

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013772.D
 Acq On : 05 Dec 2019 13:27
 Operator : JC/SP
 Sample : K6134-01 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30573

Quant Time: Dec 06 02:26:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	661568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1002722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	909292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	434660	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	361484	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
35) Dibromofluoromethane	5.49	113	297514	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	1220686	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	413554	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2664	0.427	ug/l	91
10) Methyl Iodide	2.51	142	3814	0.500	ug/l #	92
11) Tert butyl alcohol	3.03	59	300073	158.308	ug/l	97
13) Acrolein	2.24	56	562	6.436	ug/l #	15
15) Acrylonitrile	3.14	53	1246	0.318	ug/l #	46
16) Acetone	2.42	43	21406590	5646.132	ug/l #	49
17) Carbon Disulfide	2.56	76	4485	0.250	ug/l #	86
18) Methyl Acetate	3.03	43	37109	3.515	ug/l #	51
20) Methylene Chloride	2.85	84	3650	0.501	ug/l	88
25) 2-Butanone	4.65	43	663513	117.755	ug/l	100
36) 1,1-Dichloropropene	5.65	75	44121	4.847	ug/l #	52
37) Ethyl Acetate	4.65	43	663513	64.979	ug/l #	69
38) Carbon Tetrachloride	5.65	117	58865	7.014	ug/l #	15
39) Methylcyclohexane	7.46	83	24508	2.178	ug/l	95
43) Isopropyl Acetate	6.21	43	32604	1.939	ug/l #	62
49) 1,4-Dioxane	7.73	88	333	1.821	ug/l #	24
51) 4-Methyl-2-Pentanone	8.64	43	701912	66.378	ug/l	100
52) Toluene	8.78	92	11106121	644.873	ug/l	80
53) t-1,3-Dichloropropene	8.78	75	129589	12.784	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	30065	4.332	ug/l #	19
56) Ethyl methacrylate	9.16	69	6632	0.594	ug/l #	1
59) 2-Hexanone	9.44	43	7676	0.931	ug/l #	30
65) Chlorobenzene	10.13	112	4252	0.225	ug/l	90
67) Ethyl Benzene	10.25	91	1697357	52.321	ug/l	98
68) m/p-Xylenes	10.36	106	2197730	176.948	ug/l	99
69) o-Xylene	10.70	106	732964	60.508	ug/l	99
70) Styrene	10.70	104	120372	5.907	ug/l #	9
73) Isopropylbenzene	11.01	105	11793	0.387	ug/l	85
74) N-amyl acetate	10.90	43	4094	0.293	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	202670	20.731	ug/l #	39
78) n-propylbenzene	11.35	91	12273	0.361	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	11698	0.468	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	202670	56.716	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	49970	1.970	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

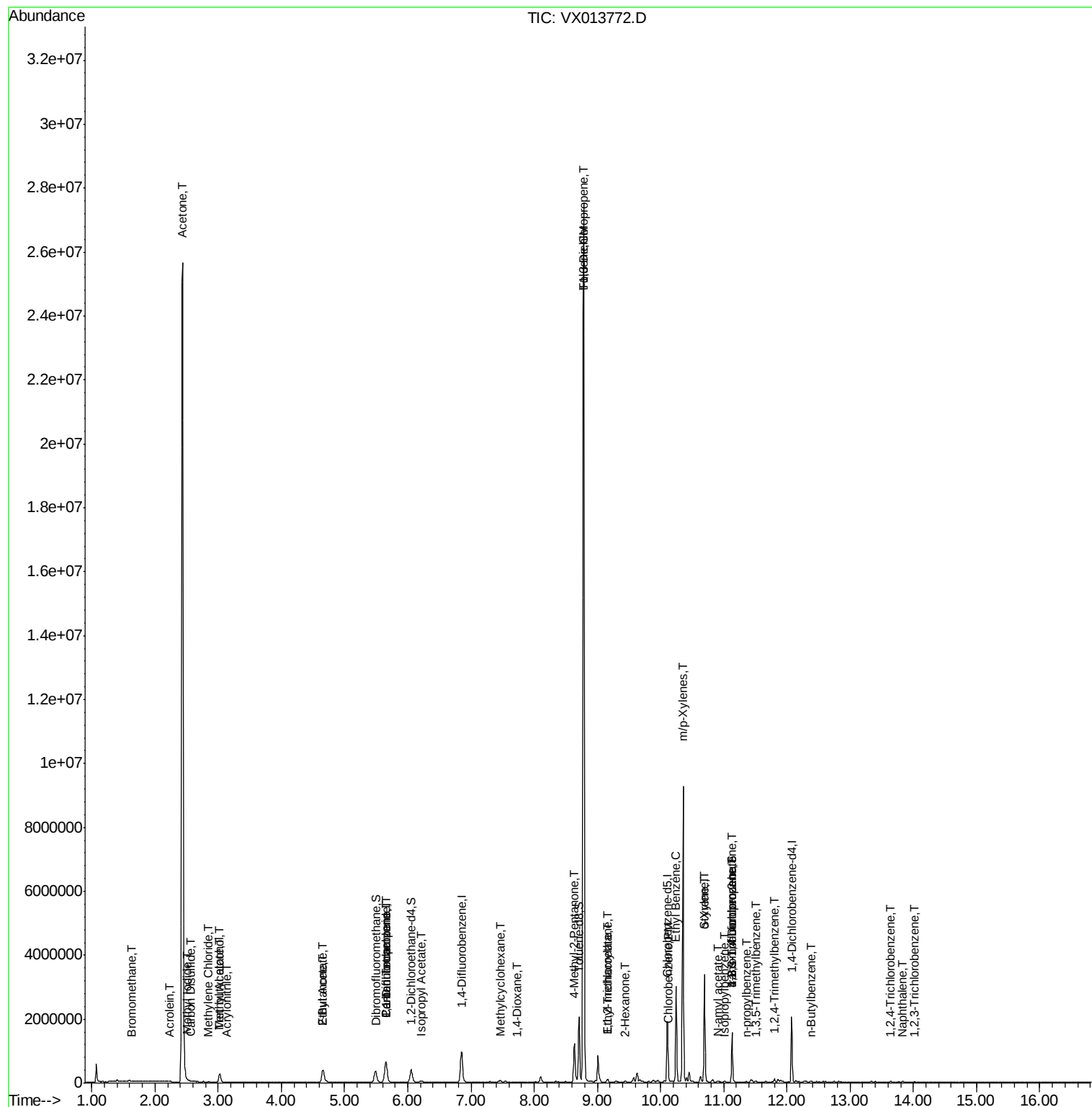
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	5062	0.220	ug/l #	72
93) 1,2,4-Trichlorobenzene	13.64	180	3285	0.332	ug/l	84
95) Naphthalene	13.83	128	10724	0.364	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.02	180	2475	0.253	ug/l	85

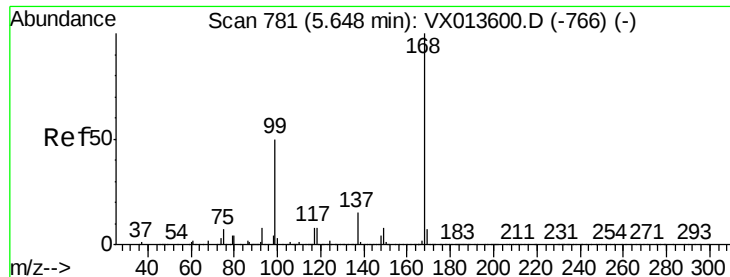
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120519\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

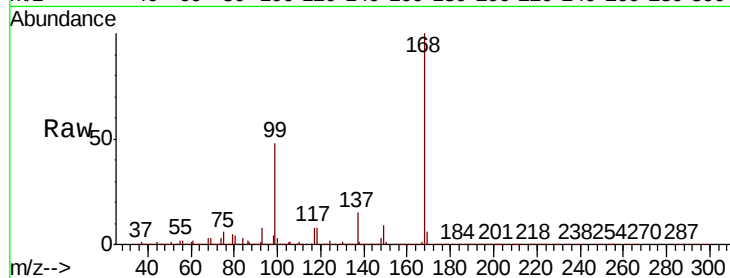
30573

Tot Ion:168 Resp: 661568

Ion Ratio Lower Upper

168 100

99 48.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

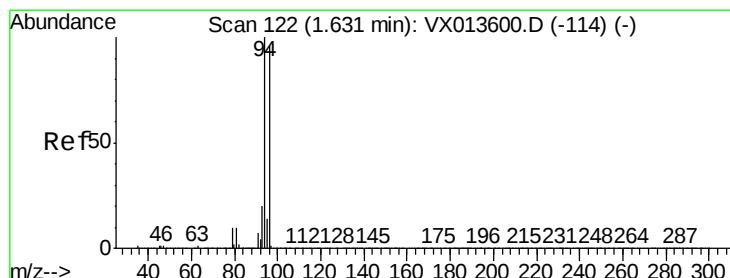
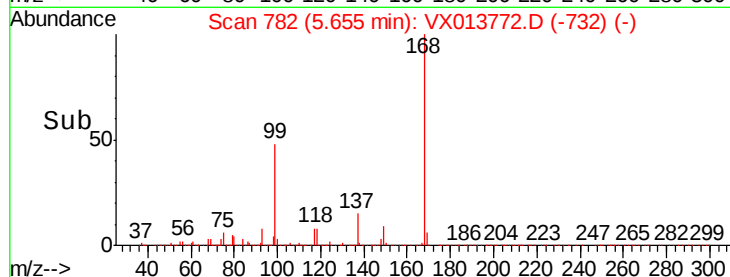
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.427 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013772.D

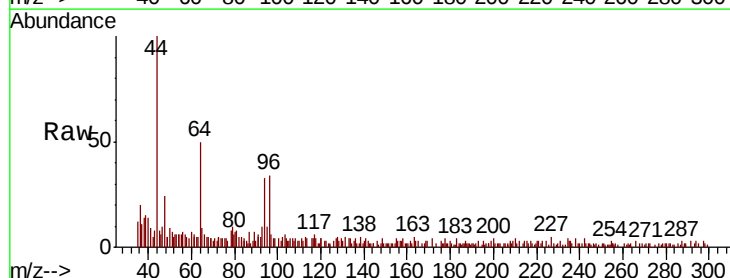
Acq: 05 Dec 2019 13:27

Tgt Ion: 94 Resp: 2664

Ion Ratio Lower Upper

94 100

96 87.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

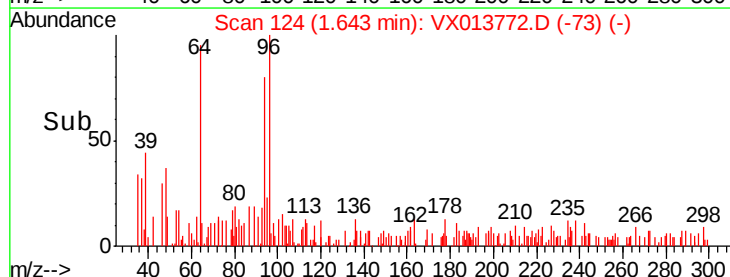
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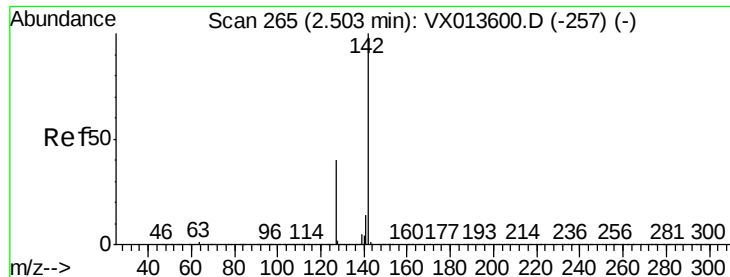
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Time-->

1.60 1.65 1.70

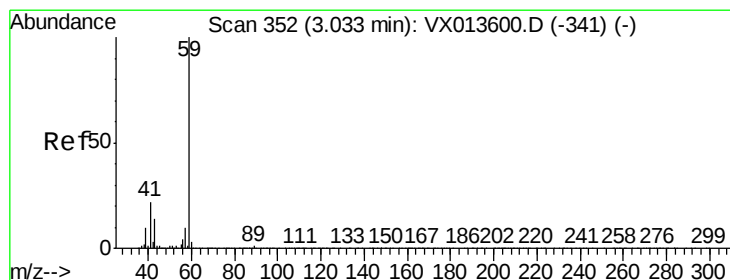
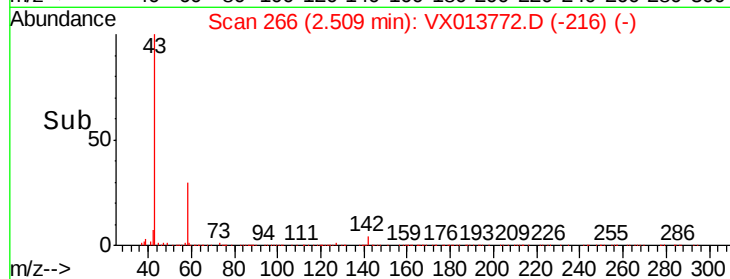
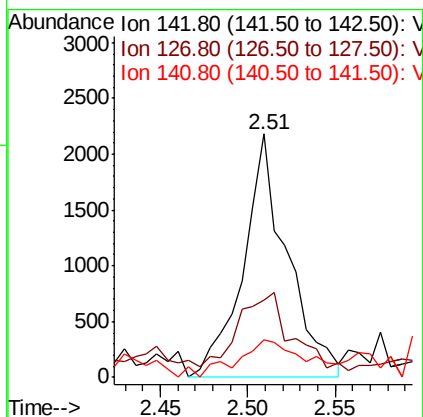
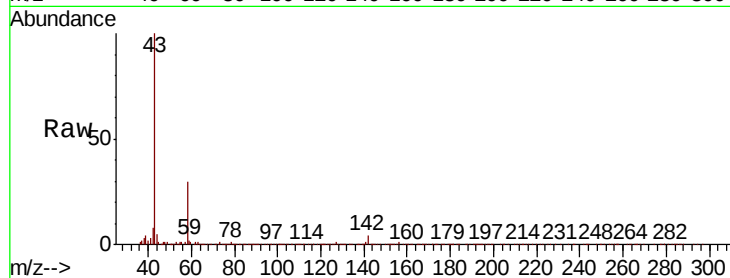




#10
Methvl Iodide
Concen: 0.500 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

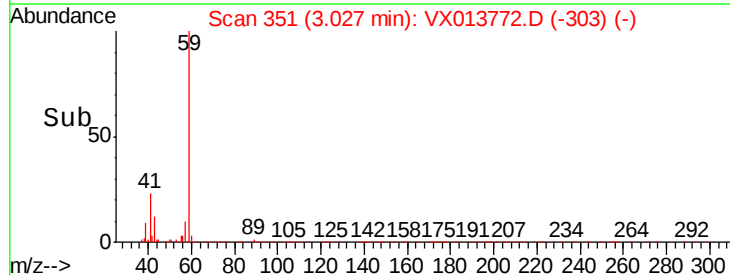
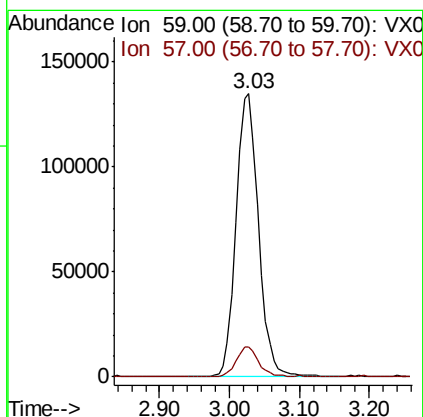
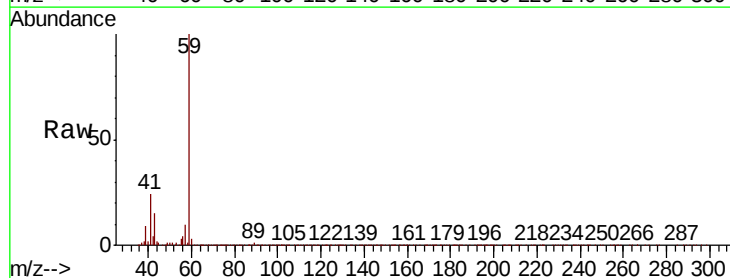
Instrument :
MSVOA_X
ClientSampleId :
30573

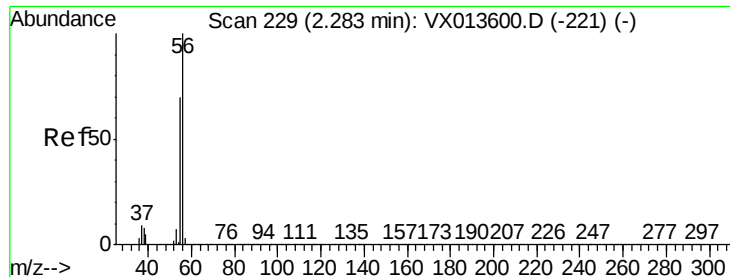
Tot Ion:142 Resp: 3814
Ion Ratio Lower Upper
142 100
127 40.2 31.0 46.4
141 24.4 11.6 17.4#



#11
Tert butyl alcohol
Concen: 158.308 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion: 59 Resp: 300073
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.6

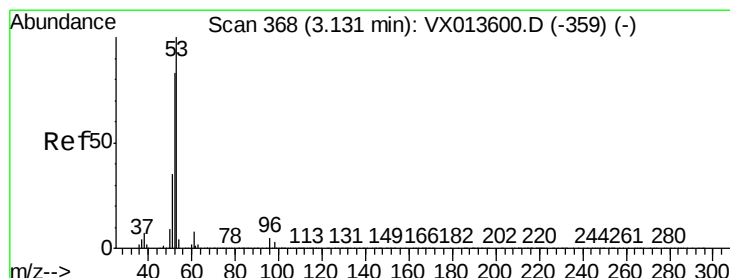
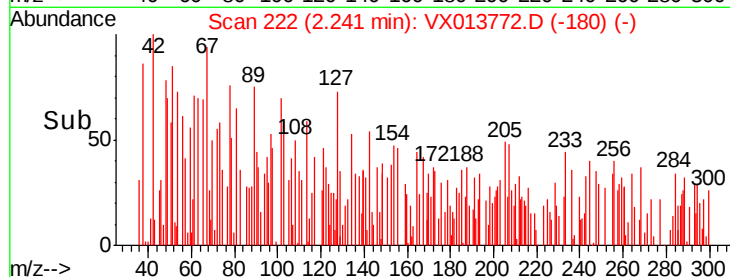
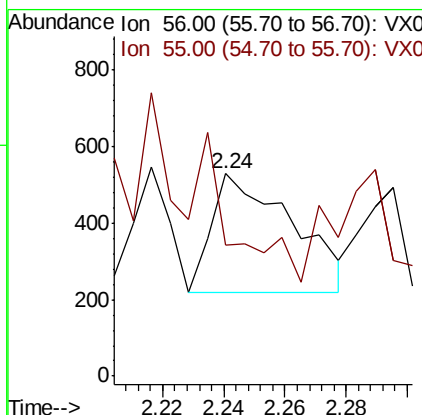
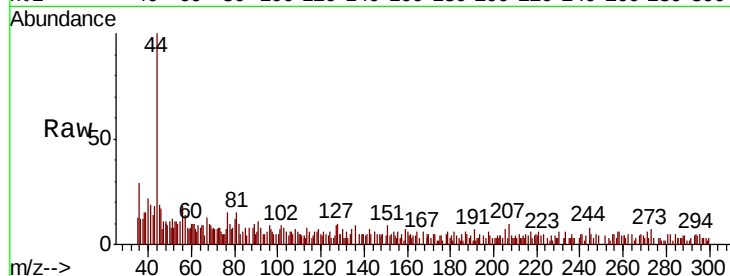




#13
Acrolein
Concen: 6.436 ug/l
RT: 2.24 min Scan# 222
Delta R.T. -0.04 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

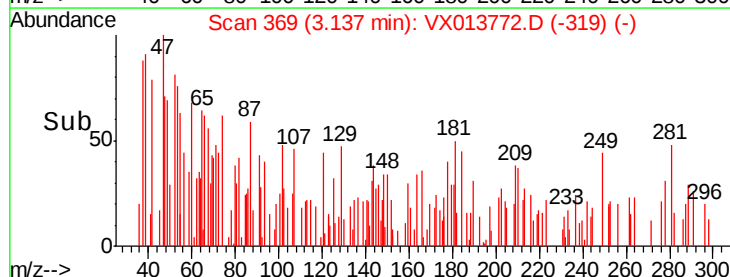
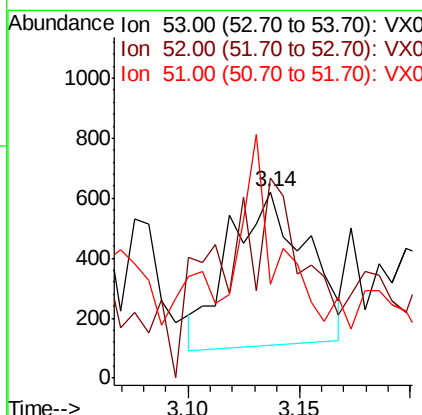
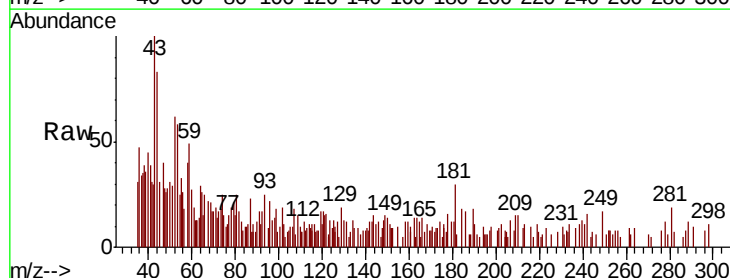
Instrument :
MSVOA_X
ClientSampled :
30573

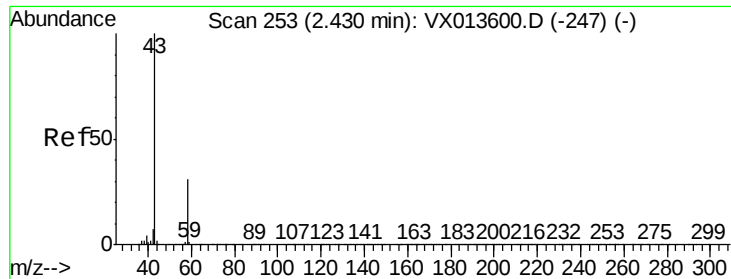
Tot Ion: 56 Resp: 562
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#15
Acrylonitrile
Concen: 0.318 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion: 53 Resp: 1246
Ion Ratio Lower Upper
53 100
52 51.2 66.2 99.2#
51 93.5 29.0 43.6#

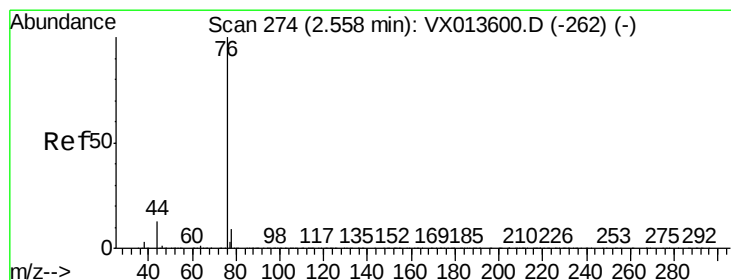
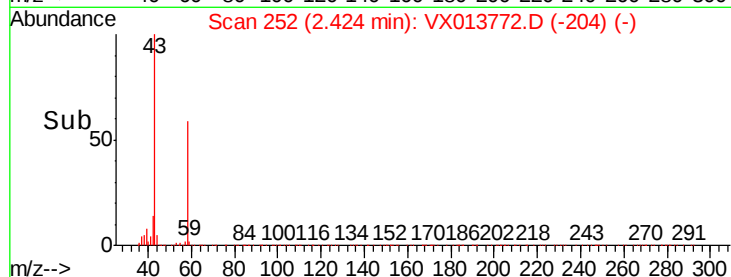
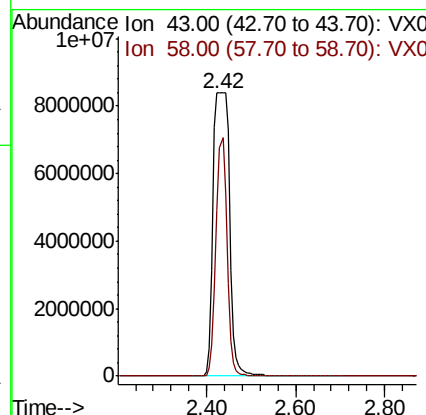
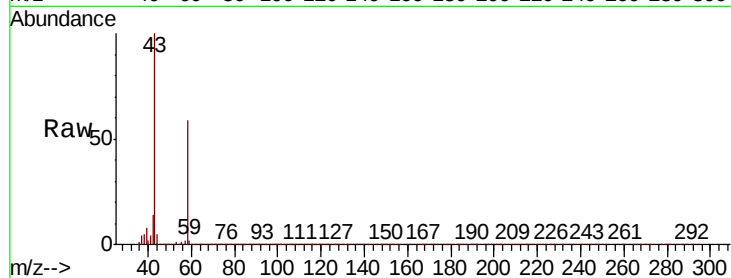




#16
Acetone
Concen: 5646.132 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

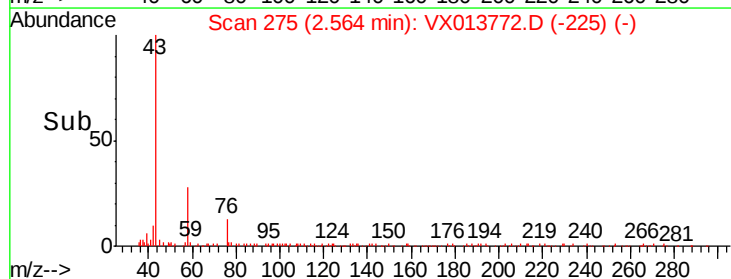
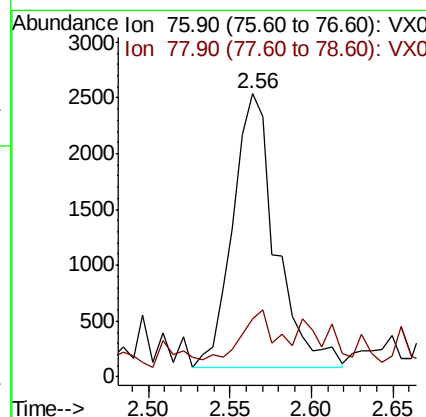
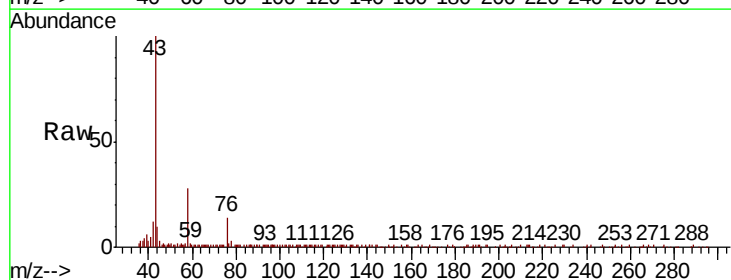
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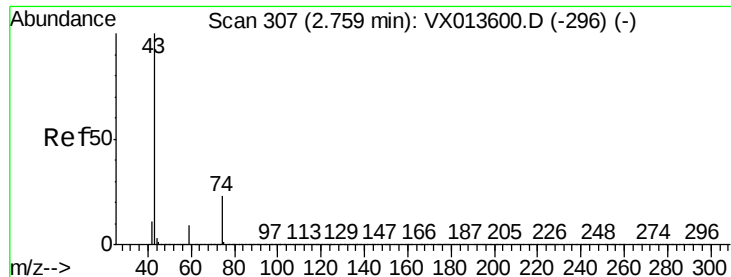
Tot Ion: 43 Resp: 21406590
Ion Ratio Lower Upper
43 100
58 58.5 24.6 36.8#



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion: 76 Resp: 4485
Ion Ratio Lower Upper
76 100
78 13.9 7.2 10.8#

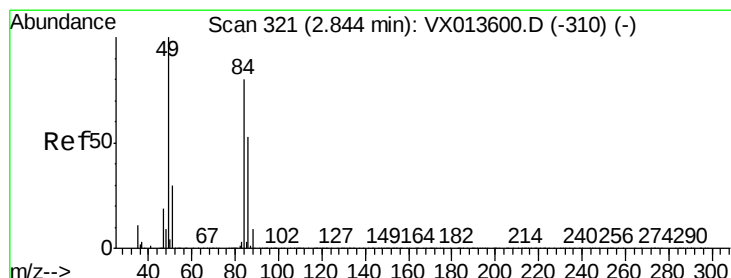
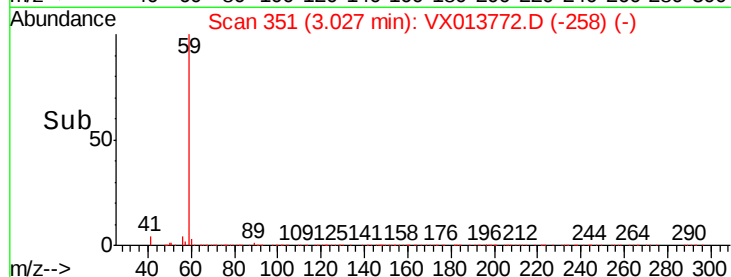
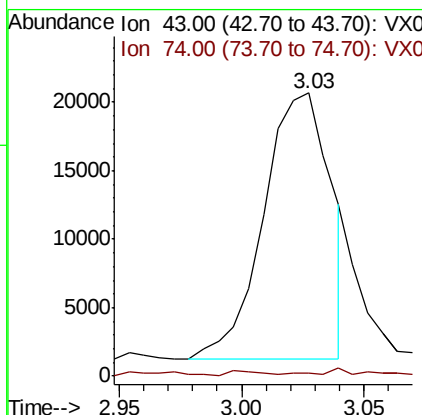
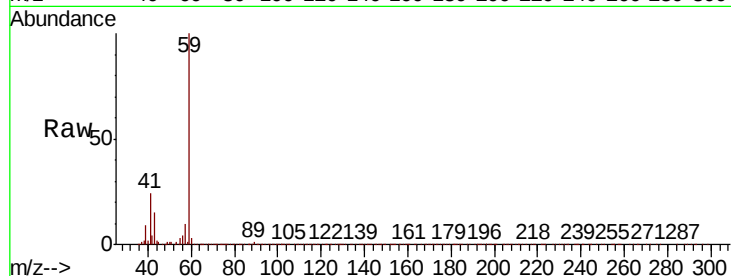




#18
Methyl Acetate
Concen: 3.515 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.27 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

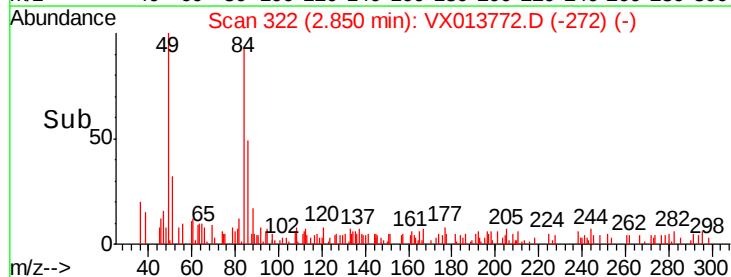
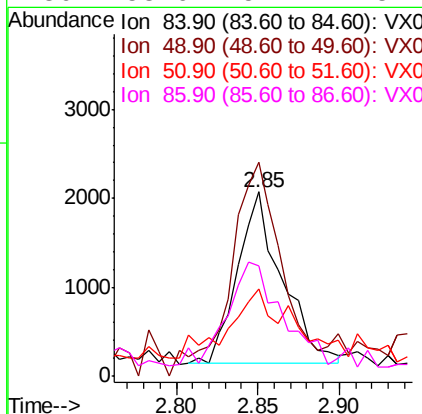
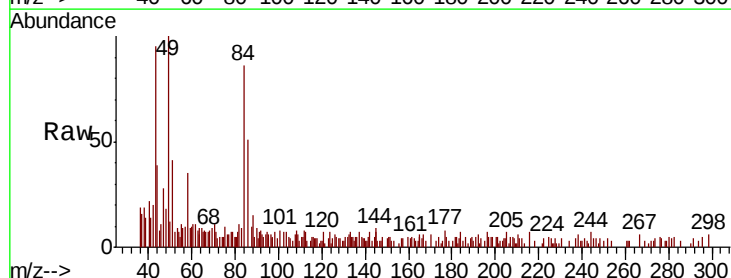
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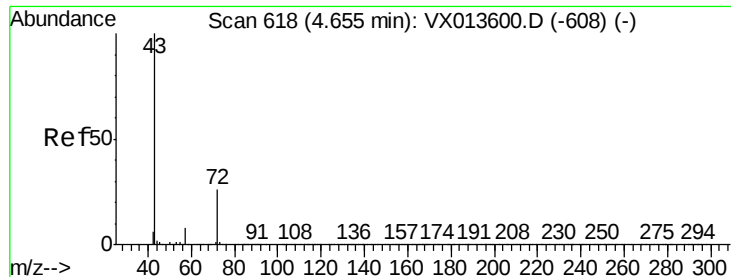
Tot Ion: 43 Resp: 37109
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion: 84 Resp: 3650
Ion Ratio Lower Upper
84 100
49 113.6 99.7 149.5
51 30.2 29.9 44.9
86 53.6 52.2 78.4





#25

2-Butanone

Concen: 117.755 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

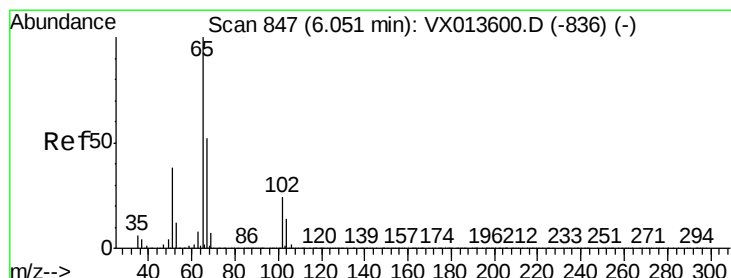
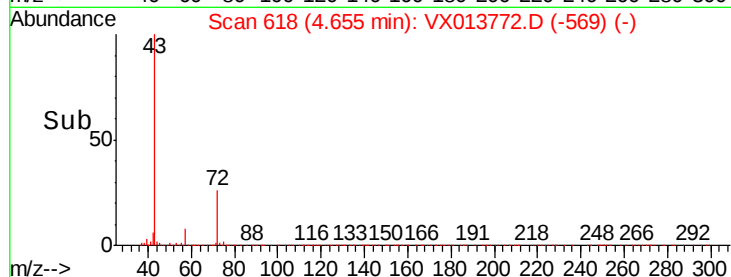
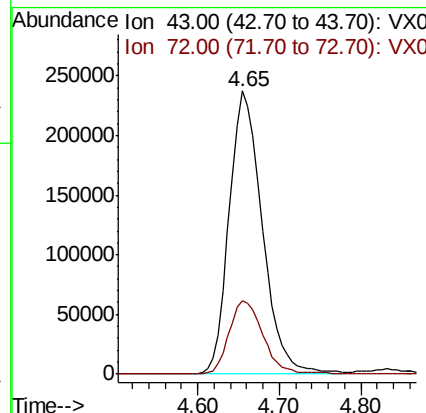
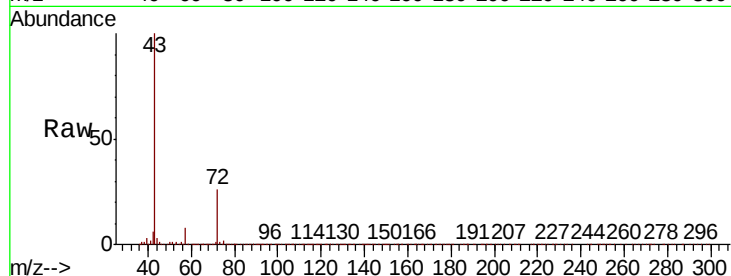
30573

Tot Ion: 43 Resp: 663513

Ion Ratio Lower Upper

43 100

72 25.8 20.6 31.0



#33

1,2-Dichloroethane-d4

Concen: 47.072 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013772.D

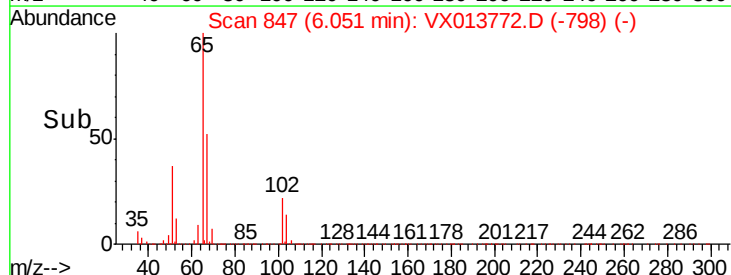
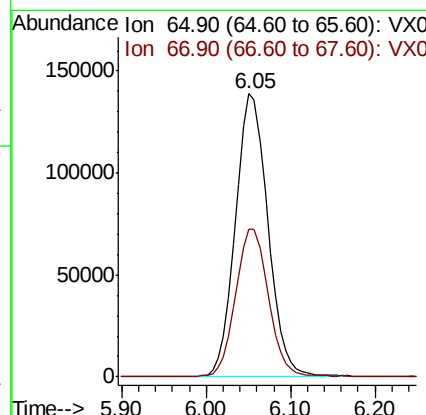
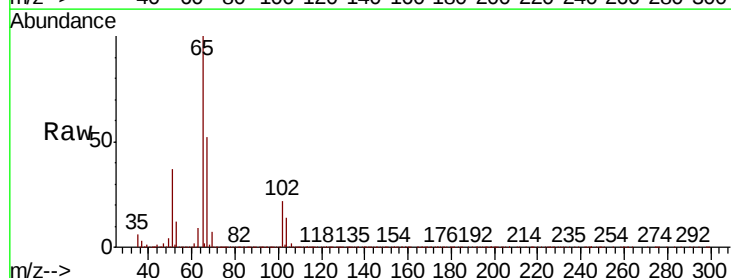
Acq: 05 Dec 2019 13:27

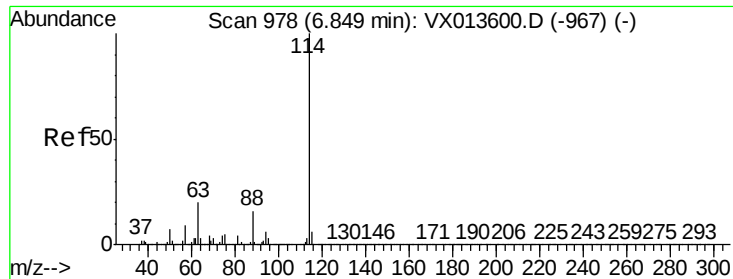
Tgt Ion: 65 Resp: 361484

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.4

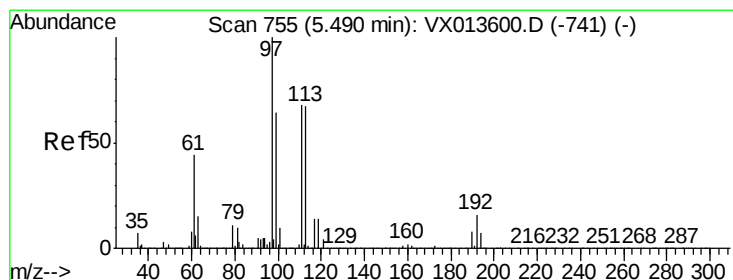
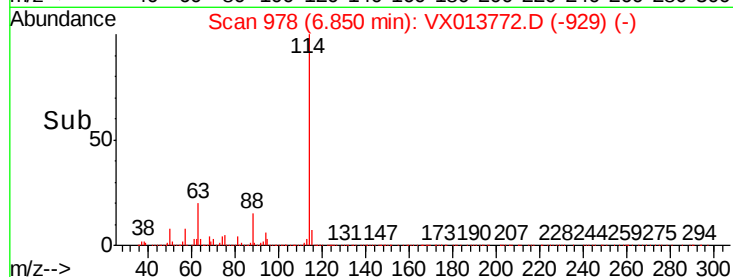
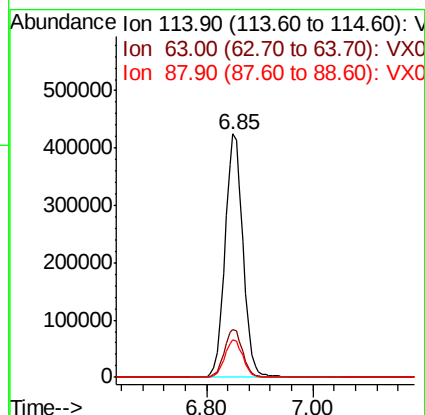
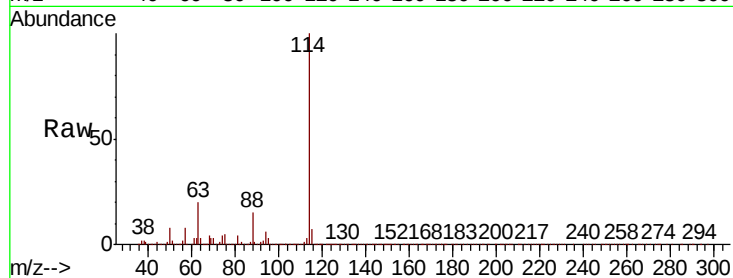




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

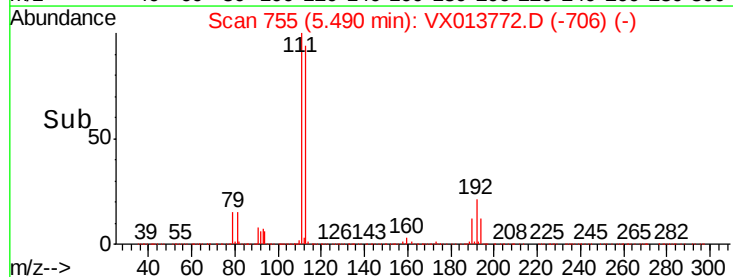
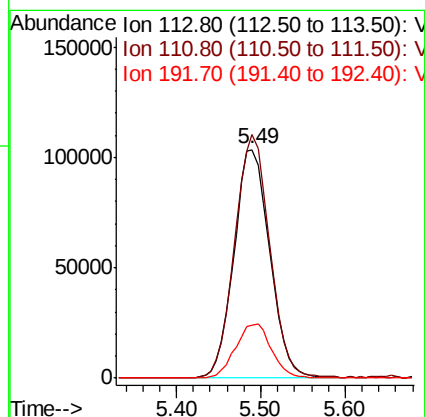
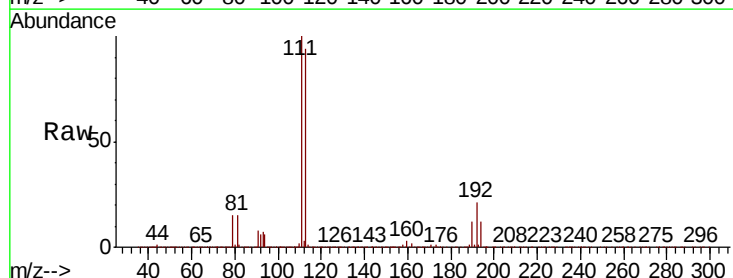
Instrument :
MSVOA_X
ClientSampled :
30573

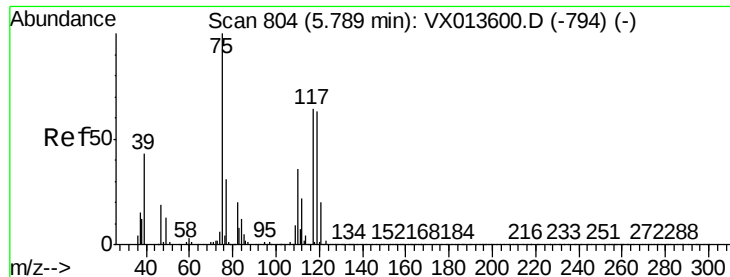
Tot Ion:114 Resp: 1002722
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.994 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion:113 Resp: 297514
Ion Ratio Lower Upper
113 100
111 104.6 83.6 125.4
192 23.8 19.2 28.8

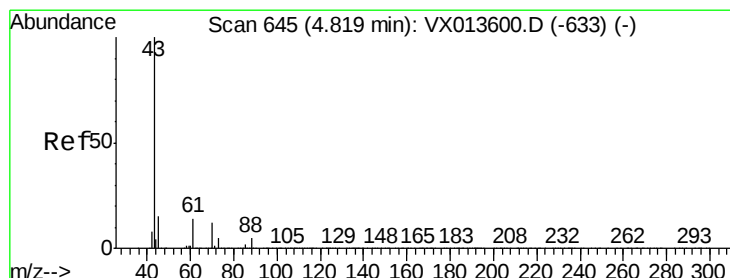
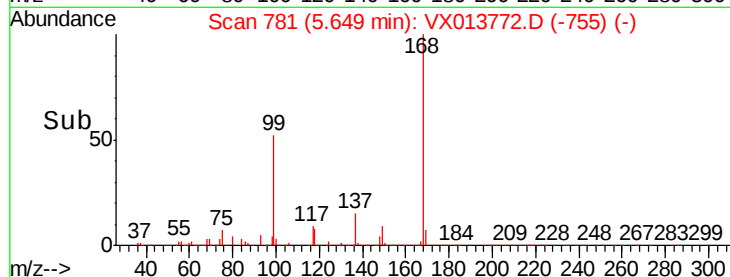
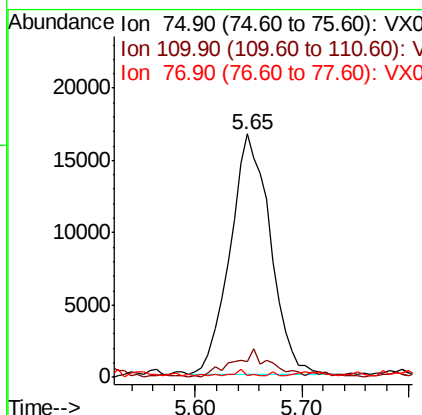
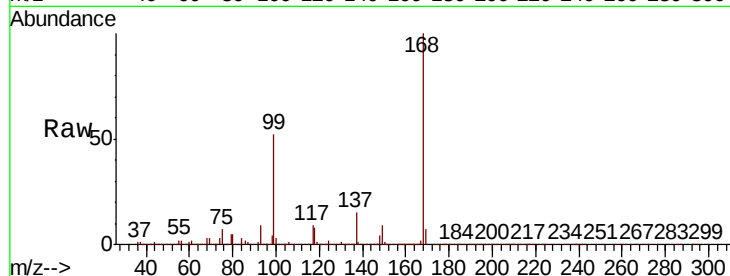




#36
 1,1-Dichloropropene
 Concen: 4.847 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013772.D
 Acq: 05 Dec 2019 13:27

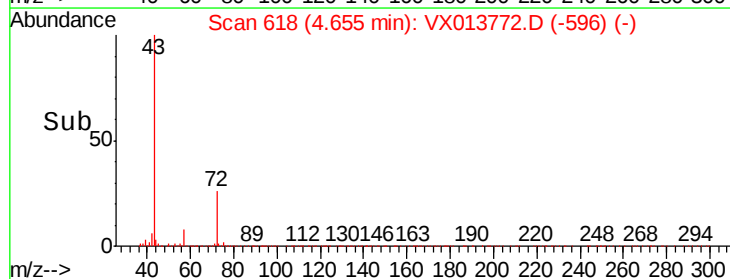
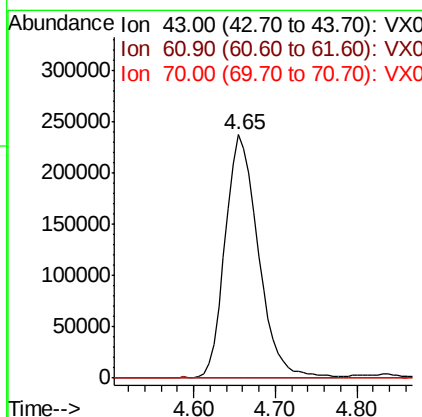
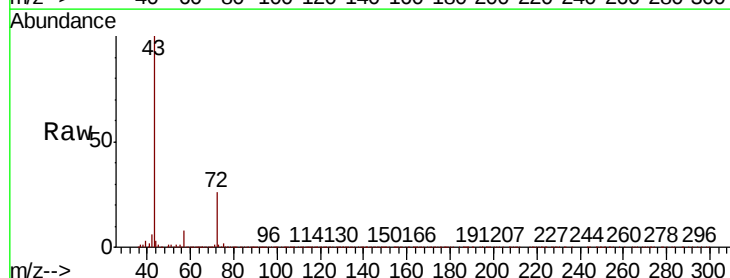
Instrument :
 MSVOA_X
 ClientSampleId :
 30573

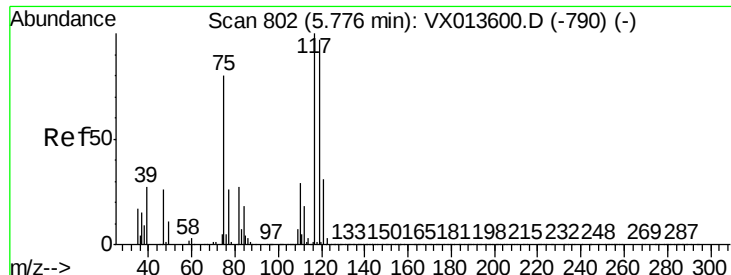
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	1.1	24.5	36.7#



#37
 Ethyl Acetate
 Concen: 64.979 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.16 min
 Lab File: VX013772.D
 Acq: 05 Dec 2019 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	8.6	12.8#





#38

Carbon Tetrachloride

Concen: 7.014 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

30573

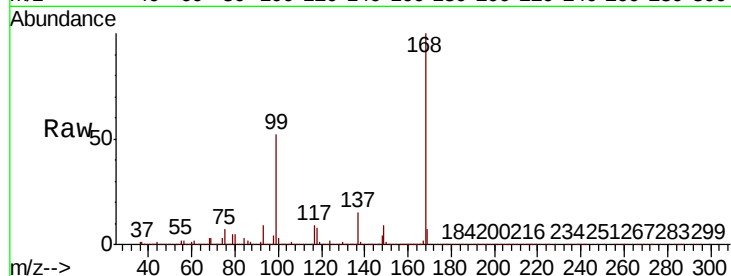
Tot Ion:117 Resp: 58865

Ion Ratio Lower Upper

117 100

119 4.7 77.5 116.3#

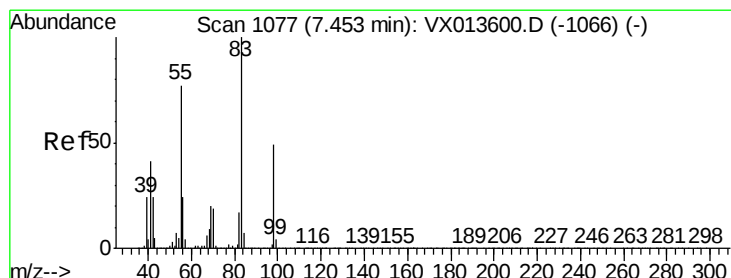
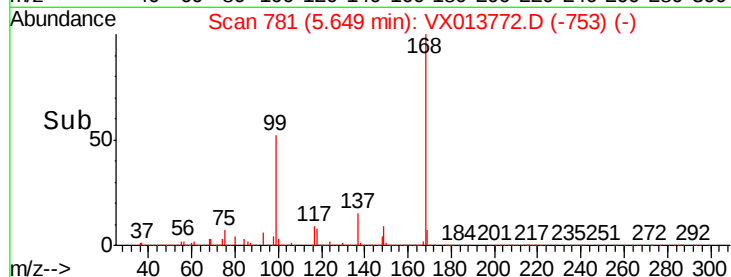
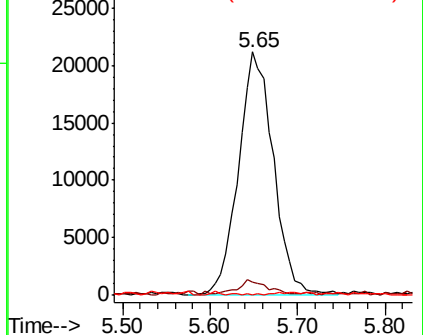
121 0.0 25.0 37.6#



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: 2.178 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

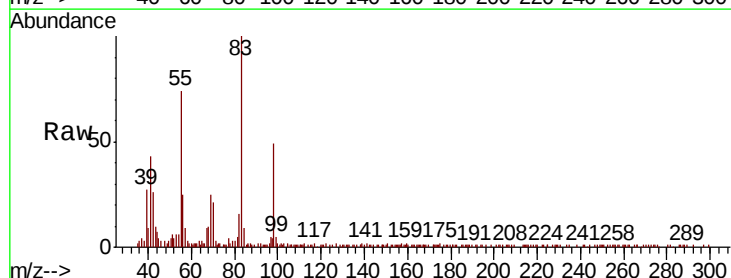
Tgt Ion: 83 Resp: 24508

Ion Ratio Lower Upper

83 100

55 71.5 61.9 92.9

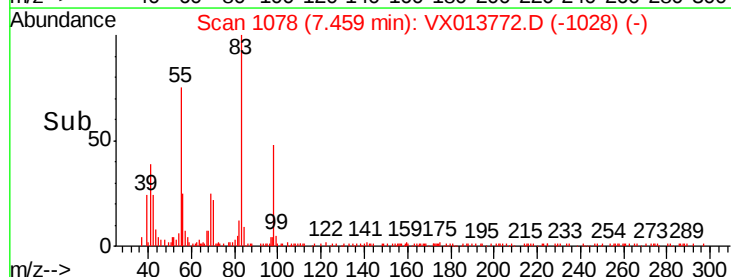
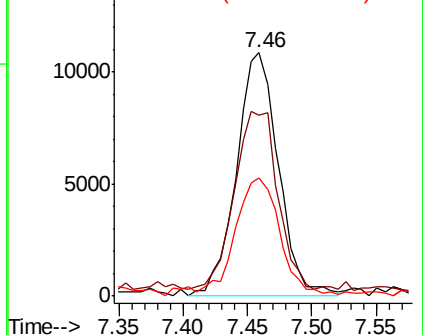
98 48.0 39.4 59.0

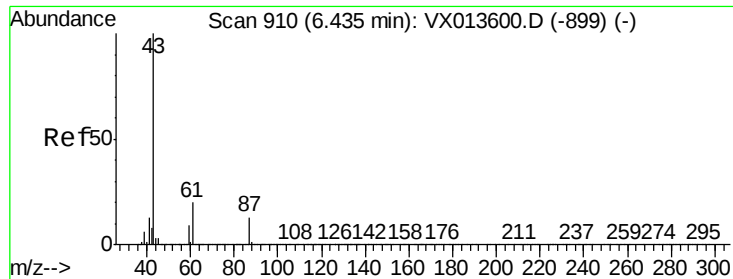


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 1.939 ug/l

RT: 6.21 min Scan# 873

Delta R.T. -0.23 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

30573

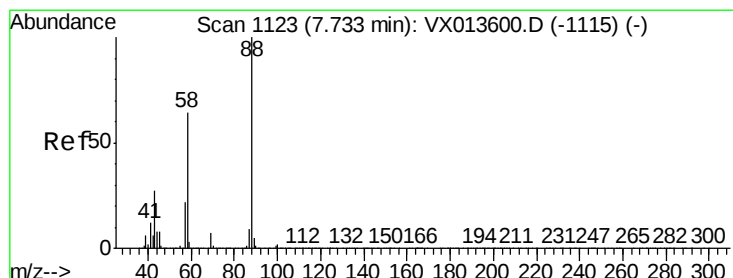
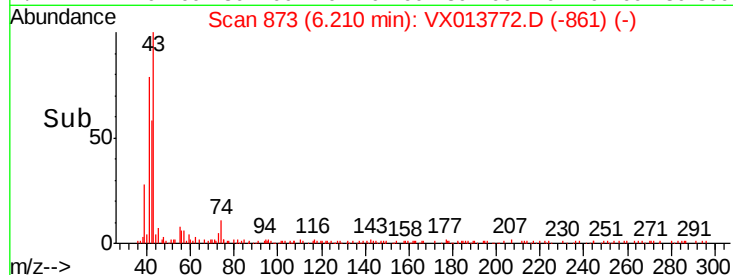
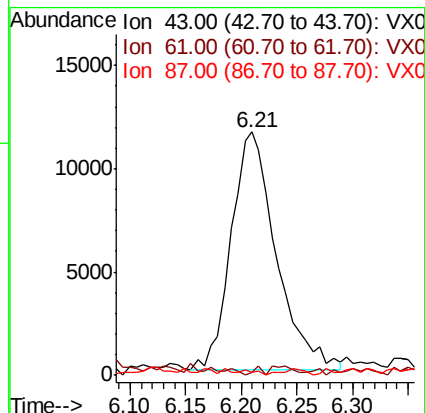
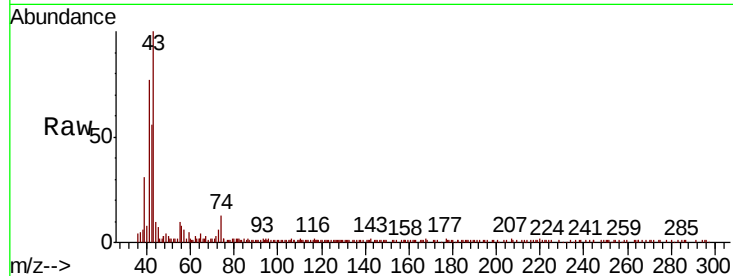
Tot Ion: 43 Resp: 32604

Ion Ratio Lower Upper

43 100

61 0.7 16.3 24.5#

87 0.7 10.8 16.2#



#49

1,4-Dioxane

Concen: 1.821 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

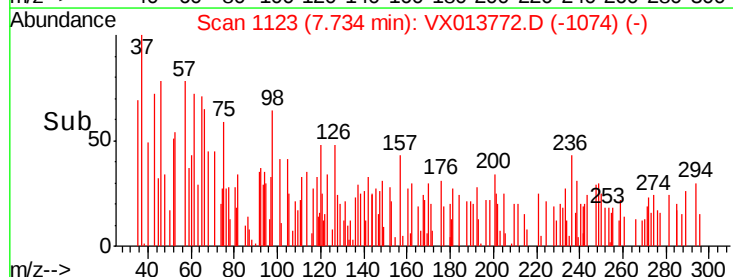
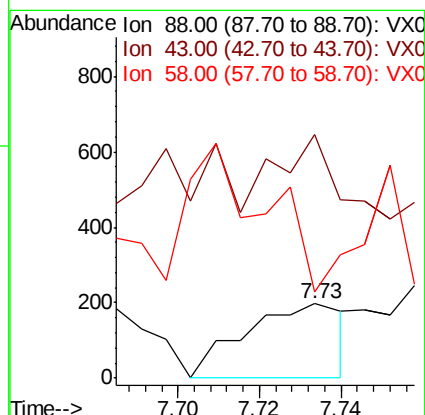
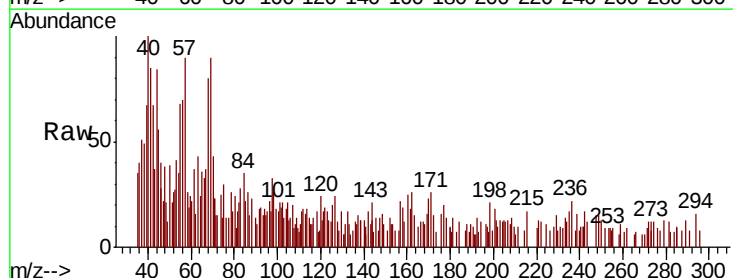
Tgt Ion: 88 Resp: 333

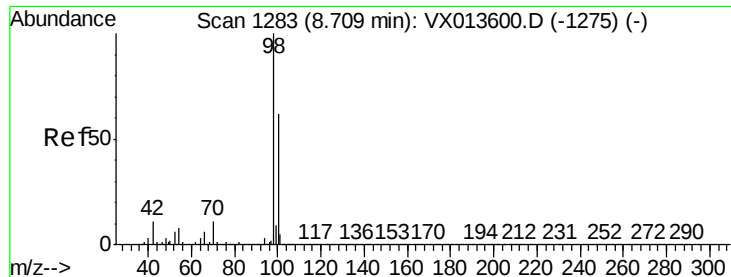
Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

58 0.0 54.6 82.0#





#50

Toluene-d8

Concen: 50.542 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

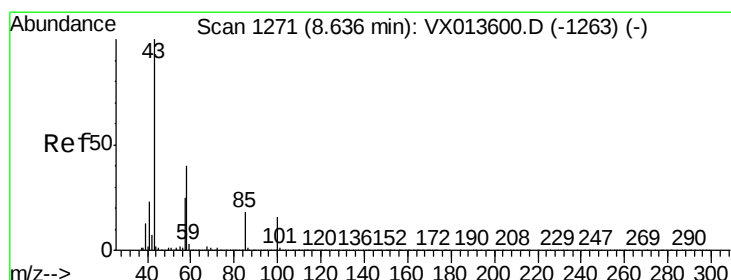
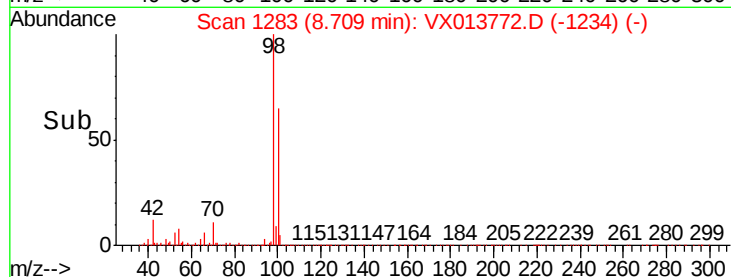
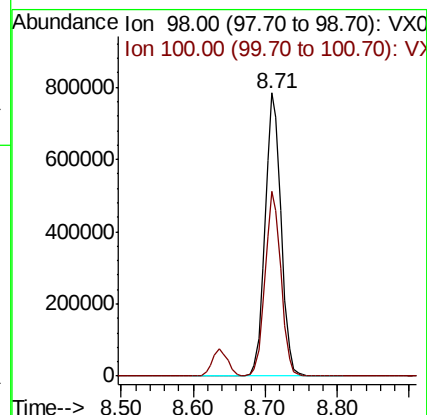
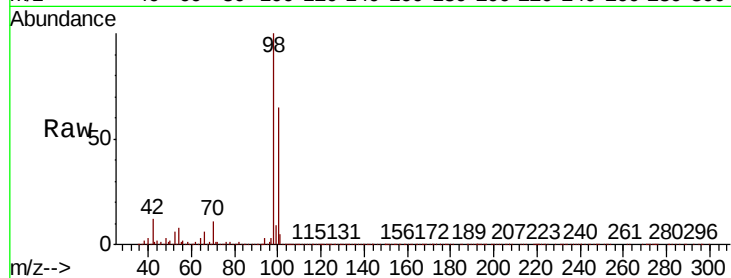
30573

Tot Ion: 98 Resp: 1220686

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 66.378 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013772.D

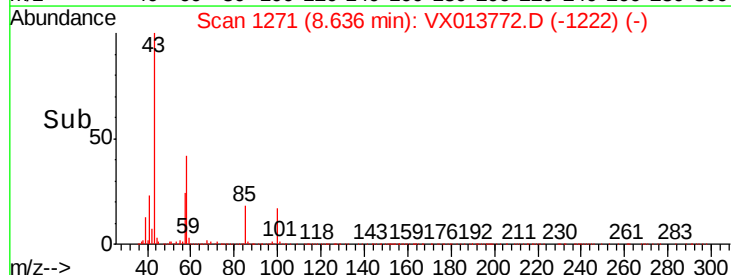
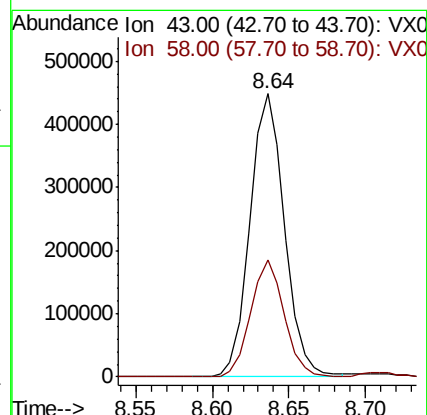
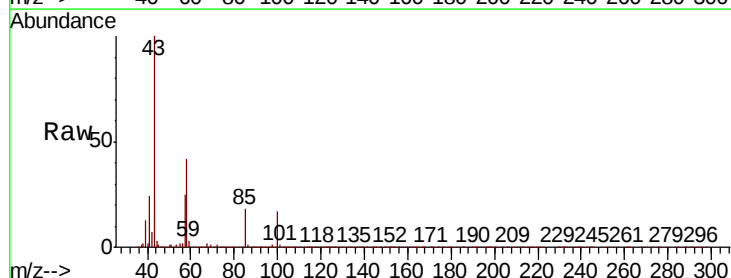
Acq: 05 Dec 2019 13:27

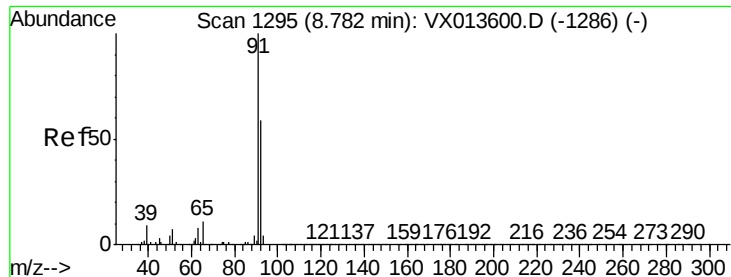
Tgt Ion: 43 Resp: 701912

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1





#52

Toluene

Concen: 644.873 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

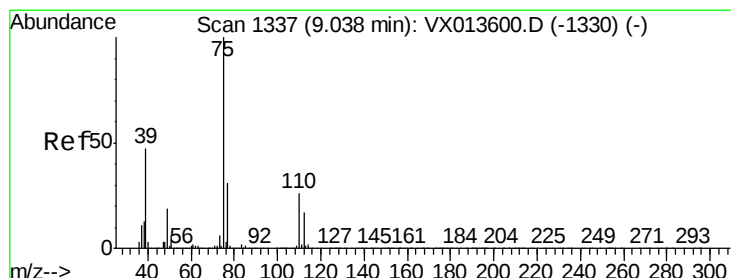
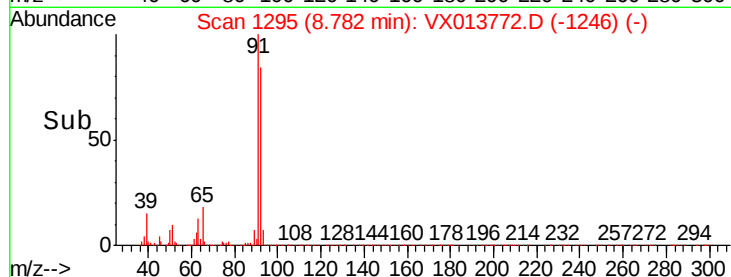
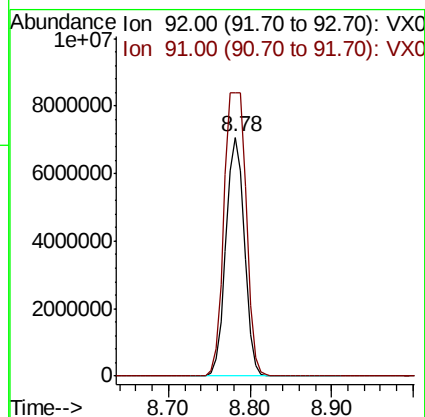
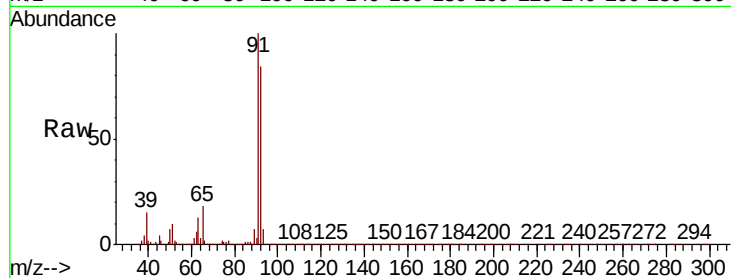
30573

Tot Ion: 92 Resp: 11106121

Ion Ratio Lower Upper

92 100

91 143.1 136.2 204.2



#53

t-1,3-Dichloropropene

Concen: 12.784 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.26 min

Lab File: VX013772.D

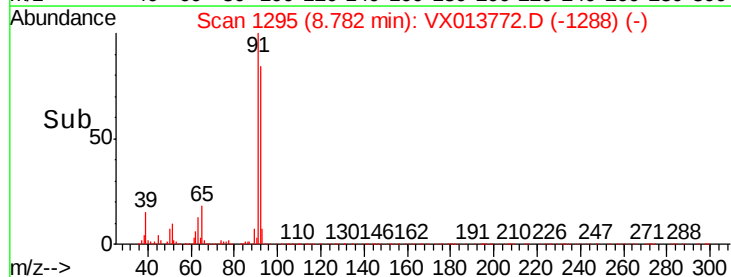
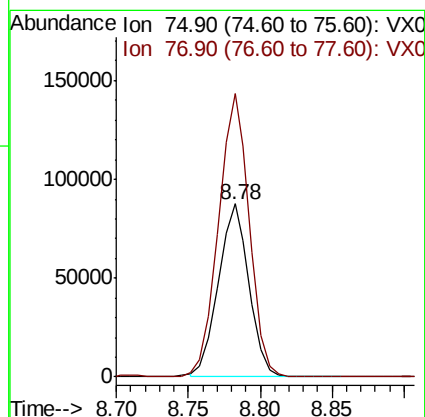
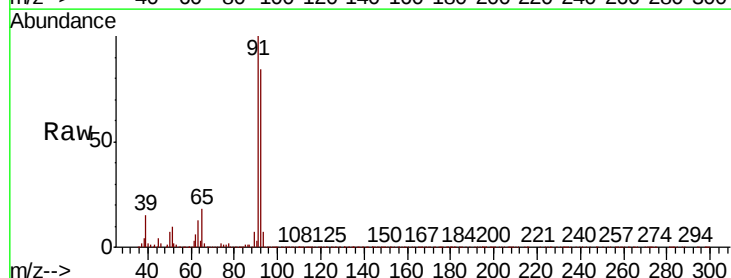
Acq: 05 Dec 2019 13:27

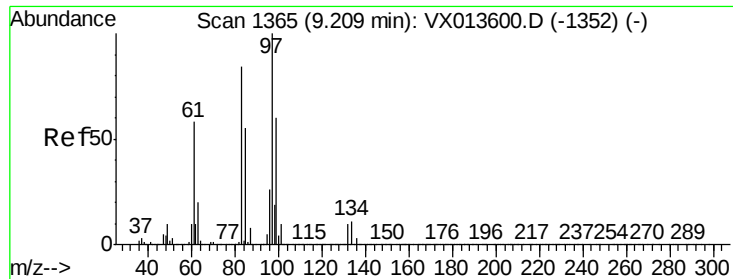
Tgt Ion: 75 Resp: 129589

Ion Ratio Lower Upper

75 100

77 163.6 24.4 36.6#

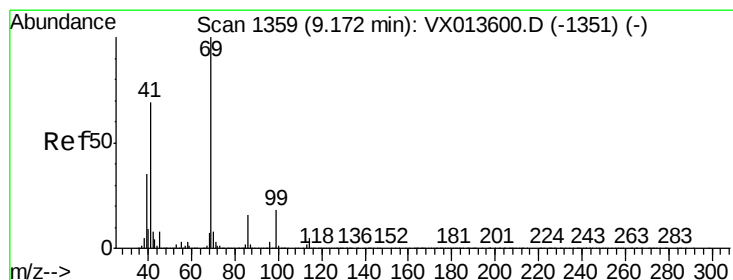
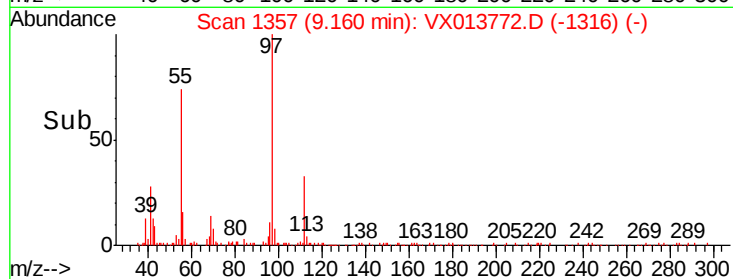
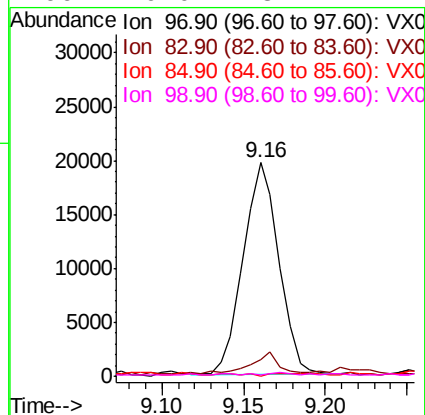
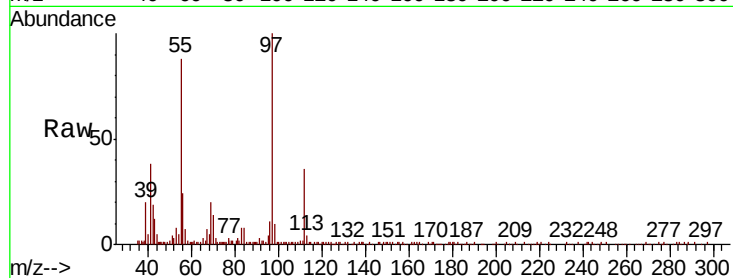




#55
 1,1,2-Trichloroethane
 Concen: 4.332 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX013772.D
 Acq: 05 Dec 2019 13:27

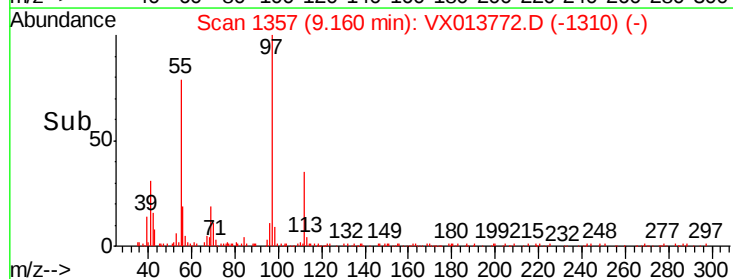
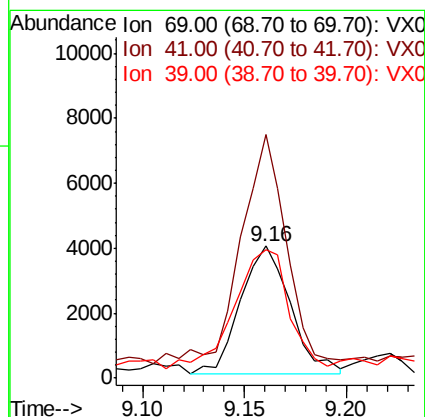
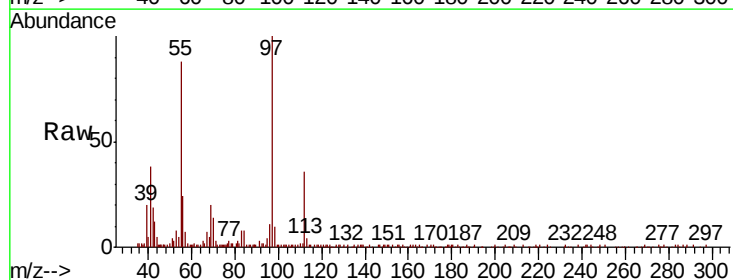
Instrument :
 MSVOA_X
 ClientSampleId :
 30573

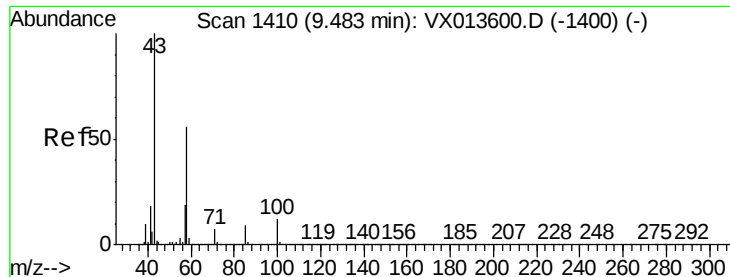
Tot Ion:	97	Resp:	30065
Ion	Ratio	Lower	Upper
97	100		
83	6.1	67.3	100.9#
85	0.4	43.6	65.4#
99	0.0	48.2	72.4#



#56
 Ethyl methacrylate
 Concen: 0.594 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX013772.D
 Acq: 05 Dec 2019 13:27

Tgt Ion:	69	Resp:	6632
Ion	Ratio	Lower	Upper
69	100		
41	162.4	55.0	82.4#
39	101.4	28.7	43.1#

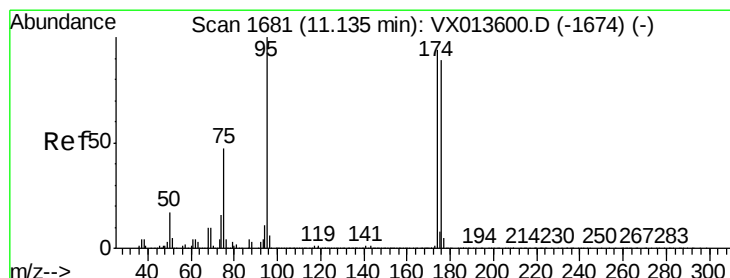
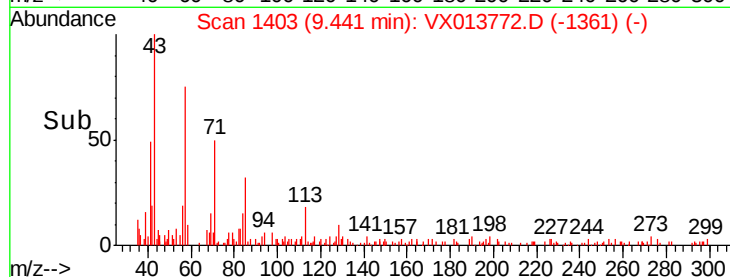
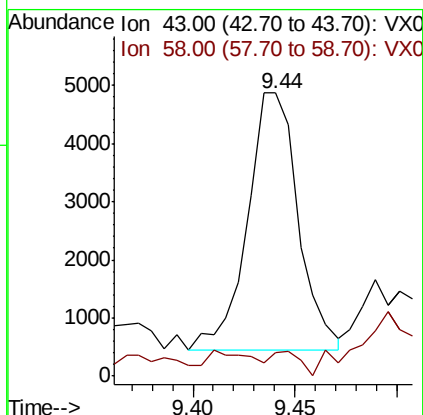
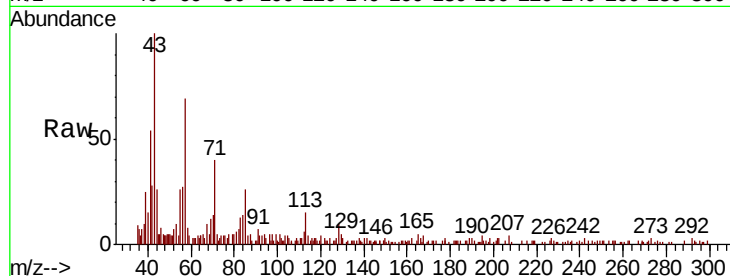




#59
2-Hexanone
Concen: 0.931 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.04 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

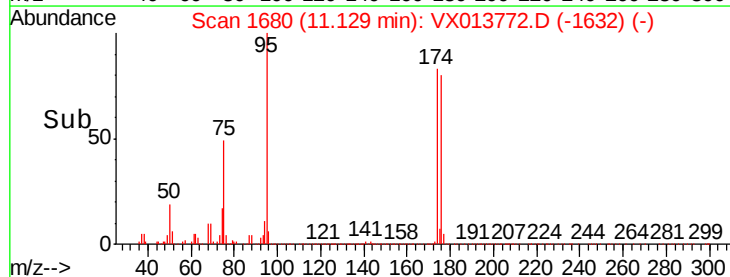
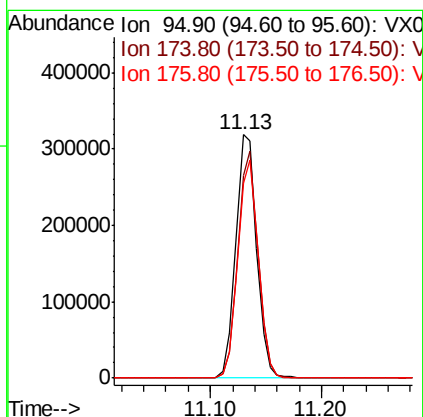
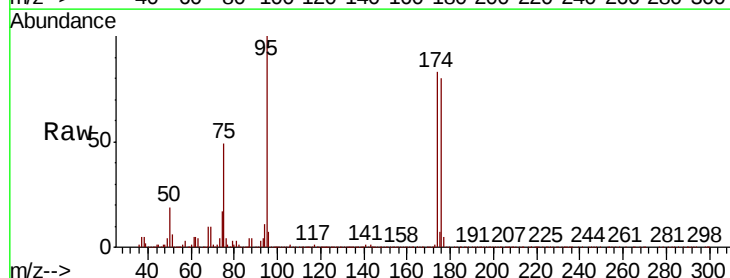
Instrument :
MSVOA_X
ClientSampled :
30573

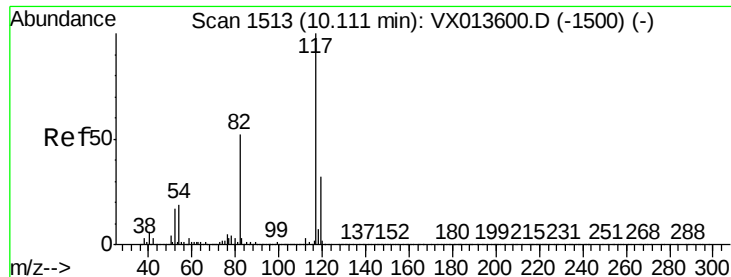
Tot Ion: 43 Resp: 7676
Ion Ratio Lower Upper
43 100
58 5.2 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 47.485 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion: 95 Resp: 413554
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.0
176 88.2 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

30573

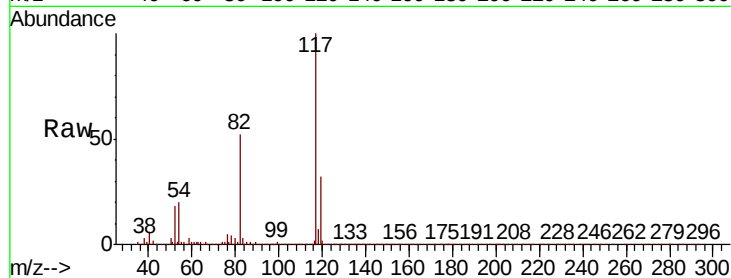
Tot Ion:117 Resp: 909292

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

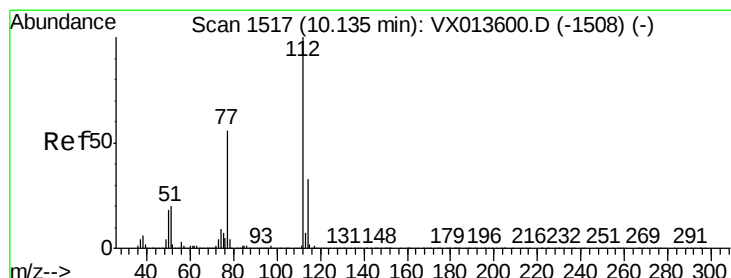
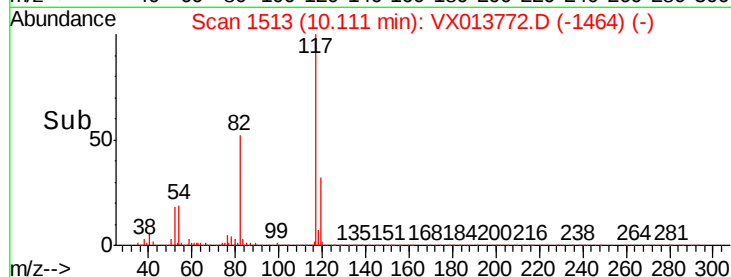
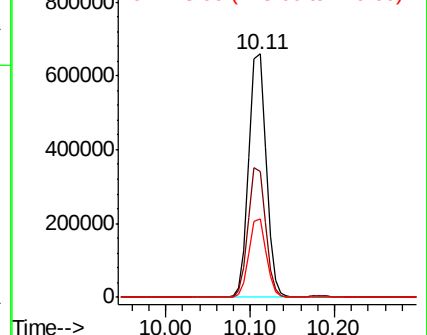
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.225 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013772.D

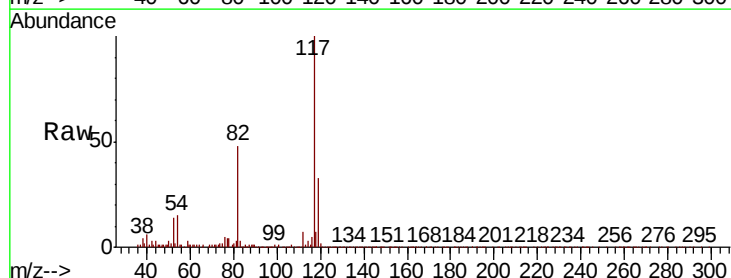
Acq: 05 Dec 2019 13:27

Tgt Ion:112 Resp: 4252

Ion Ratio Lower Upper

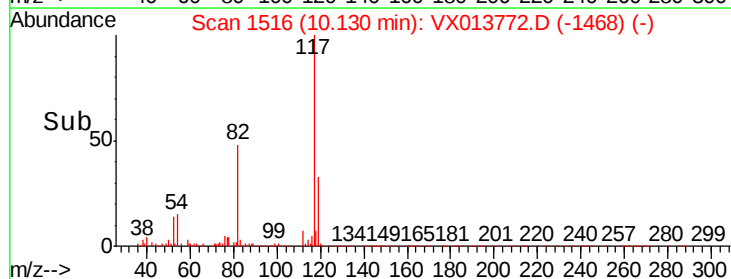
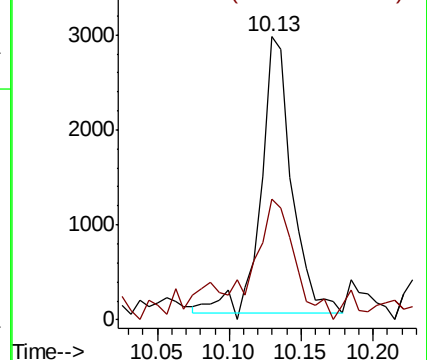
112 100

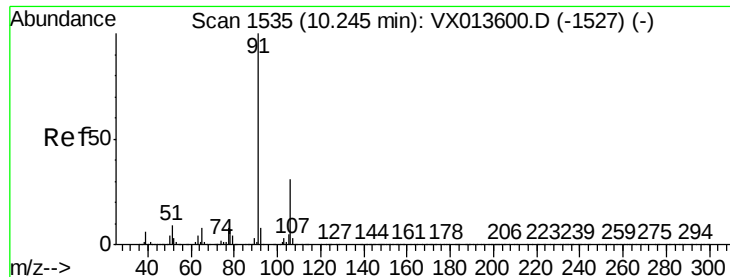
114 38.2 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 52.321 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

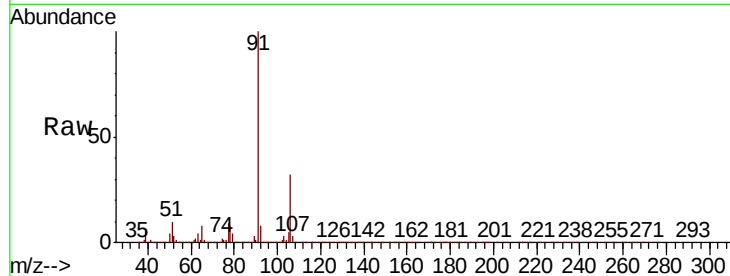
30573

Tot Ion: 91 Resp: 1697357

Ion Ratio Lower Upper

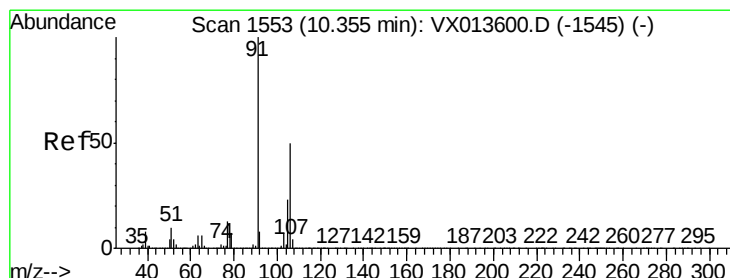
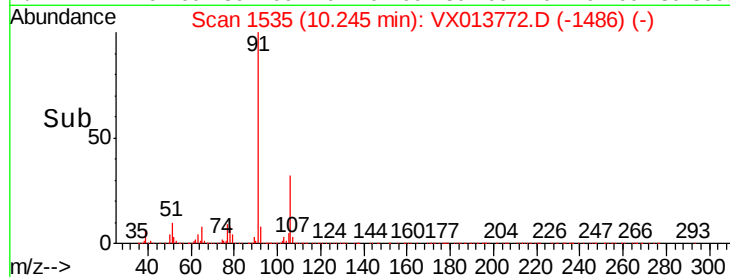
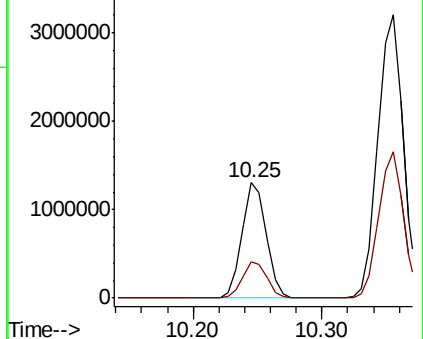
91 100

106 31.7 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 176.948 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013772.D

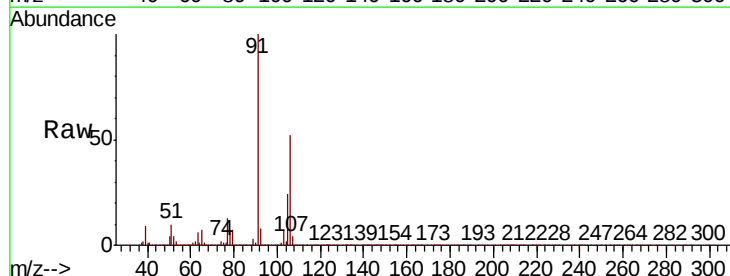
Acq: 05 Dec 2019 13:27

Tgt Ion: 106 Resp: 2197730

Ion Ratio Lower Upper

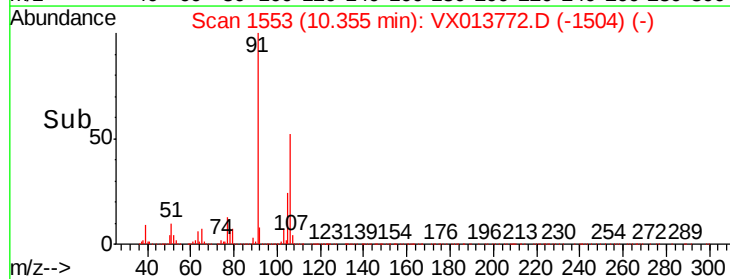
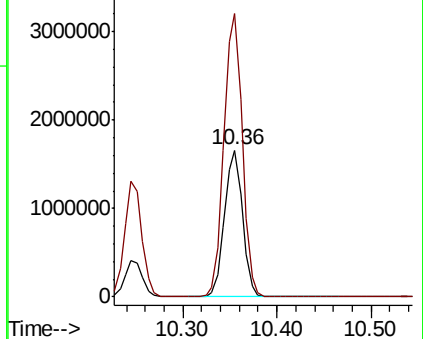
106 100

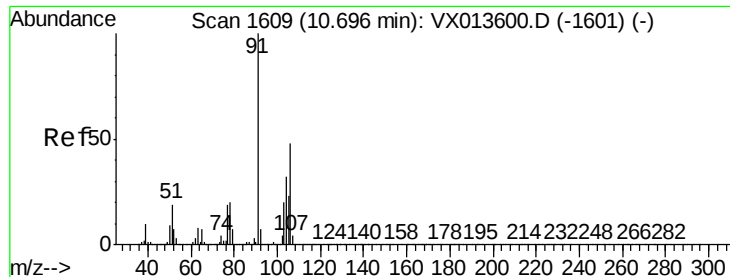
91 197.4 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

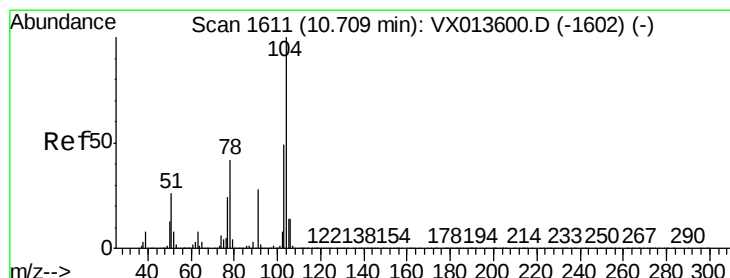
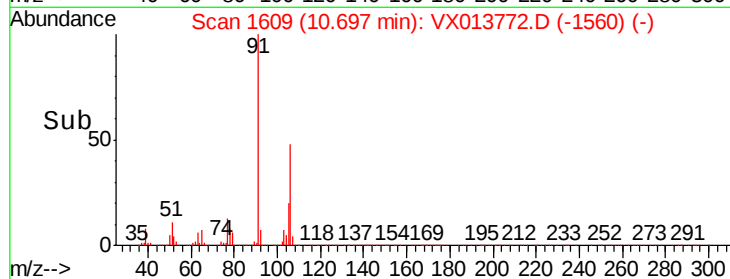
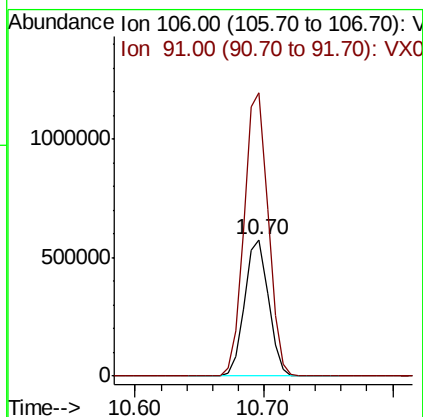
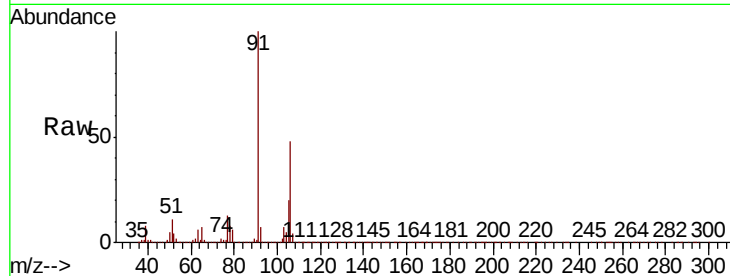




#69
o-Xylene
Concen: 60.508 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

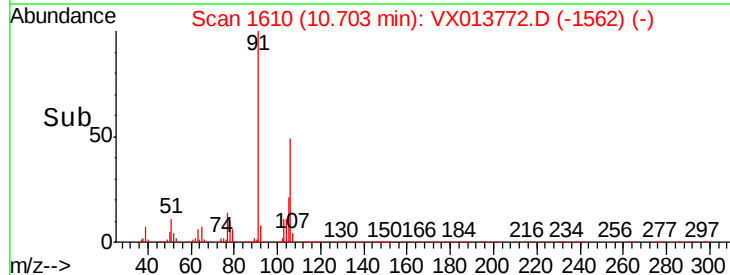
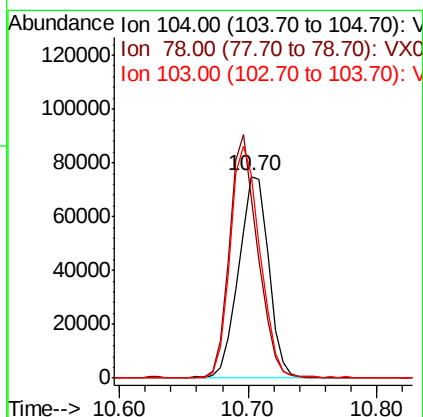
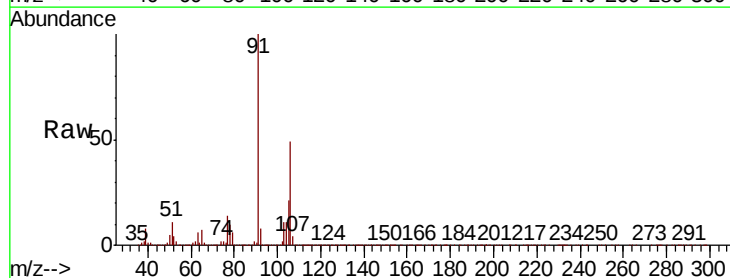
Instrument :
MSVOA_X
ClientSampleID :
30573

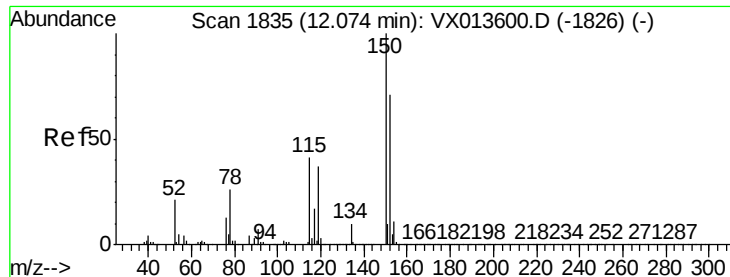
Tot Ion:106 Resp: 732964
Ion Ratio Lower Upper
106 100
91 210.0 104.1 312.2



#70
Styrene
Concen: 5.907 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX013772.D
Acq: 05 Dec 2019 13:27

Tgt Ion:104 Resp: 120372
Ion Ratio Lower Upper
104 100
78 114.6 38.5 57.7#
103 115.7 43.7 65.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

30573

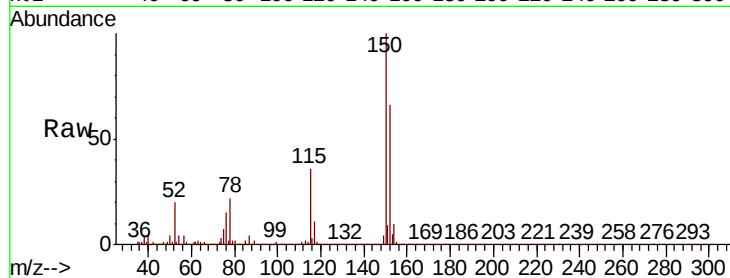
Tot Ion:152 Resp: 434660

Ion Ratio Lower Upper

152 100

115 54.5 38.4 115.1

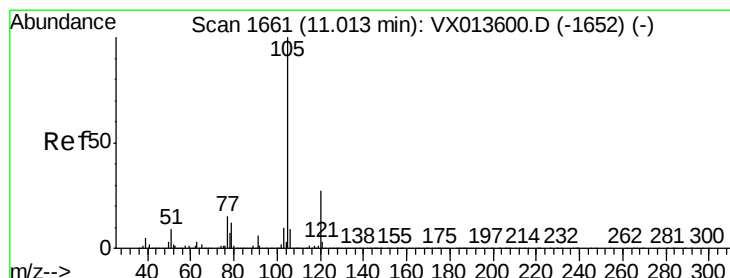
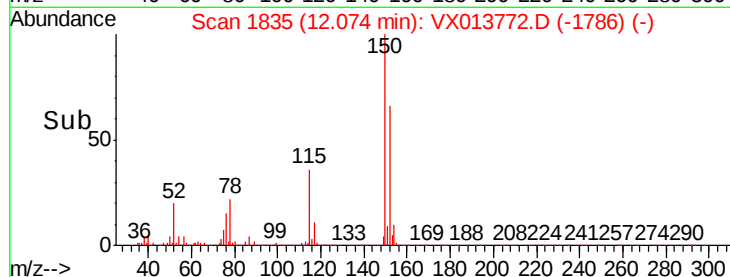
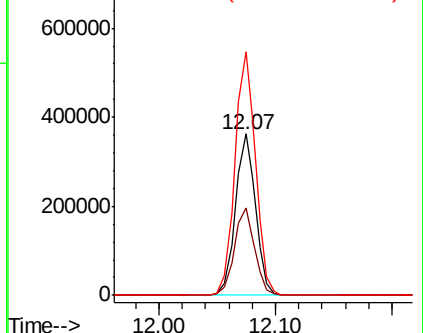
150 154.2 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.387 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013772.D

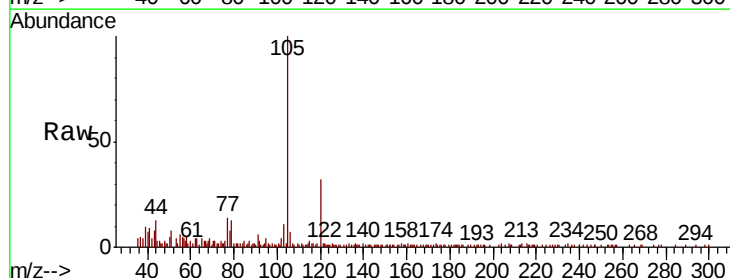
Acq: 05 Dec 2019 13:27

Tgt Ion:105 Resp: 11793

Ion Ratio Lower Upper

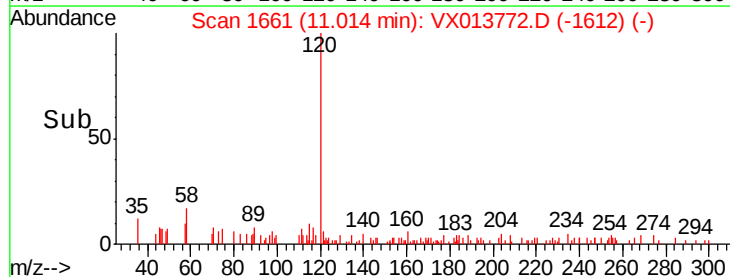
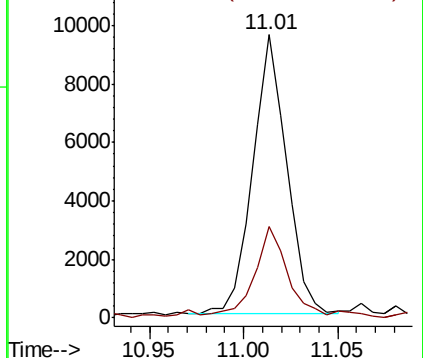
105 100

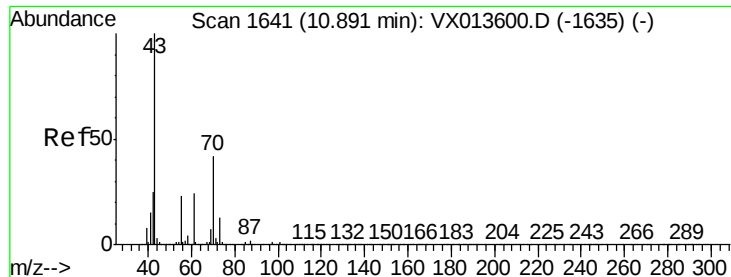
120 34.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.293 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :
30573

Tot Ion: 43 Resp: 4094

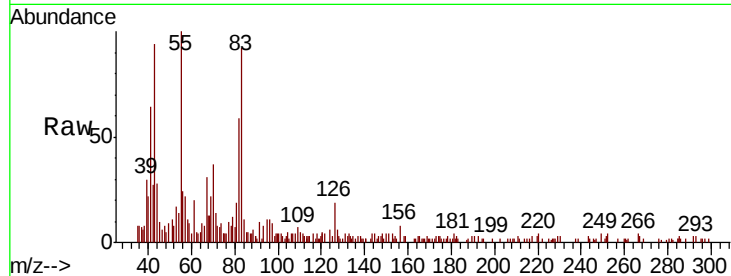
Ion Ratio Lower Upper

43 100

70 105.6 34.3 51.5#

55 197.1 18.5 27.7#

61 0.0 19.8 29.8#

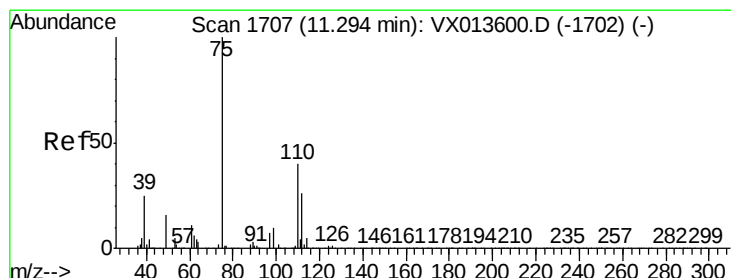
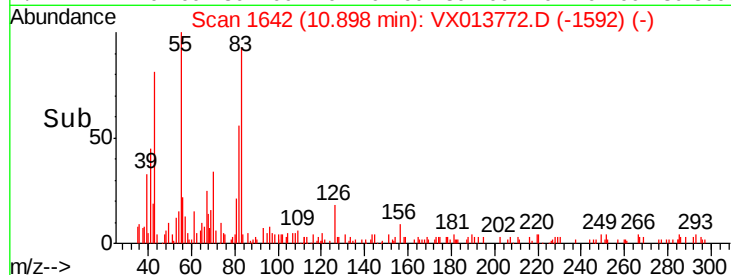
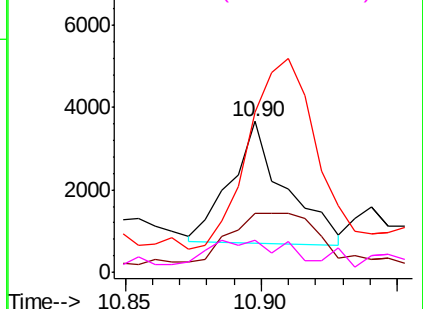


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 20.731 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013772.D

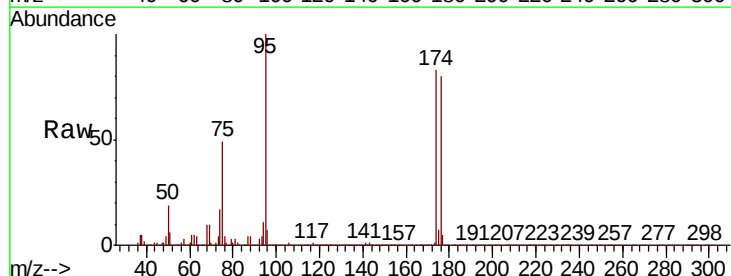
Acq: 05 Dec 2019 13:27

Tgt Ion: 75 Resp: 202670

Ion Ratio Lower Upper

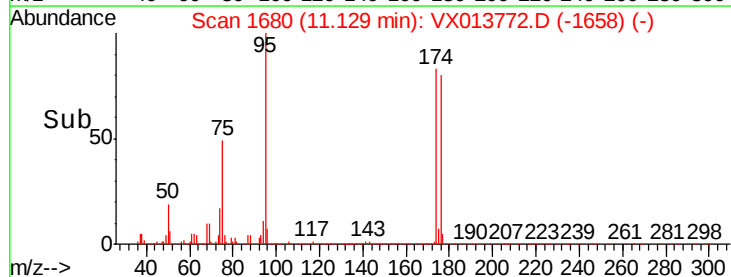
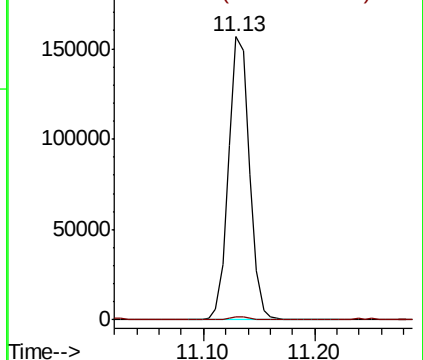
75 100

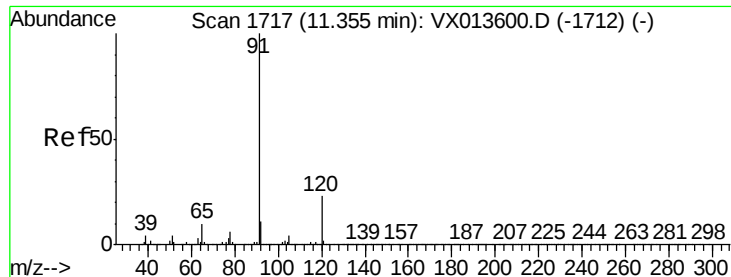
77 1.5 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

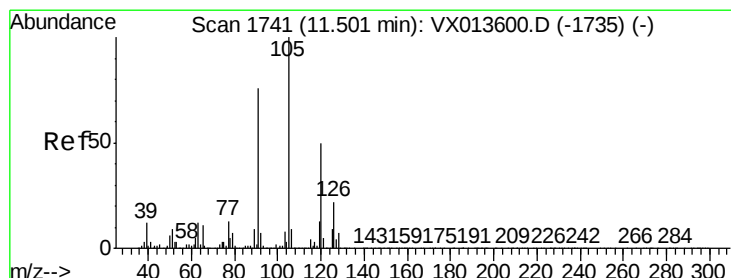
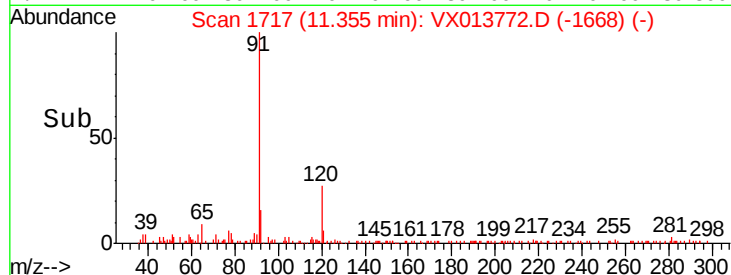
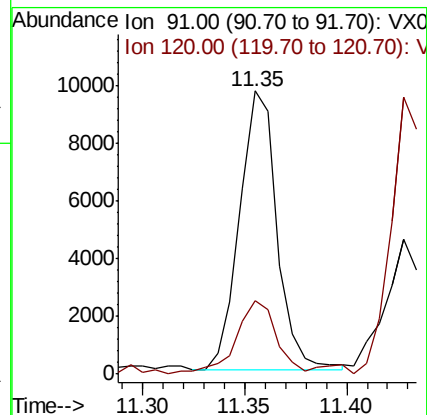
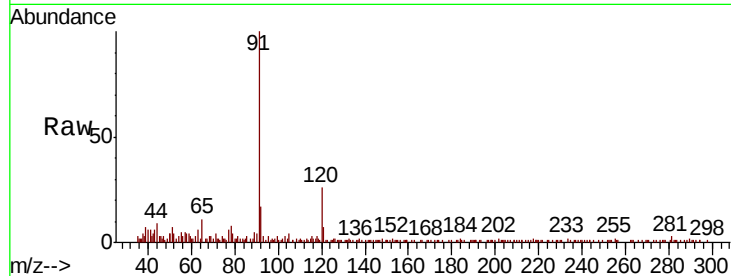
30573

Tot Ion: 91 Resp: 12273

Ion Ratio Lower Upper

91 100

120 28.5 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 0.468 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013772.D

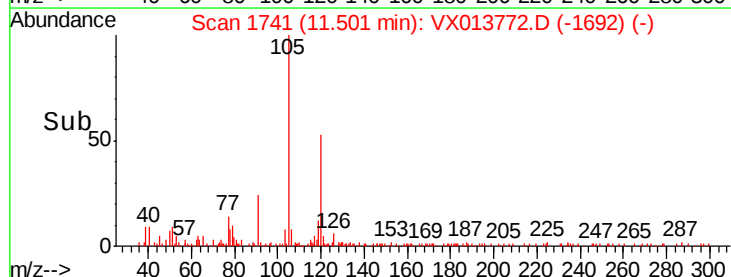
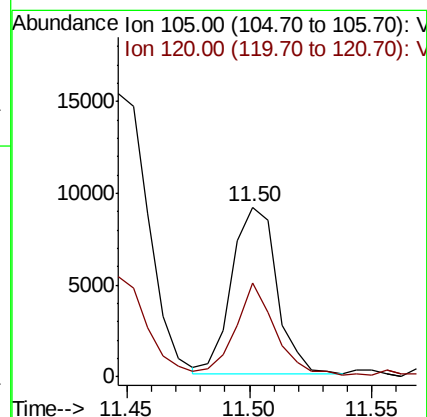
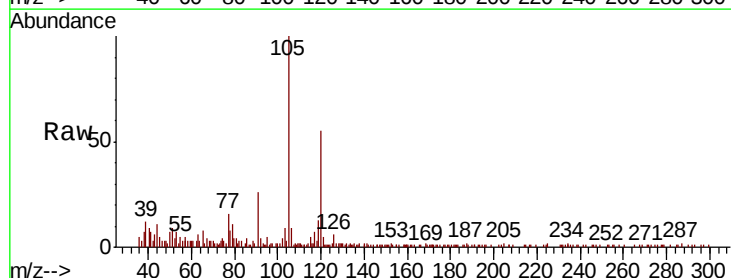
Acq: 05 Dec 2019 13:27

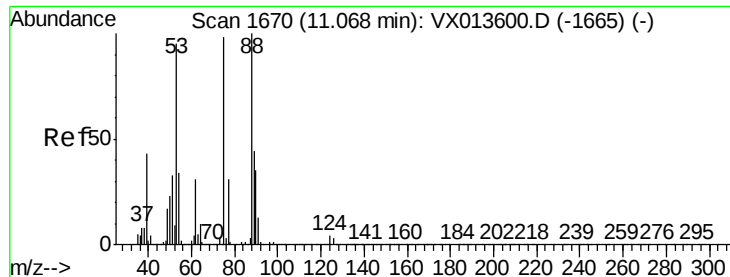
Tgt Ion: 105 Resp: 11698

Ion Ratio Lower Upper

105 100

120 48.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 56.716 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :
30573

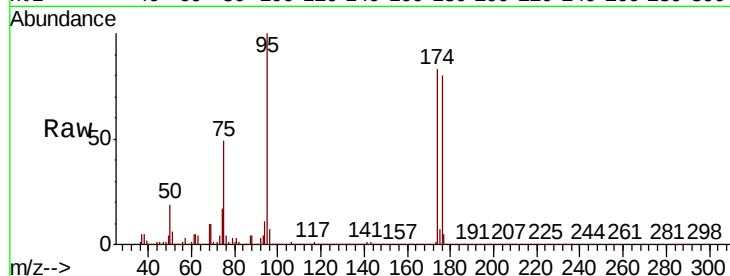
Tot Ion: 75 Resp: 202670

Ion Ratio Lower Upper

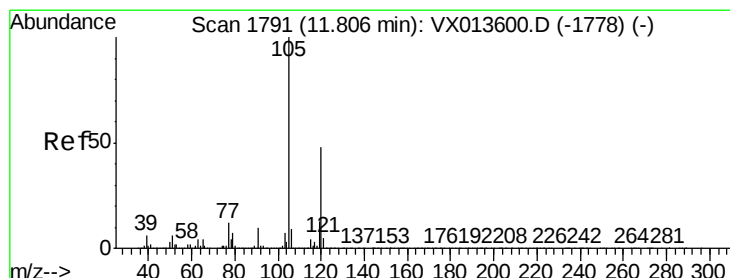
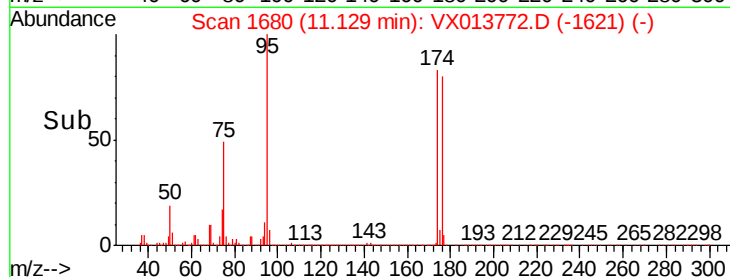
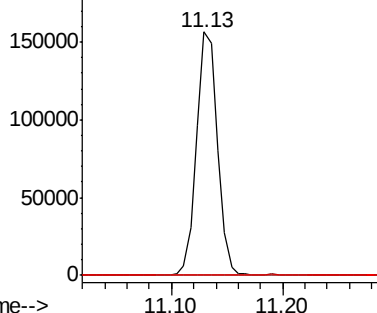
75 100

53 0.0 78.2 117.2#

89 0.1 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 1.970 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013772.D

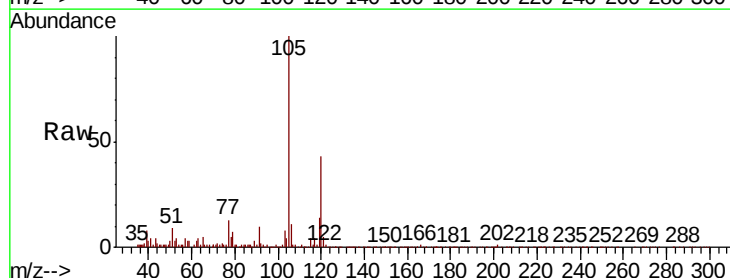
Acq: 05 Dec 2019 13:27

Tgt Ion:105 Resp: 49970

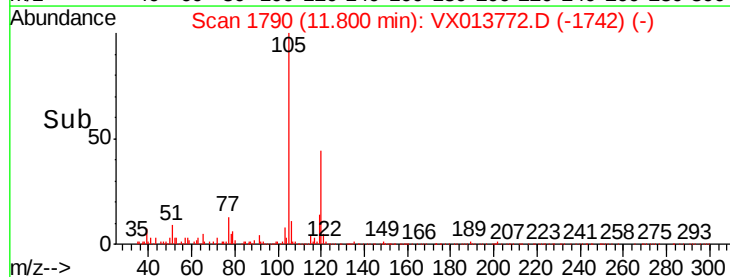
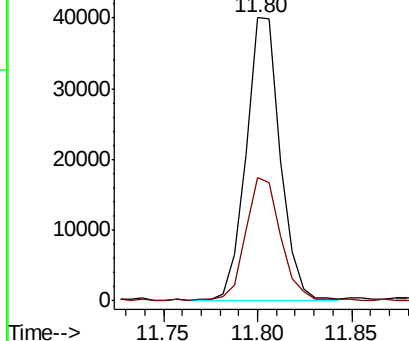
Ion Ratio Lower Upper

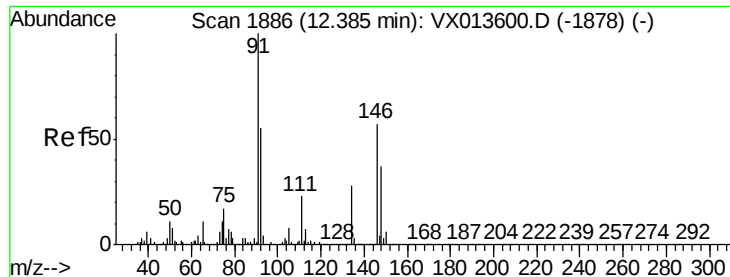
105 100

120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.220 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

30573

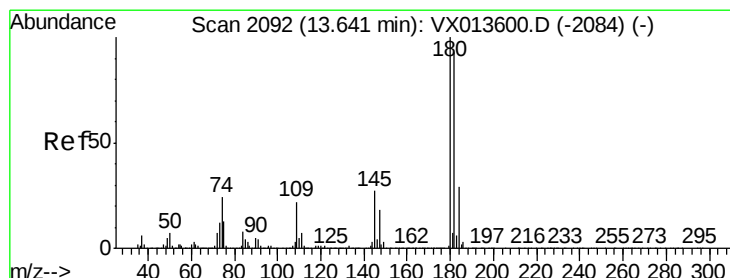
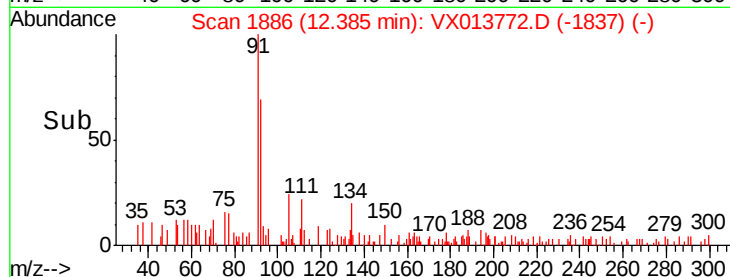
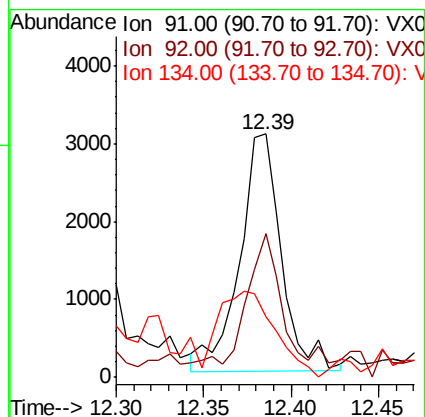
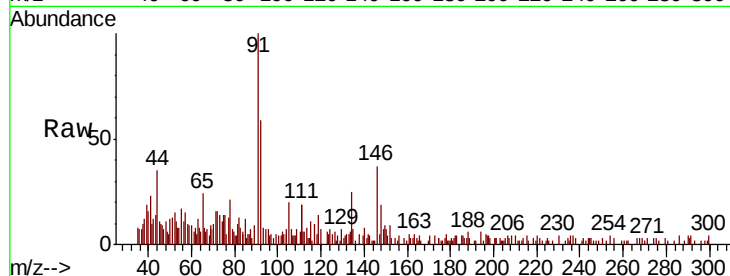
Tot Ion: 91 Resp: 5062

Ion Ratio Lower Upper

91 100

92 40.4 27.4 82.2

134 49.3 13.5 40.4#



#93

1,2,4-Trichlorobenzene

Concen: 0.332 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

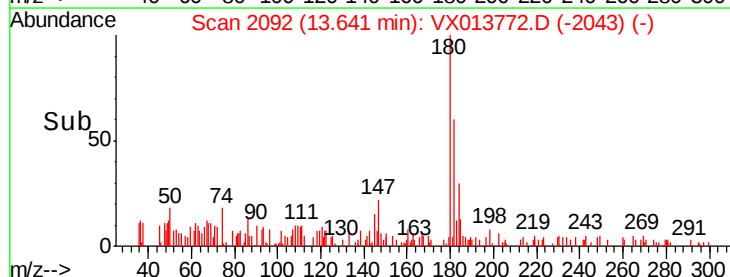
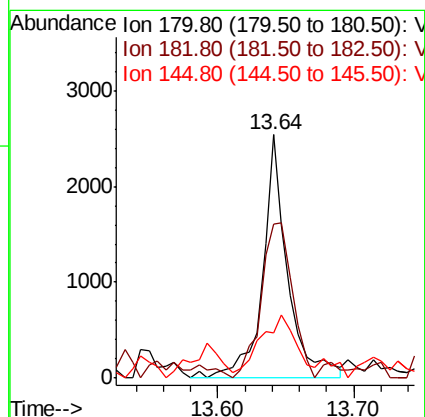
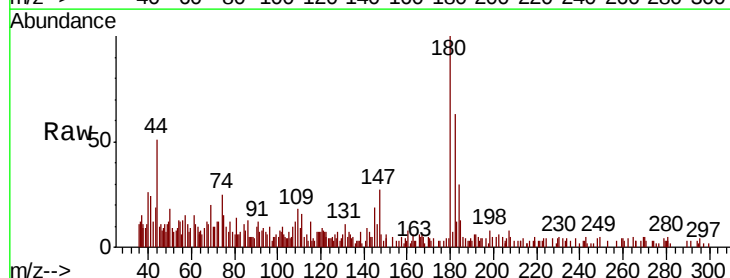
Tgt Ion: 180 Resp: 3285

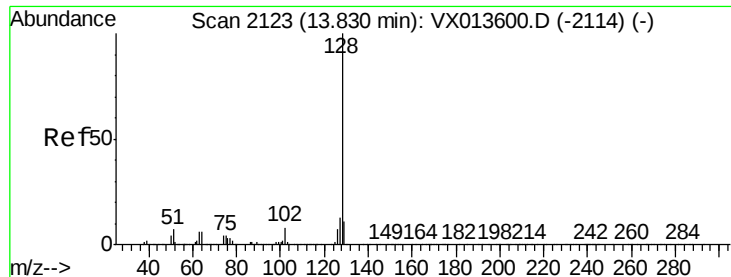
Ion Ratio Lower Upper

180 100

182 79.6 47.2 141.6

145 37.6 13.8 41.4





#95

Naphthalene

Concen: 0.364 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

30573

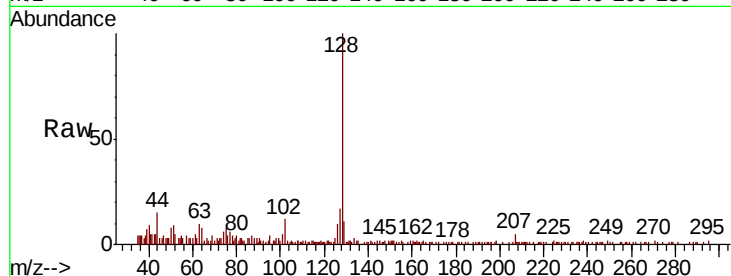
Tot Ion:128 Resp: 10724

Ion Ratio Lower Upper

128 100

127 21.4 10.3 15.5#

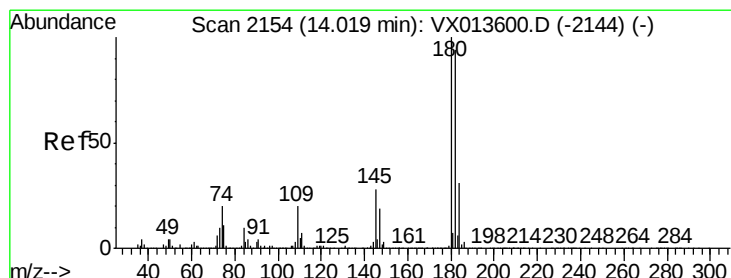
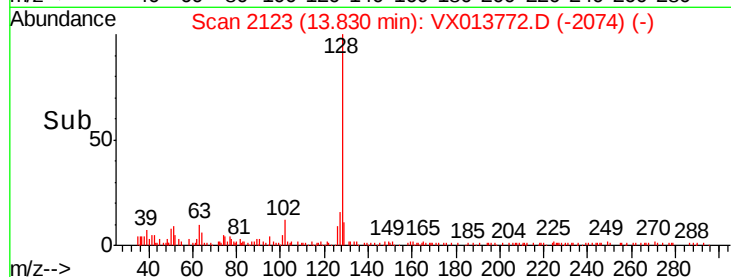
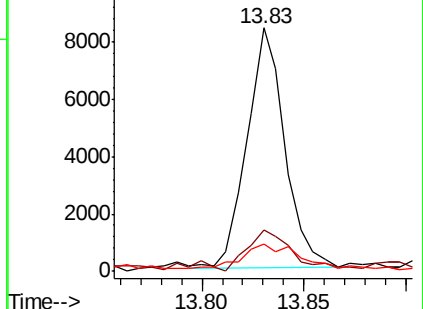
129 17.8 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.253 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX013772.D

Acq: 05 Dec 2019 13:27

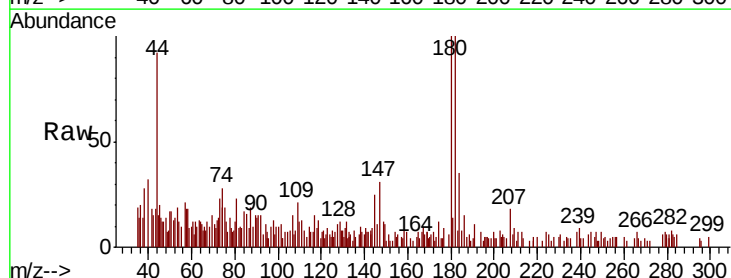
Tgt Ion:180 Resp: 2475

Ion Ratio Lower Upper

180 100

182 79.1 47.6 142.8

145 23.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

