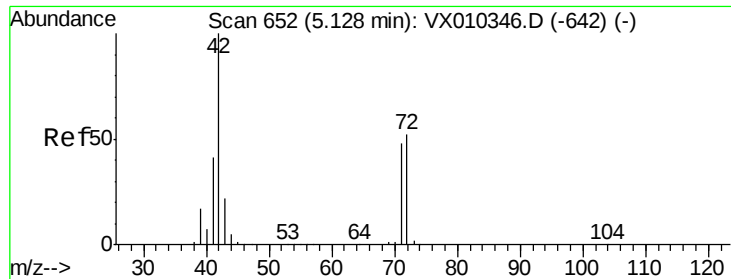
Tot Ion: 43 Resp: 11123
Ion Ratio Lower Upper
43 100
74 0.5 21.3 31.9#



#25
2-Butanone
Concen: 1.125 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
72 49.4 23.3 34.9#

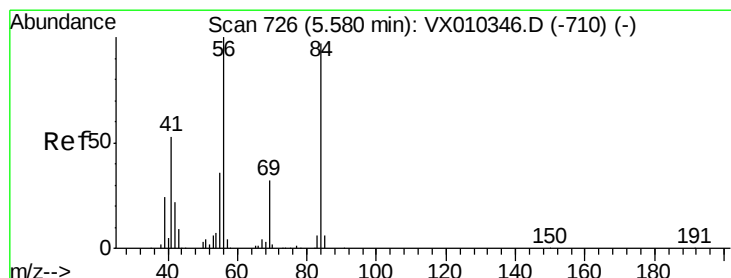
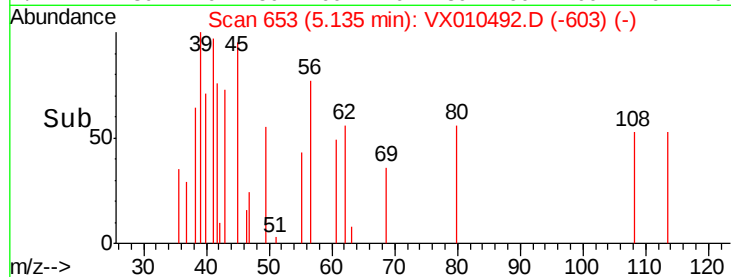
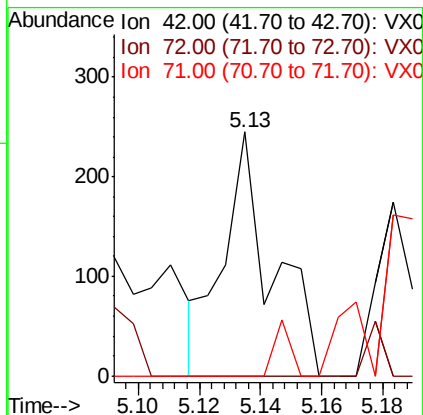
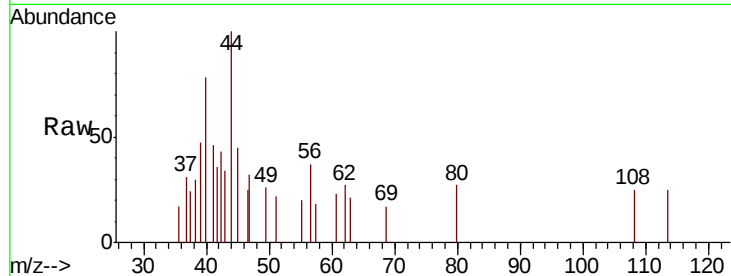




#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

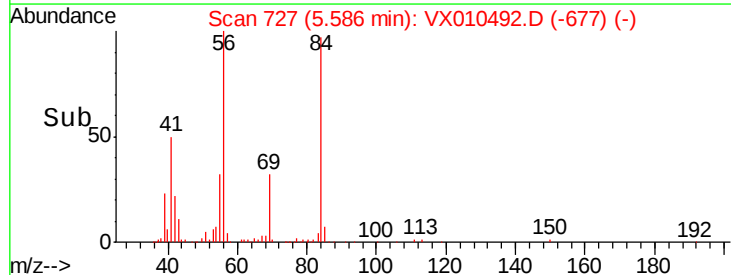
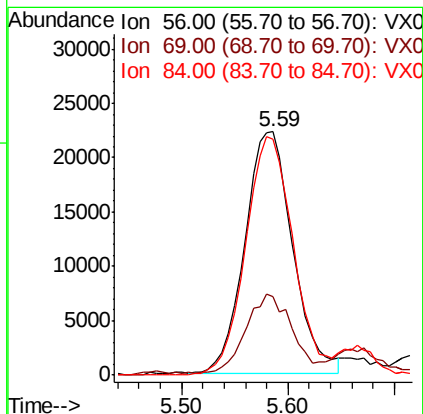
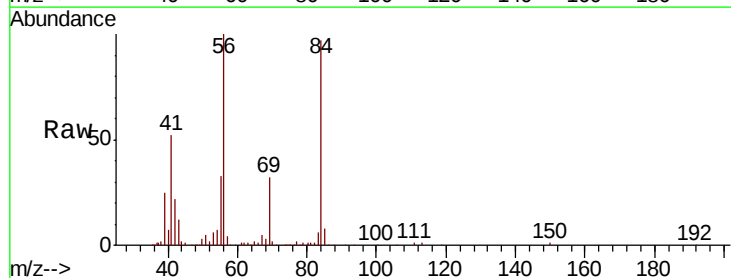
Instrument :
MSVOA_X
ClientSampled :
FL-0574

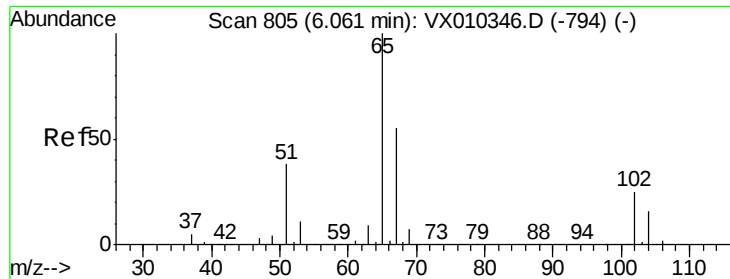
Tot Ion: 42 Resp: 267
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 19.825 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 56 Resp: 70185
Ion Ratio Lower Upper
56 100
69 31.2 25.9 38.9
84 97.2 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 49.414 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

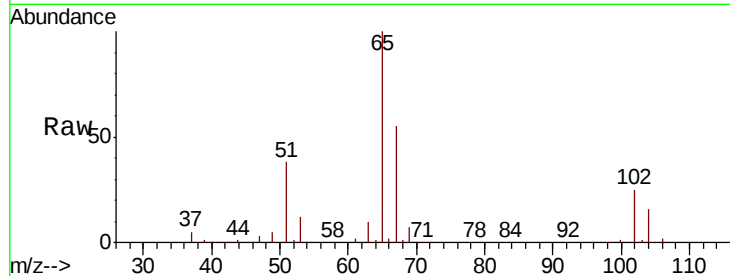
FL-0574

Tot Ion: 65 Resp: 121113

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

30000

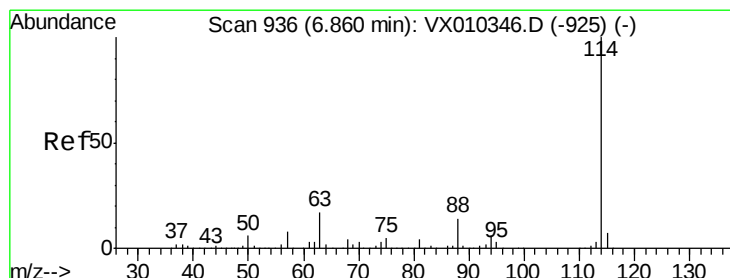
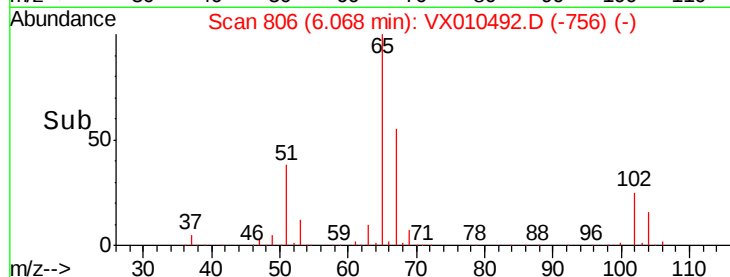
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

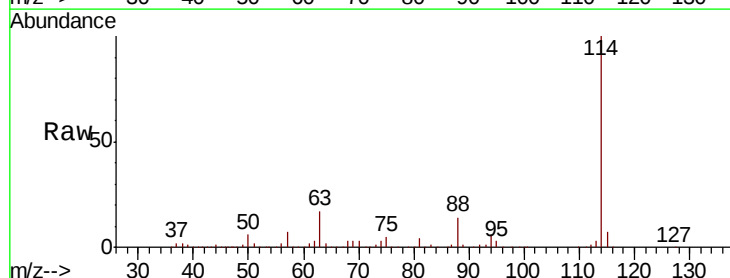
Tgt Ion: 114 Resp: 397304

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

88 14.3 0.0 27.6



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

6.86

200000

150000

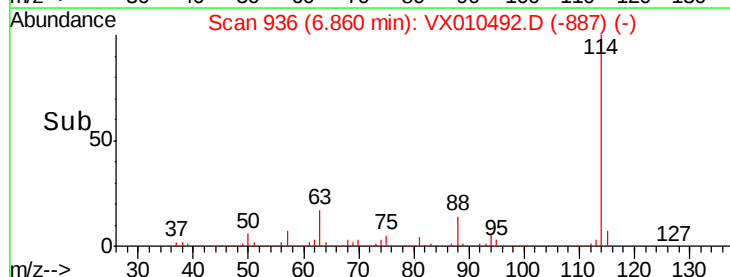
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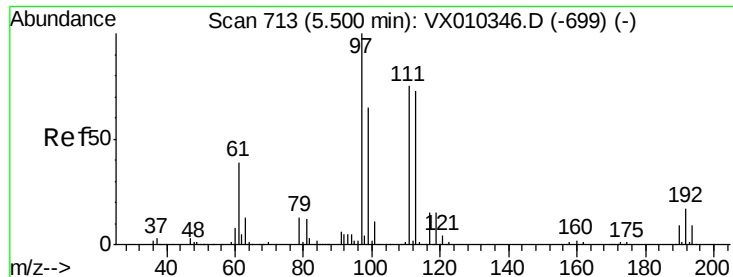
50000

0

Time-->

6.80 6.90 7.00

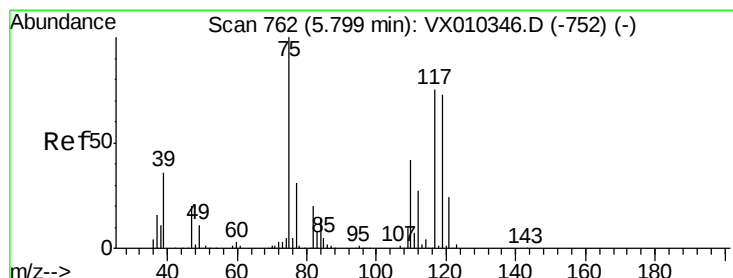
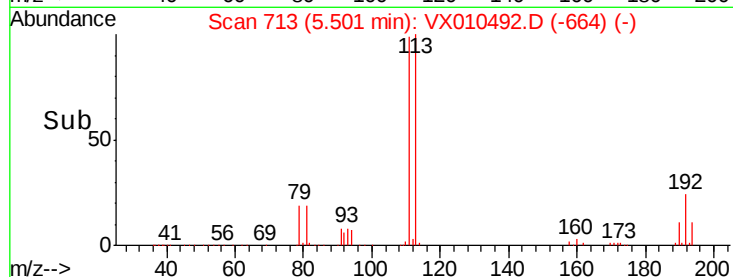
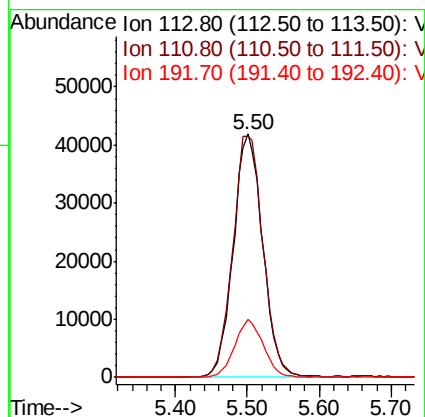
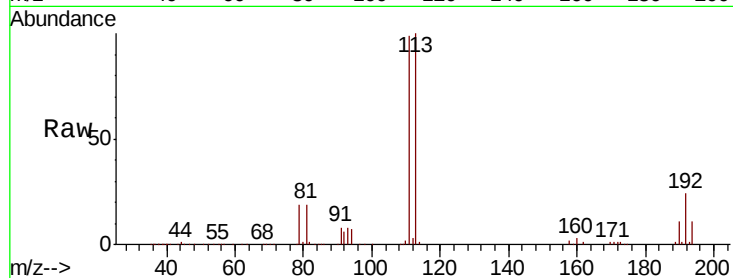




#35
Dibromofluoromethane
Concen: 48.838 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

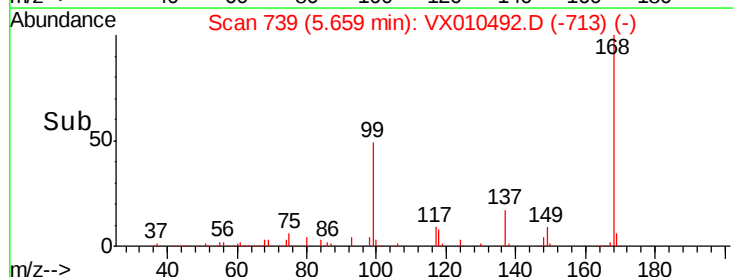
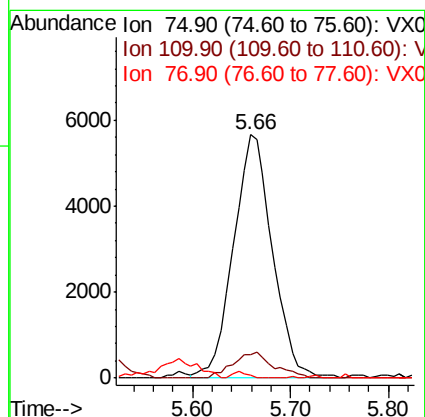
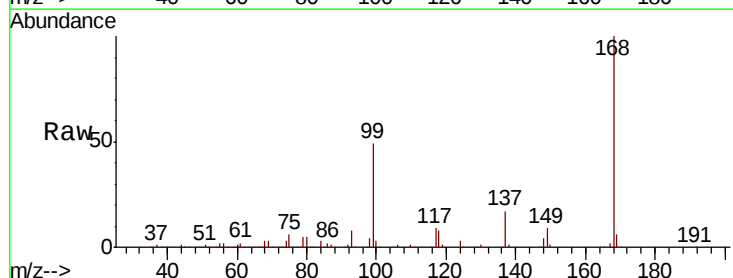
Instrument :
MSVOA_X
ClientSampled :
FL-0574

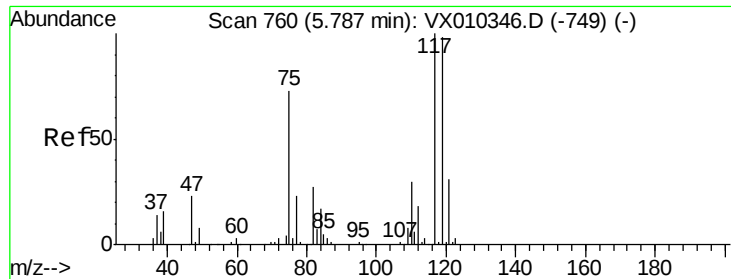
Tot Ion:113 Resp: 118718
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 23.3 18.6 27.8



#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 75 Resp: 15647
Ion Ratio Lower Upper
75 100
110 11.2 20.8 62.2#
77 0.9 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.609 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

FL-0574

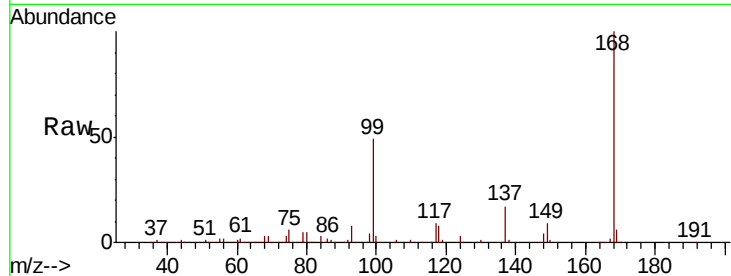
Tot Ion:117 Resp: 22595

Ion Ratio Lower Upper

117 100

119 7.1 78.2 117.4#

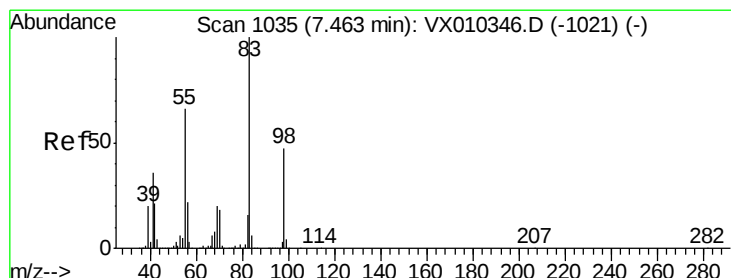
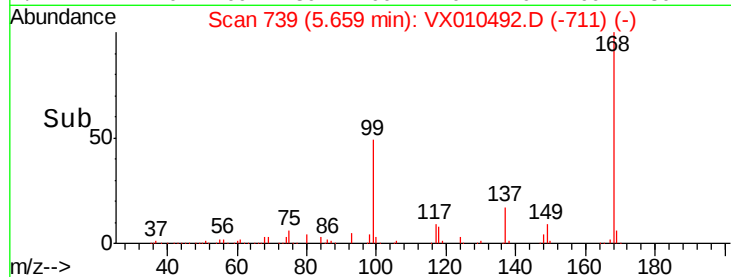
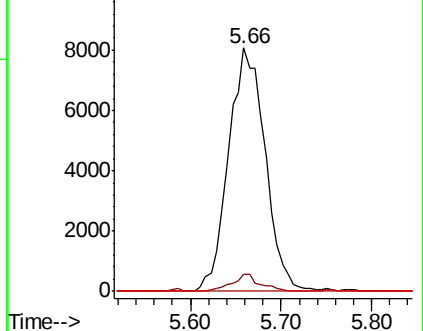
121 0.0 24.7 37.1#



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: 12.963 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

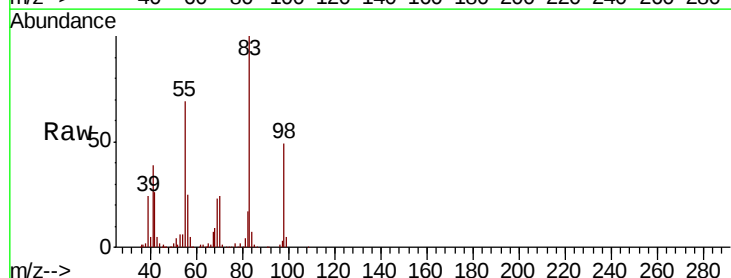
Tgt Ion: 83 Resp: 53798

Ion Ratio Lower Upper

83 100

55 68.8 53.0 79.6

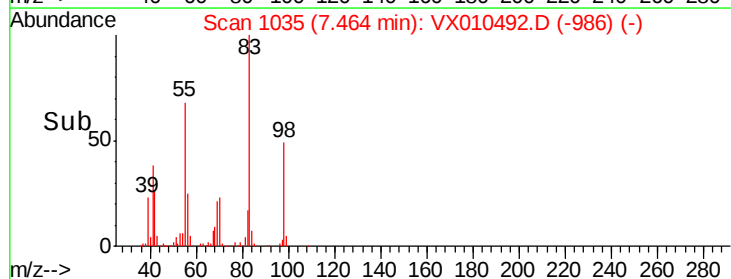
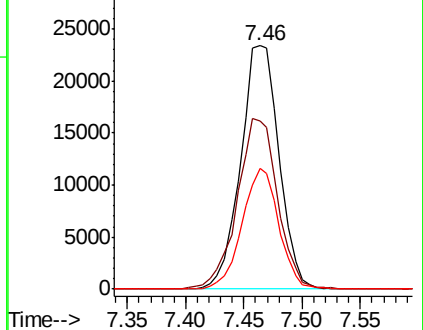
98 49.5 37.8 56.8

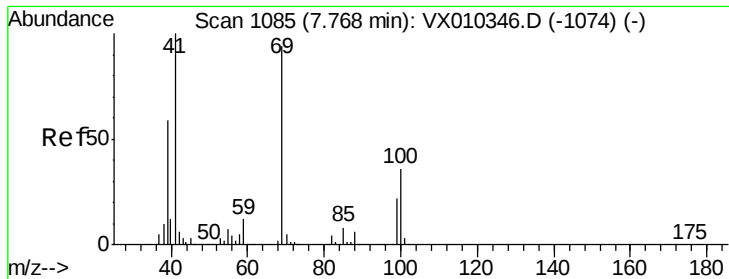


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

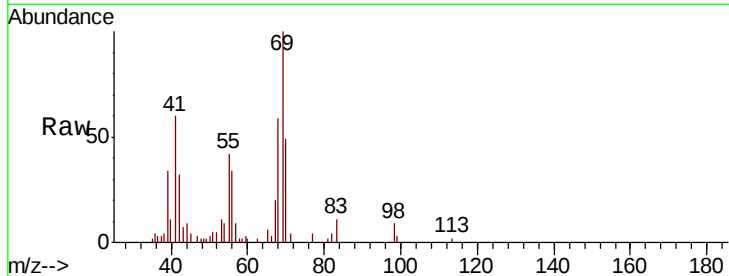




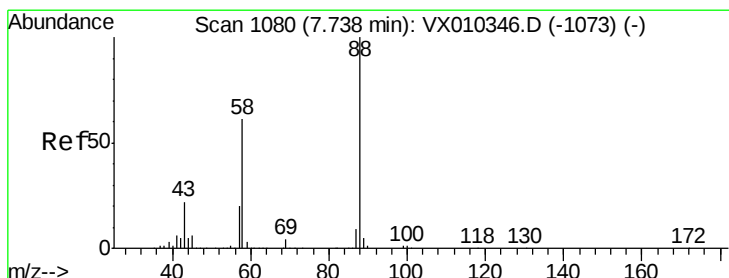
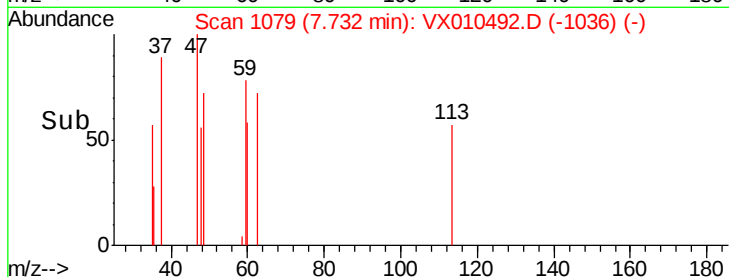
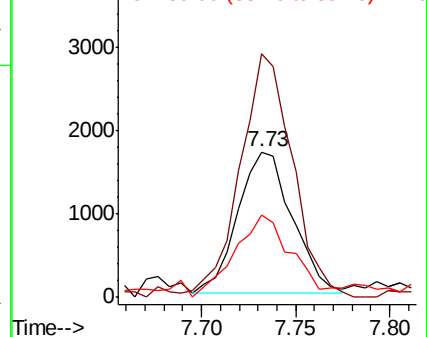
#48
Methvl methacrylate
Concen: 1.348 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0574

Tot Ion: 41 Resp: 3367
Ion Ratio Lower Upper
41 100
69 167.2 76.1 114.1#
39 62.4 47.6 71.4

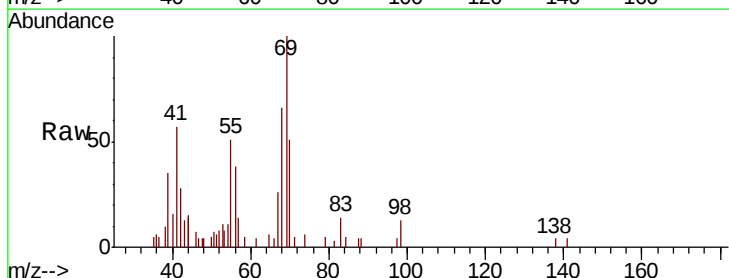


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

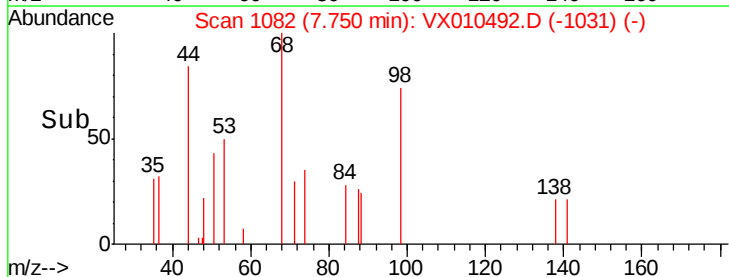
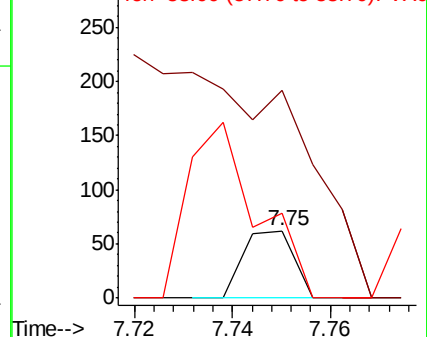


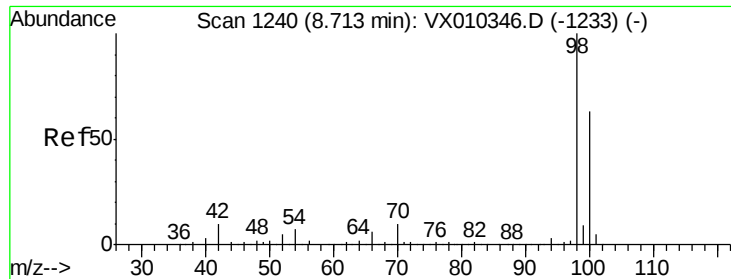
#49
1,4-Dioxane
Concen: 0.611 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 361.4 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

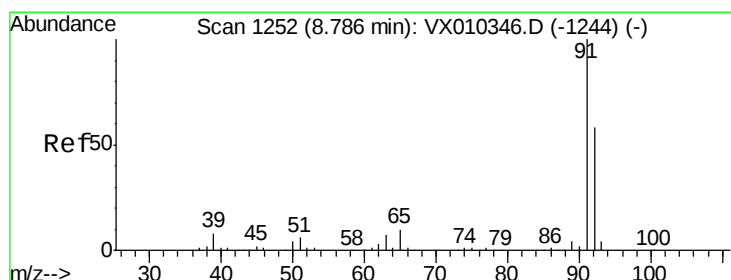
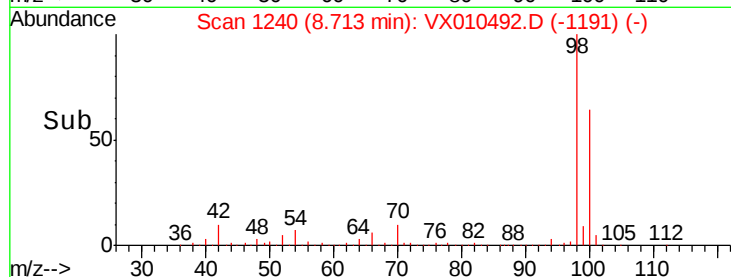
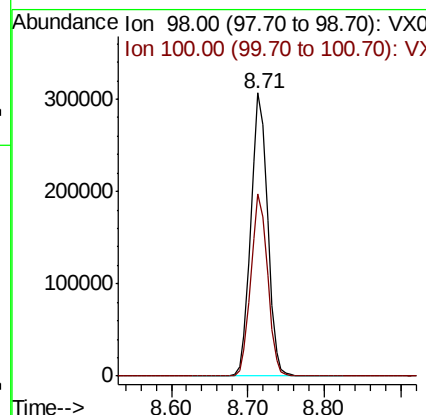
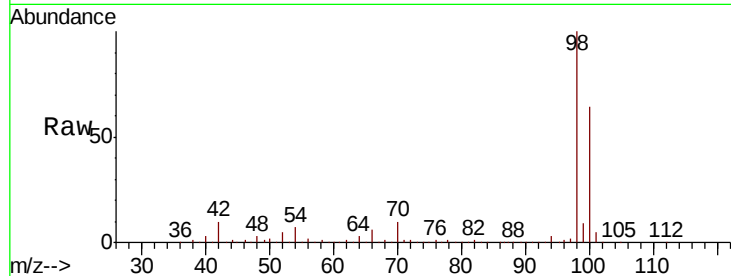




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

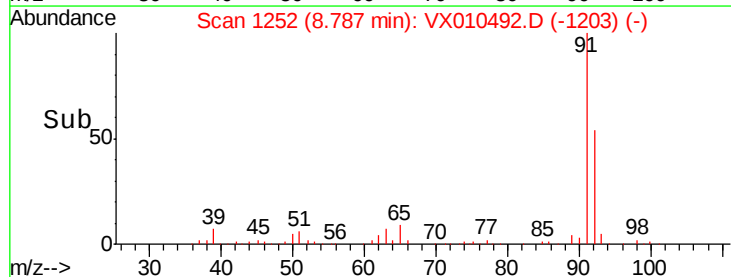
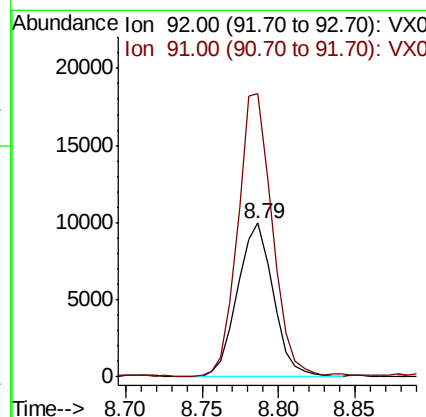
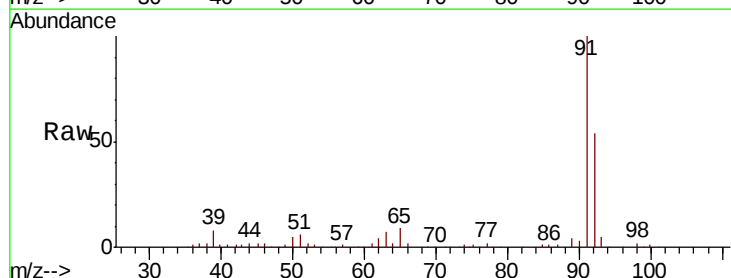
Instrument :
MSVOA_X
ClientSampleId :
FL-0574

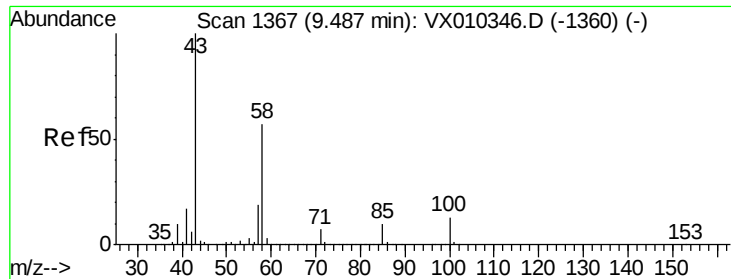
Tot Ion: 98 Resp: 468097
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#52
Toluene
Concen: 2.510 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 92 Resp: 16261
Ion Ratio Lower Upper
92 100
91 177.9 139.8 209.6

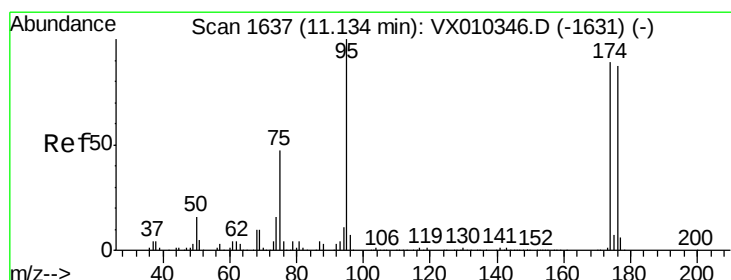
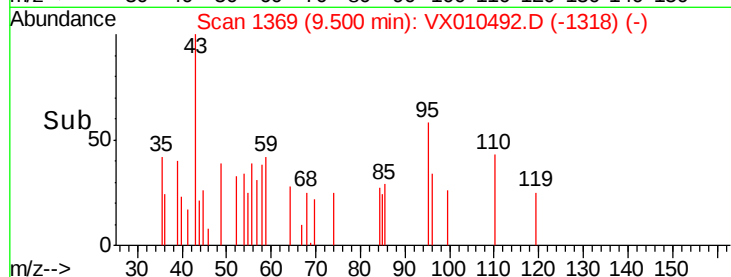
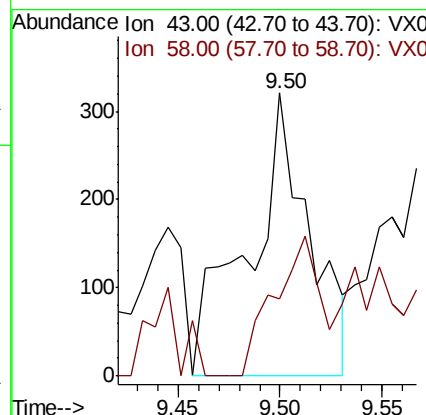
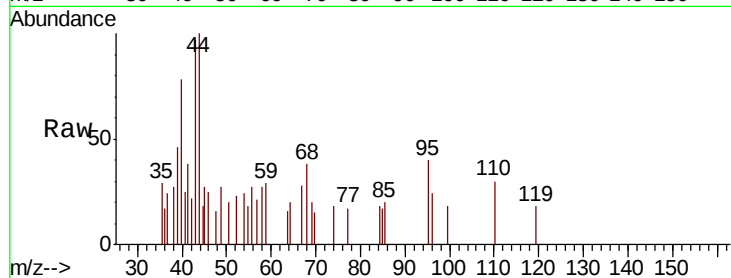




#59
2-Hexanone
Concen: 0.248 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

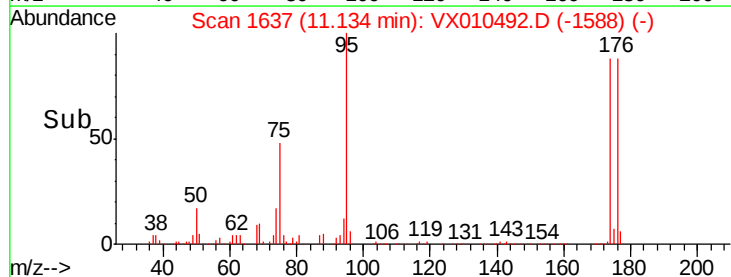
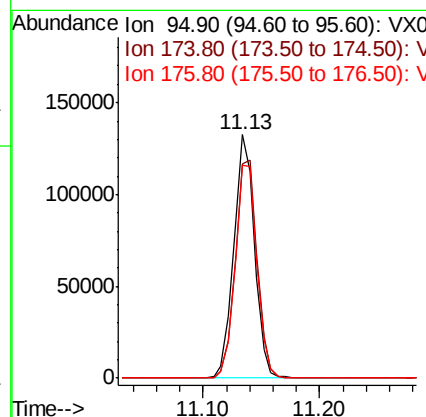
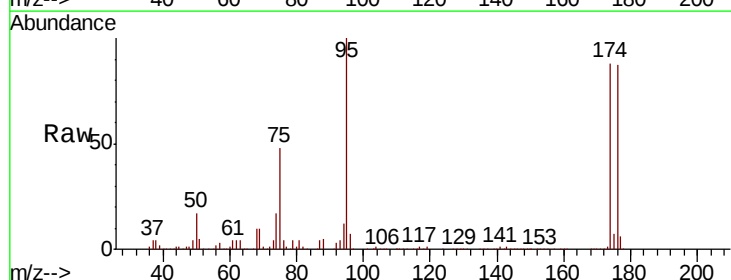
Instrument :
MSVOA_X
ClientSampled :
FL-0574

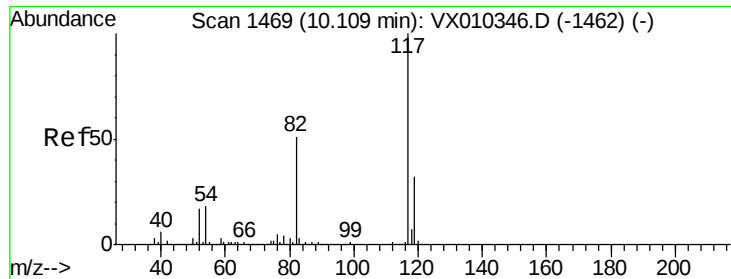
Tot Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 37.0 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 48.983 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 95 Resp: 164464
Ion Ratio Lower Upper
95 100
174 94.5 0.0 187.6
176 92.1 0.0 184.0

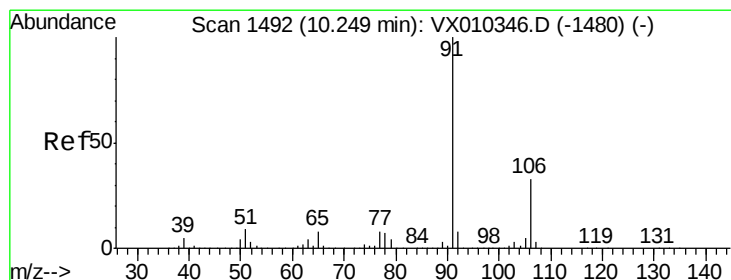
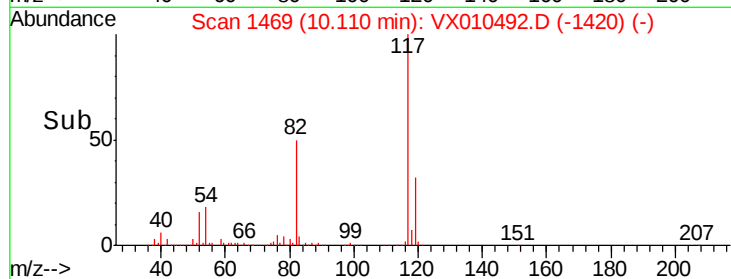
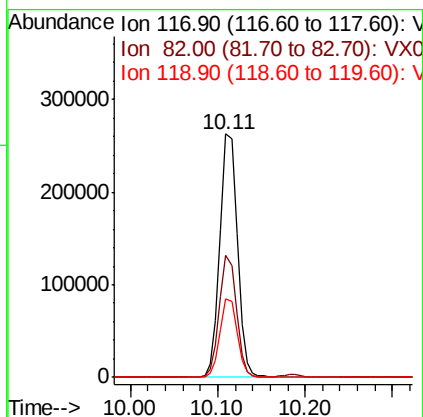
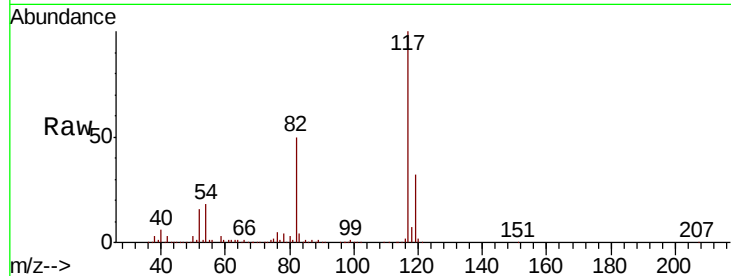




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

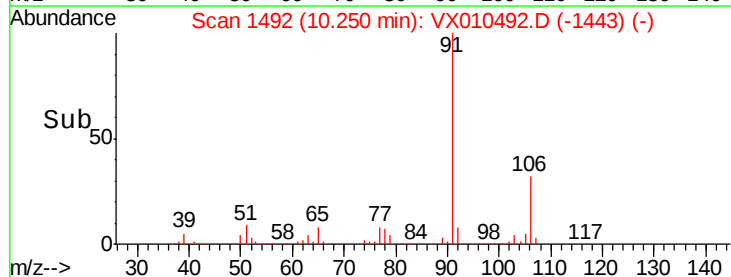
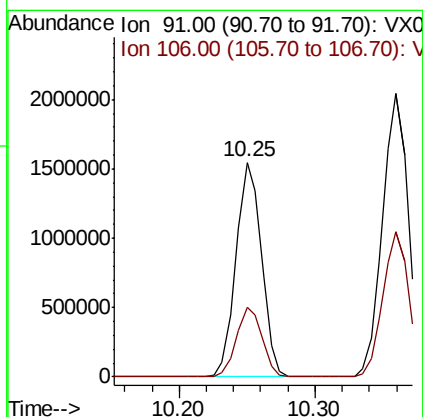
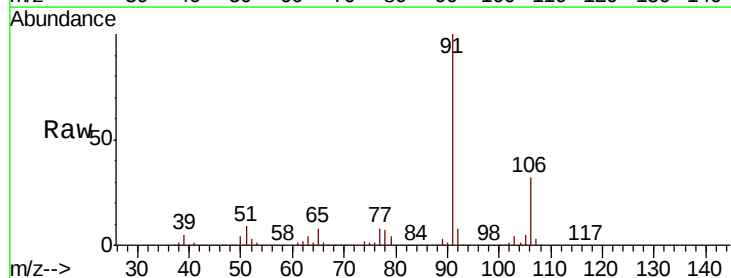
Instrument :
MSVOA_X
ClientSampleId :
FL-0574

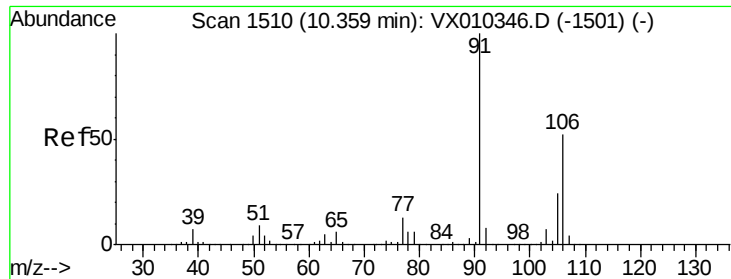
Tot Ion:117 Resp: 365175
Ion Ratio Lower Upper
117 100
82 50.0 41.2 61.8
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 161.923 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 91 Resp: 2026639
Ion Ratio Lower Upper
91 100
106 32.3 26.2 39.2

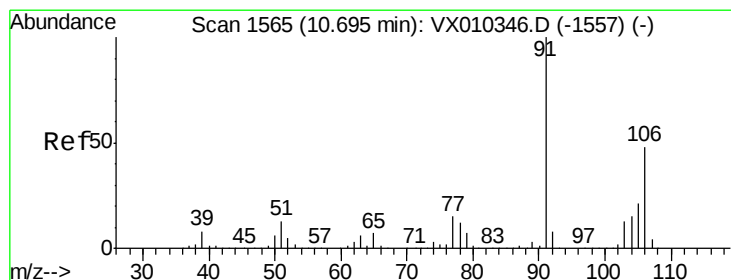
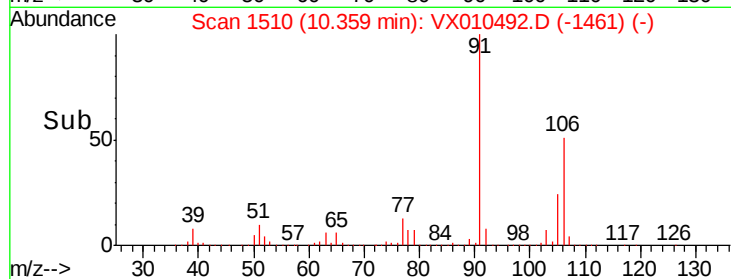
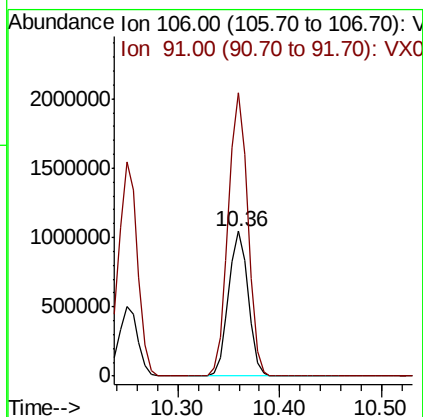
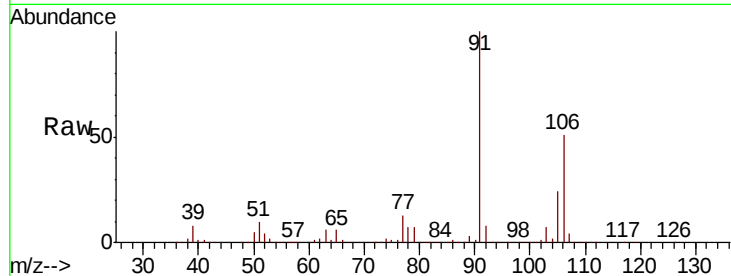




#68
m/p-Xvlenes
Concen: 286.626 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

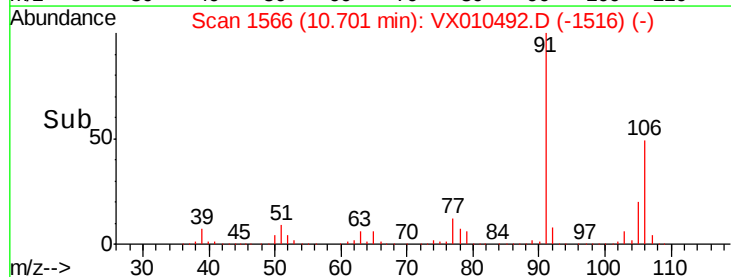
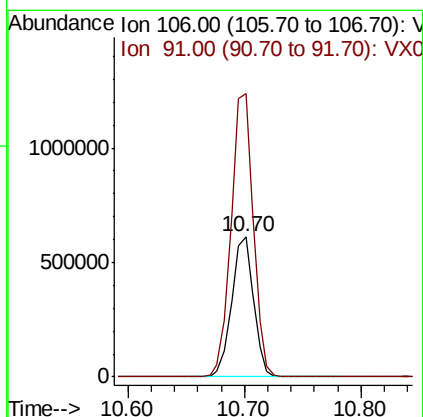
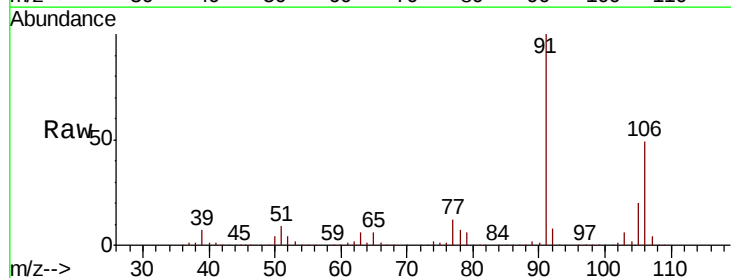
Instrument :
MSVOA_X
ClientSampled :
FL-0574

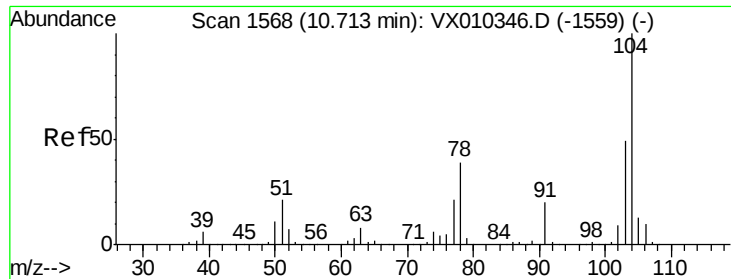
Tot Ion:106 Resp: 1390038
Ion Ratio Lower Upper
106 100
91 194.9 155.3 232.9



#69
o-Xylene
Concen: 167.577 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion:106 Resp: 799205
Ion Ratio Lower Upper
106 100
91 205.9 102.7 308.1

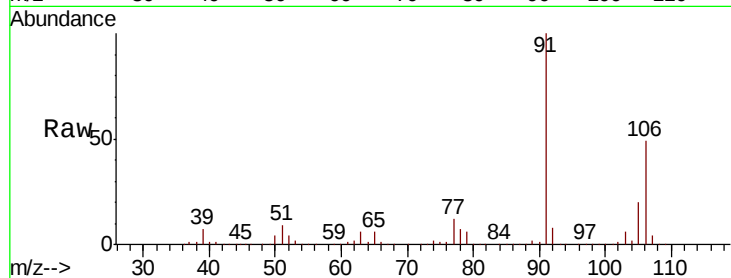




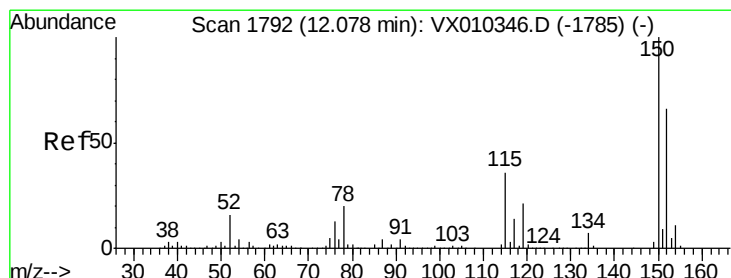
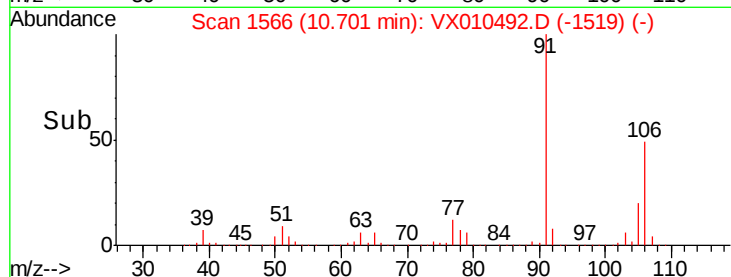
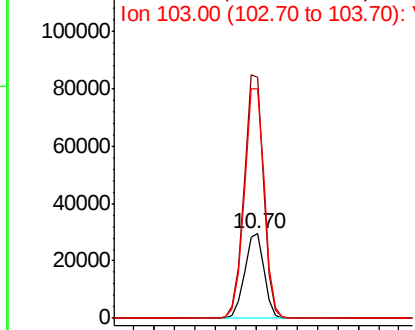
#70
Stvrene
Concen: 4.869 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Instrument :
MSVOA_X
ClientSampled :
FL-0574

Tot Ion:104 Resp: 38940
Ion Ratio Lower Upper
104 100
78 285.7 36.2 54.2#
103 278.1 44.2 66.4#

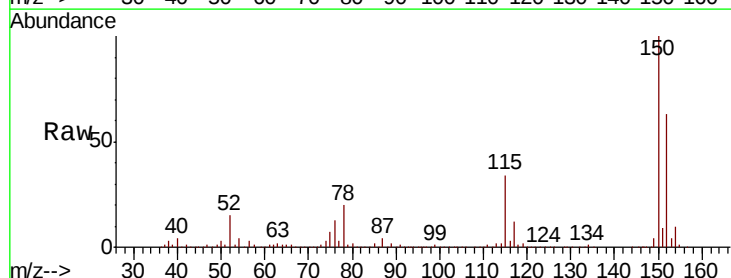


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

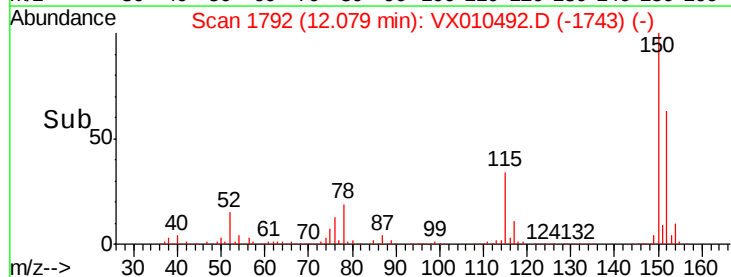
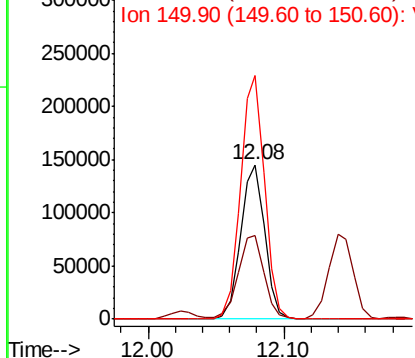


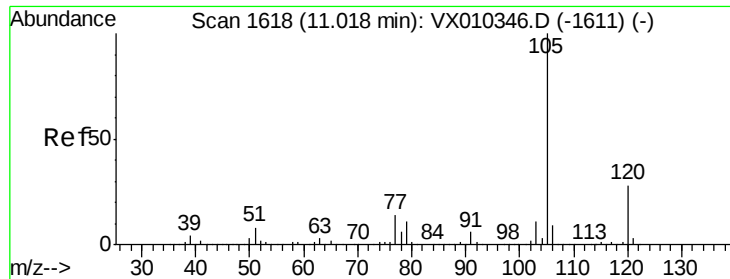
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion:152 Resp: 177349
Ion Ratio Lower Upper
152 100
115 57.6 38.6 115.7
150 157.5 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: 41.985 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

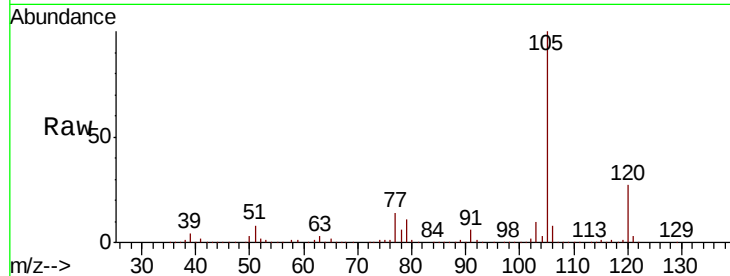
FL-0574

Tot Ion:105 Resp: 504746

Ion Ratio Lower Upper

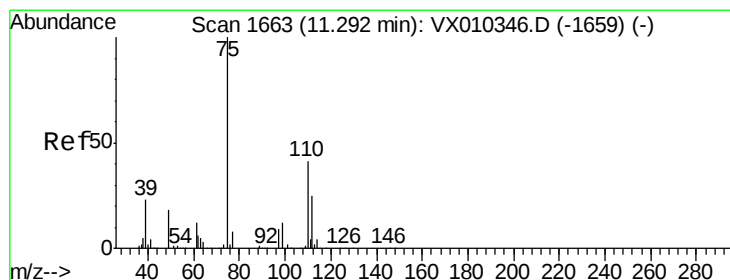
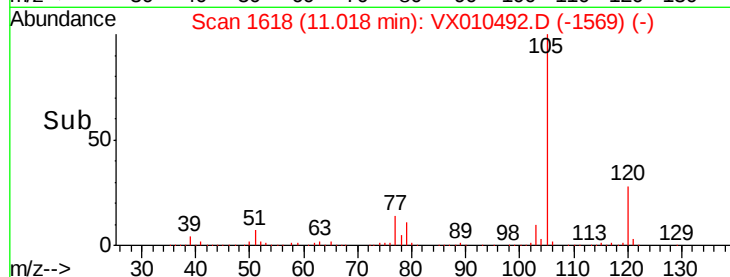
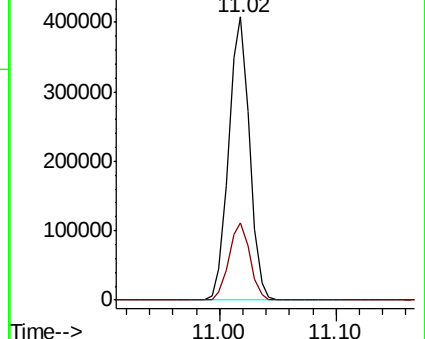
105 100

120 27.6 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: 1.522 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010492.D

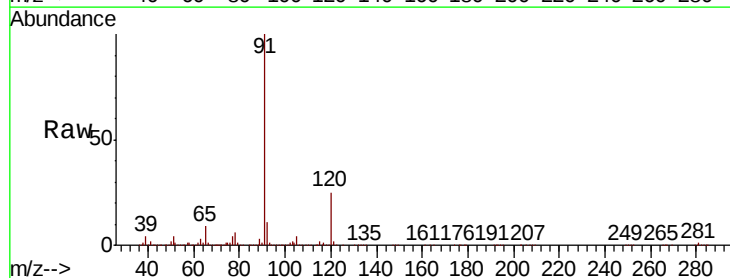
Acq: 27 Jun 2019 16:30

Tgt Ion: 75 Resp: 4918

Ion Ratio Lower Upper

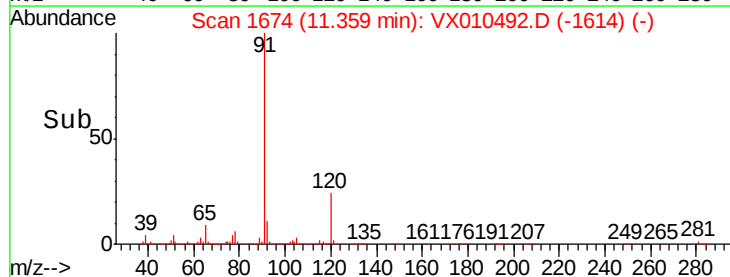
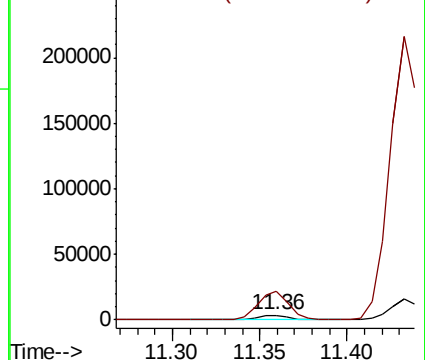
75 100

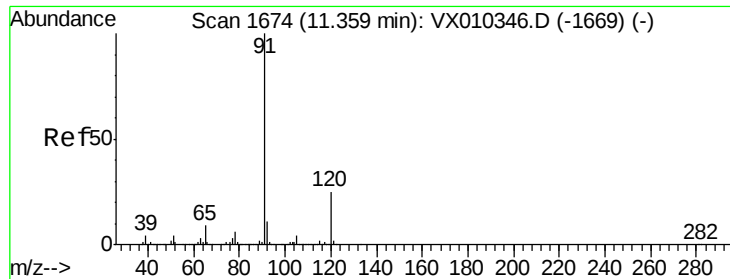
77 540.1 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 54.299 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

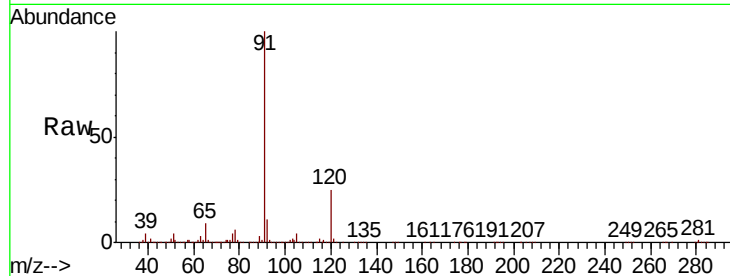
FL-0574

Tot Ion: 91 Resp: 717447

Ion Ratio Lower Upper

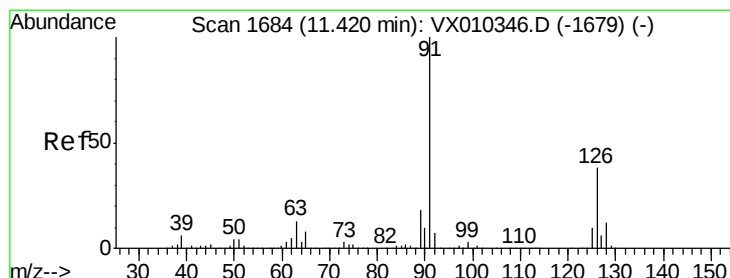
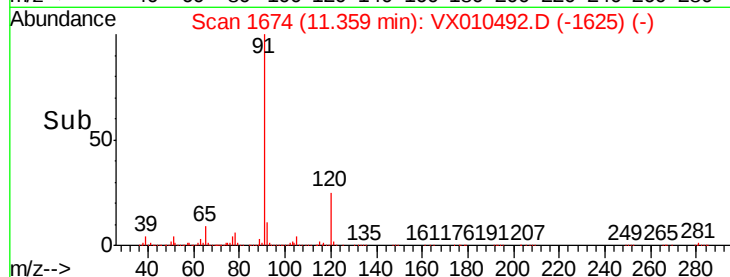
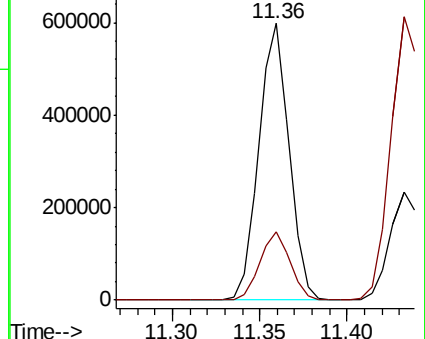
91 100

120 24.5 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: 50.259 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010492.D

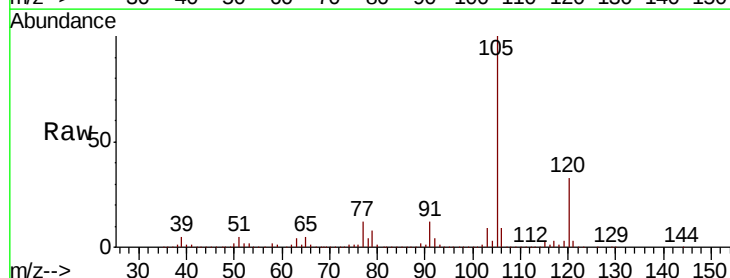
Acq: 27 Jun 2019 16:30

Tgt Ion: 91 Resp: 395429

Ion Ratio Lower Upper

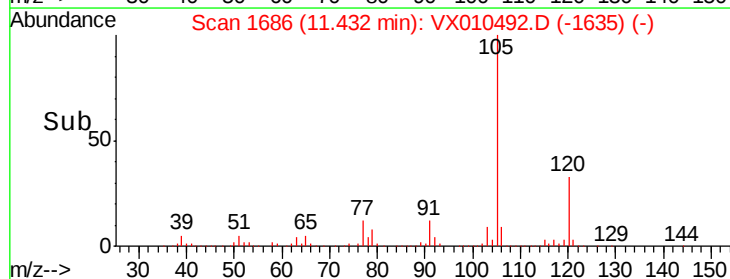
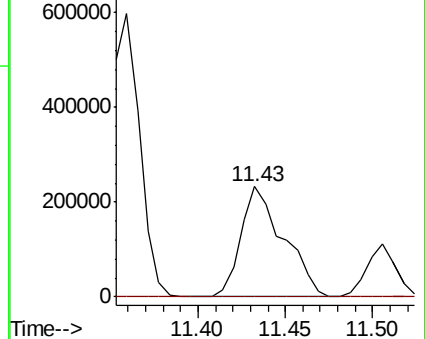
91 100

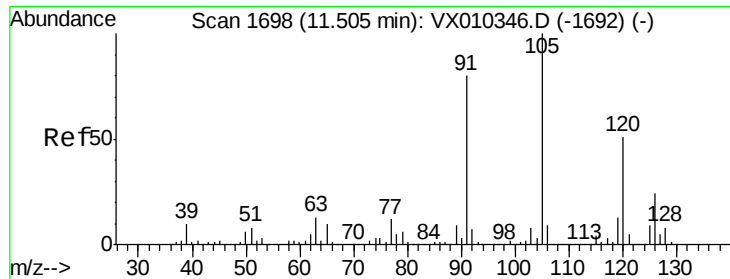
126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

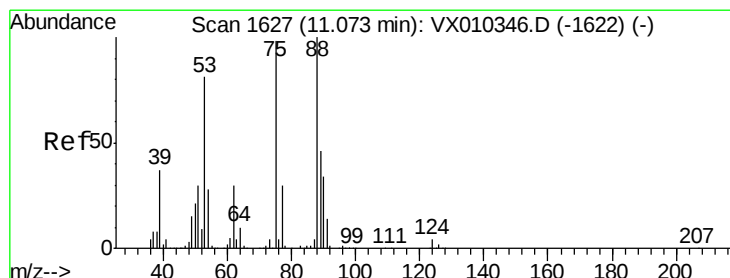
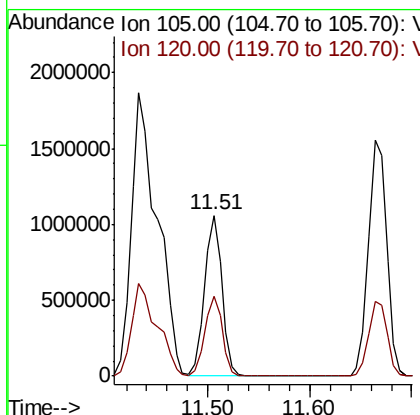
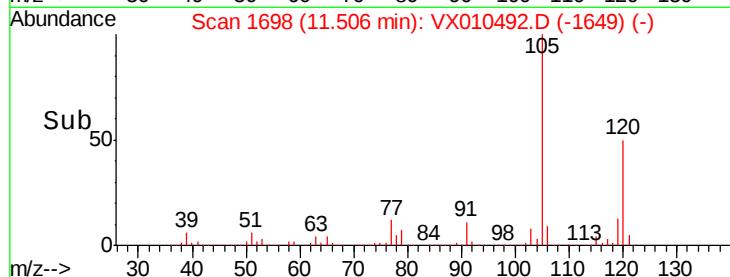
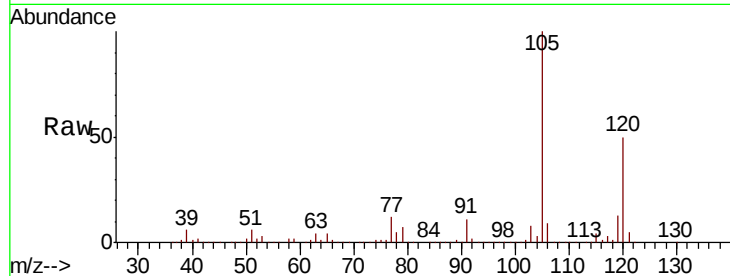




#80
 1,3,5-Trimethylbenzene
 Concen: 126.499 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010492.D
 Acq: 27 Jun 2019 16:30

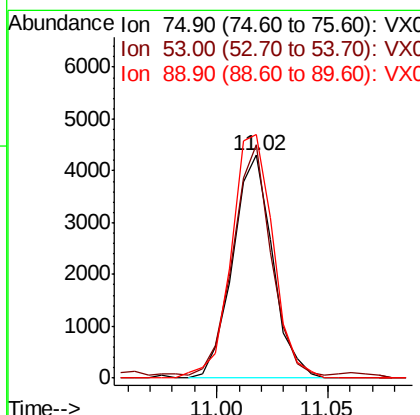
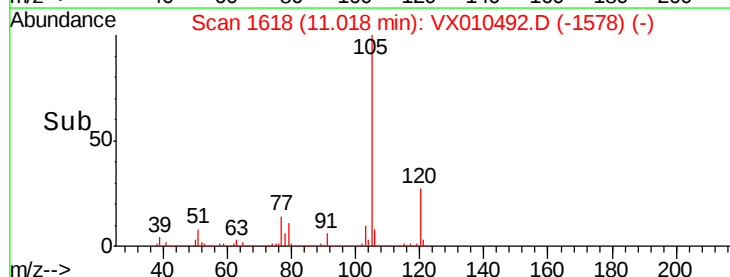
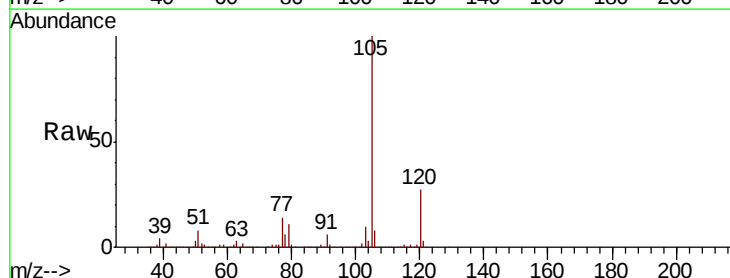
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0574

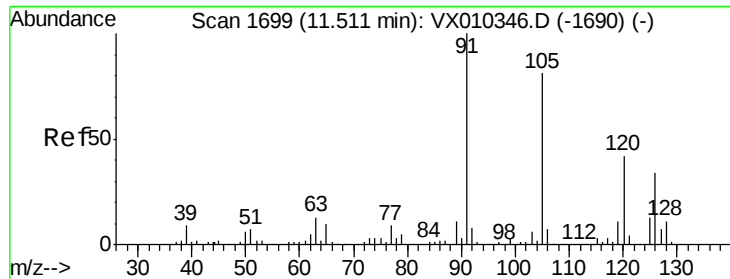
Tot Ion:105 Resp: 1253704
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.863 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010492.D
 Acq: 27 Jun 2019 16:30

Tgt Ion: 75 Resp: 5351
 Ion Ratio Lower Upper
 75 100
 53 98.5 66.1 99.1
 89 114.4 37.8 56.6#

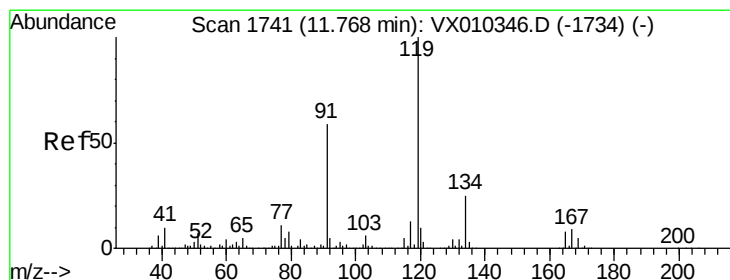
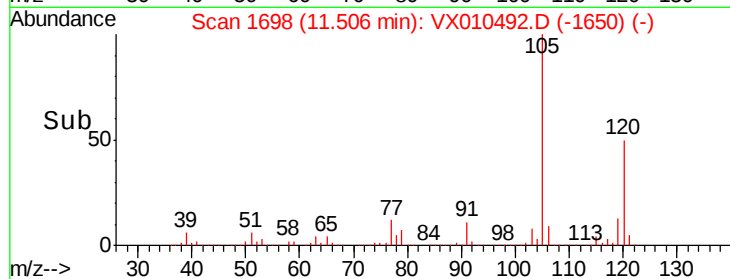
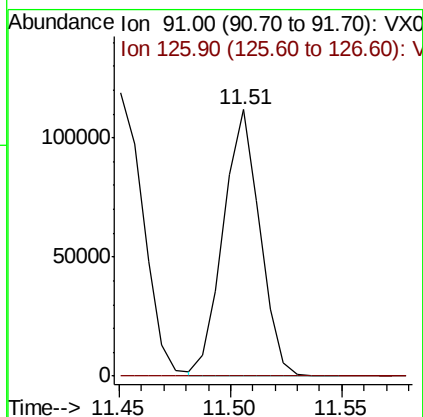
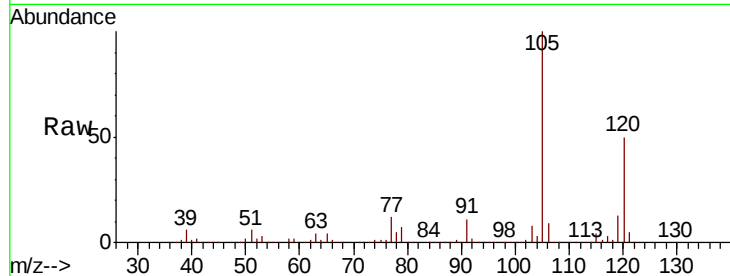




#82
4-Chlorotoluene
Concen: 14.251 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

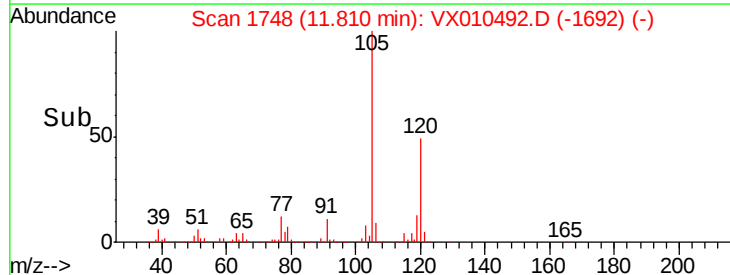
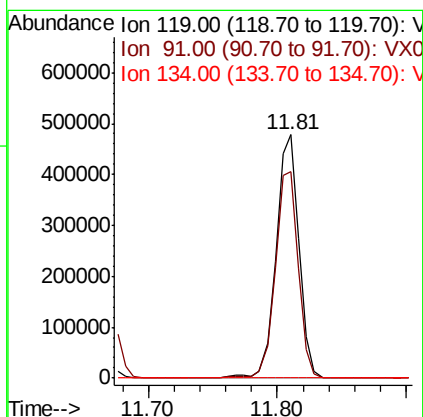
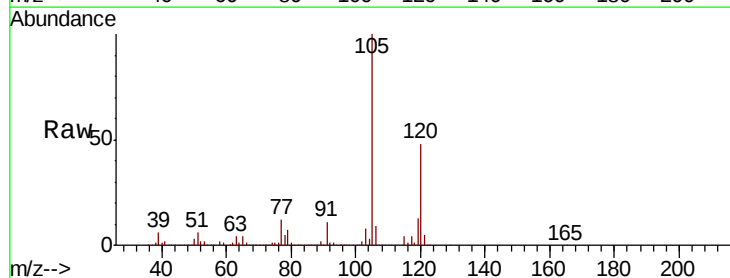
Instrument :
MSVOA_X
ClientSampled :
FL-0574

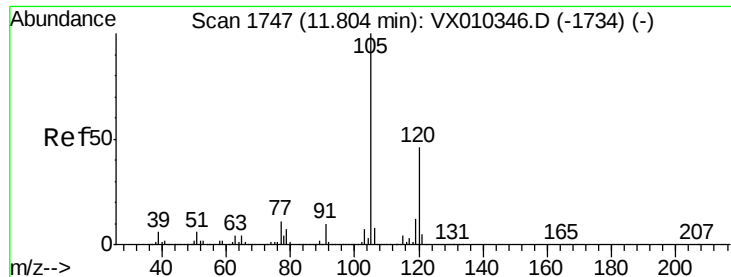
Tot Ion: 91 Resp: 127585
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 59.679 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 119 Resp: 593644
Ion Ratio Lower Upper
119 100
91 85.9 27.6 82.7#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 466.115 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

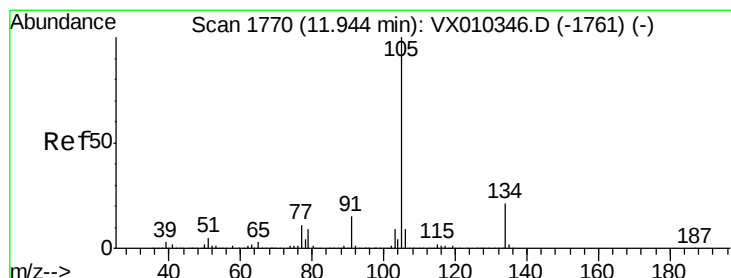
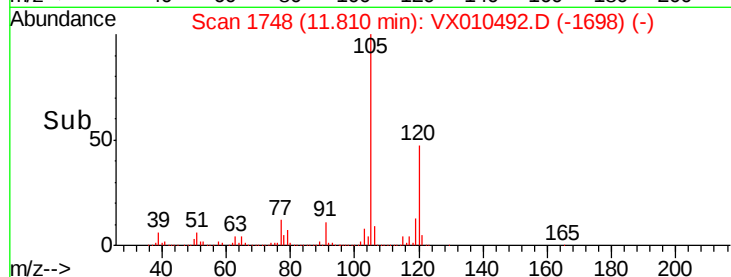
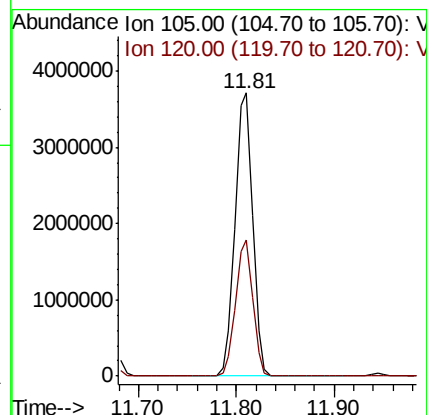
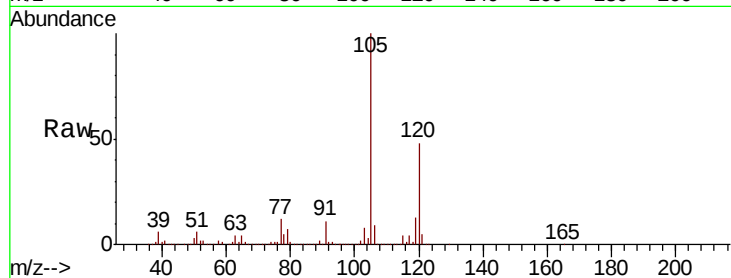
FL-0574

Tot Ion:105 Resp: 4641207

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.2



#85

sec-Butylbenzene

Concen: 397.382 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX010492.D

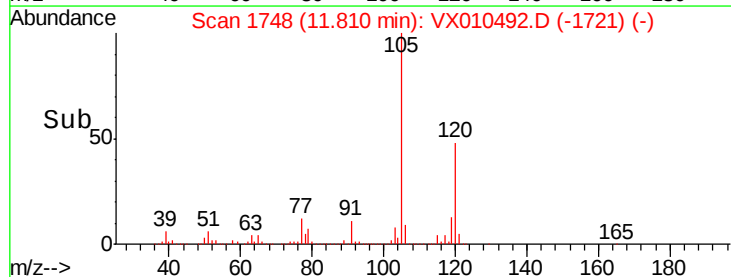
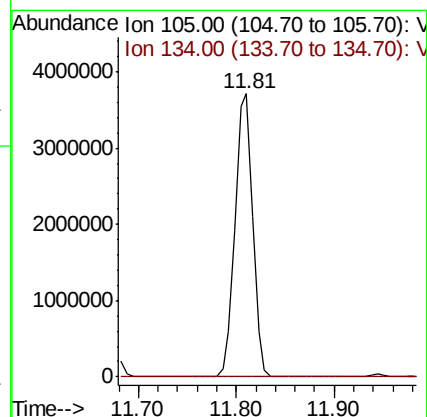
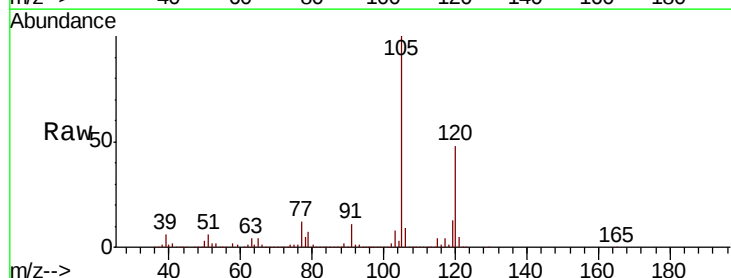
Acq: 27 Jun 2019 16:30

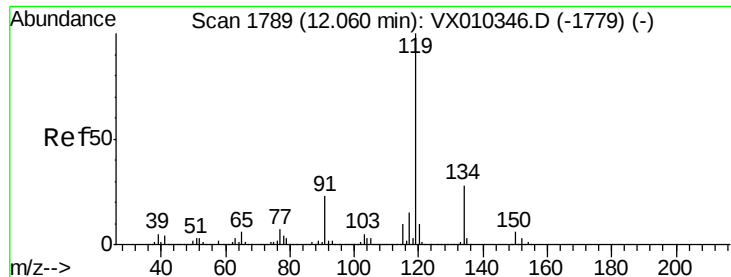
Tgt Ion:105 Resp: 4641207

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

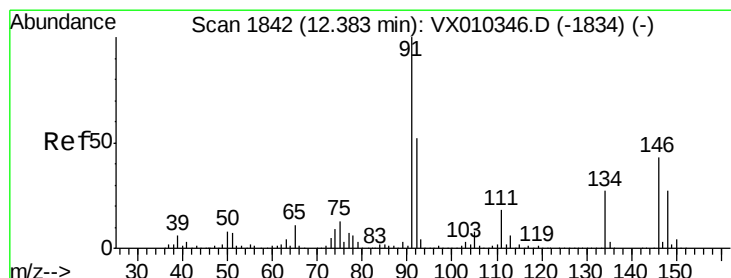
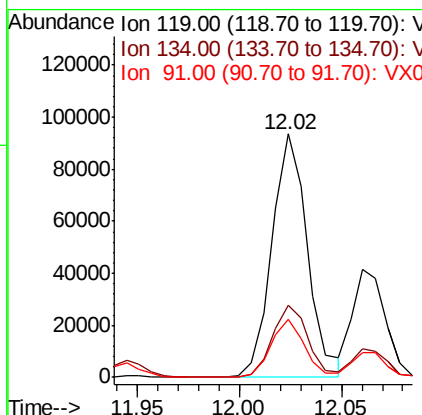
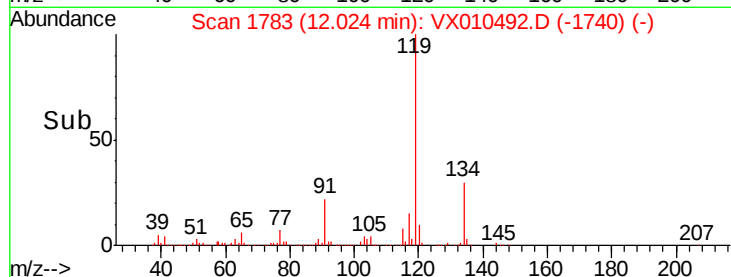
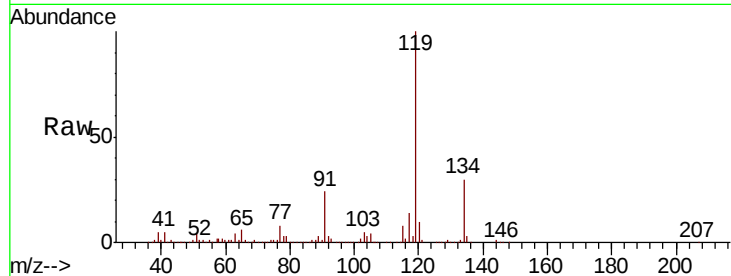




#86
p-Isopropyltoluene
Concen: 10.511 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

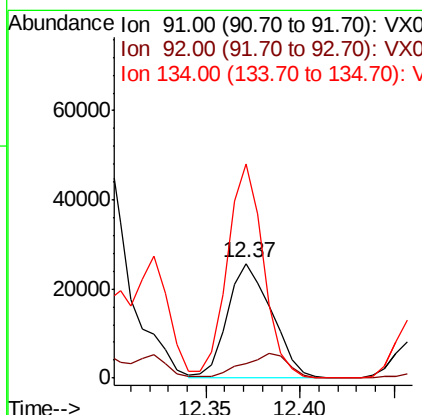
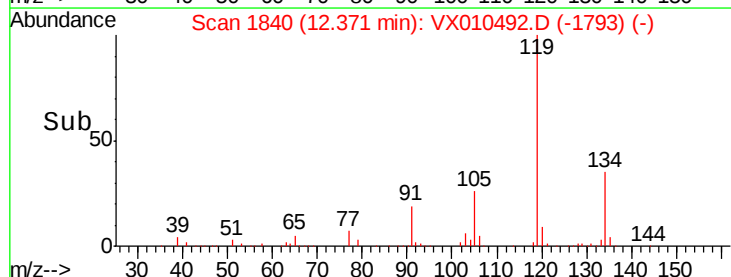
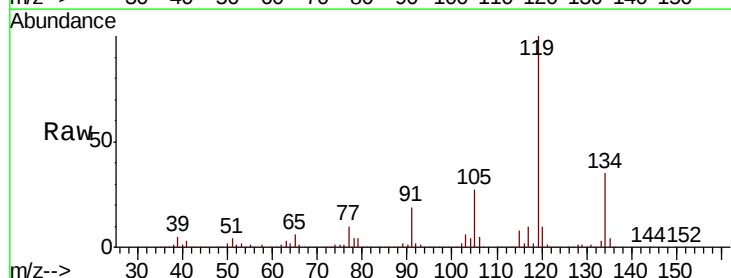
Instrument :
MSVOA_X
ClientSampleId :
FL-0574

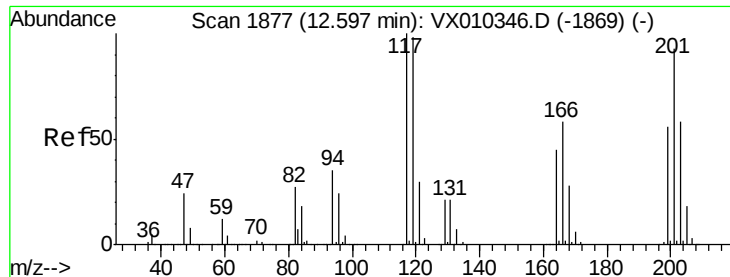
Tot Ion:119 Resp: 113553
Ion Ratio Lower Upper
119 100
134 29.8 13.7 41.1
91 22.9 11.3 33.8



#89
n-Butylbenzene
Concen: 4.529 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010492.D
Acq: 27 Jun 2019 16:30

Tgt Ion: 91 Resp: 41576
Ion Ratio Lower Upper
91 100
92 22.7 26.2 78.5#
134 153.2 14.1 42.4#





#90

Hexachloroethane

Concen: 8.467 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

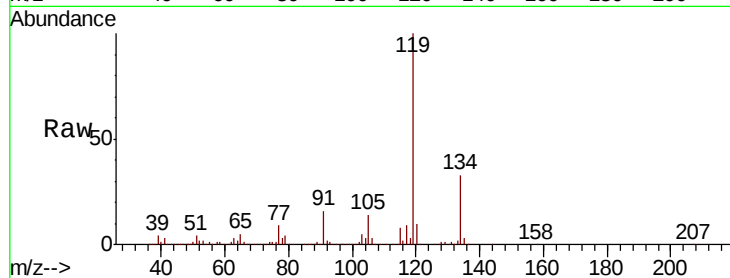
FL-0574

Tot Ion:117 Resp: 15816

Ion Ratio Lower Upper

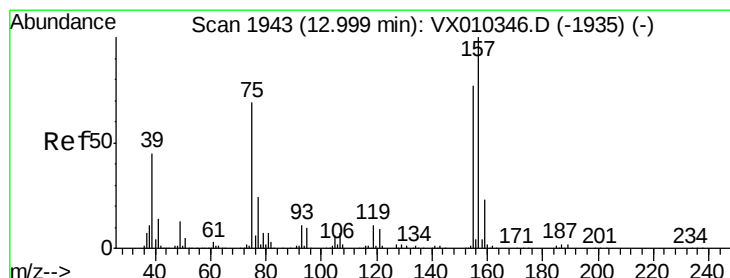
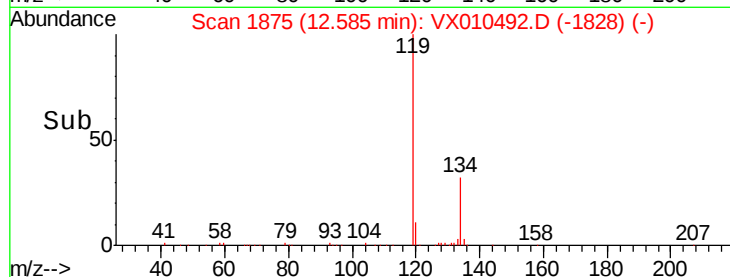
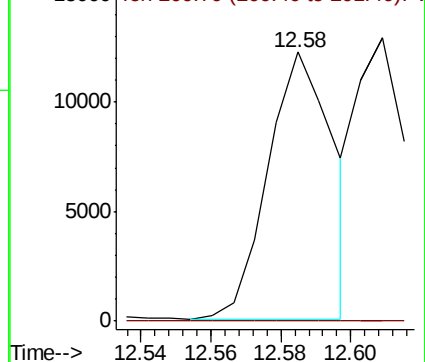
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.950 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

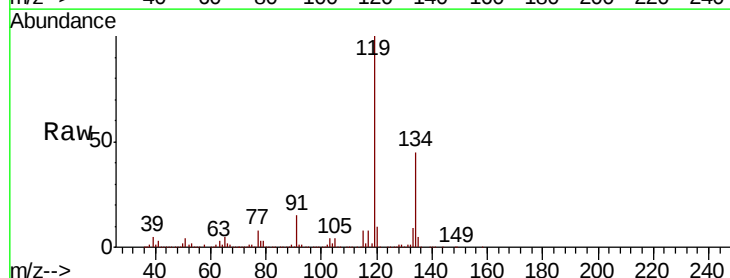
Tgt Ion: 75 Resp: 1674

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

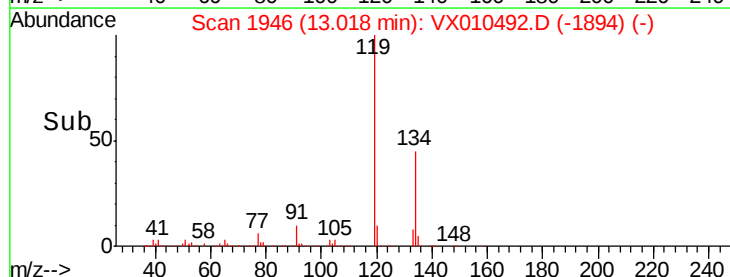
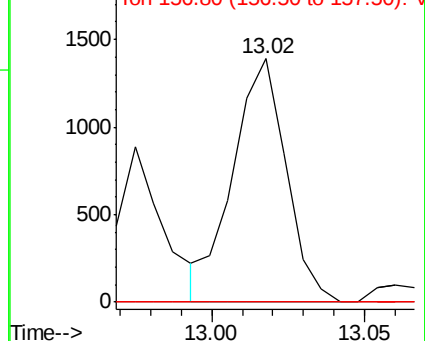
157 0.0 69.5 208.3#

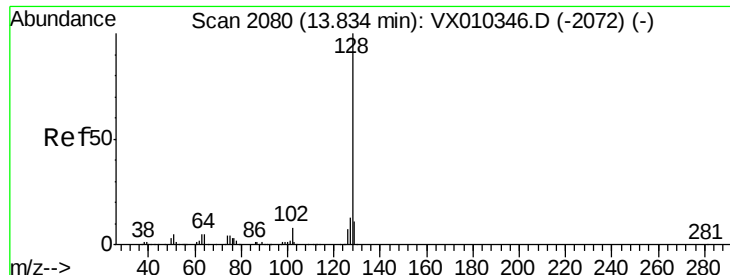


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 80.115 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010492.D

Acq: 27 Jun 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

FL-0574

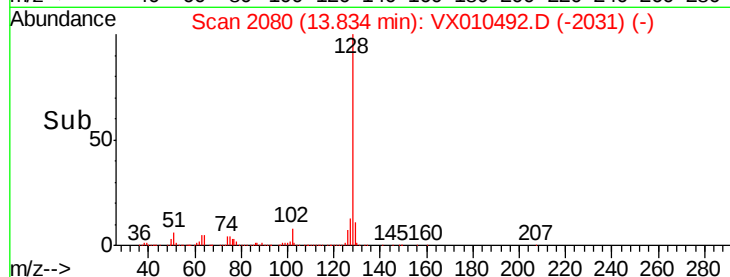
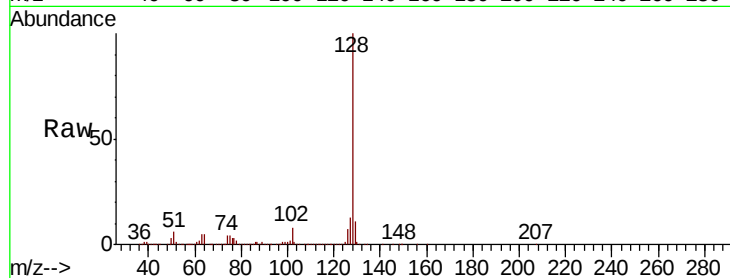
Tot Ion:128 Resp: 994326

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

