

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010674.D
 Acq On : 04 Jul 2019 07:51
 Operator : JC/SP
 Sample : K3664-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

Quant Time: Jul 05 00:57:09 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	5.66	168	238027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	116361	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	5.50	113	110886	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	442388	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	158029	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	433	0.225	ug/l	95
5) Bromomethane	1.65	94	563	0.548	ug/l #	50
6) Chloroethane	1.71	64	1128	0.906	ug/l #	41
11) Tert butyl alcohol	3.02	59	1264	2.164	ug/l #	74
13) Acrolein	2.39	56	11316	29.211	ug/l #	78
14) Allyl chloride	2.85	41	32698	11.163	ug/l #	63
15) Acrylonitrile	3.17	53	12341	10.674	ug/l #	42
16) Acetone	2.44	43	5774	5.162	ug/l	98
18) Methyl Acetate	2.85	43	81466	36.545	ug/l #	48
20) Methylene Chloride	2.84	84	536	0.233	ug/l #	1
25) 2-Butanone	4.56	43	3015	1.838	ug/l #	46
26) 2,2-Dichloropropane	4.40	77	5772	1.877	ug/l #	49
29) Tetrahydrofuran	5.12	42	528	0.520	ug/l #	40
30) Chloroform	5.27	83	1517	0.398	ug/l #	1
31) Cyclohexane	5.59	56	654610	203.067	ug/l	98
36) 1,1-Dichloropropene	5.67	75	15119	5.182	ug/l #	48
38) Carbon Tetrachloride	5.66	117	21677	6.861	ug/l #	15
39) Methylcyclohexane	7.46	83	1014877	264.629	ug/l	96
40) Benzene	6.15	78	603771	66.424	ug/l	100
42) 1,2-Dichloroethane	6.15	62	5328	1.926	ug/l #	71
43) Isopropyl Acetate	6.45	43	11650	2.346	ug/l #	59
45) 1,2-Dichloropropane	7.46	63	9697	4.225	ug/l #	1
47) Bromodichloromethane	7.84	83	1142	0.378	ug/l #	11
48) Methyl methacrylate	7.73	41	43074	18.661	ug/l #	51
49) 1,4-Dioxane	7.79	88	19	0.286	ug/l #	28
51) 4-Methyl-2-Pentanone	8.66	43	5508	1.734	ug/l #	43
55) 1,1,2-Trichloroethane	9.16	97	33310	13.493	ug/l #	19
56) Ethyl methacrylate	9.16	69	6911	1.848	ug/l #	1
59) 2-Hexanone	9.30	43	610	0.244	ug/l	64
67) Ethyl Benzene	10.25	91	2845952	244.197	ug/l	99
68) m/p-Xylenes	10.35	106	426066	94.351	ug/l	99
69) o-Xylene	10.69	106	3300	0.743	ug/l	97
73) Isopropylbenzene	11.02	105	909598	76.728	ug/l	98
74) N-amyl acetate	10.94	43	6066	1.354	ug/l #	47

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010674.D
 Acq On : 04 Jul 2019 07:51
 Operator : JC/SP
 Sample : K3664-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

Quant Time: Jul 05 00:57:09 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

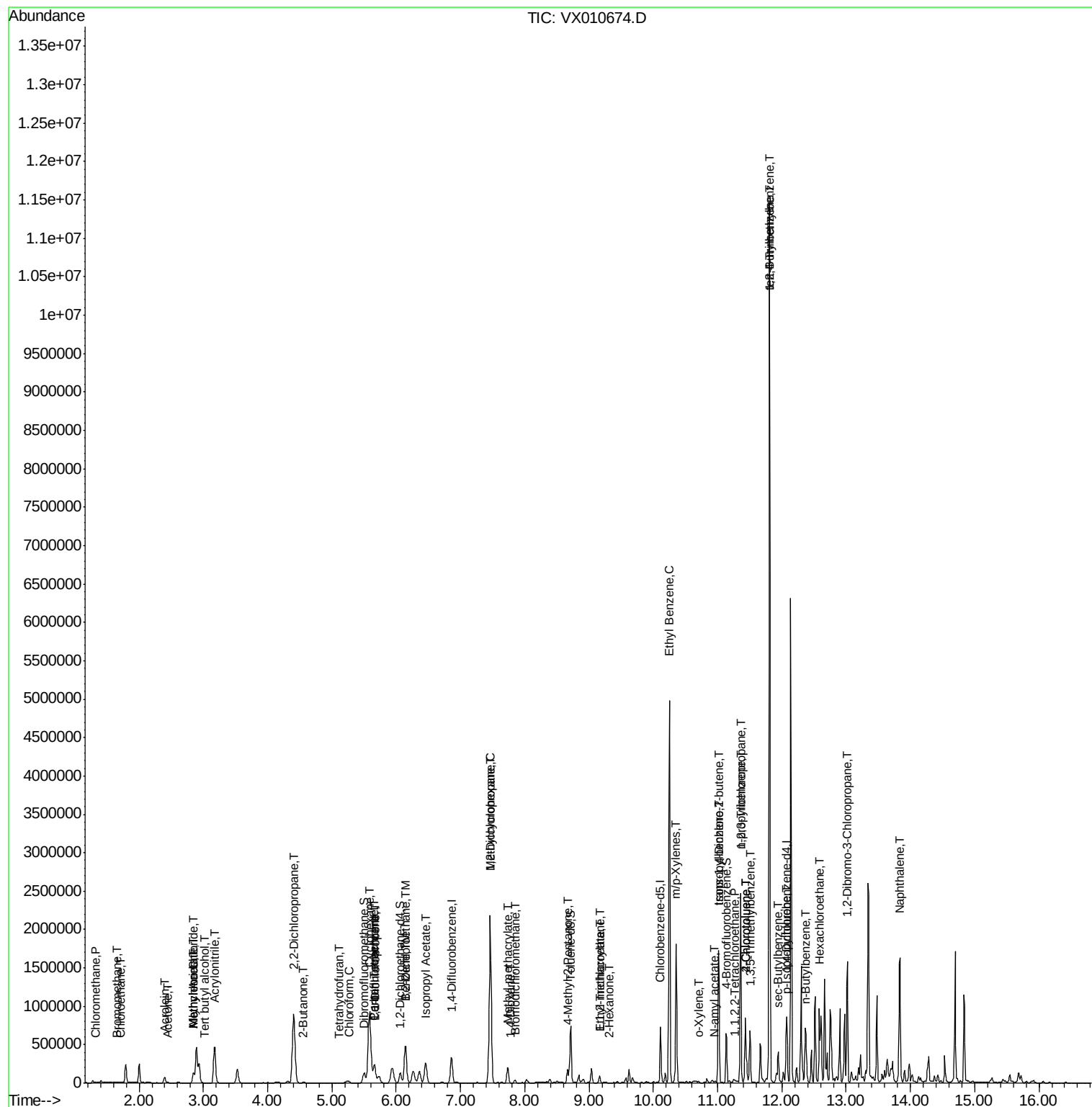
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	11.27	83	1353	0.345	ug/l #	80
76) 1,2,3-Trichloropropane	11.36	75	9100	2.856	ug/l #	1
78) n-propylbenzene	11.36	91	1501019	115.206	ug/l	98
79) 2-Chlorotoluene	11.43	91	63311	8.160	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	288132	29.483	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	10467	7.662	ug/l #	57
82) 4-Chlorotoluene	11.43	91	63311	7.171	ug/l #	43
83) tert-Butylbenzene	11.81	119	628161	64.040	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.81	105	4967675	505.940	ug/l	99
85) sec-Butylbenzene	11.94	105	203460	17.666	ug/l	85
86) p-Isopropyltoluene	12.06	119	79655	7.477	ug/l	98
89) n-Butylbenzene	12.38	91	142711	15.765	ug/l #	47
90) Hexachloroethane	12.58	117	40925	22.217	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	4764	5.628	ug/l #	1
95) Naphthalene	13.83	128	1040308	85.003	ug/l	100

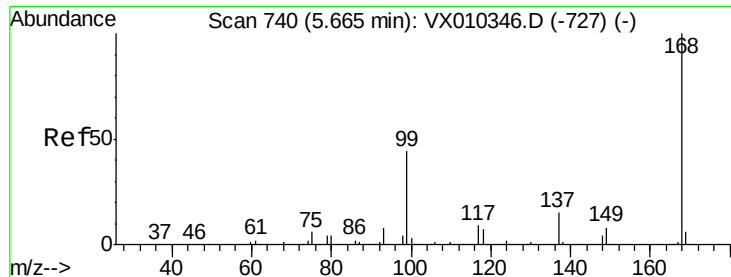
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010674.D
Acq On : 04 Jul 2019 07:51
Operator : JC/SP
Sample : K3664-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

Quant Time: Jul 05 00:57:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

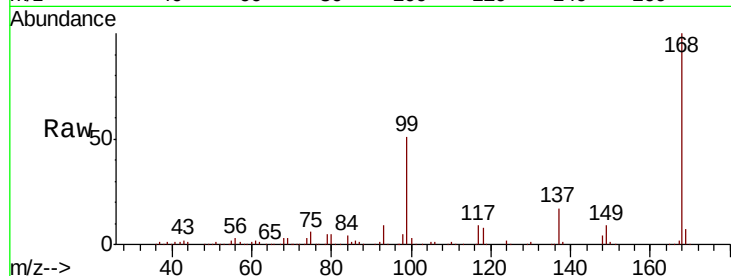
FL-0582

Tot Ion:168 Resp: 238027

Ion Ratio Lower Upper

168 100

99 50.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

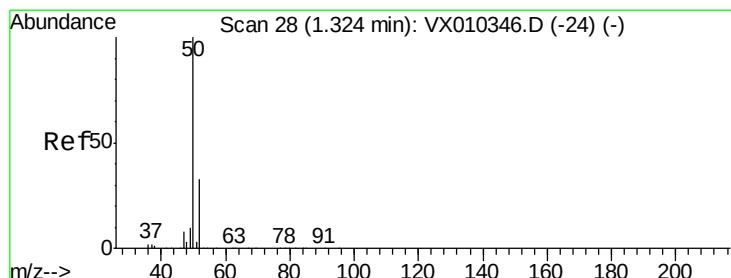
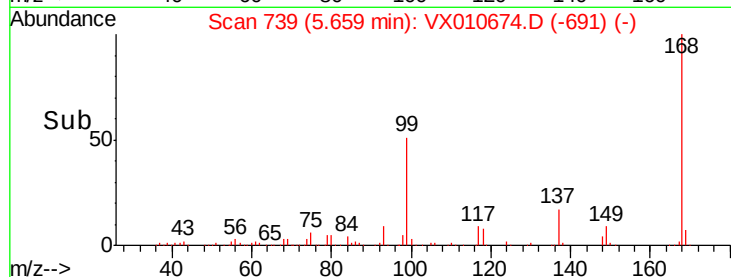
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.225 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010674.D

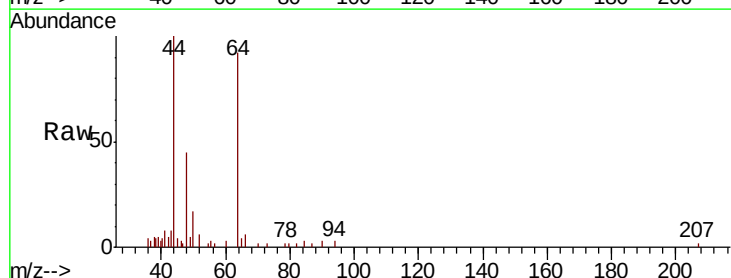
Acq: 04 Jul 2019 07:51

Tgt Ion: 50 Resp: 433

Ion Ratio Lower Upper

50 100

52 30.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

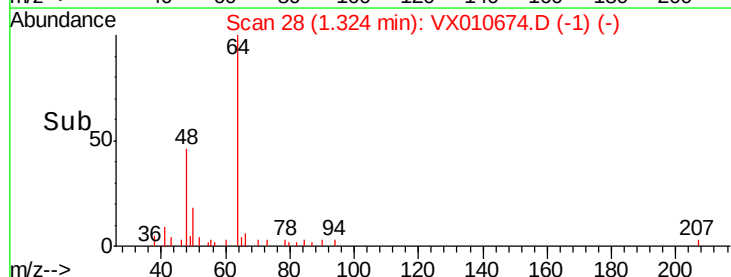
300

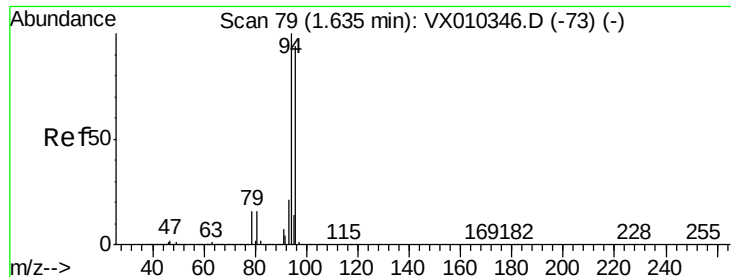
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.548 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

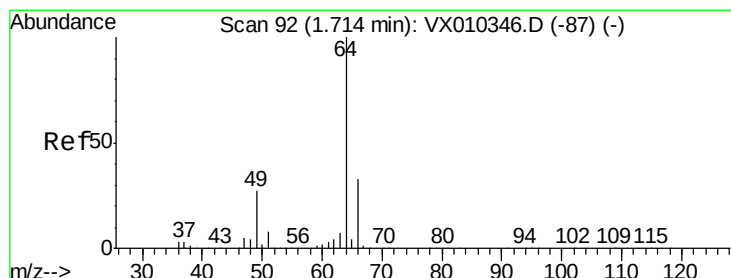
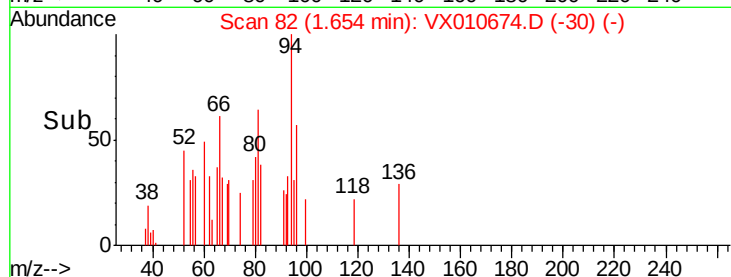
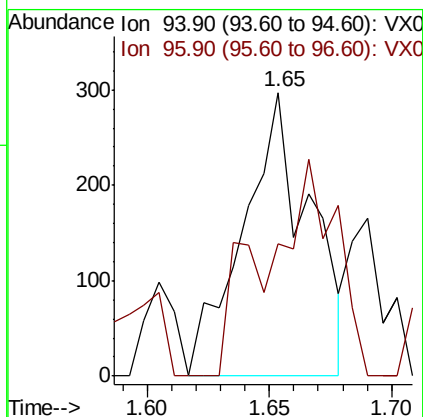
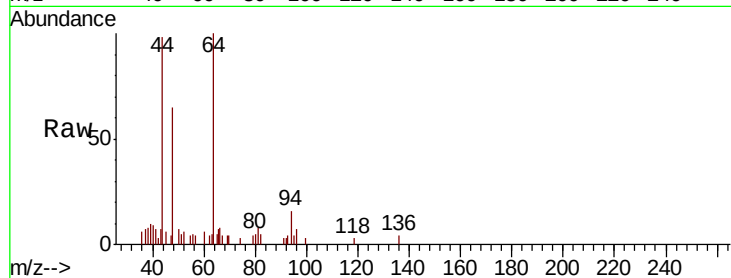
FL-0582

Tot Ion: 94 Resp: 563

Ion Ratio Lower Upper

94 100

96 46.5 75.5 113.3#



#6

Chloroethane

Concen: 0.906 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010674.D

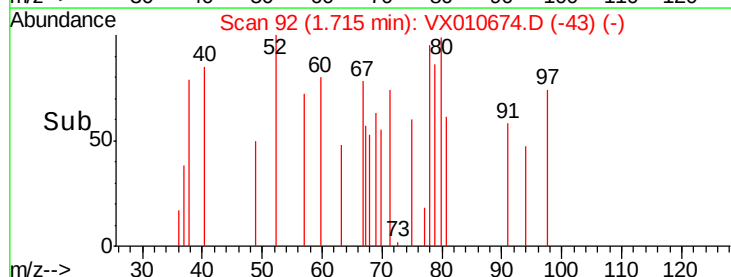
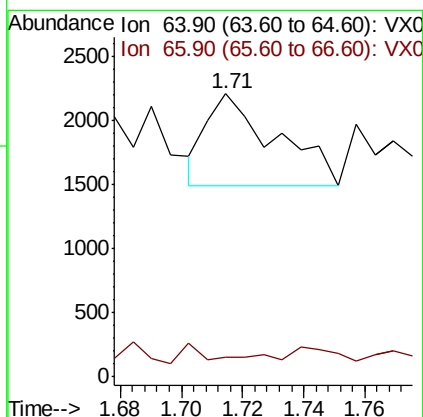
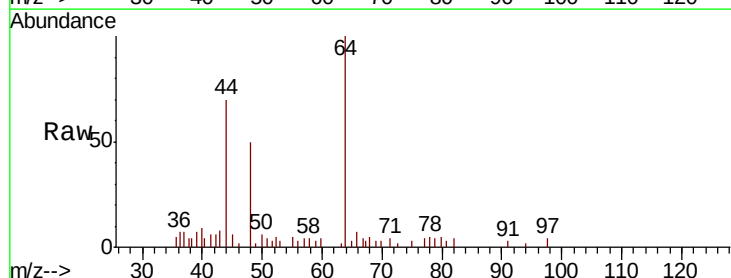
Acq: 04 Jul 2019 07:51

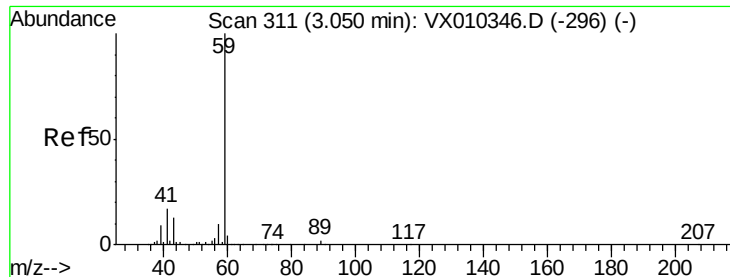
Tgt Ion: 64 Resp: 1128

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#

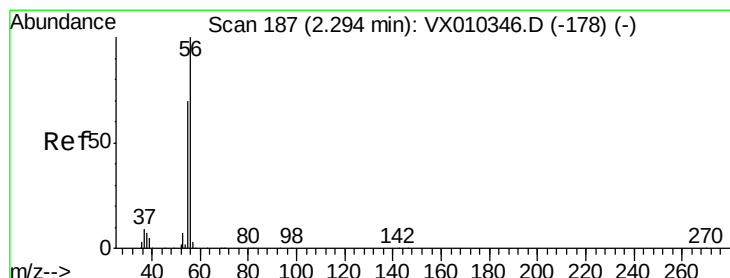
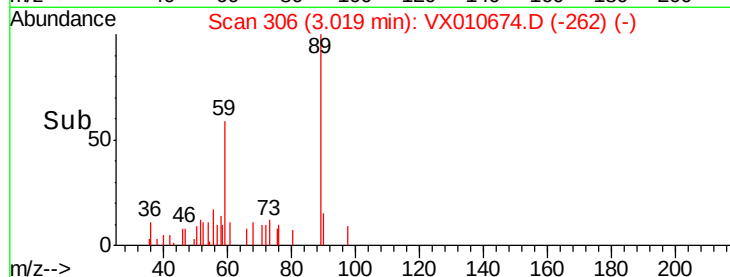
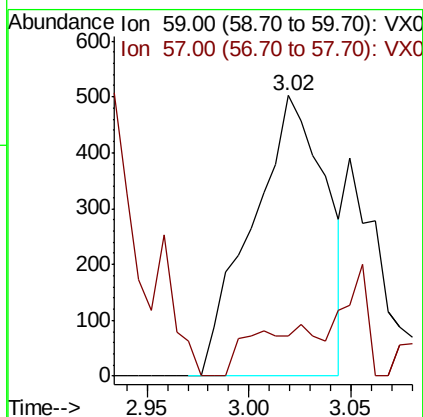
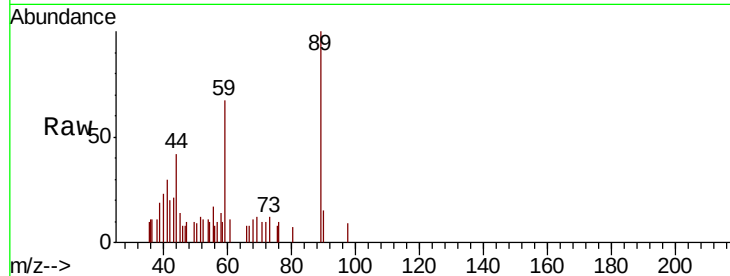




#11
Tert butyl alcohol
Concen: 2.164 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

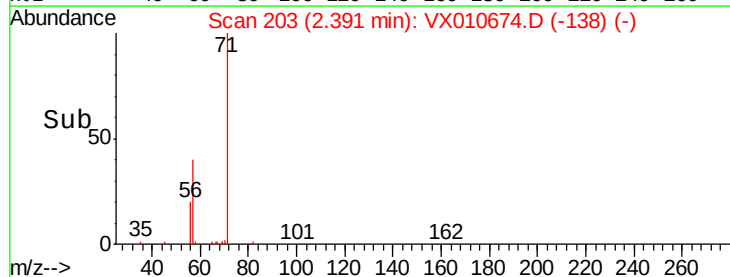
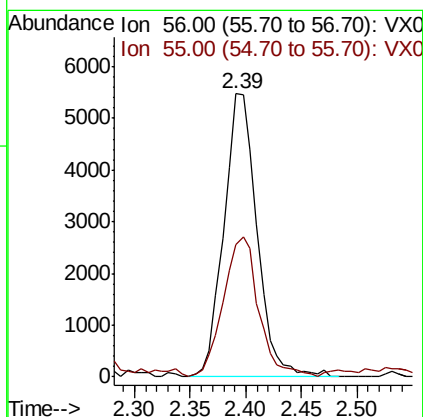
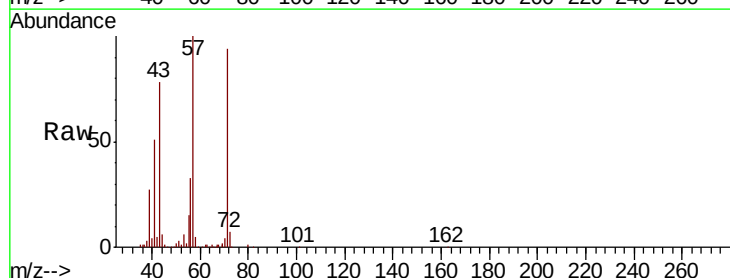
Instrument :
MSVOA_X
ClientSampled :
FL-0582

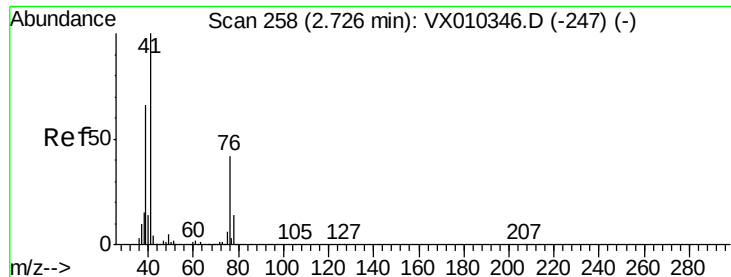
Tot Ion: 59 Resp: 1264
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 29.211 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.10 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion: 56 Resp: 11316
Ion Ratio Lower Upper
56 100
55 52.8 56.9 85.3#





#14

Allvl chloride

Concen: 11.163 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0582

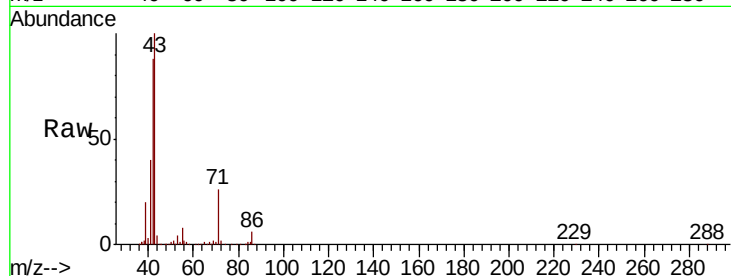
Tot Ion: 41 Resp: 32698

Ion Ratio Lower Upper

41 100

39 47.1 50.3 75.5#

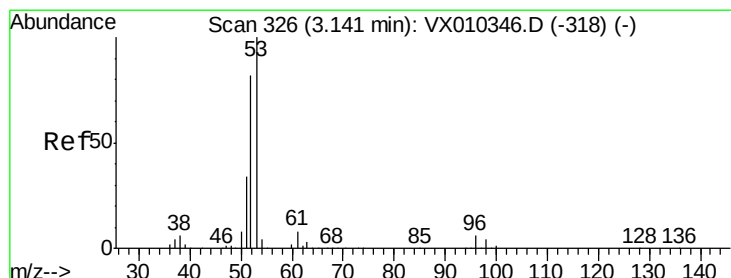
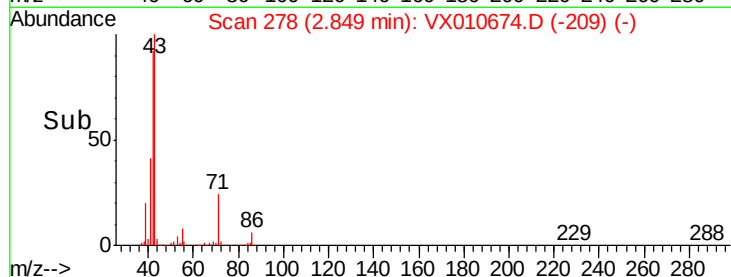
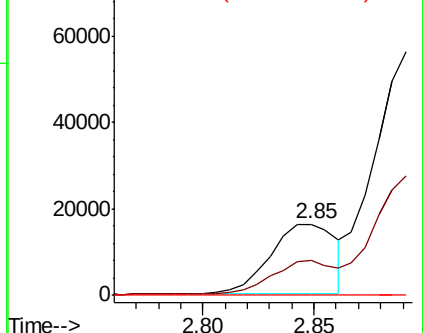
76 0.0 31.3 46.9#



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



#15

Acrylonitrile

Concen: 10.674 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

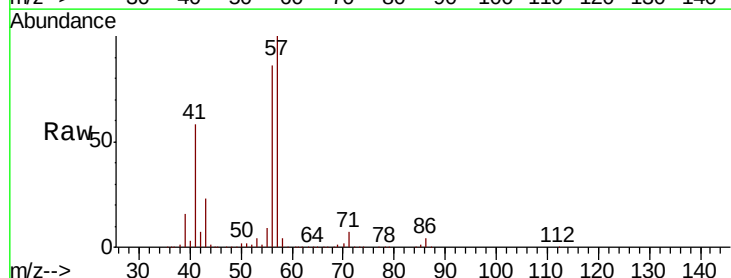
Tgt Ion: 53 Resp: 12341

Ion Ratio Lower Upper

53 100

52 22.0 65.5 98.3#

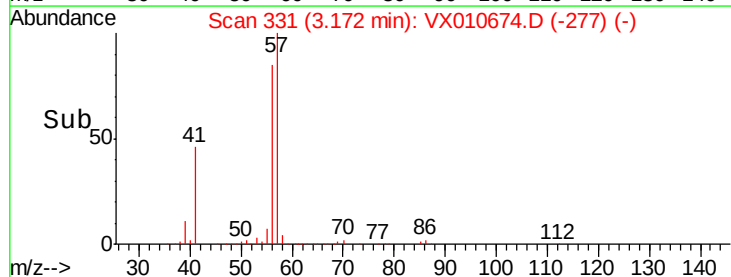
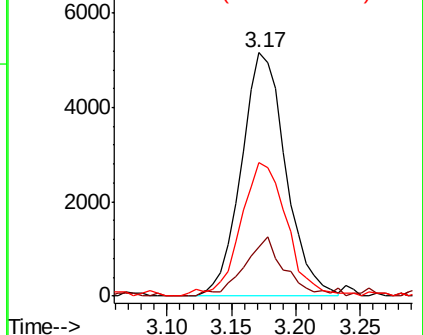
51 57.2 28.2 42.4#

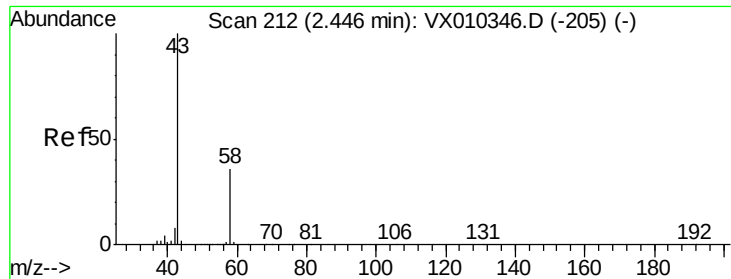


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

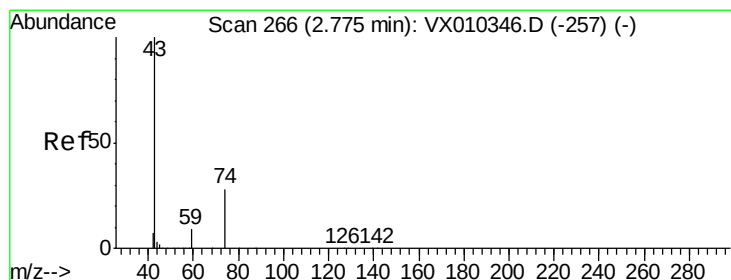
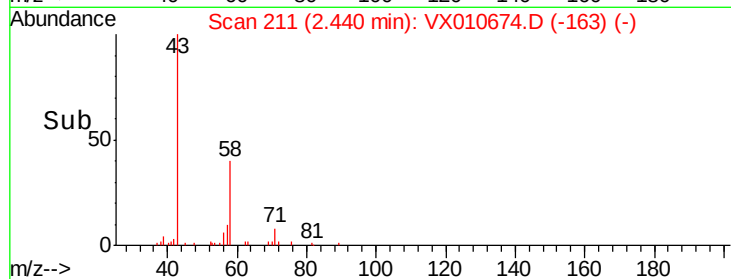
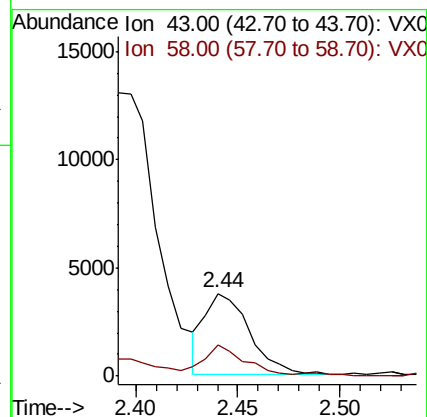
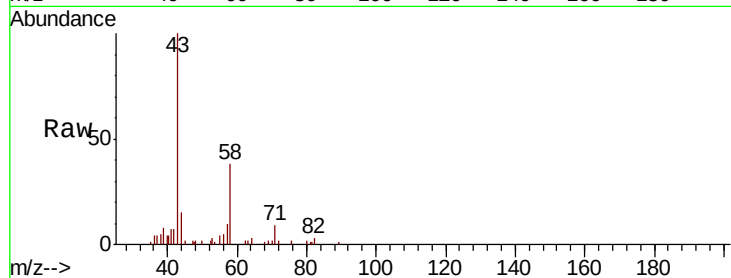




#16
Acetone
Concen: 5.162 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

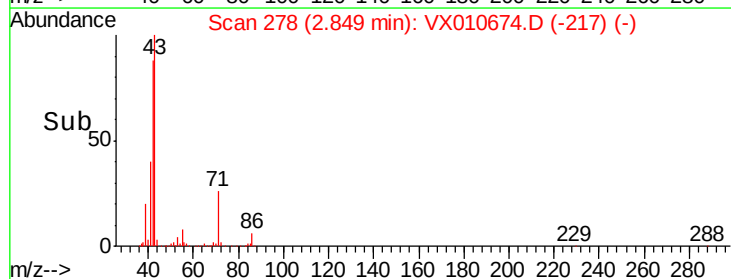
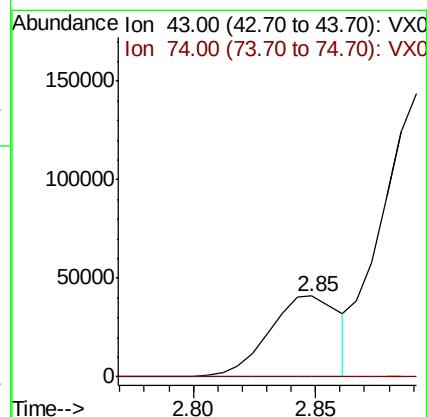
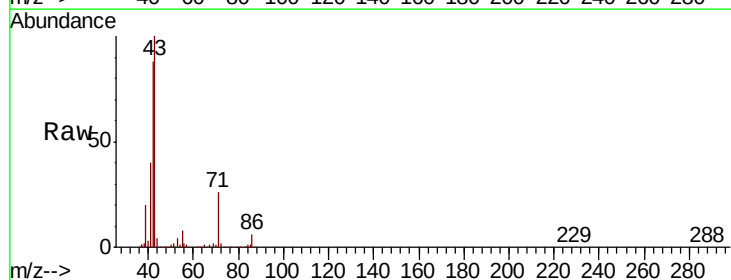
Instrument :
MSVOA_X
ClientSampleId :
FL-0582

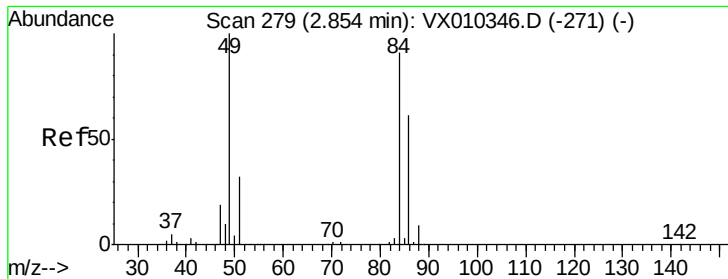
Tot Ion: 43 Resp: 5774
Ion Ratio Lower Upper
43 100
58 37.2 28.9 43.3



#18
Methyl Acetate
Concen: 36.545 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion: 43 Resp: 81466
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#

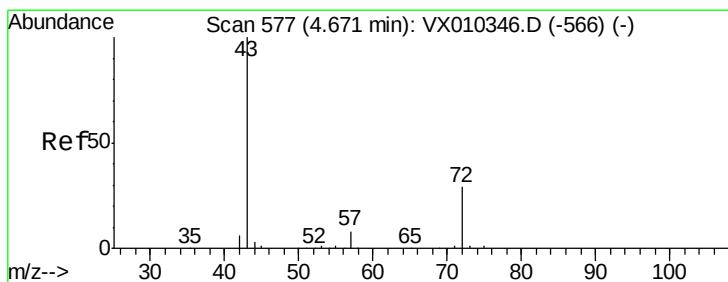
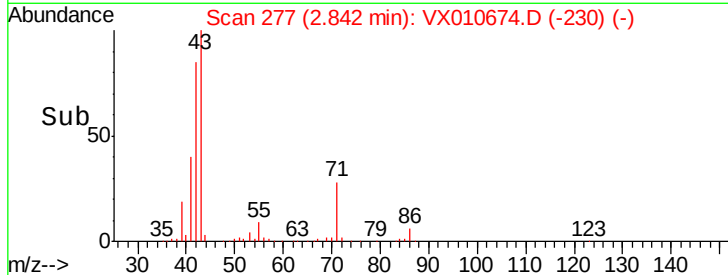
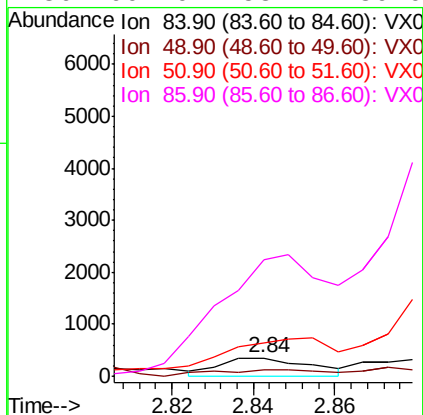
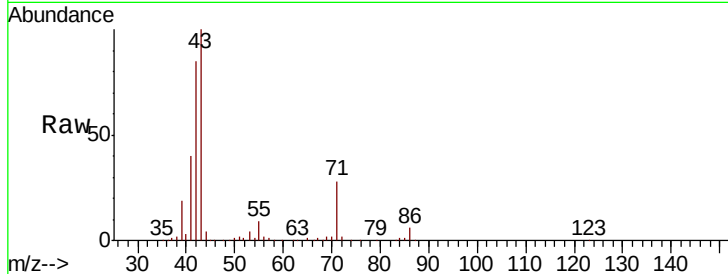




#20
Methvlene Chloride
Concen: 0.233 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

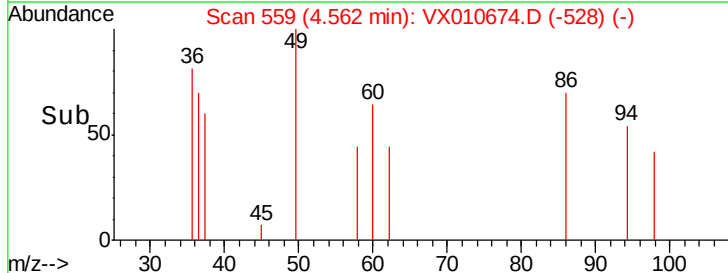
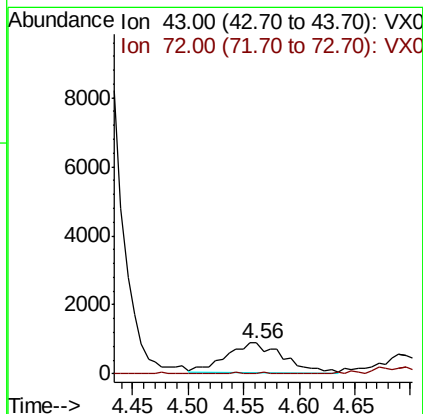
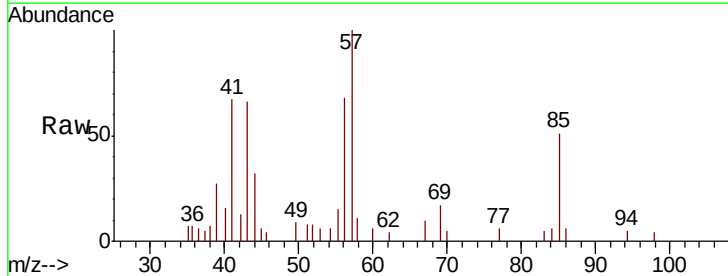
Instrument :
MSVOA_X
ClientSampleId :
FL-0582

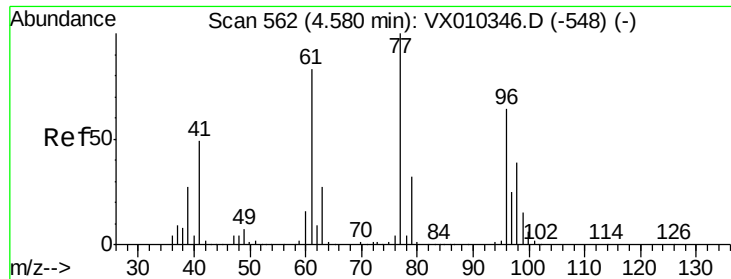
Tot Ion	84	Resp	536
Ion Ratio	Lower	Upper	
84	100		
49	20.5	87.5	131.3#
51	175.8	27.7	41.5#
86	602.0	53.4	80.0#



#25
2-Butanone
Concen: 1.838 ug/l
RT: 4.56 min Scan# 559
Delta R.T. -0.11 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion	43	Resp	3015
Ion Ratio	Lower	Upper	
43	100		
72	0.0	23.3	34.9#

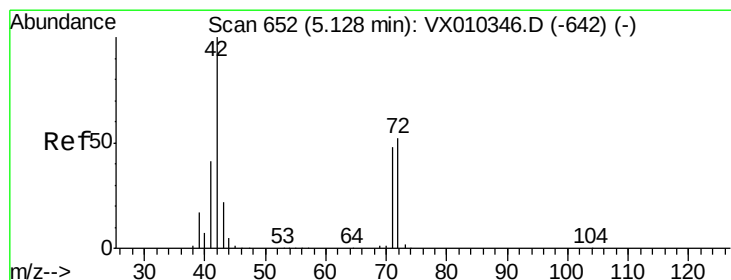
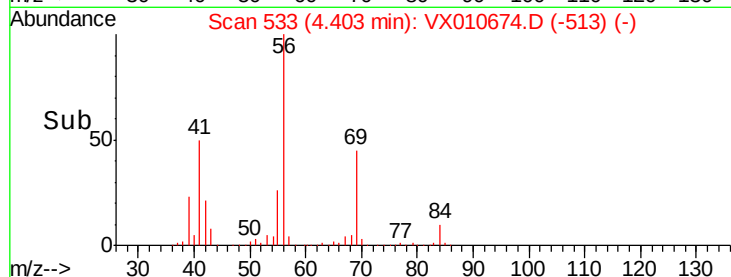
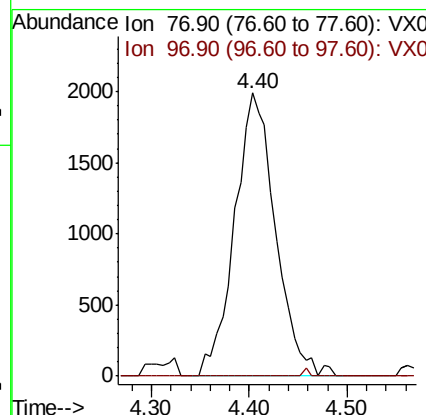
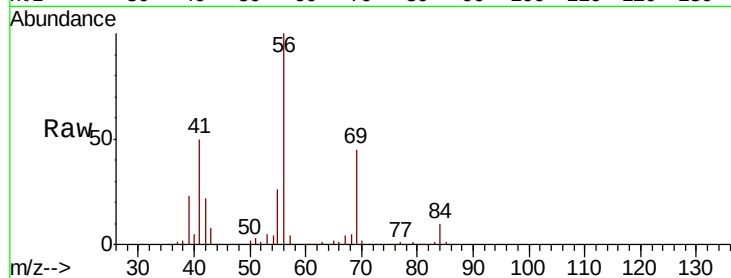




#26
 2,2-Dichloropropane
 Concen: 1.877 ug/l
 RT: 4.40 min Scan# 533
 Delta R.T. -0.18 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

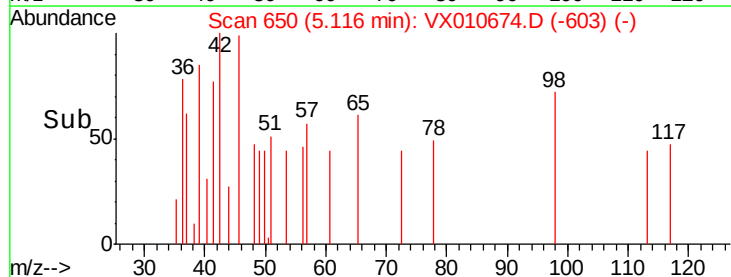
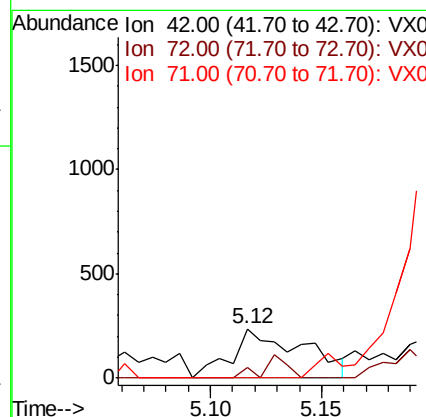
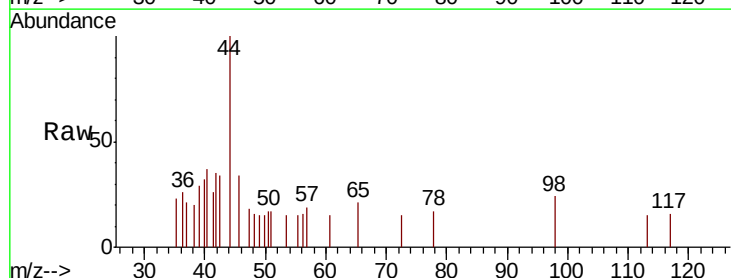
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

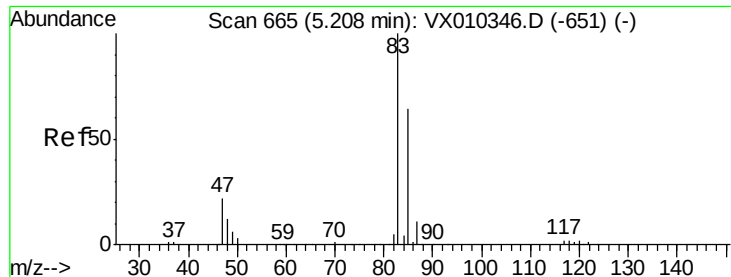
Tot Ion: 77 Resp: 5772
 Ion Ratio Lower Upper
 77 100
 97 0.0 13.1 39.3#



#29
 Tetrahydrofuran
 Concen: 0.520 ug/l
 RT: 5.12 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

Tgt Ion: 42 Resp: 528
 Ion Ratio Lower Upper
 42 100
 72 15.7 40.6 60.8#
 71 0.0 37.8 56.8#

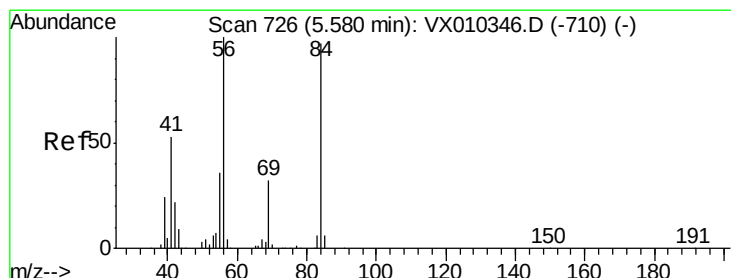
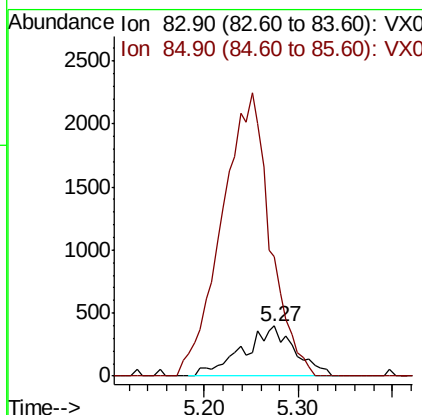
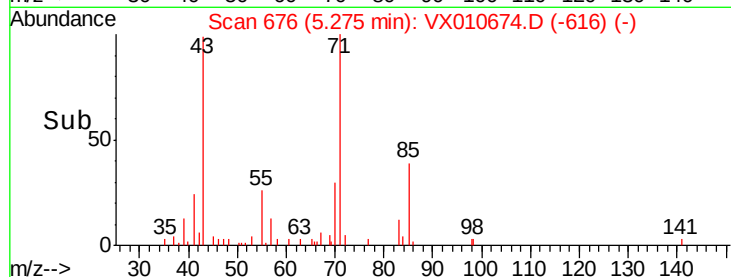
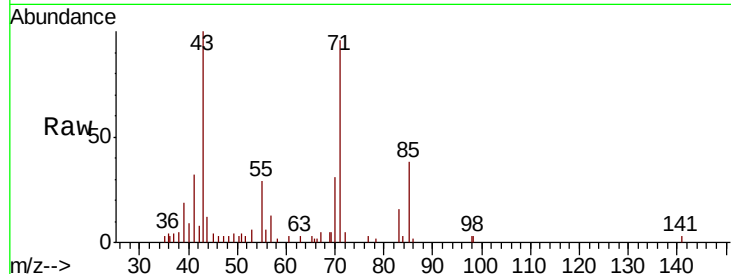




#30
Chloroform
Concen: 0.398 ug/l
RT: 5.27 min Scan# 676
Delta R.T. 0.07 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

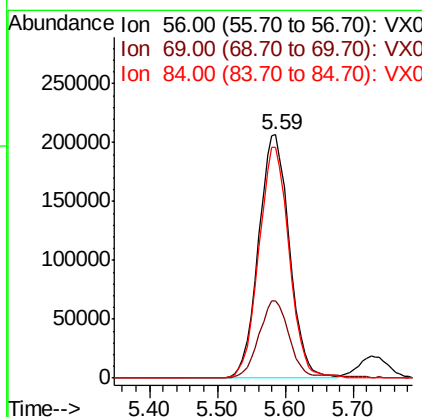
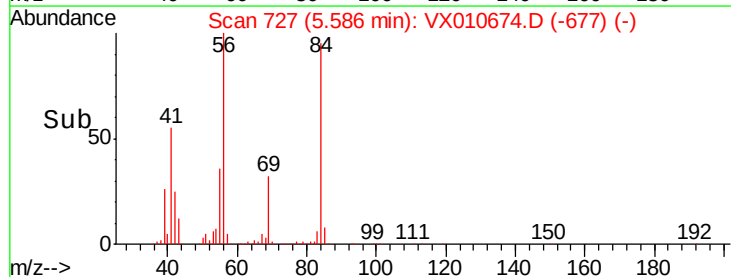
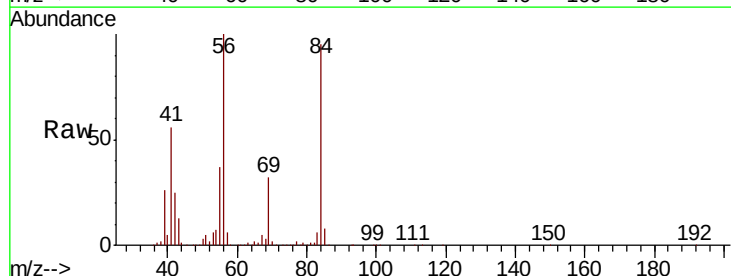
Instrument :
MSVOA_X
ClientSampled :
FL-0582

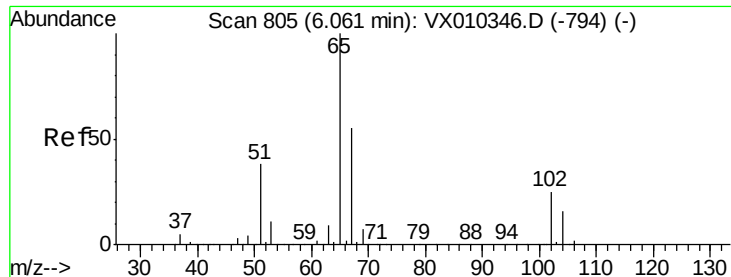
Tot Ion: 83 Resp: 1517
Ion Ratio Lower Upper
83 100
85 239.7 50.9 76.3#



#31
Cyclohexane
Concen: 203.067 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion: 56 Resp: 654610
Ion Ratio Lower Upper
56 100
69 31.7 25.9 38.9
84 95.1 78.0 117.0

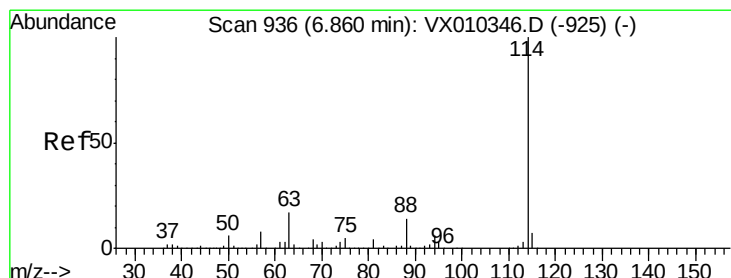
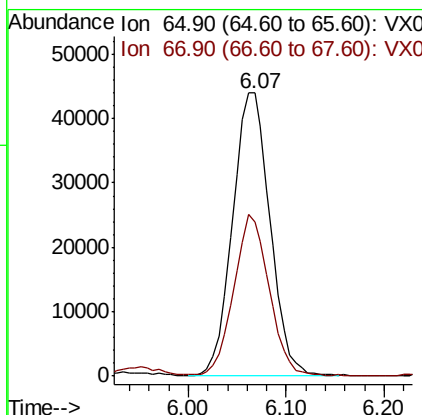
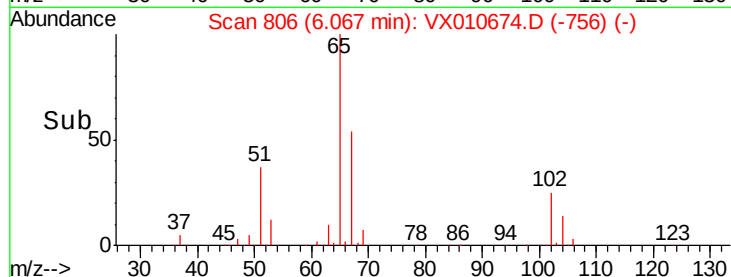
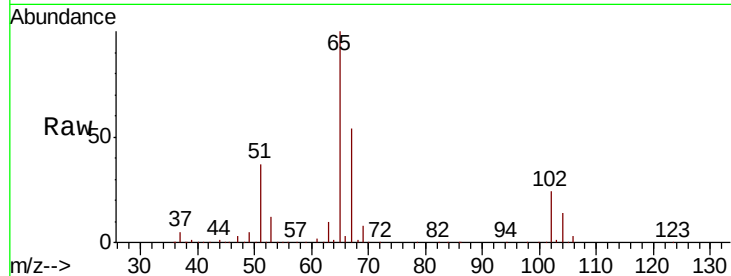




#33
 1,2-Dichloroethane-d4
 Concen: 52.139 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

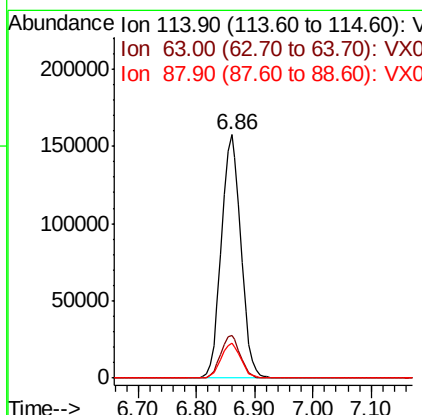
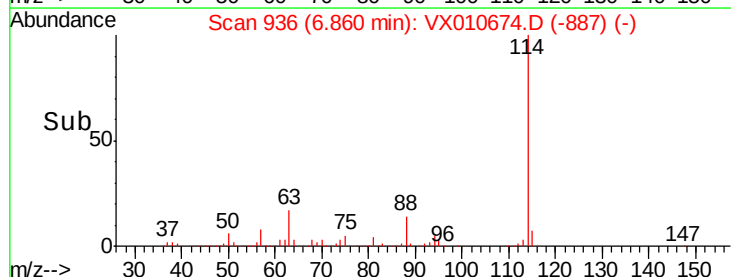
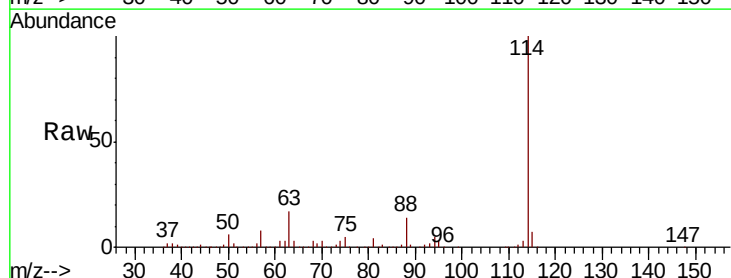
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

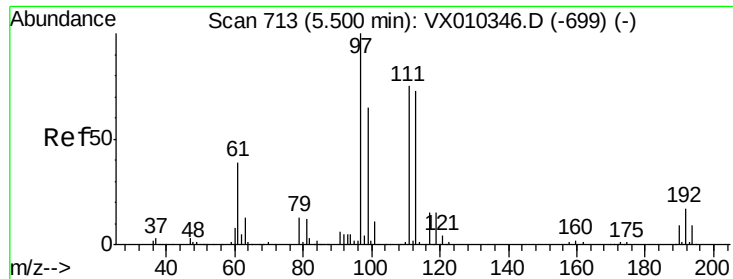
Tot Ion: 65 Resp: 116361
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

Tgt Ion: 114 Resp: 367152
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.362 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

FL-0582

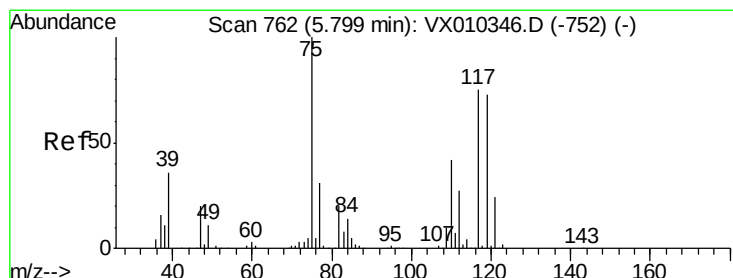
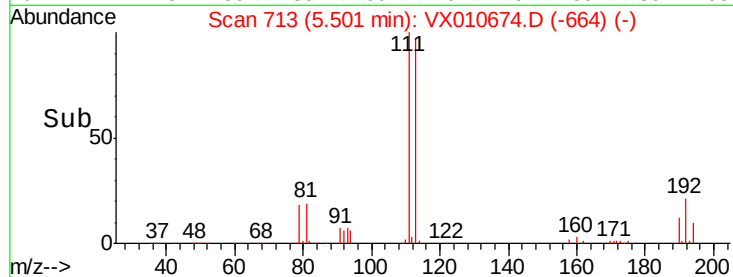
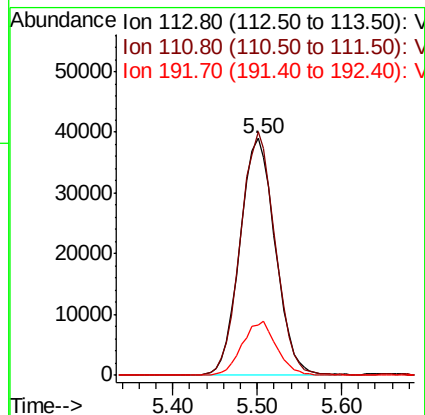
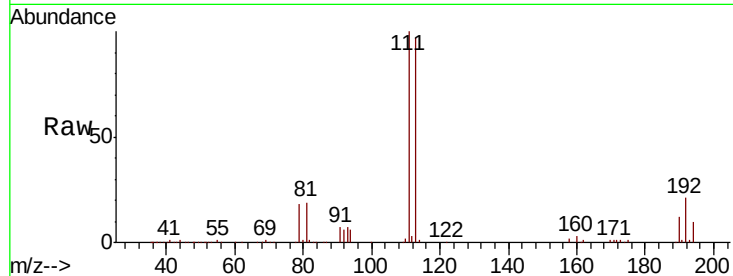
Tot Ion:113 Resp: 110886

Ion Ratio Lower Upper

113 100

111 100.9 81.2 121.8

192 22.2 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.182 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

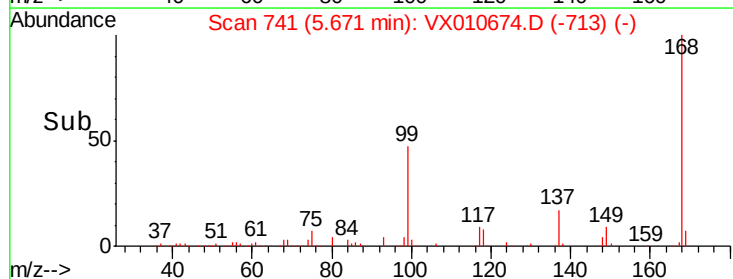
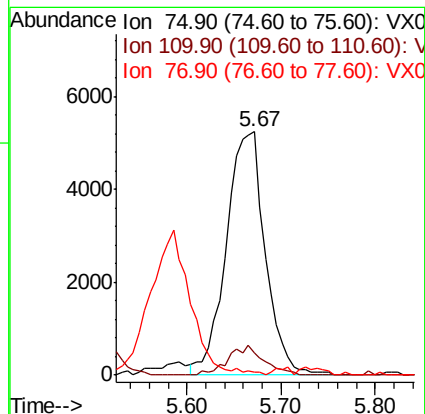
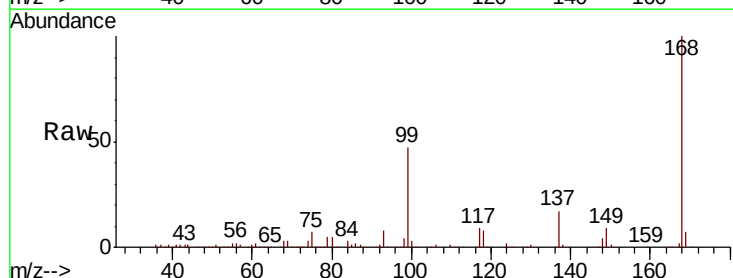
Tgt Ion: 75 Resp: 15119

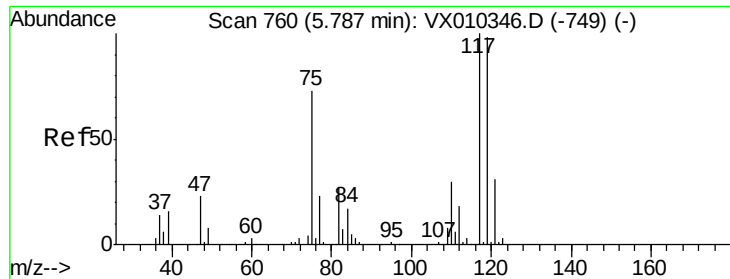
Ion Ratio Lower Upper

75 100

110 11.3 20.8 62.2#

77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.861 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0582

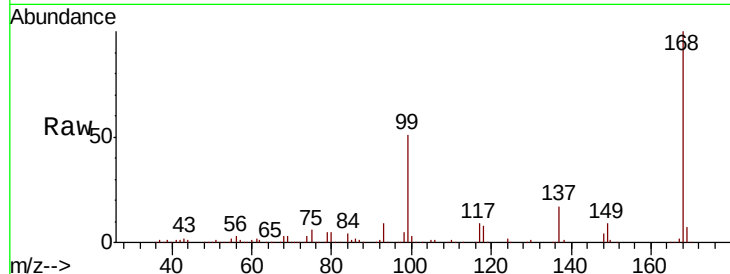
Tot Ion:117 Resp: 21677

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.4#

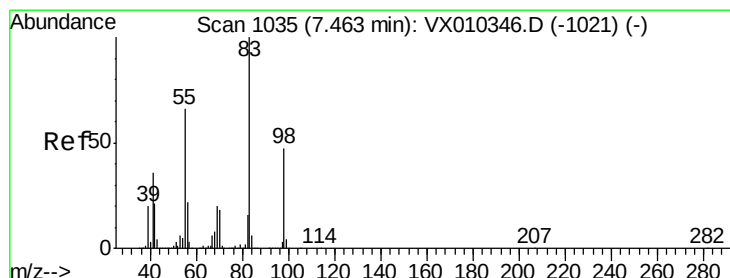
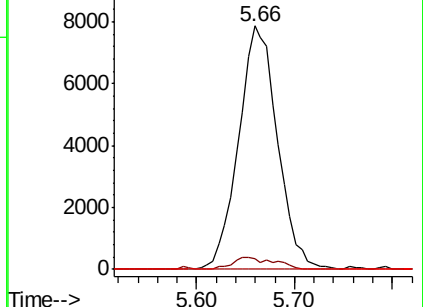
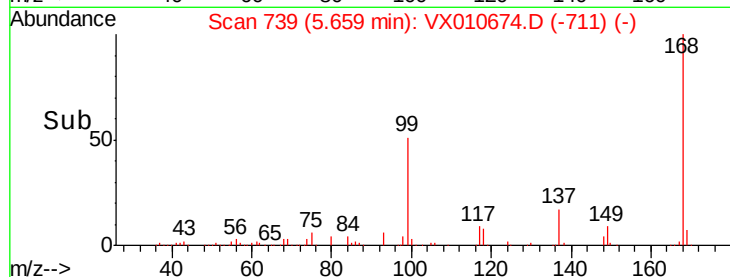
121 0.0 24.7 37.1#



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: 264.629 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

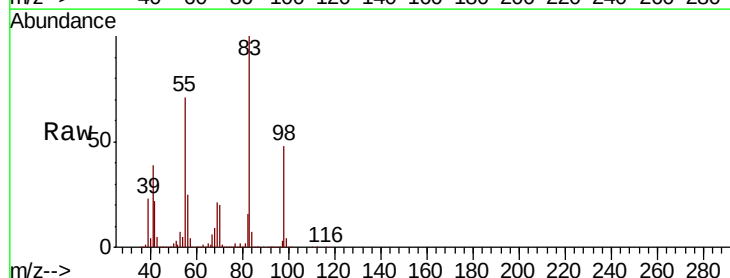
Tgt Ion: 83 Resp: 1014877

Ion Ratio Lower Upper

83 100

55 70.7 53.0 79.6

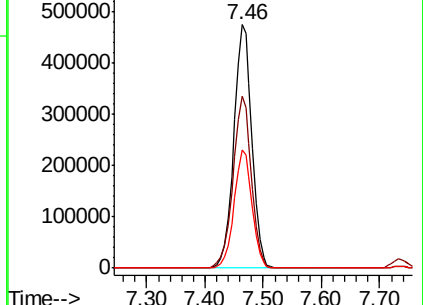
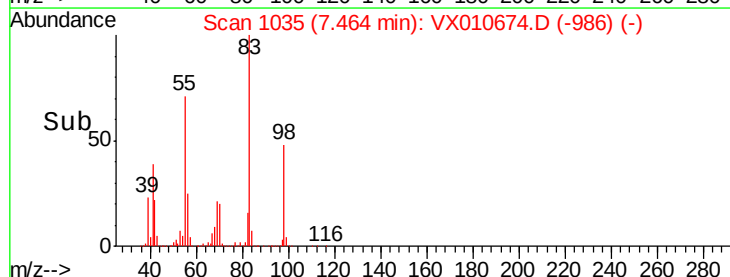
98 48.5 37.8 56.8

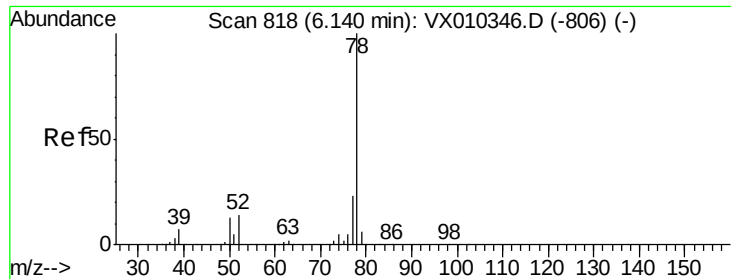


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 66.424 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

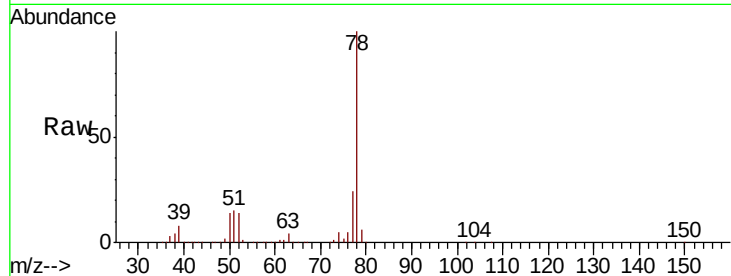
FL-0582

Tot Ion: 78 Resp: 603771

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

250000

200000

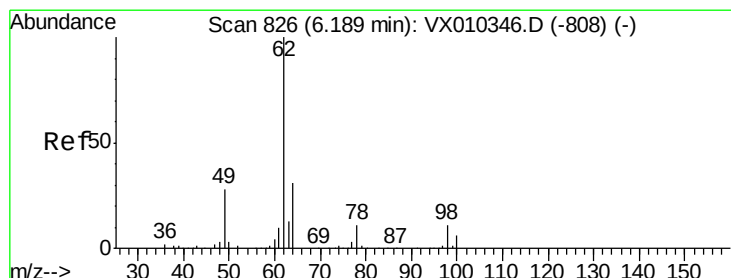
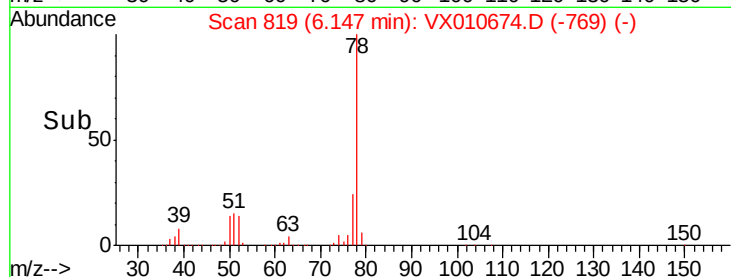
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 1.926 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.04 min

Lab File: VX010674.D

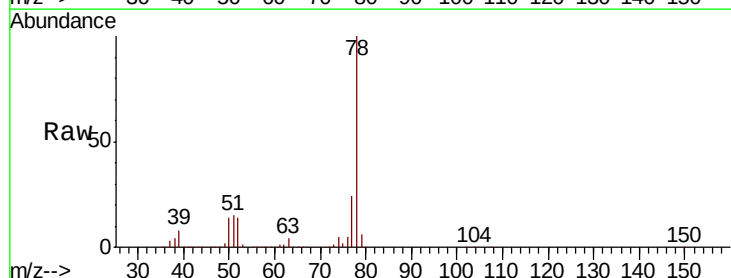
Acq: 04 Jul 2019 07:51

Tgt Ion: 62 Resp: 5328

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.15

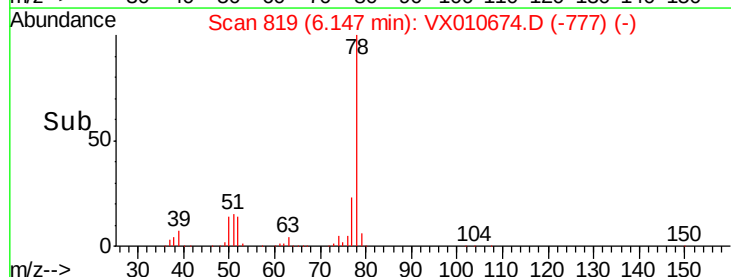
3000

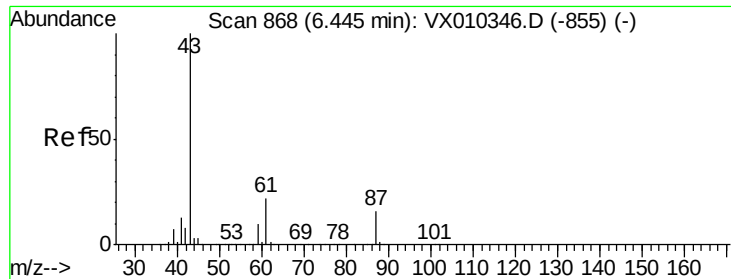
2000

1000

0

Time-->





#43

Isopropyl Acetate

Concen: 2.346 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

FL-0582

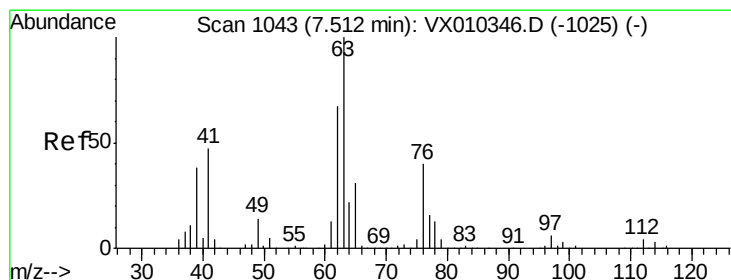
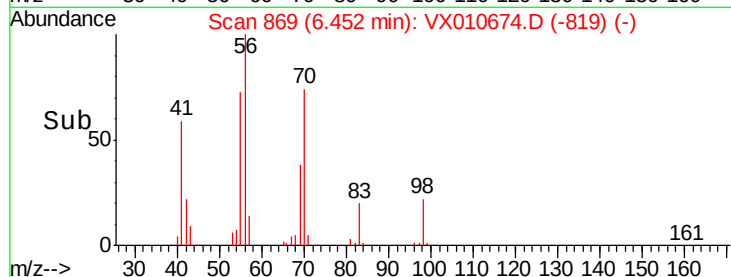
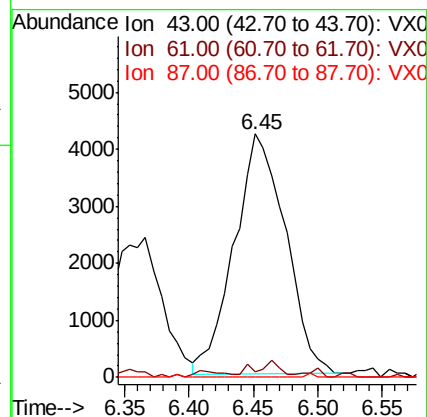
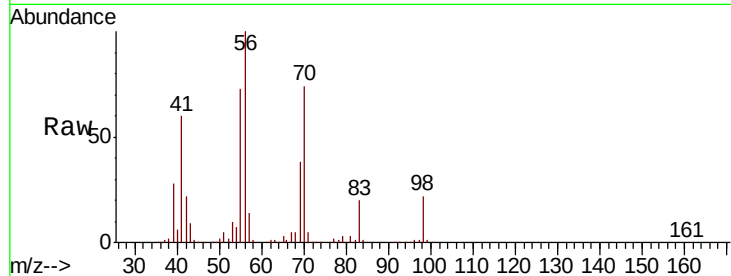
Tot Ion: 43 Resp: 11650

Ion Ratio Lower Upper

43 100

61 1.3 17.8 26.6#

87 0.0 13.0 19.4#



#45

1,2-Dichloropropane

Concen: 4.225 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010674.D

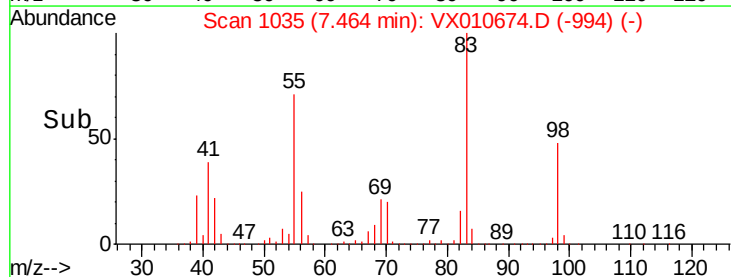
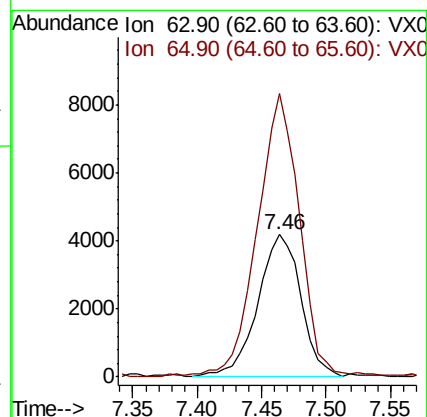
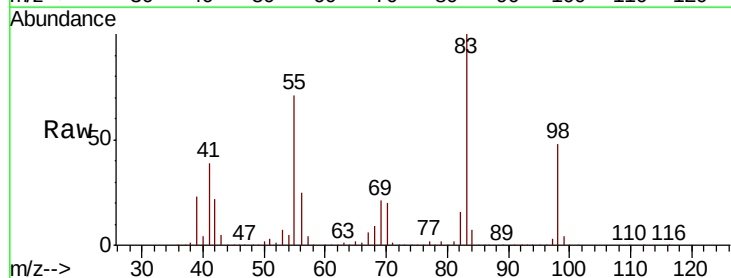
Acq: 04 Jul 2019 07:51

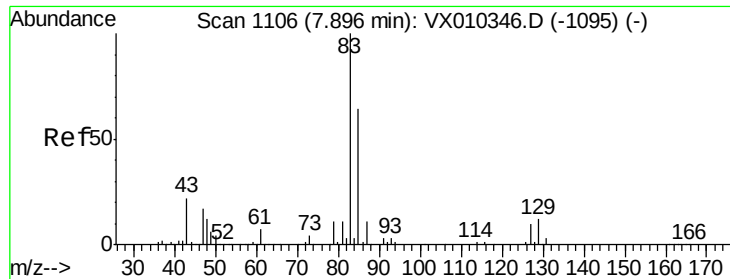
Tgt Ion: 63 Resp: 9697

Ion Ratio Lower Upper

63 100

65 197.6 24.8 37.2#





#47

Bromodichloromethane

Concen: 0.378 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

FL-0582

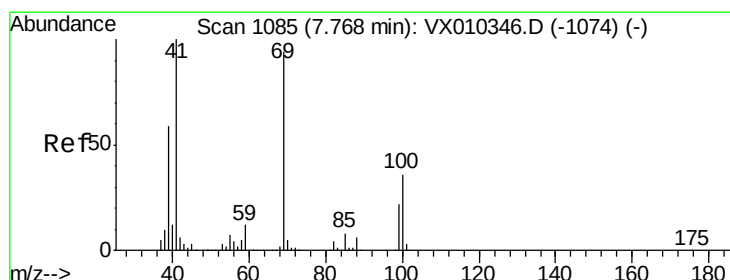
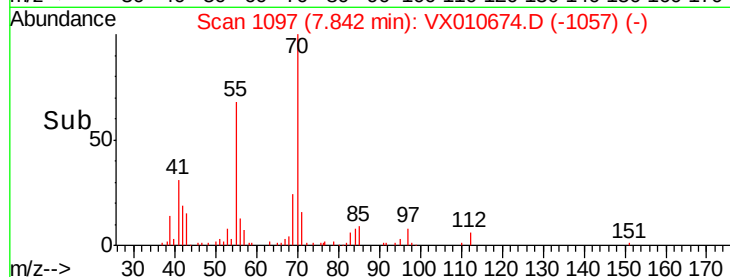
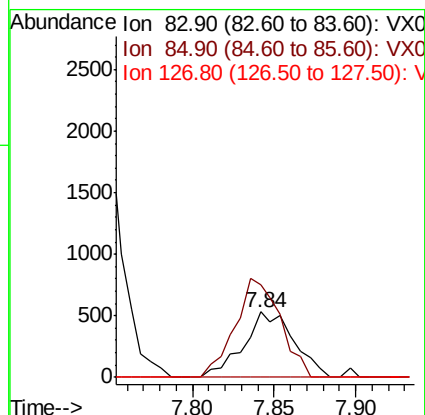
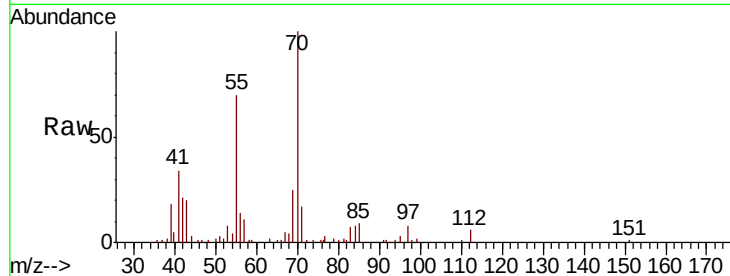
Tot Ion: 83 Resp: 1142

Ion Ratio Lower Upper

83 100

85 141.5 51.5 77.3#

127 0.0 7.8 11.8#



#48

Methyl methacrylate

Concen: 18.661 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

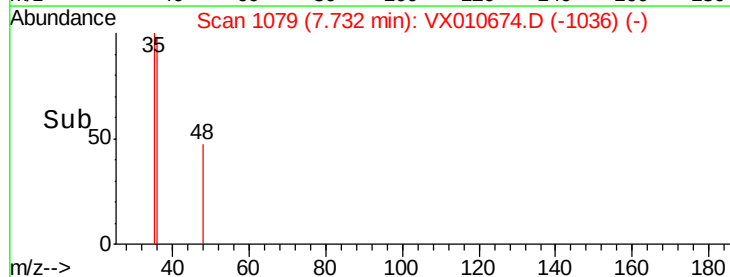
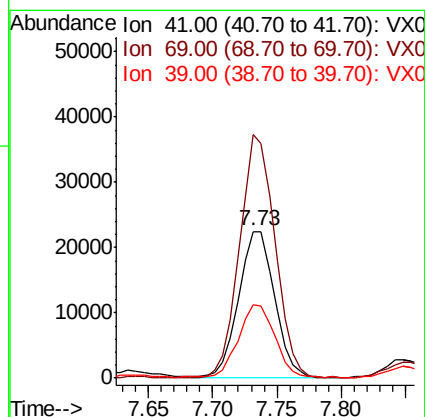
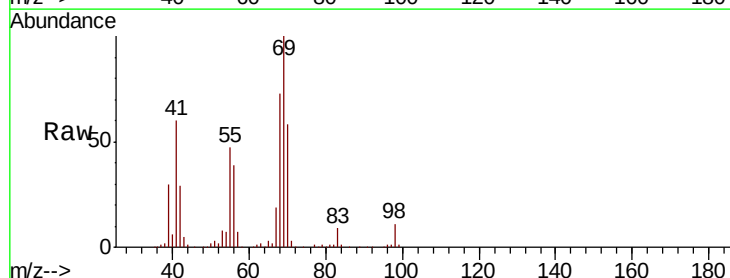
Tgt Ion: 41 Resp: 43074

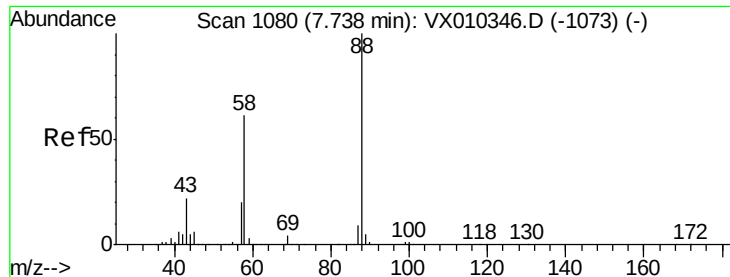
Ion Ratio Lower Upper

41 100

69 165.3 76.1 114.1#

39 50.6 47.6 71.4

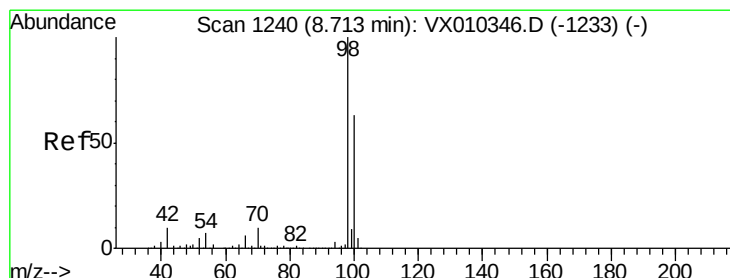
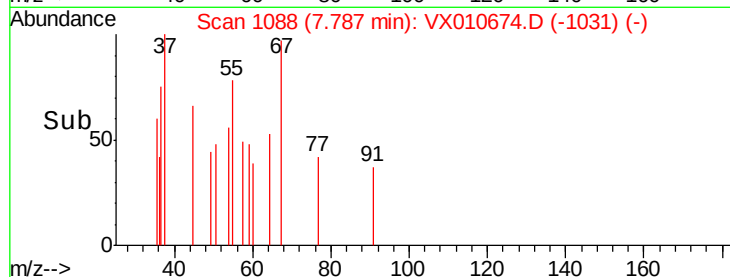
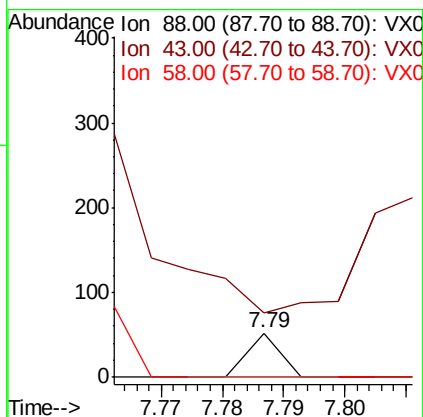
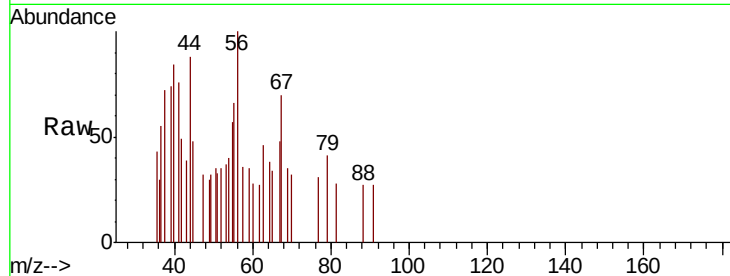




#49
1,4-Dioxane
Concen: 0.286 ug/l
RT: 7.79 min Scan# 1088
Delta R.T. 0.05 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

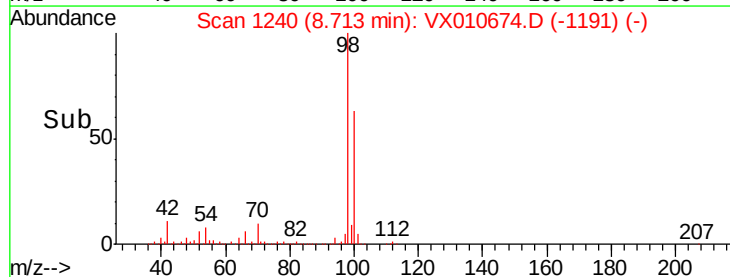
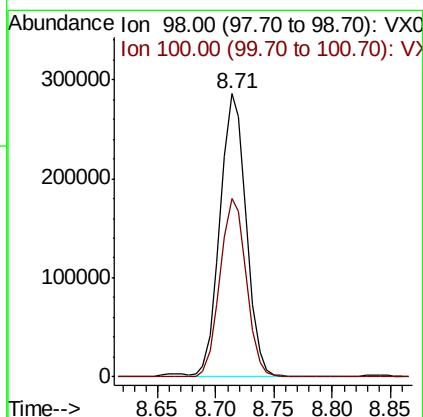
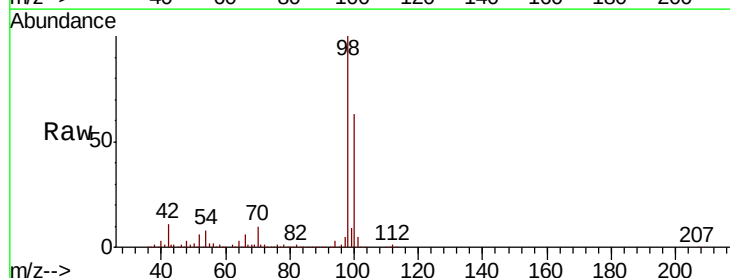
Instrument :
MSVOA_X
ClientSampleId :
FL-0582

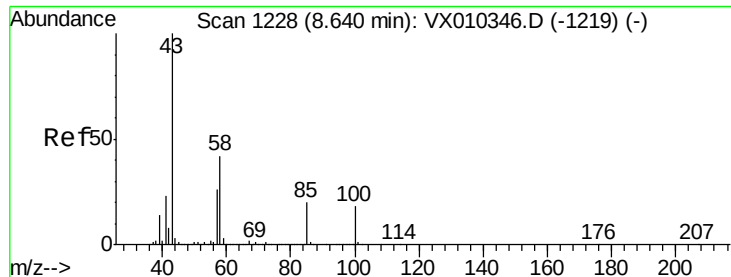
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#



#50
Toluene-d8
Concen: 51.475 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion: 98 Resp: 442388
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

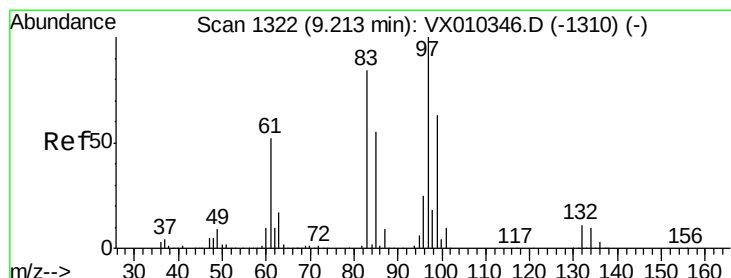
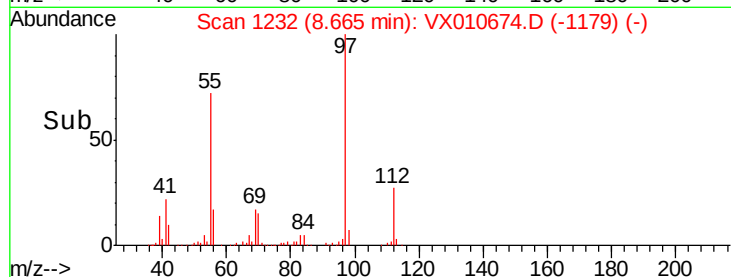
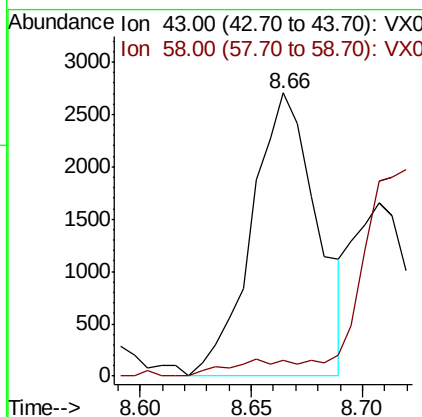
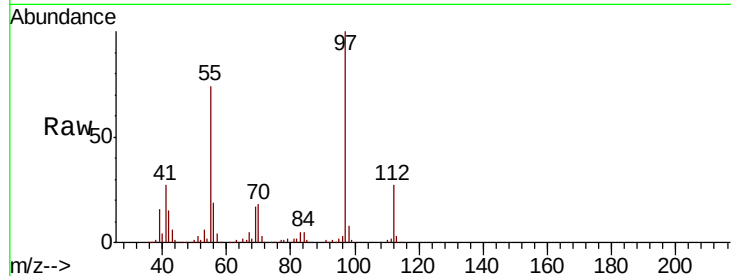




#51
 4-Methyl-2-Pentanone
 Concen: 1.734 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

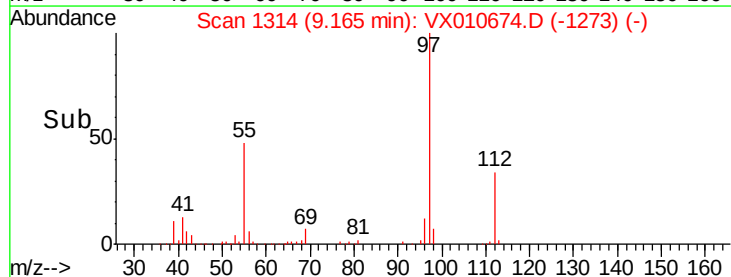
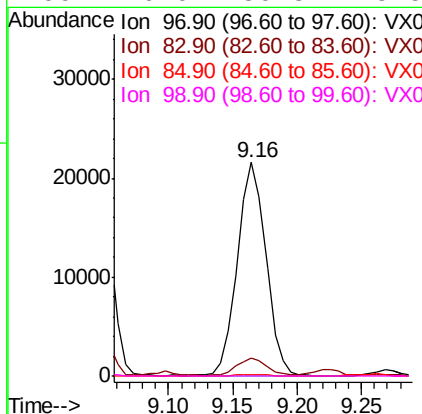
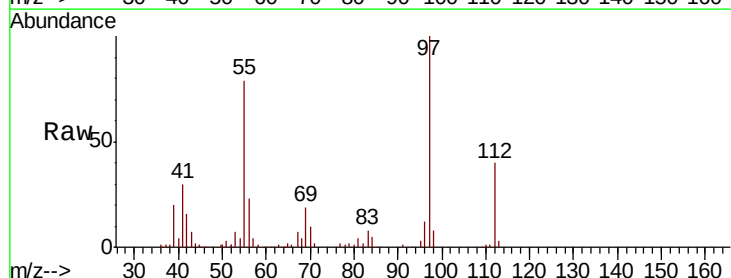
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

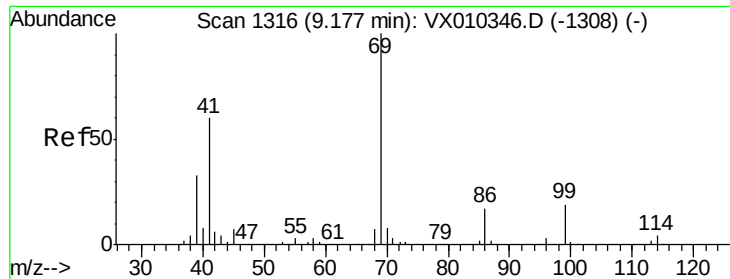
Tot Ion: 43 Resp: 5508
 Ion Ratio Lower Upper
 43 100
 58 5.9 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 13.493 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

Tgt Ion: 97 Resp: 33310
 Ion Ratio Lower Upper
 97 100
 83 7.6 67.4 101.0#
 85 0.4 43.8 65.8#
 99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 1.848 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0582

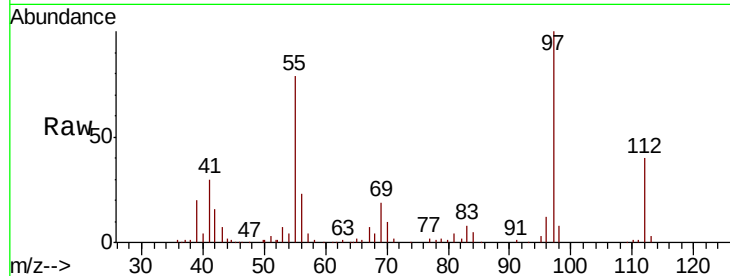
Tot Ion: 69 Resp: 6911

Ion Ratio Lower Upper

69 100

41 151.5 47.1 70.7#

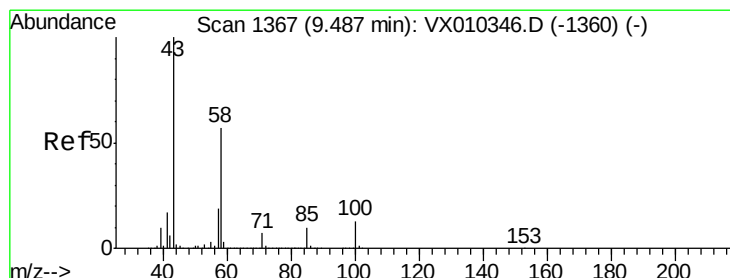
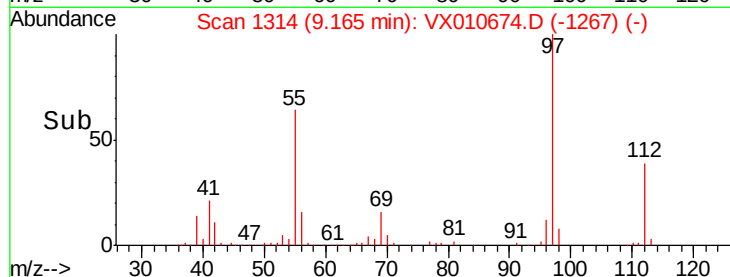
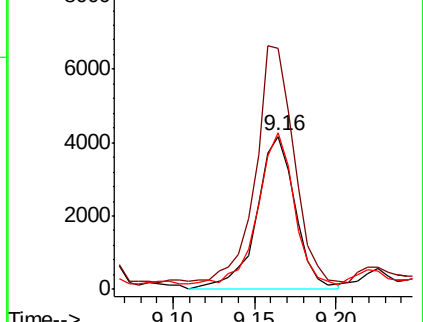
39 91.8 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.244 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.18 min

Lab File: VX010674.D

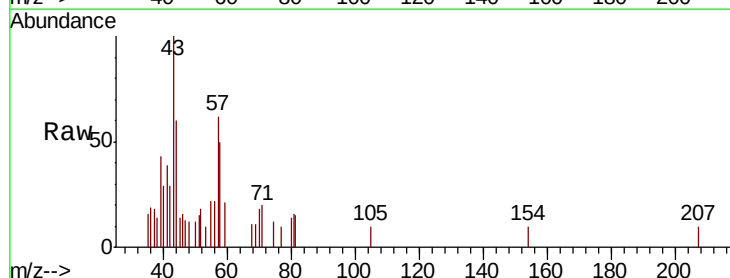
Acq: 04 Jul 2019 07:51

Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

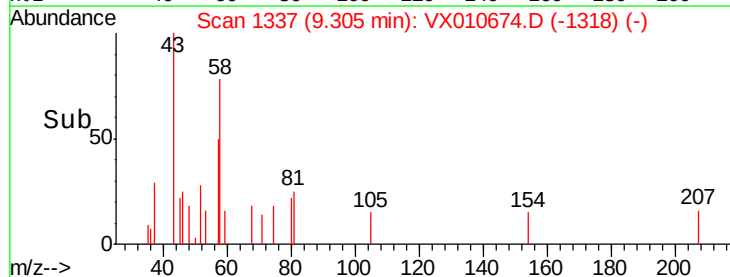
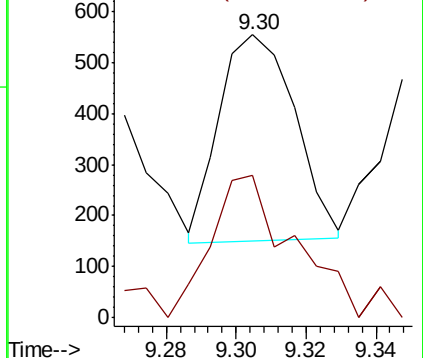
43 100

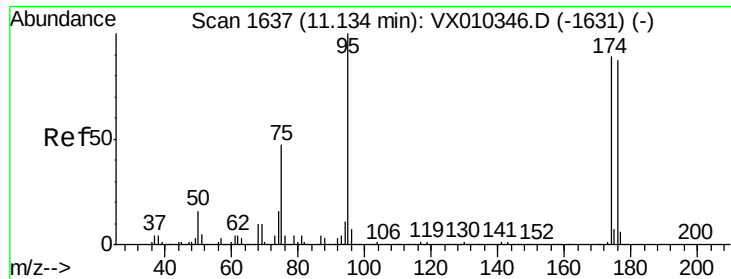
58 84.8 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

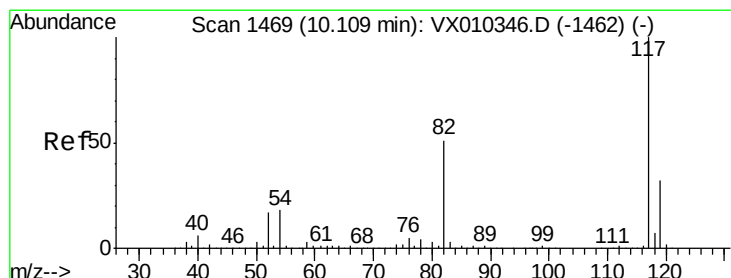
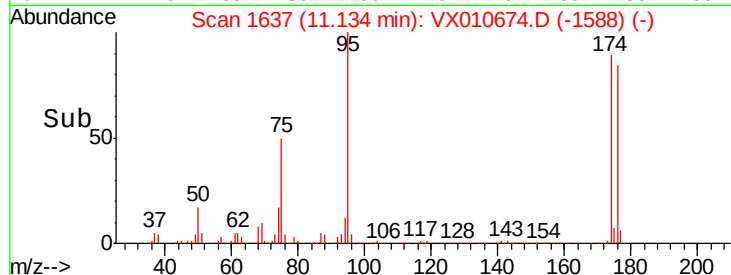
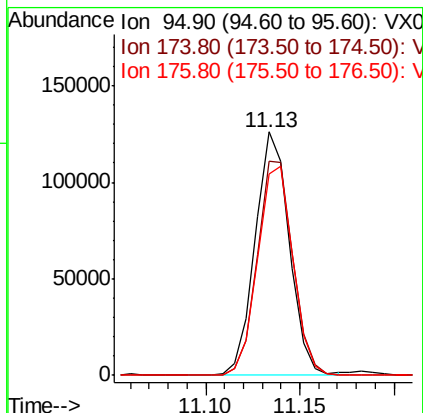
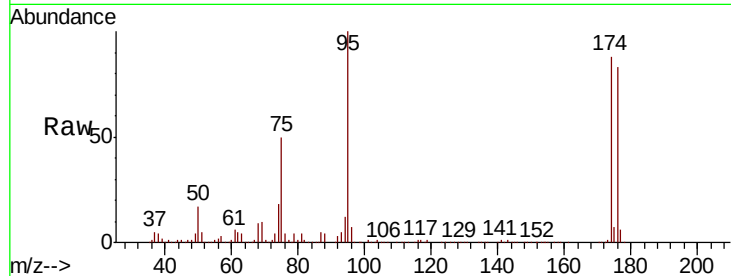




#62
4-Bromofluorobenzene
Concen: 50.932 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

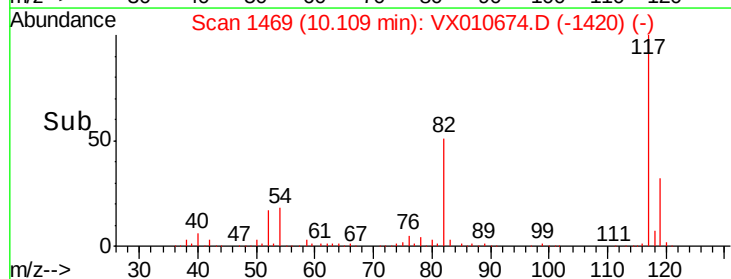
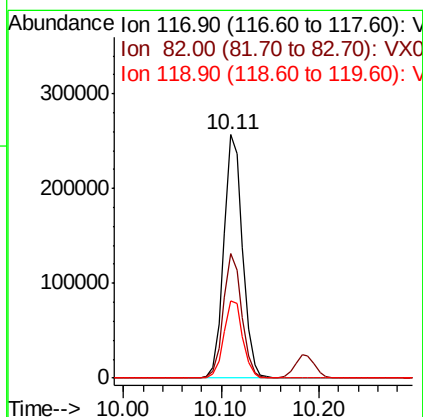
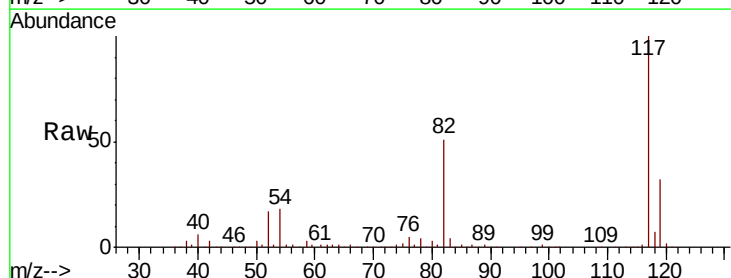
Instrument :
MSVOA_X
ClientSampleId :
FL-0582

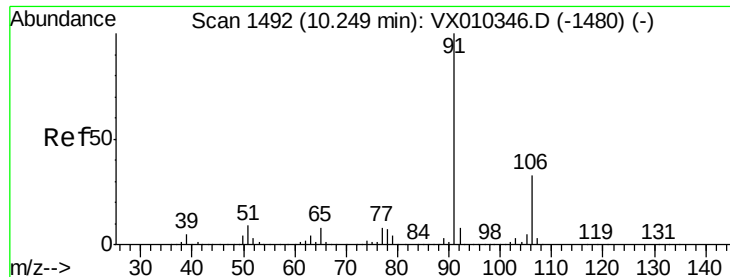
Tot Ion: 95 Resp: 158029
Ion Ratio Lower Upper
95 100
174 92.2 0.0 187.6
176 89.4 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion: 117 Resp: 340033
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 31.9 25.5 38.3





#67

Ethyl Benzene

Concen: 244.197 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

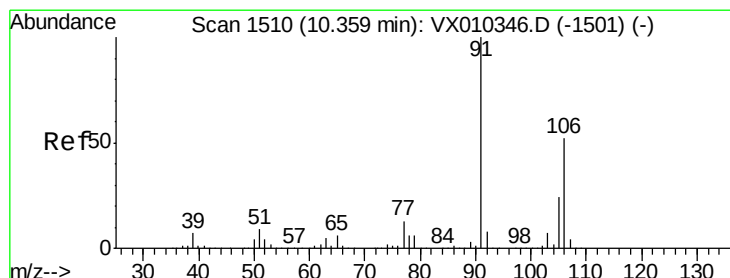
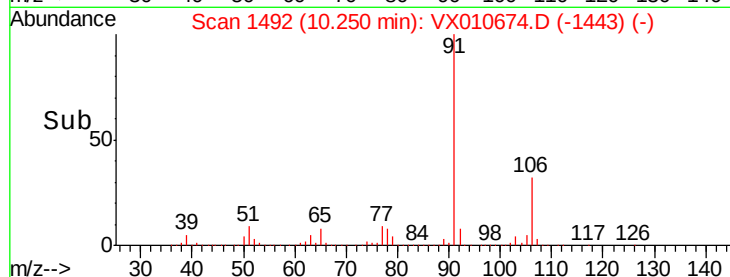
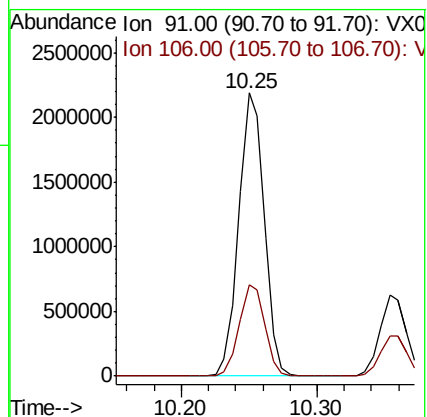
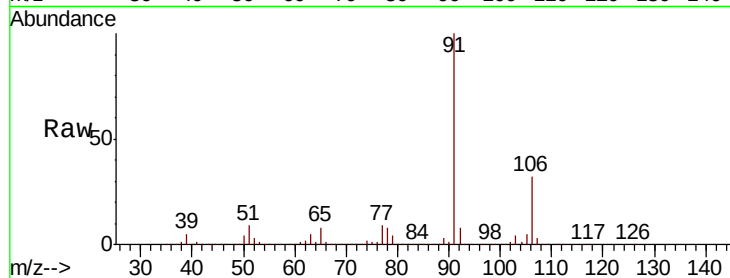
FL-0582

Tot Ion: 91 Resp: 2845952

Ion Ratio Lower Upper

91 100

106 32.2 26.2 39.2



#68

m/p-Xylenes

Concen: 94.351 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010674.D

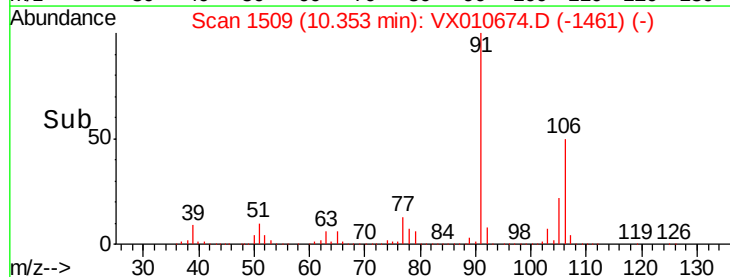
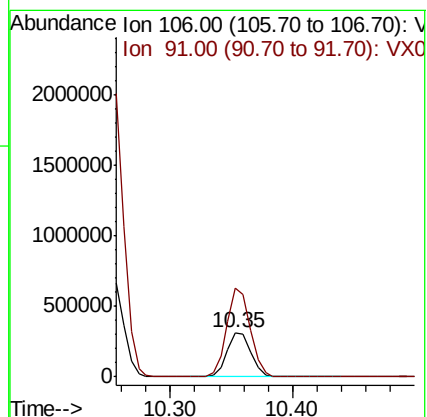
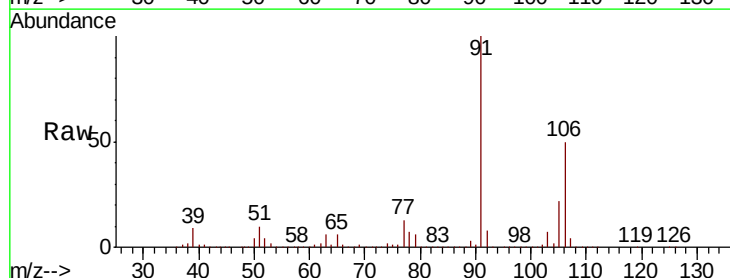
Acq: 04 Jul 2019 07:51

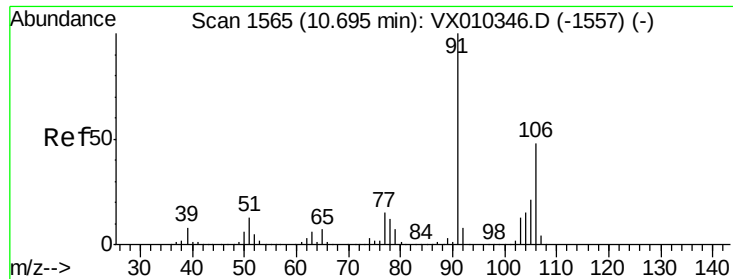
Tgt Ion: 106 Resp: 426066

Ion Ratio Lower Upper

106 100

91 196.0 155.3 232.9

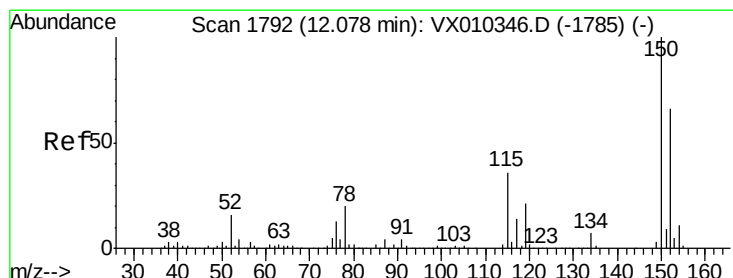
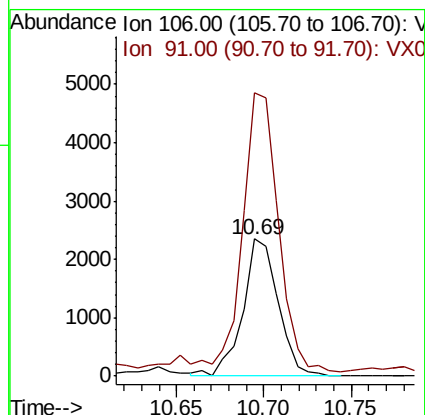
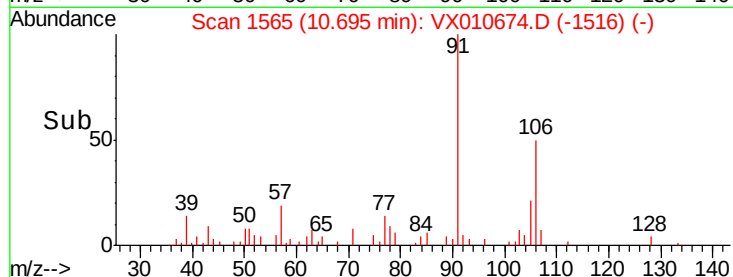
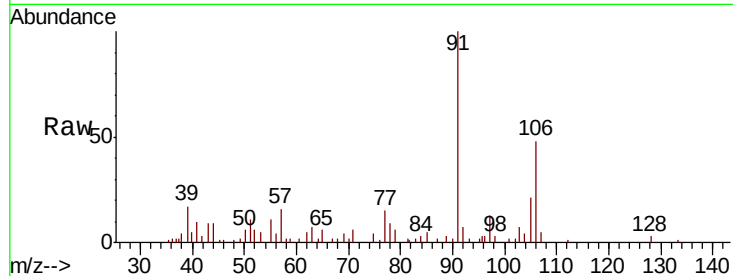




#69
o-Xylene
Concen: 0.743 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

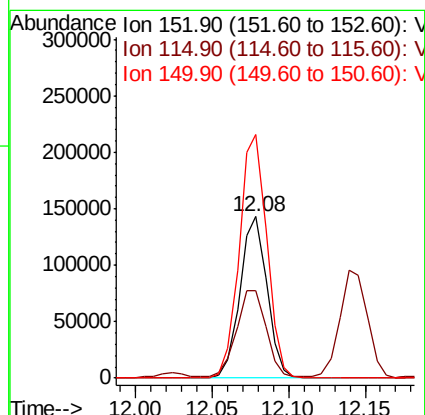
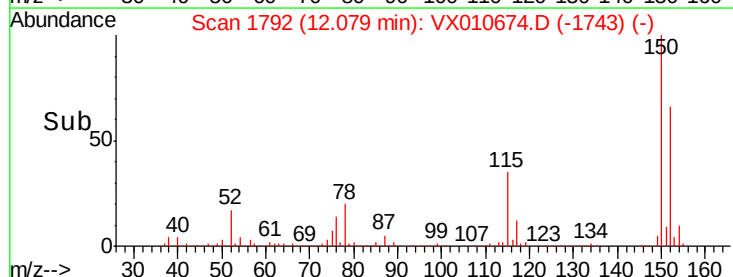
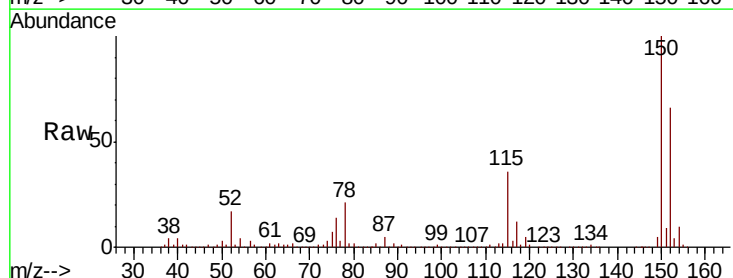
Instrument :
MSVOA_X
ClientSampled :
FL-0582

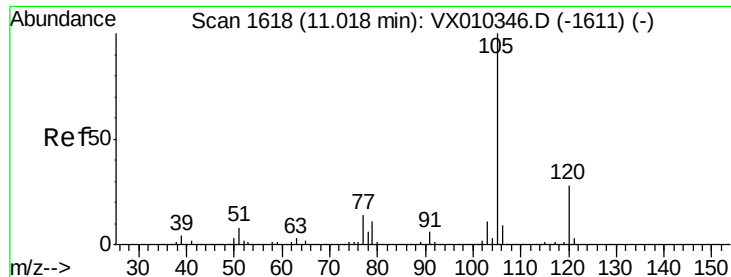
Tot Ion:106 Resp: 3300
Ion Ratio Lower Upper
106 100
91 201.3 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion:152 Resp: 174882
Ion Ratio Lower Upper
152 100
115 60.0 38.6 115.7
150 153.4 0.0 347.4





#73

Isopropylbenzene

Concen: 76.728 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

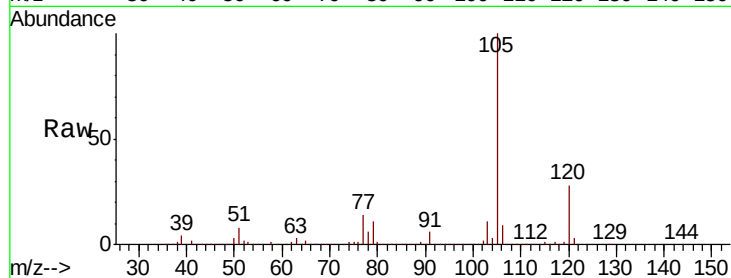
FL-0582

Tot Ion:105 Resp: 909598

Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

800000

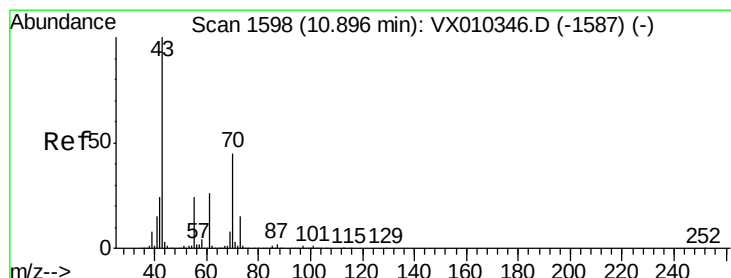
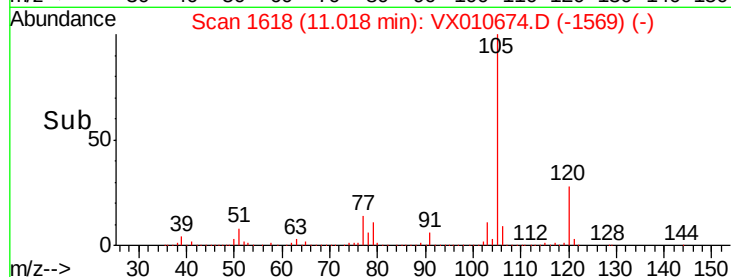
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 1.354 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Tgt Ion: 43 Resp: 6066

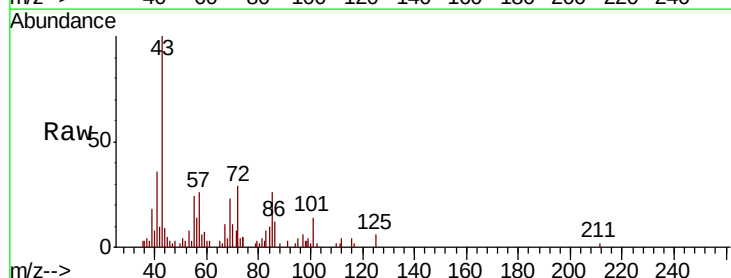
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 11.6 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.94

5000

4000

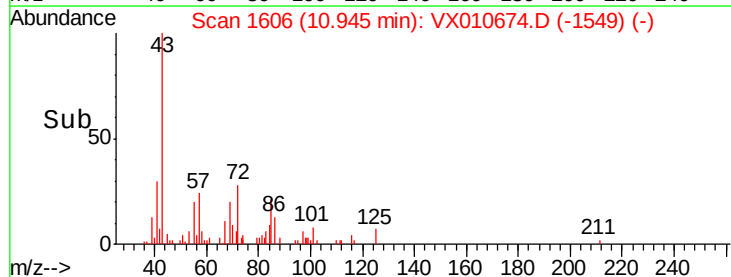
3000

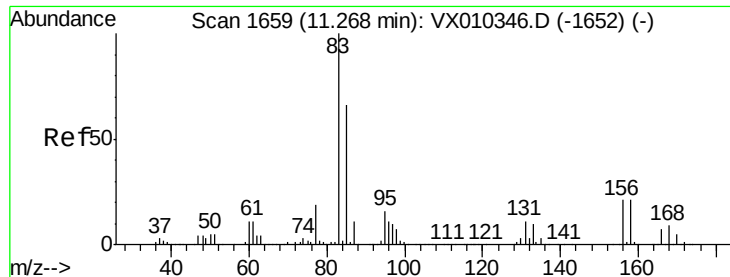
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.345 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

FL-0582

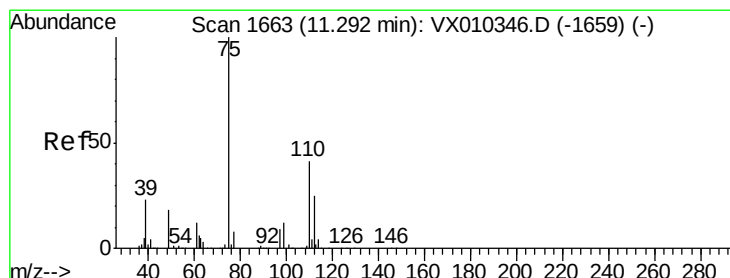
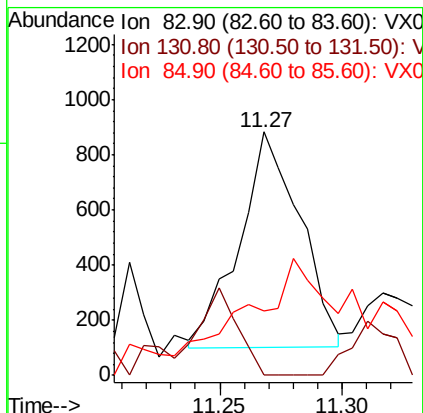
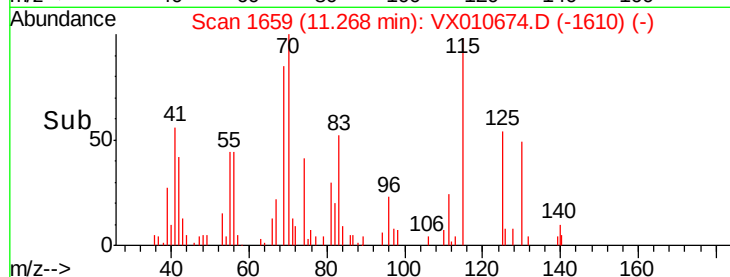
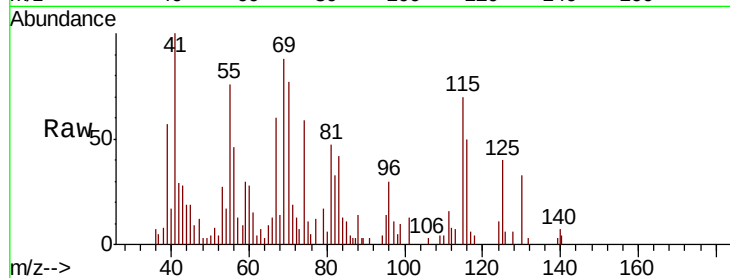
Tot Ion: 83 Resp: 1353

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 79.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 2.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010674.D

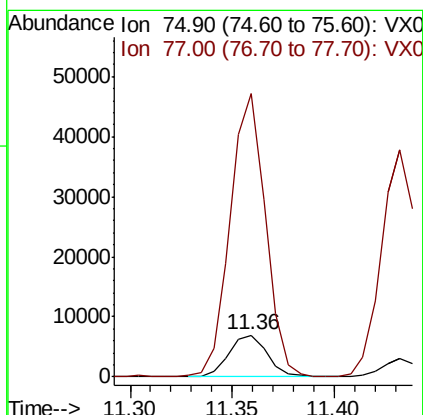
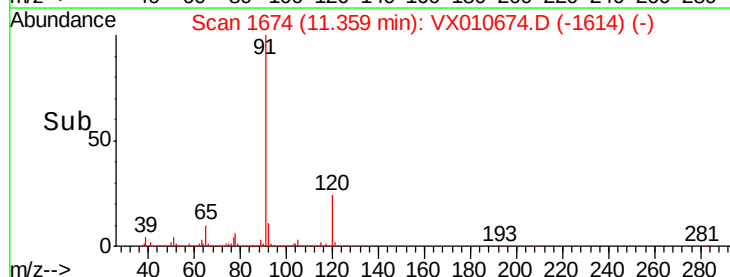
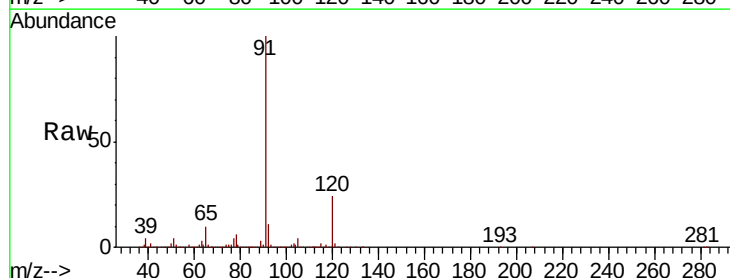
Acq: 04 Jul 2019 07:51

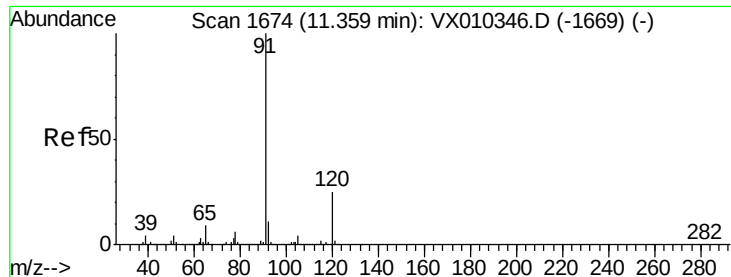
Tgt Ion: 75 Resp: 9100

Ion Ratio Lower Upper

75 100

77 617.1 22.6 67.8#





#78

n-propylbenzene

Concen: 115.206 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

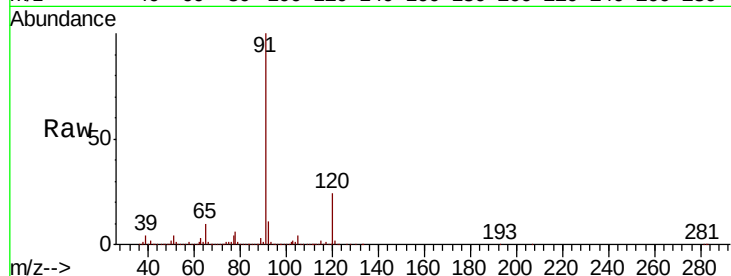
FL-0582

Tot Ion: 91 Resp: 1501019

Ion Ratio Lower Upper

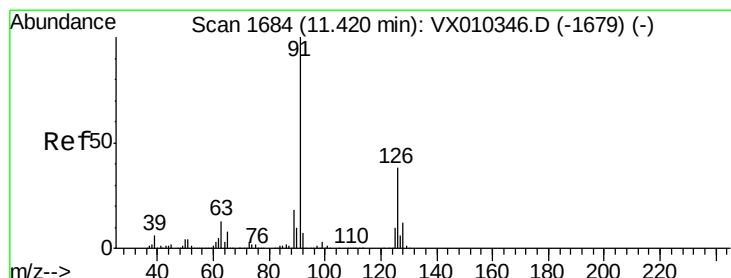
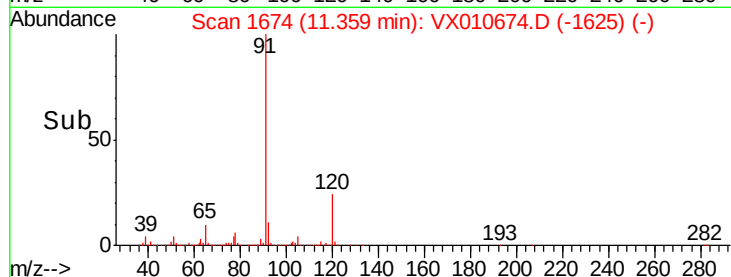
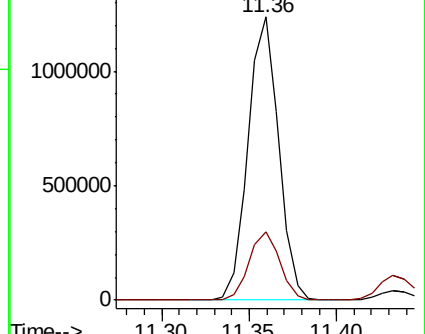
91 100

120 24.1 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: 8.160 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010674.D

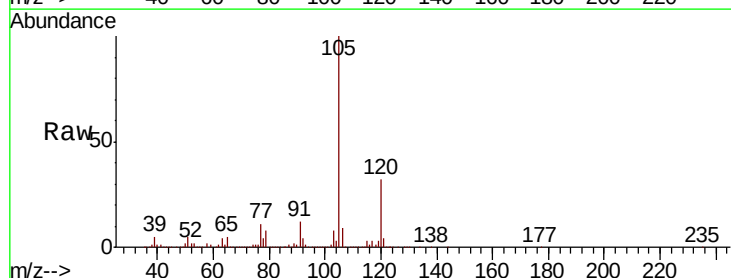
Acq: 04 Jul 2019 07:51

Tgt Ion: 91 Resp: 63311

Ion Ratio Lower Upper

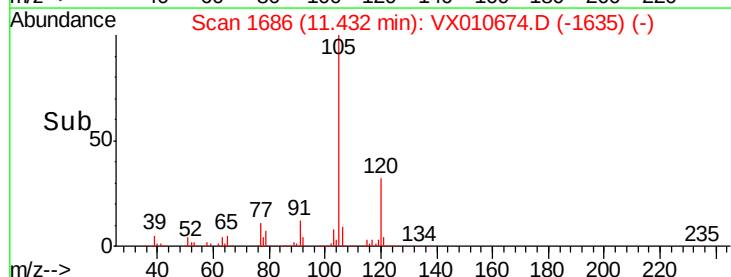
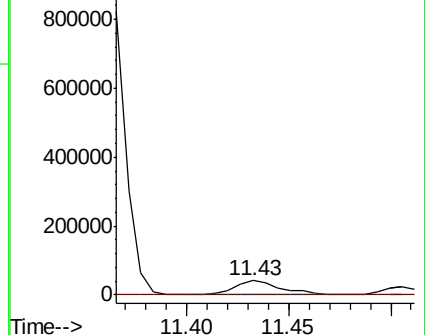
91 100

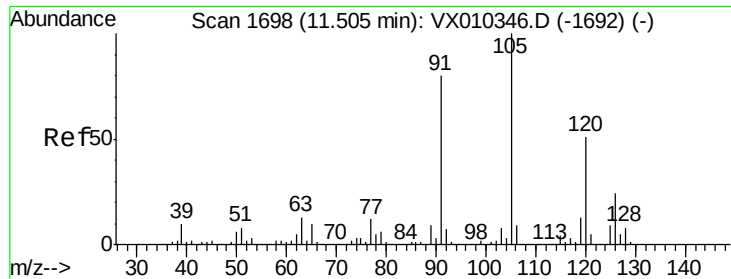
126 0.5 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

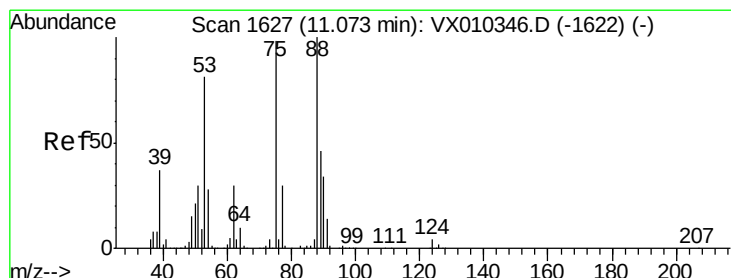
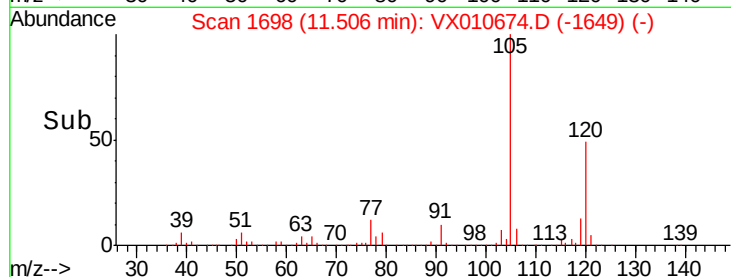
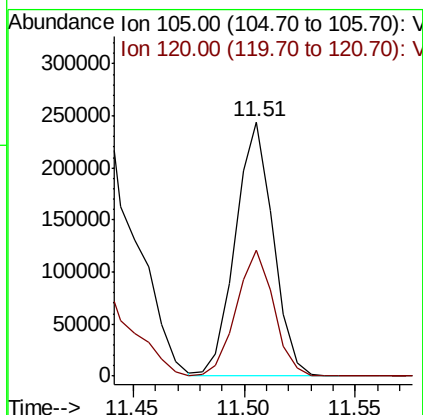
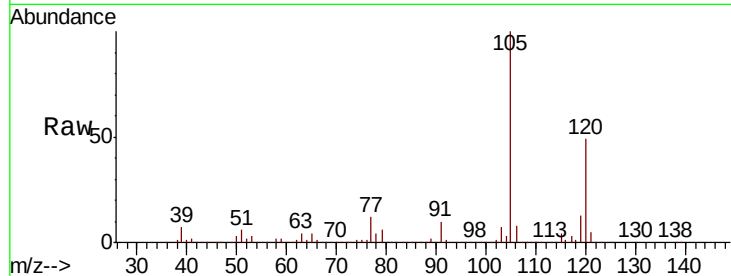




#80
 1,3,5-Trimethylbenzene
 Concen: 29.483 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

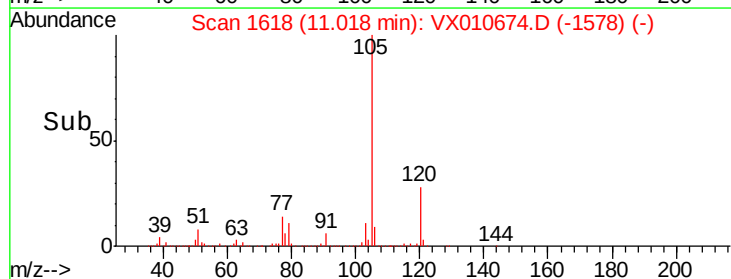
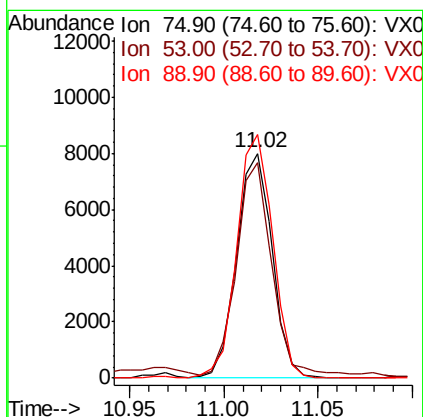
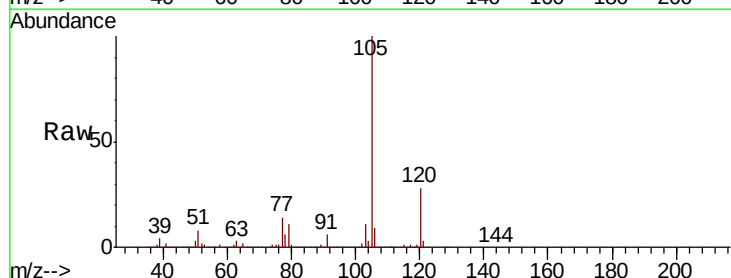
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

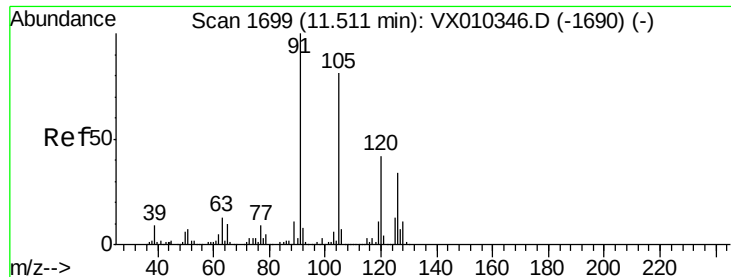
Tot Ion:105 Resp: 288132
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.662 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010674.D
 Acq: 04 Jul 2019 07:51

Tgt Ion: 75 Resp: 10467
 Ion Ratio Lower Upper
 75 100
 53 96.2 66.1 99.1
 89 109.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 7.171 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. -0.08 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampleId :

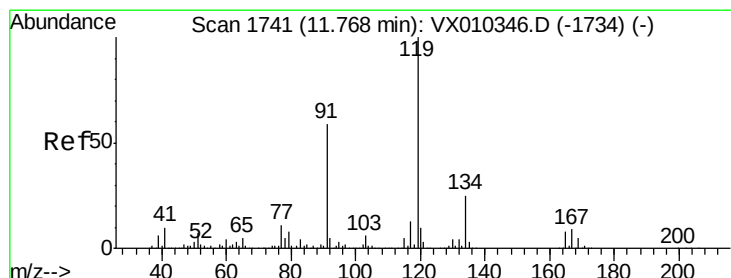
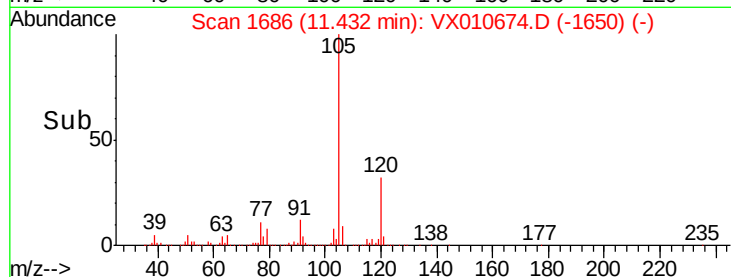
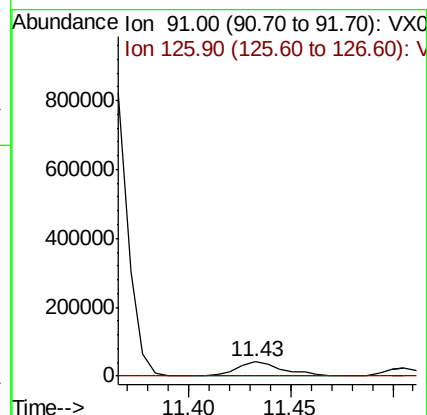
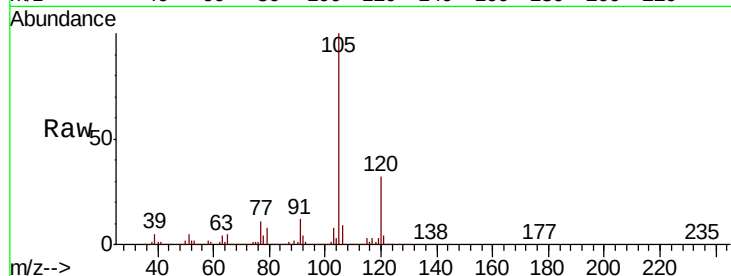
FL-0582

Tot Ion: 91 Resp: 63311

Ion Ratio Lower Upper

91 100

126 0.5 16.2 48.6#



#83

tert-Butylbenzene

Concen: 64.040 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

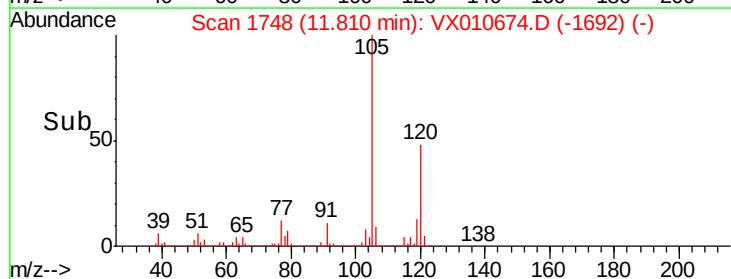
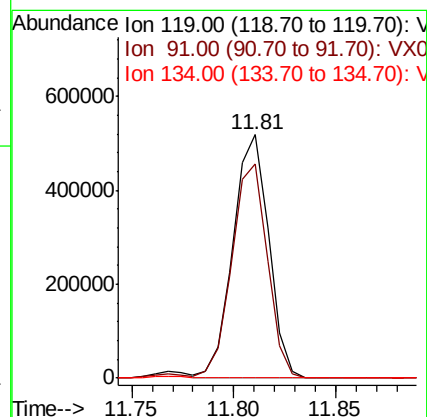
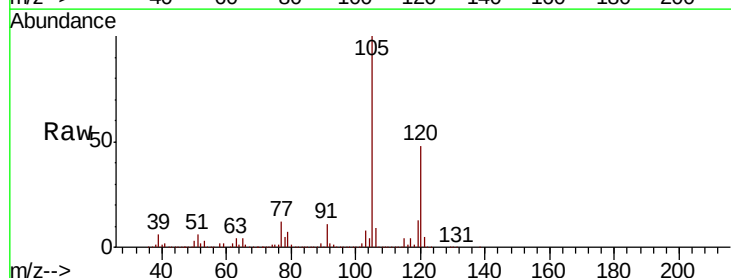
Tgt Ion: 119 Resp: 628161

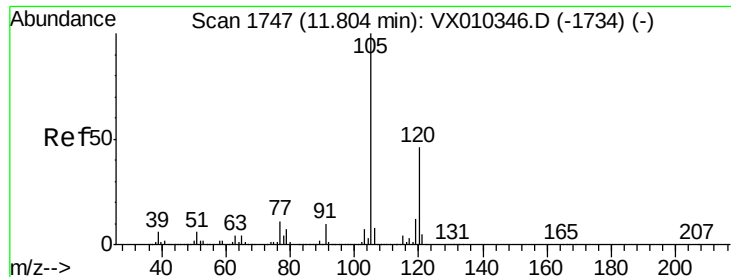
Ion Ratio Lower Upper

119 100

91 87.3 27.6 82.7#

134 0.0 11.8 35.4#



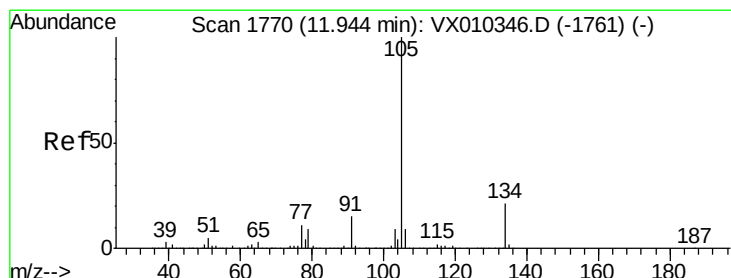
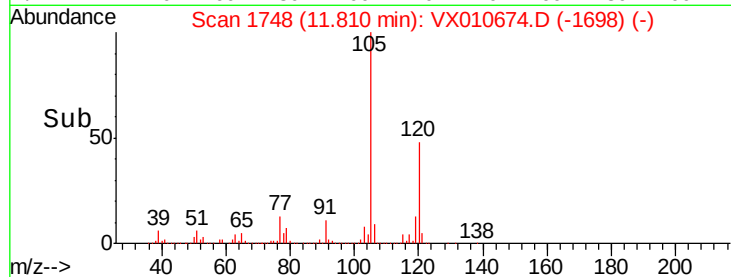
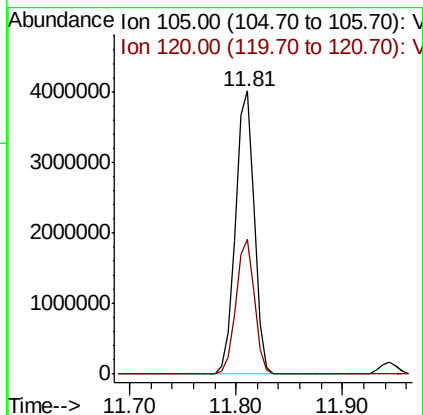
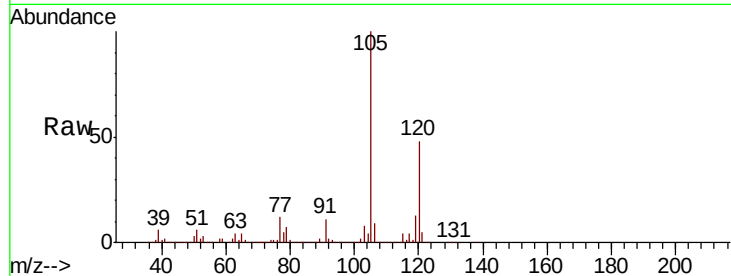


#84

1,2,4-Trimethylbenzene
Concen: 505.940 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Instrument :
MSVOA_X
ClientSampled :
FL-0582

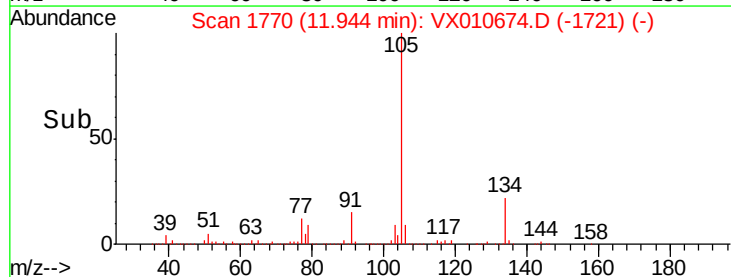
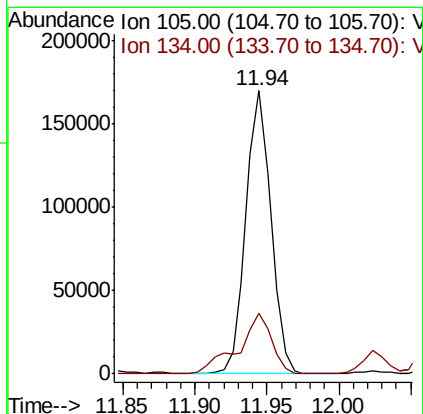
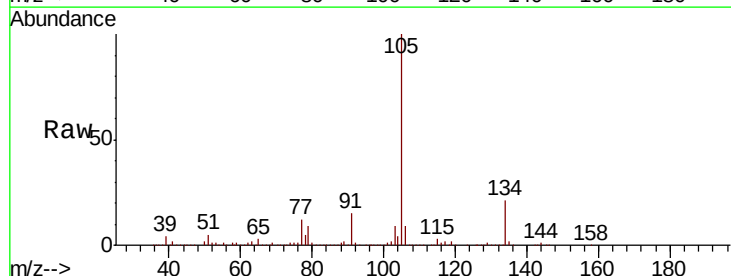
Tot Ion:105 Resp: 4967675
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2

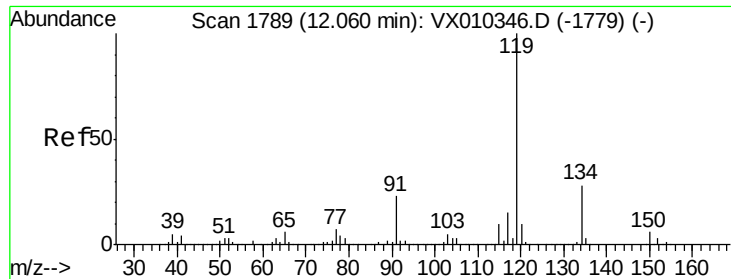


#85

sec-Butylbenzene
Concen: 17.666 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion:105 Resp: 203460
Ion Ratio Lower Upper
105 100
134 28.5 10.7 31.9

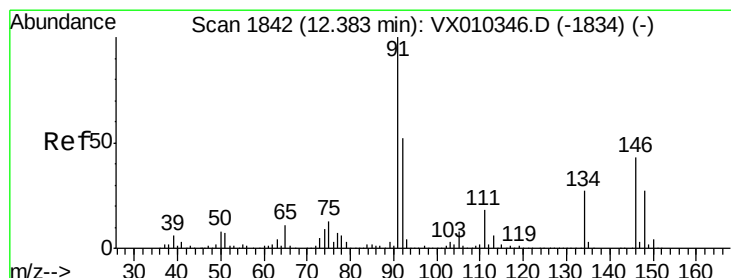
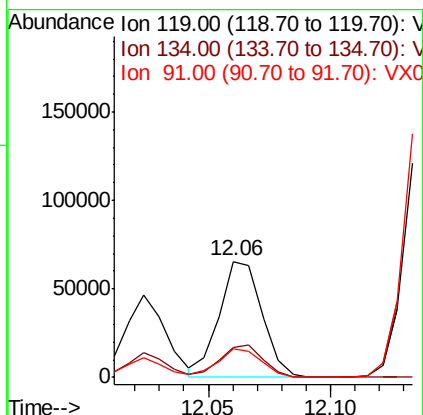
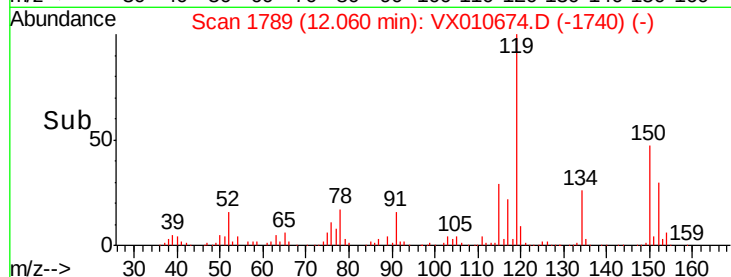
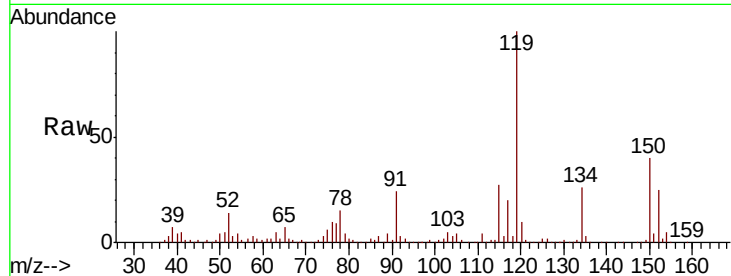




#86
p-Isopropyltoluene
Concen: 7.477 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

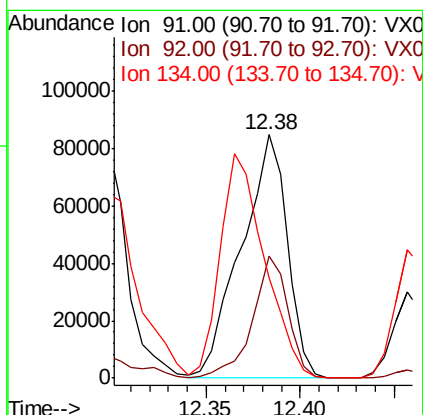
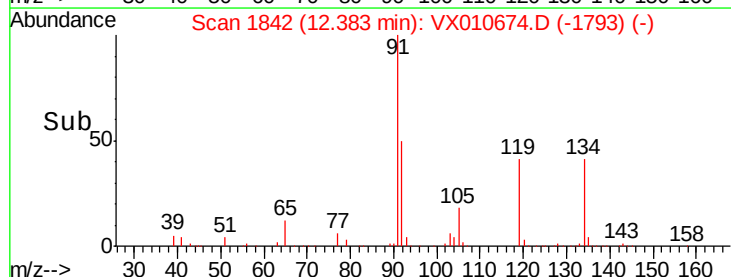
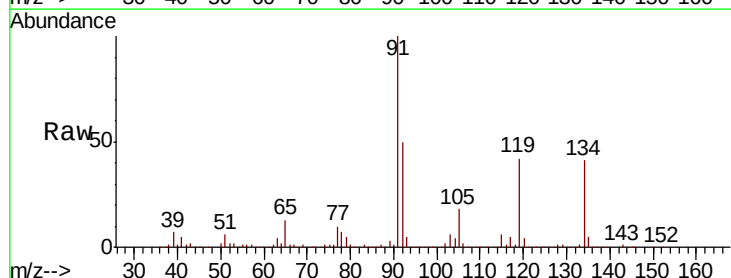
Instrument :
MSVOA_X
ClientSampled :
FL-0582

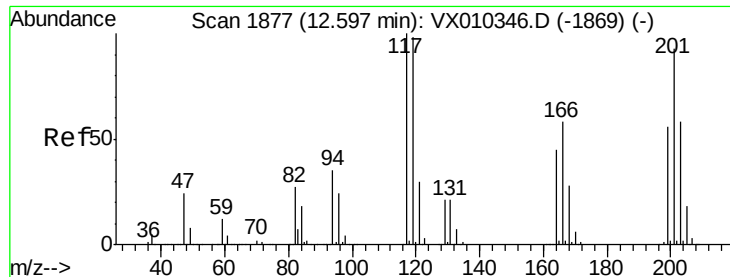
Tot Ion:119 Resp: 79655
Ion Ratio Lower Upper
119 100
134 28.1 13.7 41.1
91 24.2 11.3 33.8



#89
n-Butylbenzene
Concen: 15.765 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Tgt Ion: 91 Resp: 142711
Ion Ratio Lower Upper
91 100
92 39.1 26.2 78.5
134 89.4 14.1 42.4#





#90

Hexachloroethane

Concen: 22.217 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

Instrument :

MSVOA_X

ClientSampled :

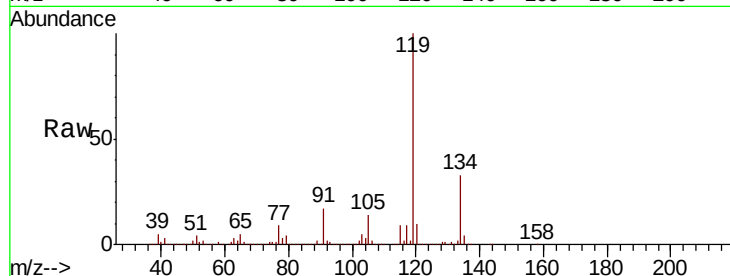
FL-0582

Tot Ion:117 Resp: 40925

Ion Ratio Lower Upper

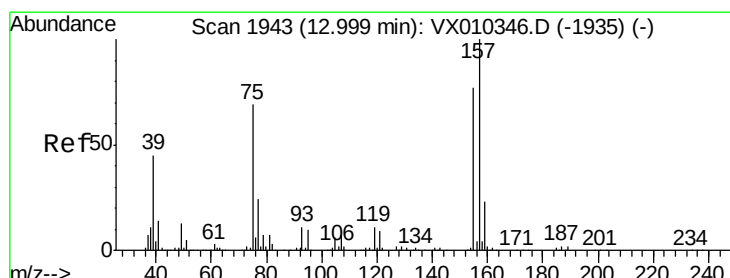
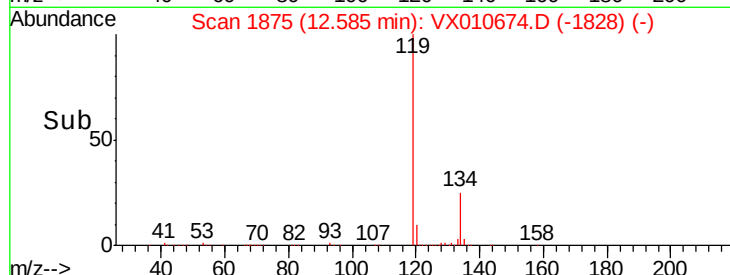
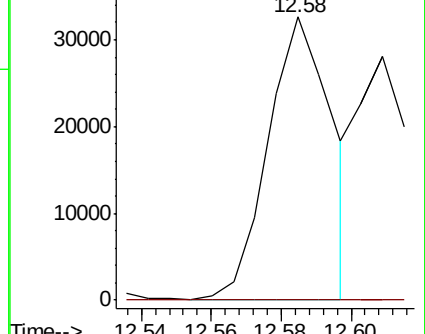
117 100

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: 5.628 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010674.D

Acq: 04 Jul 2019 07:51

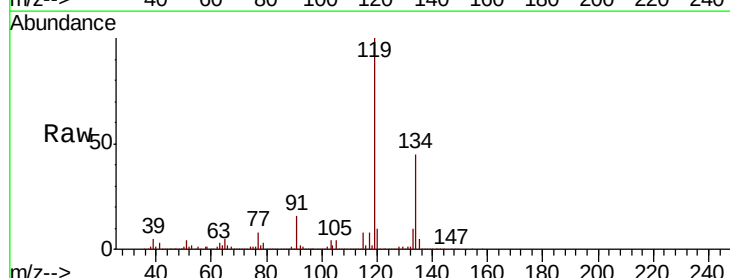
Tgt Ion: 75 Resp: 4764

Ion Ratio Lower Upper

75 100

155 0.4 54.4 163.1#

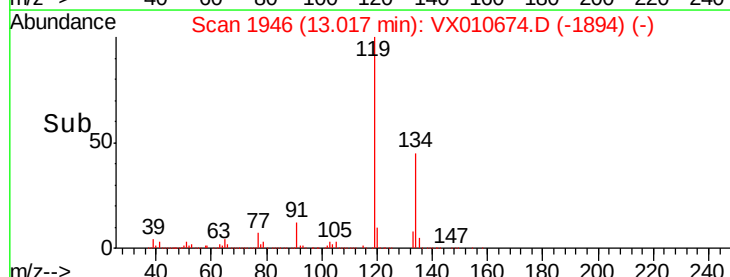
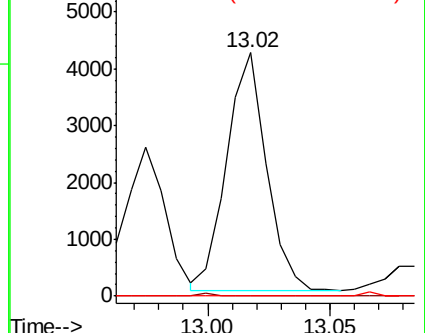
157 0.0 69.5 208.3#

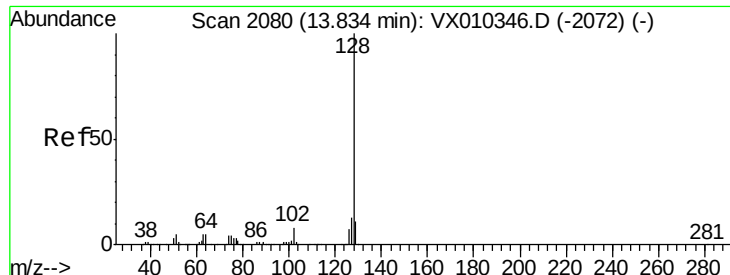


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

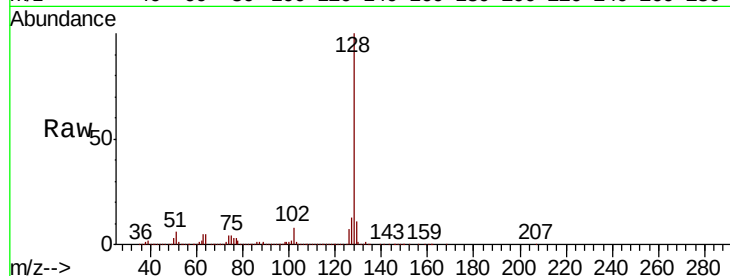




#95
Naphthalene
Concen: 85.003 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010674.D
Acq: 04 Jul 2019 07:51

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

Tot Ion:128 Resp: 1040308
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.3 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

