

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015036.D
 Acq On : 27 Feb 2020 10:33
 Operator : JC/SP
 Sample : VX0227WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 11:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	660152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	610541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324820	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	233552	46.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	5.48	113	192402	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	743418	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	274093	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74123	17.512	ug/l	100
3) Chloromethane	1.32	50	92048	19.182	ug/l	99
4) Vinyl Chloride	1.40	62	94507	18.282	ug/l	96
5) Bromomethane	1.64	94	56931	17.014	ug/l	100
6) Chloroethane	1.72	64	61762	18.672	ug/l	97
7) Trichlorofluoromethane	1.92	101	124469	17.233	ug/l	97
8) Diethyl Ether	2.18	74	53163	17.750	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80349	19.165	ug/l	98
10) Methyl Iodide	2.50	142	76370	19.281	ug/l	99
11) Tert butyl alcohol	3.02	59	90560	101.682	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75054	18.320	ug/l	97
13) Acrolein	2.28	56	51277	75.541	ug/l	100
14) Allyl chloride	2.72	41	135695	18.682	ug/l	97
15) Acrylonitrile	3.12	53	232358	102.914	ug/l	99
16) Acetone	2.43	43	258018	88.149	ug/l	99
17) Carbon Disulfide	2.56	76	183218	16.007	ug/l	99
18) Methyl Acetate	2.76	43	111734	21.994	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	256560	19.243	ug/l	97
20) Methylene Chloride	2.84	84	86539	17.834	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	81871	18.111	ug/l	97
22) Diisopropyl ether	3.84	45	280413	20.214	ug/l	97
23) Vinyl Acetate	3.80	43	1158085	101.269	ug/l	99
24) 1,1-Dichloroethane	3.69	63	152053	19.421	ug/l	100
25) 2-Butanone	4.65	43	341023	99.306	ug/l	99
26) 2,2-Dichloropropane	4.57	77	121140	17.954	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	96020	19.002	ug/l	99
28) Bromochloromethane	5.00	49	65282	21.512	ug/l	96
29) Tetrahydrofuran	5.11	42	200585	102.751	ug/l	99
30) Chloroform	5.20	83	151067	19.448	ug/l	98
31) Cyclohexane	5.56	56	131123	18.388	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	124822	18.370	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110569	18.724	ug/l	99
37) Ethyl Acetate	4.81	43	124992	20.294	ug/l	100
38) Carbon Tetrachloride	5.77	117	106424	18.493	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	132838	17.987	ug/l	98
40) Benzene	6.13	78	343749	19.483	ug/l	98
41) Methacrylonitrile	5.02	41	68015	20.499	ug/l	98
42) 1,2-Dichloroethane	6.17	62	119283	18.705	ug/l	98
43) Isopropyl Acetate	6.43	43	199524	19.638	ug/l	100
44) Trichloroethene	7.20	130	97451	19.026	ug/l	97
45) 1,2-Dichloropropane	7.50	63	88064	19.571	ug/l	99
46) Dibromomethane	7.65	93	57914	18.829	ug/l	98
47) Bromodichloromethane	7.89	83	115966	19.015	ug/l	99
48) Methyl methacrylate	7.76	41	98793	19.758	ug/l	98
49) 1,4-Dioxane	7.73	88	38926	416.375	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	634538	103.430	ug/l	99
52) Toluene	8.78	92	215752	19.253	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	128446	19.218	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	138952	18.819	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88610	19.544	ug/l	98
56) Ethyl methacrylate	9.17	69	135768	19.923	ug/l	97
57) 1,3-Dichloropropane	9.36	76	150810	19.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	346986	97.358	ug/l	98
59) 2-Hexanone	9.48	43	501085	103.913	ug/l	99
60) Dibromochloromethane	9.57	129	93659	19.196	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93227	19.057	ug/l	100
64) Tetrachloroethene	9.33	164	96707	16.941	ug/l	98
65) Chlorobenzene	10.13	112	237693	19.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	87934	19.559	ug/l	100
67) Ethyl Benzene	10.25	91	410204	19.478	ug/l	100
68) m/p-Xylenes	10.35	106	315414	38.877	ug/l	99
69) o-Xylene	10.69	106	149641	19.187	ug/l	98
70) Styrene	10.71	104	261343	19.808	ug/l	99
71) Bromoform	10.85	173	70939	18.904	ug/l #	100
73) Isopropylbenzene	11.01	105	411396	20.196	ug/l	100
74) N-amyl acetate	10.89	43	167813	19.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	136867	20.555	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	152103	25.895	ug/l	94
77) Bromobenzene	11.25	156	108452	19.075	ug/l	99
78) n-propylbenzene	11.35	91	468222	19.874	ug/l	100
79) 2-Chlorotoluene	11.42	91	275139	19.865	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	341044	20.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41751	18.194	ug/l	96
82) 4-Chlorotoluene	11.51	91	321948	19.628	ug/l	99
83) tert-Butylbenzene	11.76	119	331382	20.561	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	344599	20.090	ug/l	100
85) sec-Butylbenzene	11.94	105	397372	19.846	ug/l	100
86) p-Isopropyltoluene	12.06	119	375029	20.016	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193429	18.964	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199438	19.148	ug/l	99
89) n-Butylbenzene	12.39	91	327807	19.535	ug/l	99
90) Hexachloroethane	12.59	117	64552	19.728	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	191491	19.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28528	18.262	ug/l	97

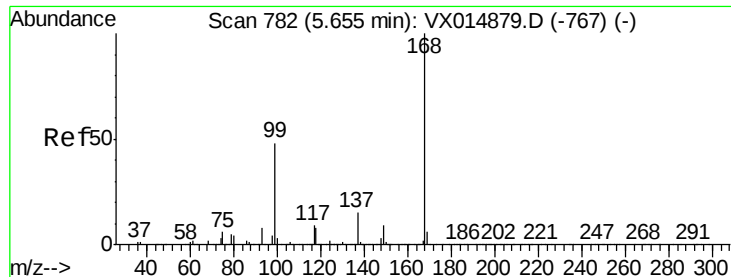
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139027	18.831	ug/l	97
94) Hexachlorobutadiene	13.78	225	70786	19.823	ug/l	98
95) Naphthalene	13.83	128	387512	19.741	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	135018	18.929	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

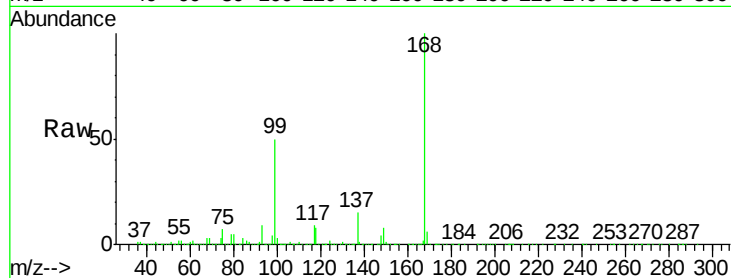
ClientSampleId :

Tot Ion:168 Resp: 446950

Ion Ratio Lower Upper

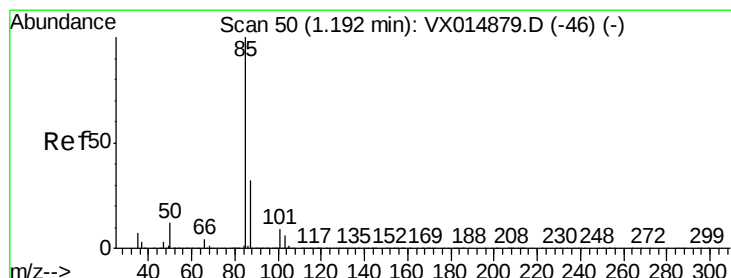
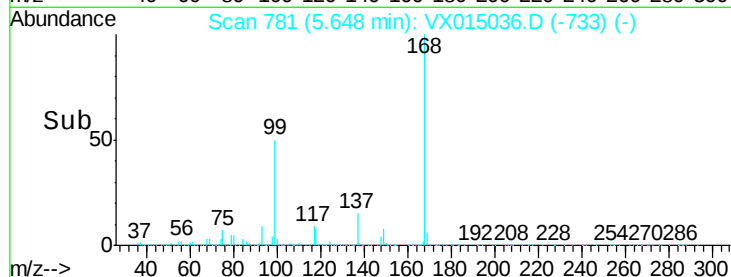
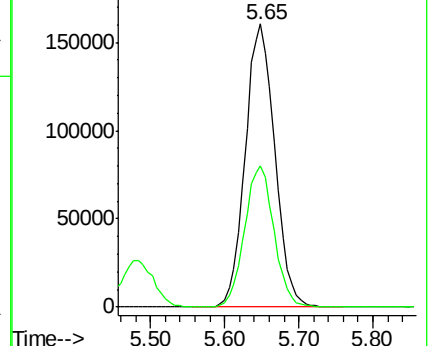
168 100

99 49.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.512 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015036.D

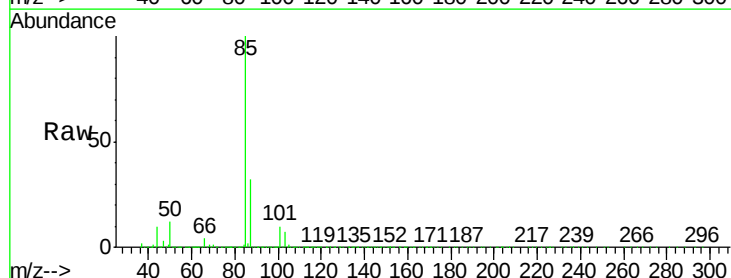
Acq: 27 Feb 2020 10:33

Tgt Ion: 85 Resp: 74123

Ion Ratio Lower Upper

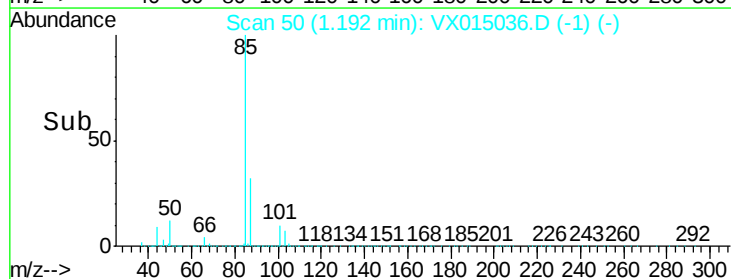
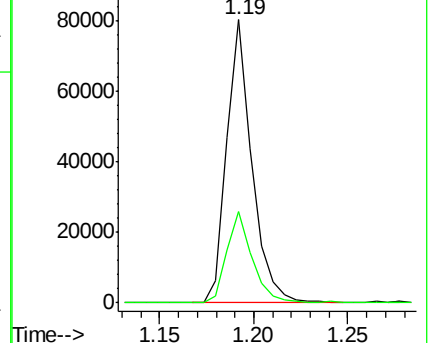
85 100

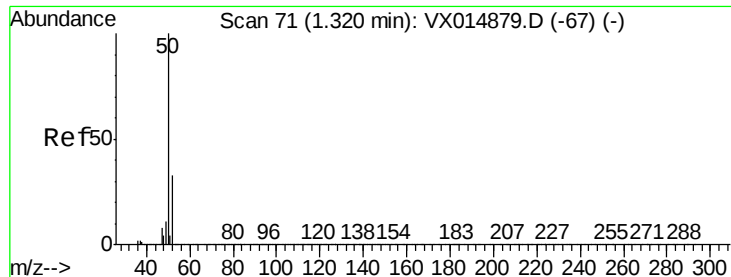
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

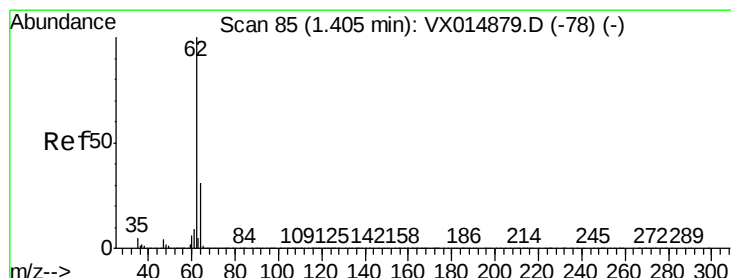
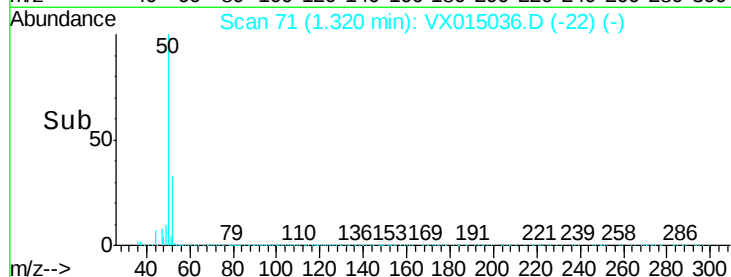
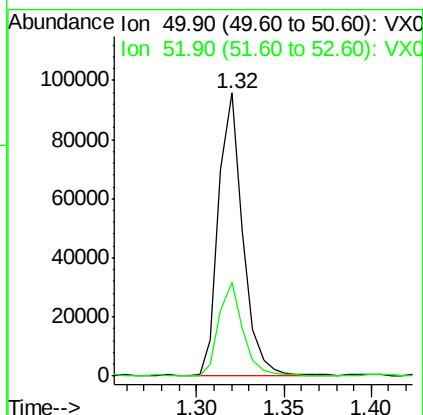
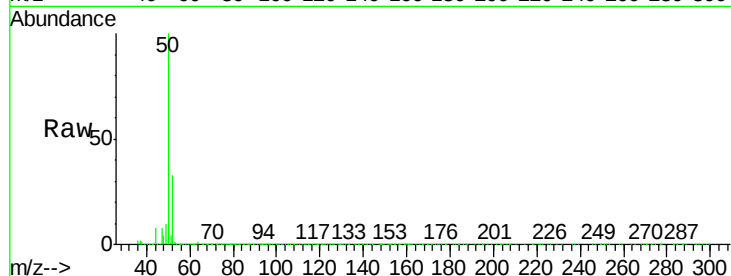




#3
Chloromethane
Concen: 19.182 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

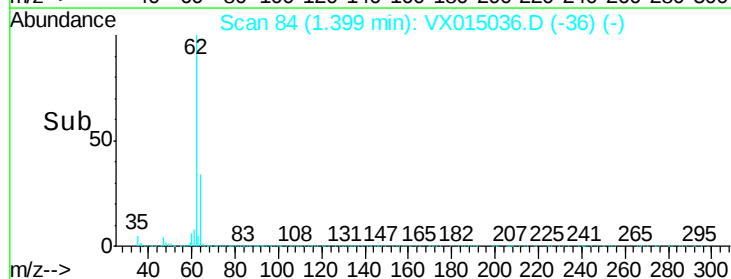
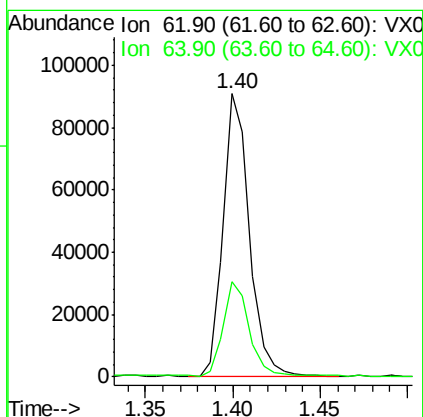
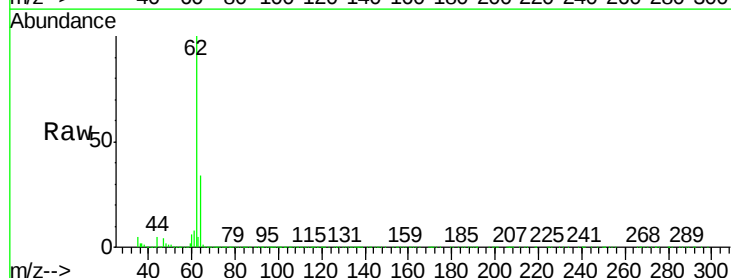
Instrument :
MSVOA_X
ClientSampleId :

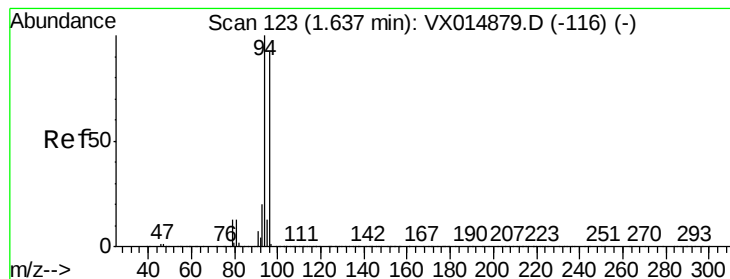
Tot Ion: 50 Resp: 92048
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.2



#4
Vinyl Chloride
Concen: 18.282 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 62 Resp: 94507
Ion Ratio Lower Upper
62 100
64 33.4 24.8 37.2





#5

Bromomethane

Concen: 17.014 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

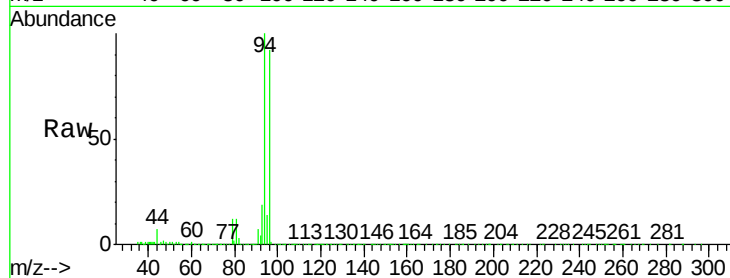
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 56931

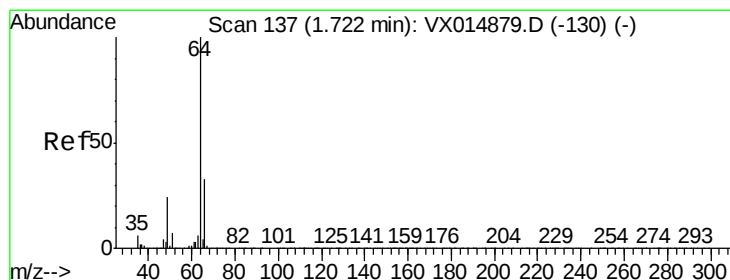
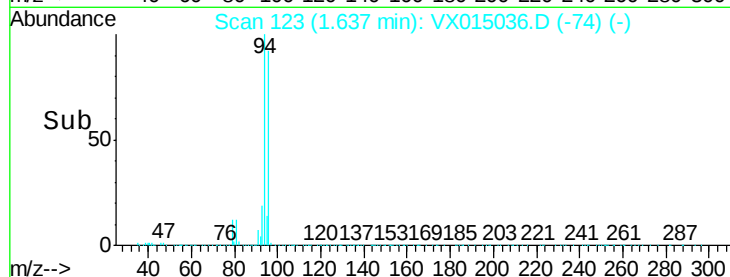
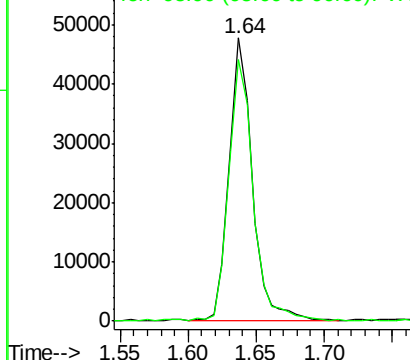
Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.672 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015036.D

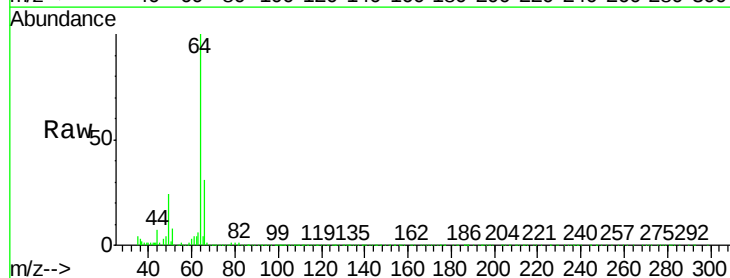
Acq: 27 Feb 2020 10:33

Tgt Ion: 64 Resp: 61762

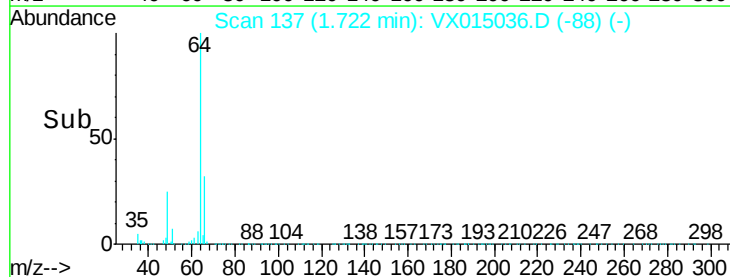
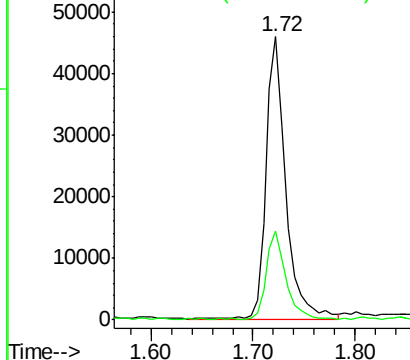
Ion Ratio Lower Upper

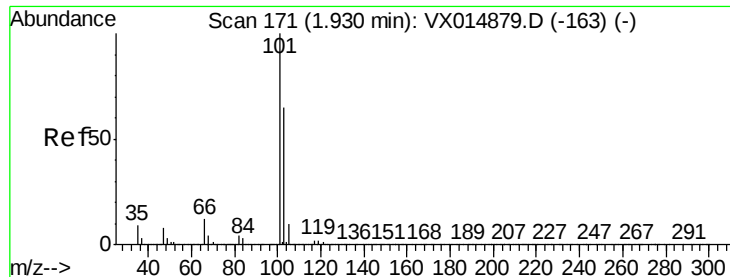
64 100

66 31.1 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



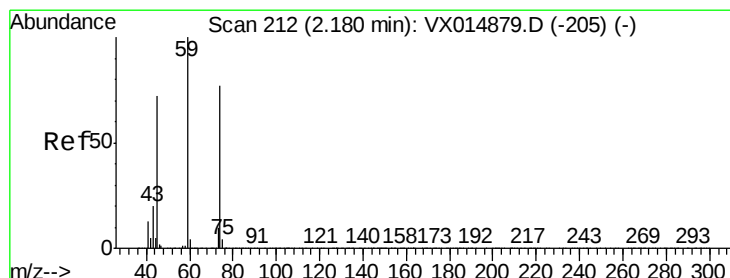
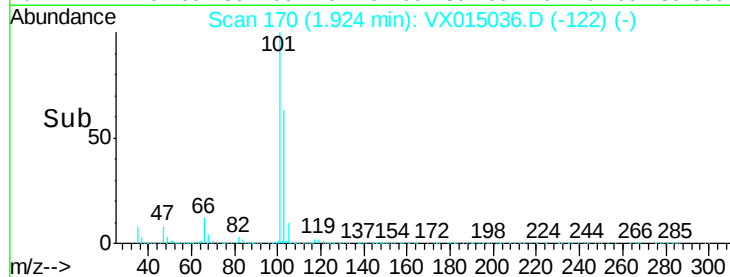
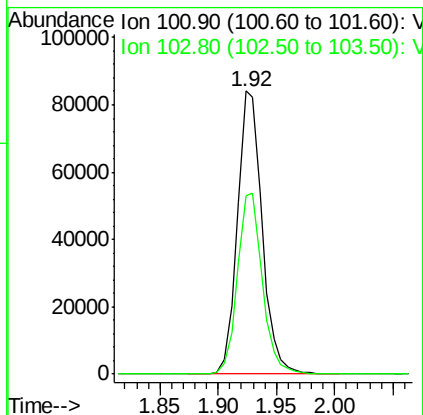
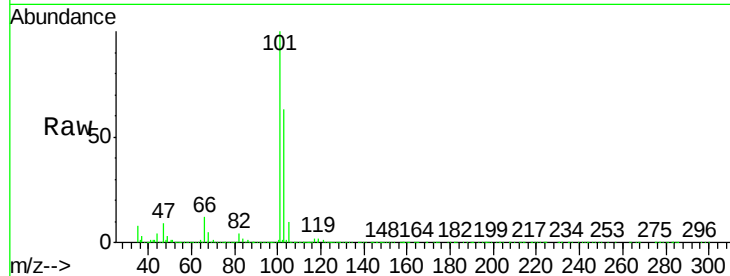


#7

Trichlorofluoromethane
Concen: 17.233 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :

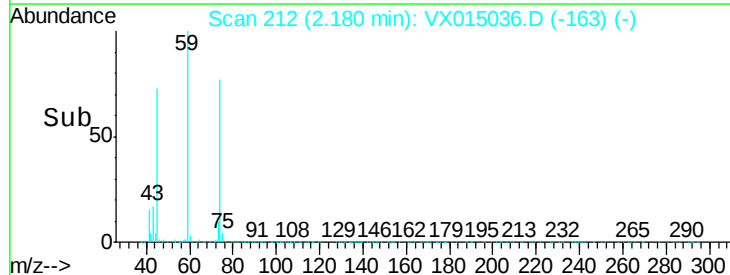
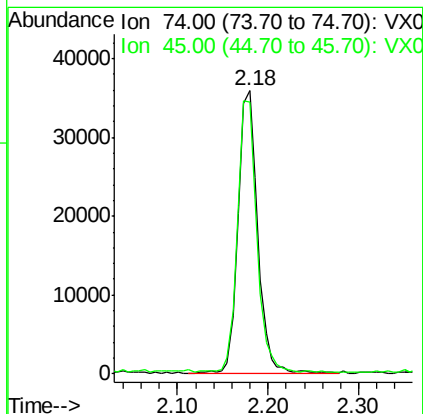
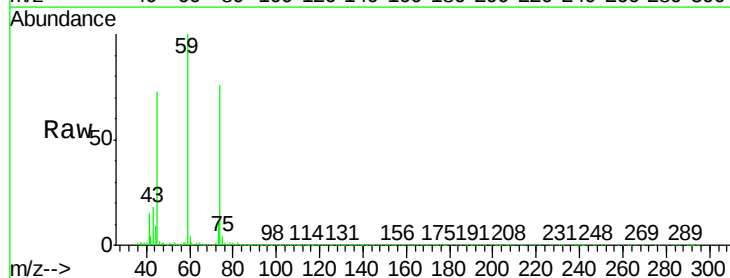
Tot Ion:101 Resp: 124469
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.4

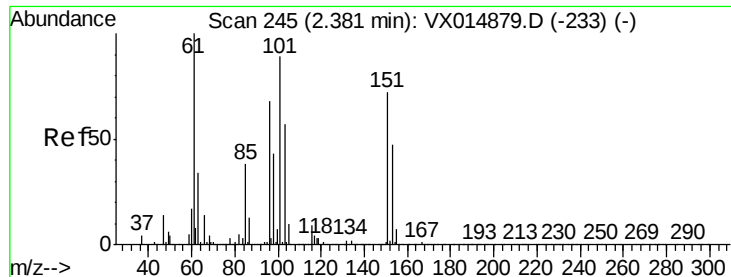


#8

Diethyl Ether
Concen: 17.750 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 74 Resp: 53163
Ion Ratio Lower Upper
74 100
45 96.6 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.165 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

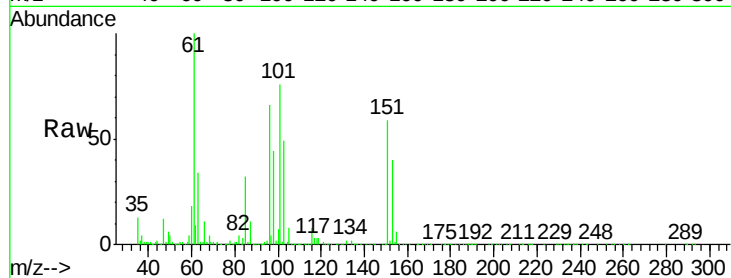
Tot Ion:101 Resp: 80349

Ion Ratio Lower Upper

101 100

85 42.4 34.1 51.1

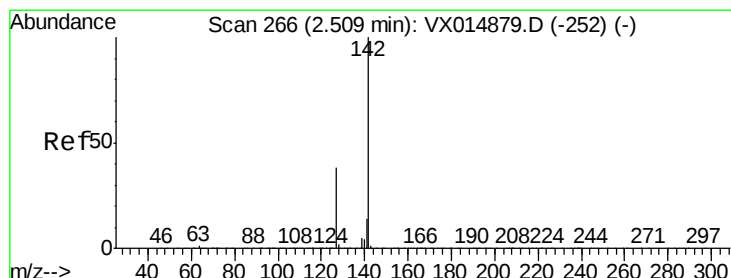
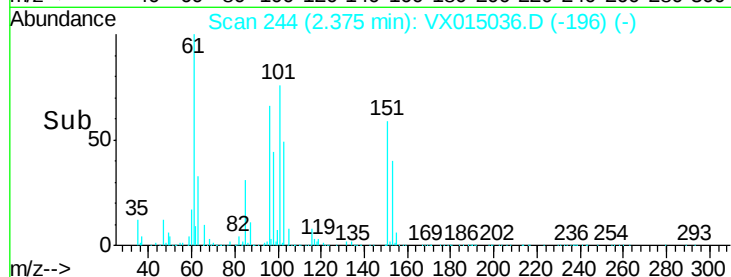
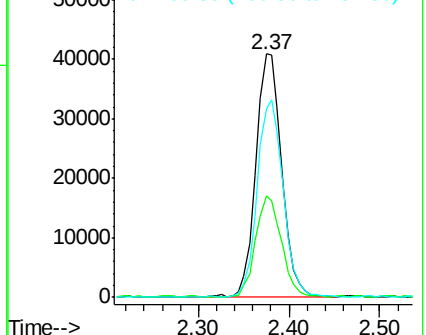
151 82.0 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.281 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

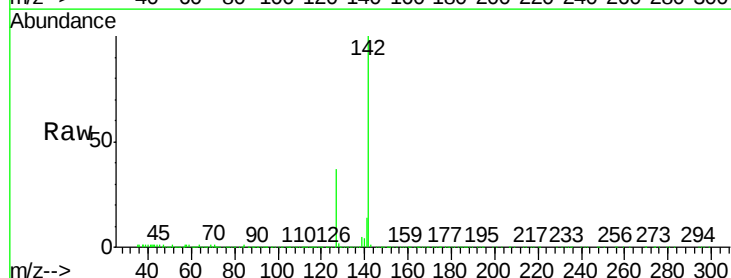
Tgt Ion:142 Resp: 76370

Ion Ratio Lower Upper

142 100

127 38.6 31.1 46.7

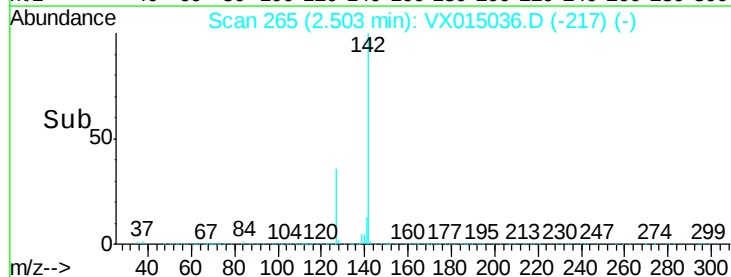
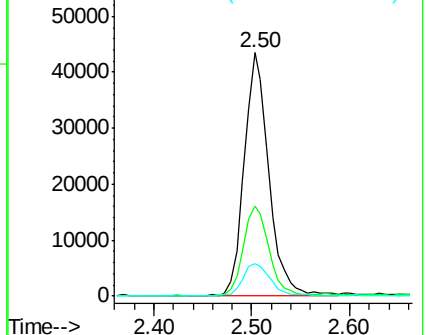
141 15.4 11.3 16.9

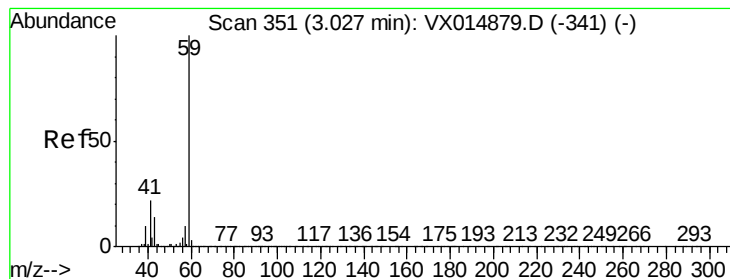


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



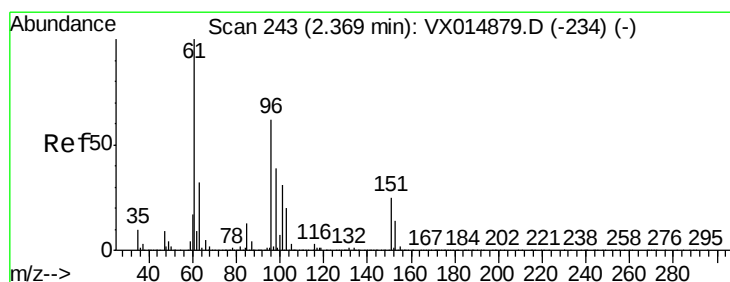
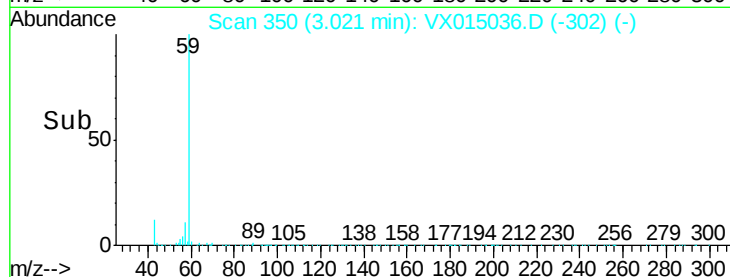
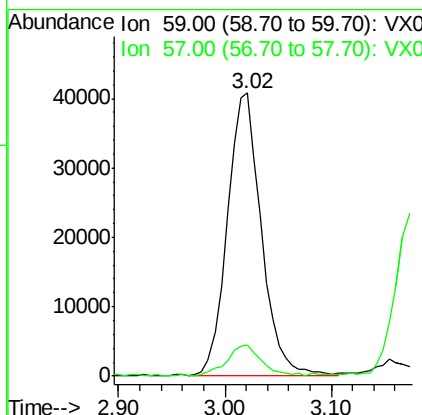
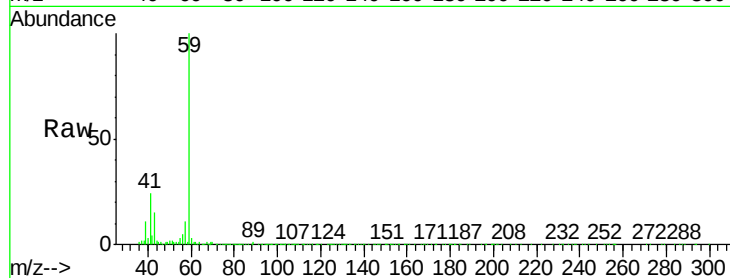


#11

Tert butyl alcohol
Concen: 101.682 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :

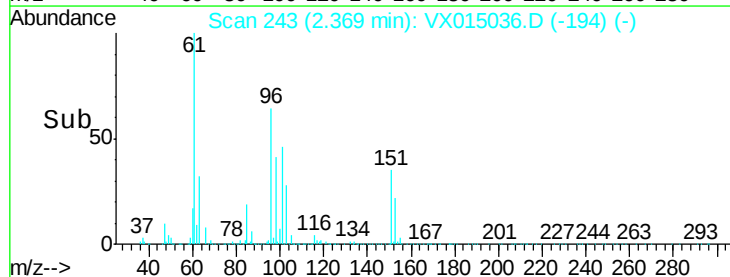
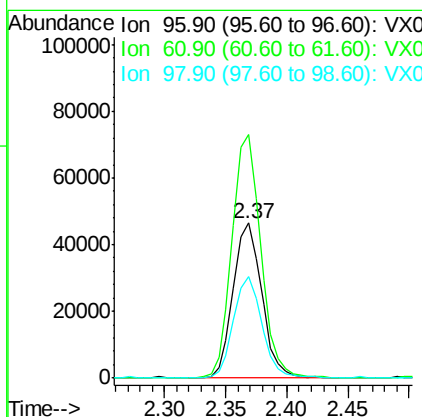
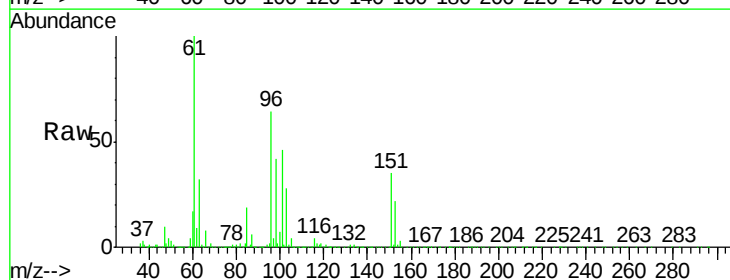
Tot Ion: 59 Resp: 90560
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4

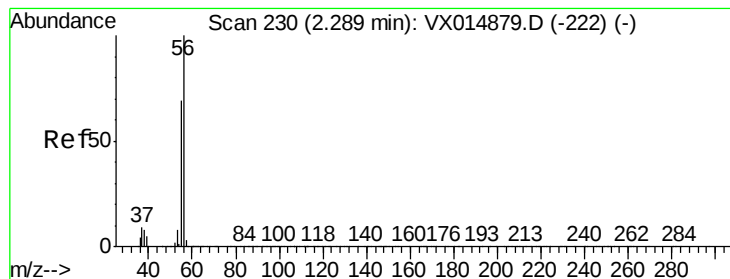


#12

1,1-Dichloroethene
Concen: 18.320 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 96 Resp: 75054
Ion Ratio Lower Upper
96 100
61 157.3 129.5 194.3
98 65.2 50.6 76.0





#13

Acrolein

Concen: 75.541 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

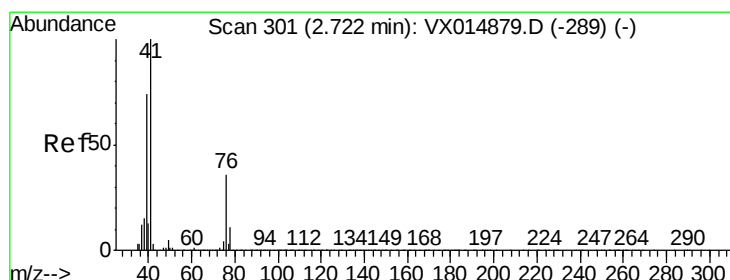
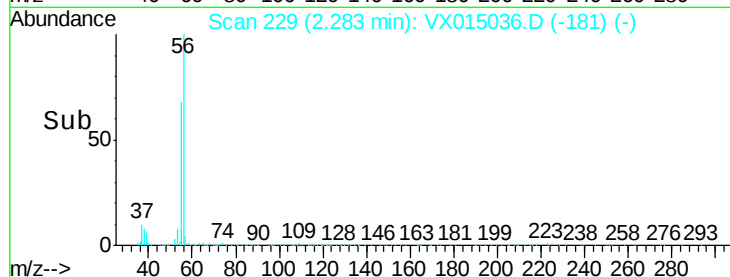
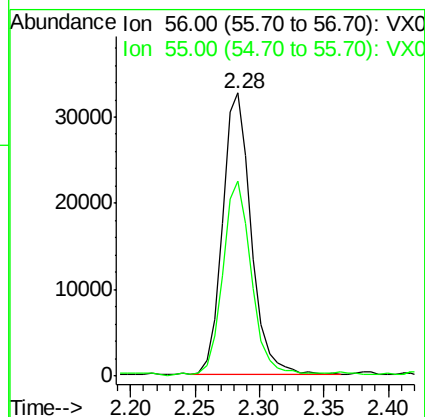
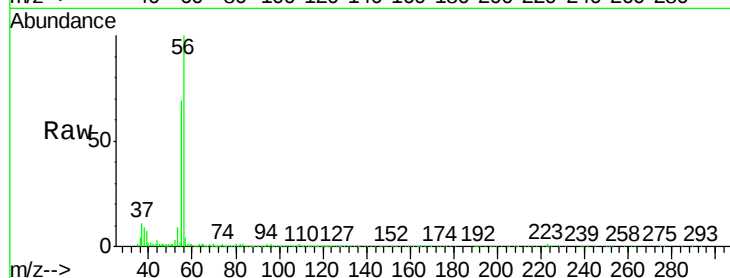
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 51277

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.4



#14

Allyl chloride

Concen: 18.682 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

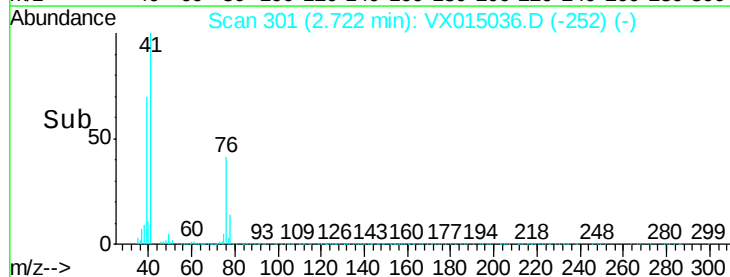
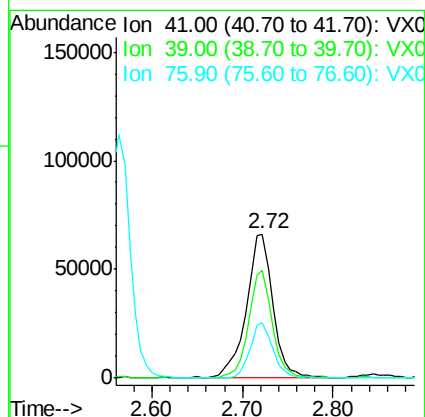
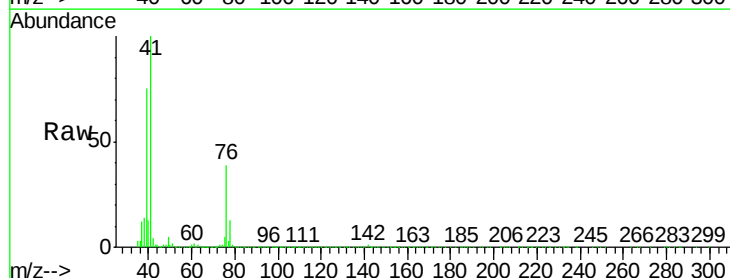
Tgt Ion: 41 Resp: 135695

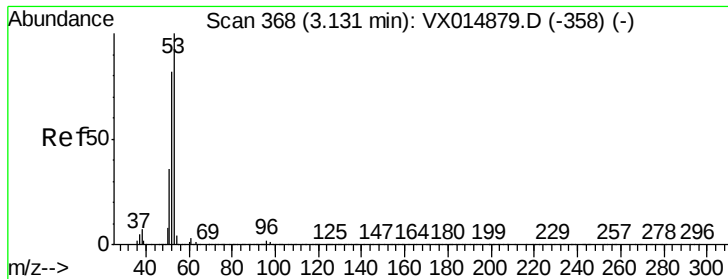
Ion Ratio Lower Upper

41 100

39 66.0 55.2 82.8

76 32.6 26.8 40.2





#15

Acrylonitrile

Concen: 102.914 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

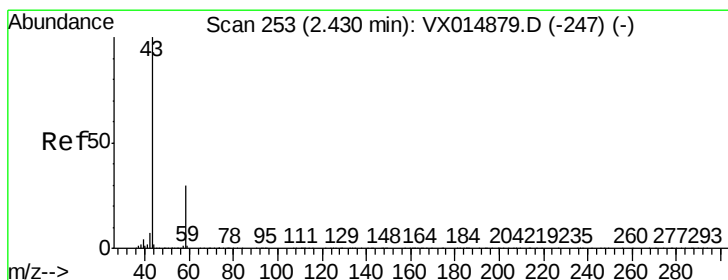
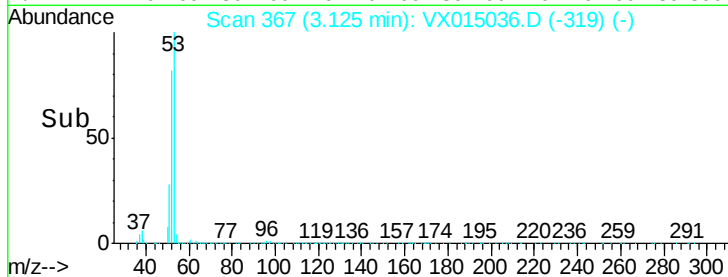
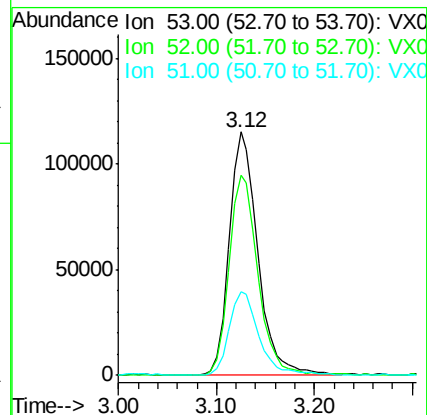
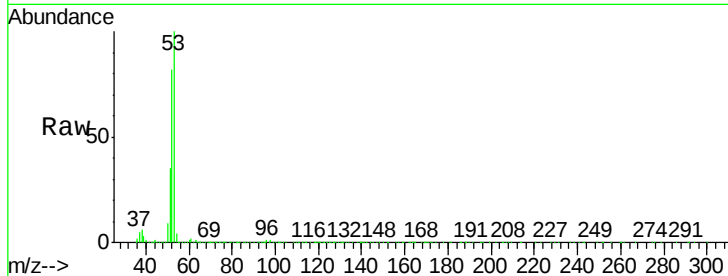
Tot Ion: 53 Resp: 232358

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.6

51 35.6 29.1 43.7



#16

Acetone

Concen: 88.149 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015036.D

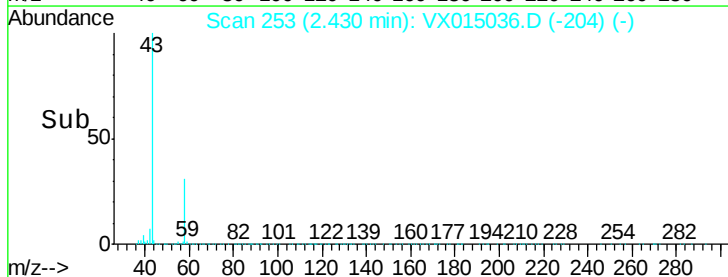
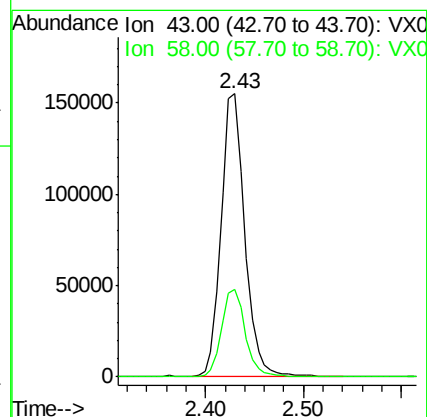
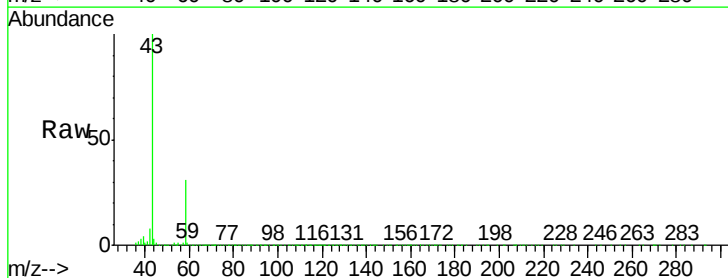
Acq: 27 Feb 2020 10:33

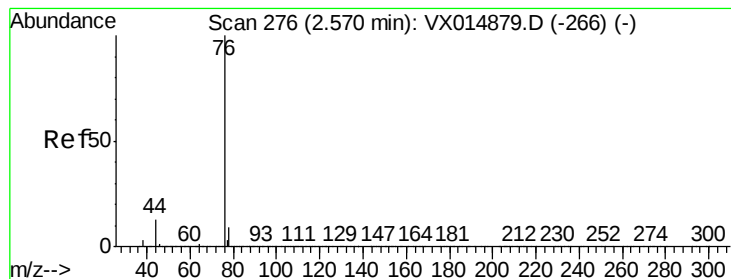
Tgt Ion: 43 Resp: 258018

Ion Ratio Lower Upper

43 100

58 30.9 24.1 36.1





#17

Carbon Disulfide

Concen: 16.007 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

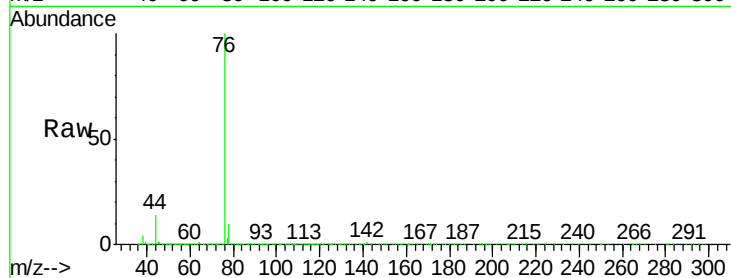
ClientSampleId :

Tot Ion: 76 Resp: 183218

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

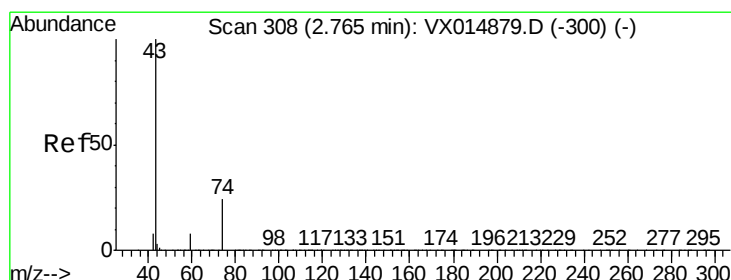
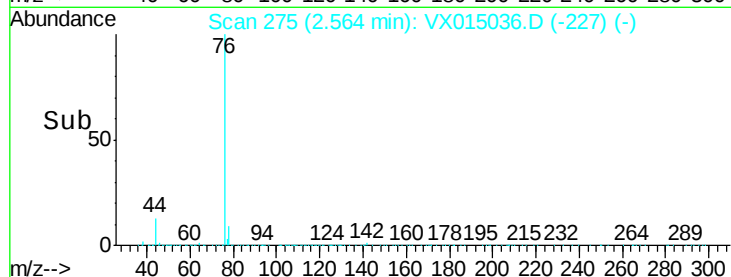
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 21.994 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015036.D

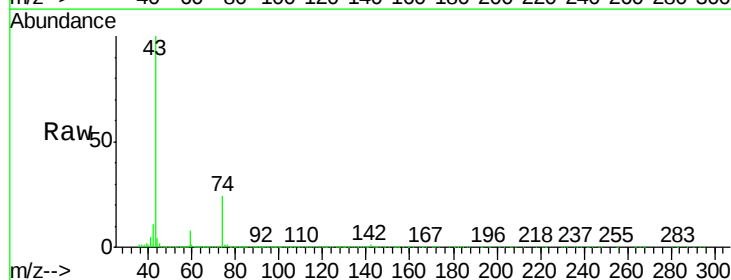
Acq: 27 Feb 2020 10:33

Tgt Ion: 43 Resp: 111734

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

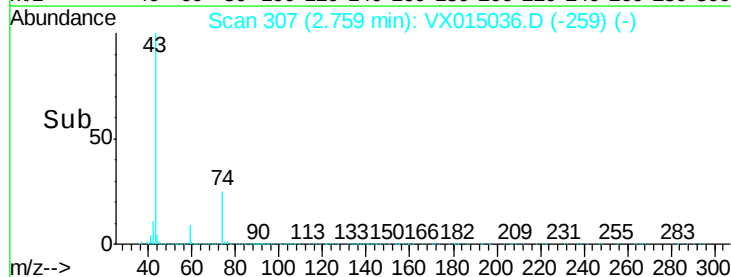
60000

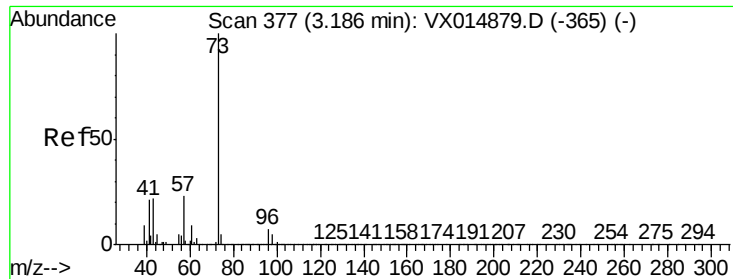
40000

20000

0

Time-->

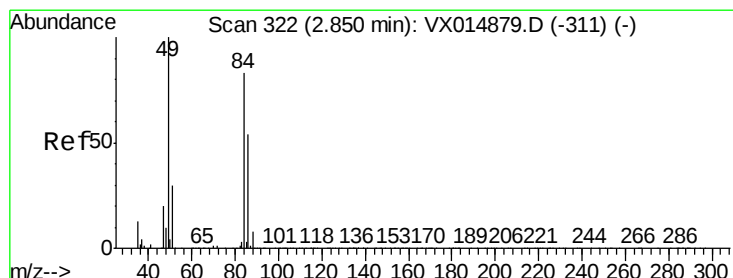
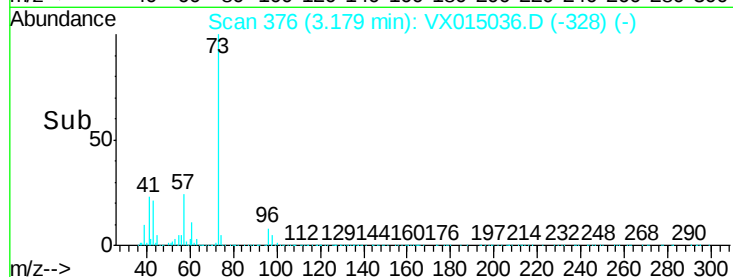
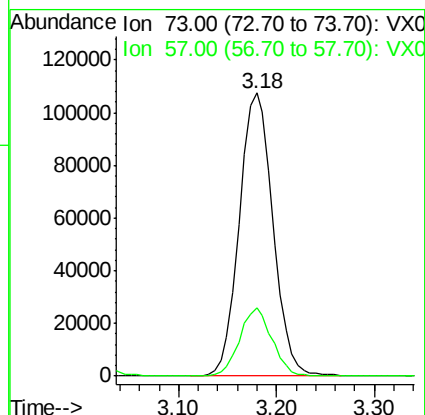
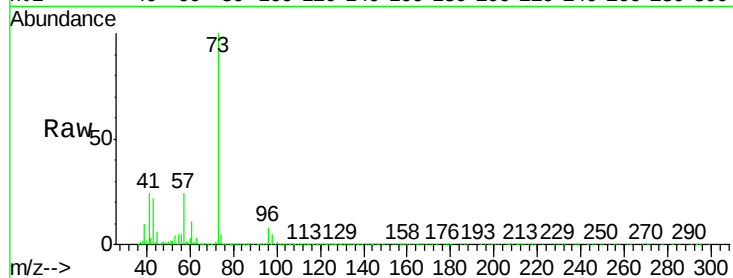




#19
Methvl tert-butvl Ether
Concen: 19.243 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

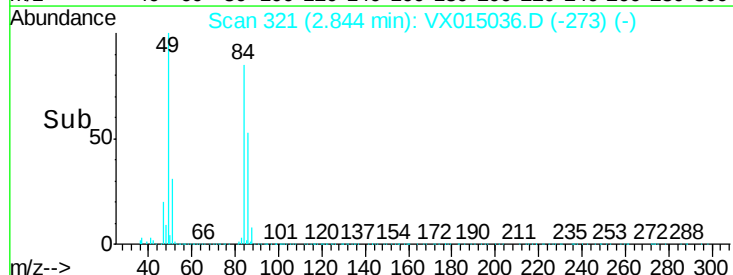
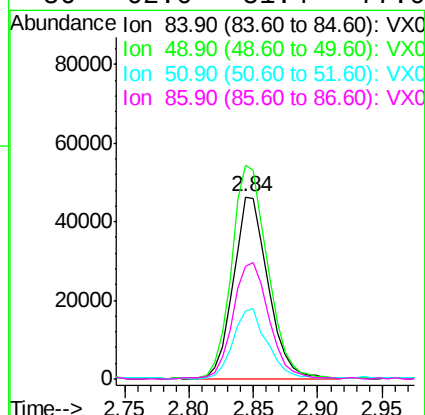
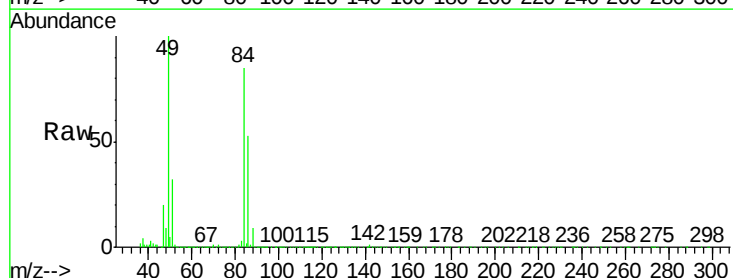
Instrument :
MSVOA_X
ClientSampleId :

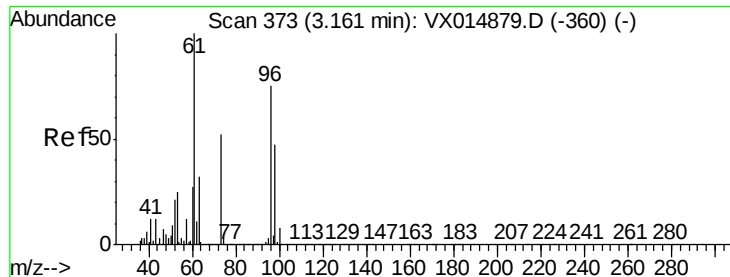
Tot Ion: 73 Resp: 256560
Ion Ratio Lower Upper
73 100
57 24.1 18.2 27.4



#20
Methylene Chloride
Concen: 17.834 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 84 Resp: 86539
Ion Ratio Lower Upper
84 100
49 116.9 95.6 143.4
51 36.9 29.0 43.6
86 62.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.111 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

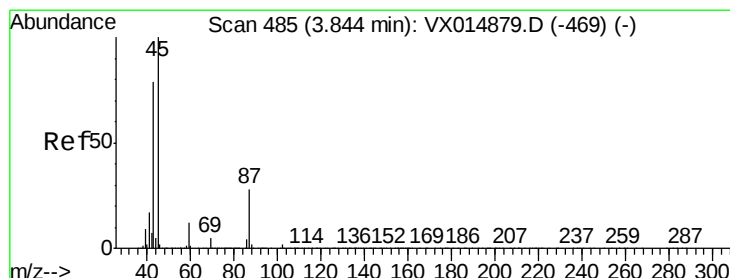
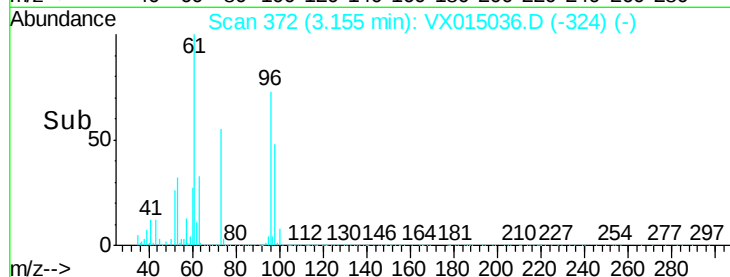
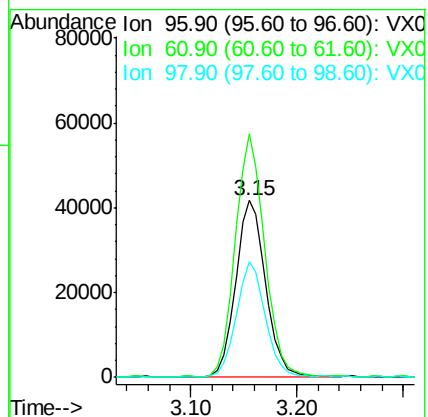
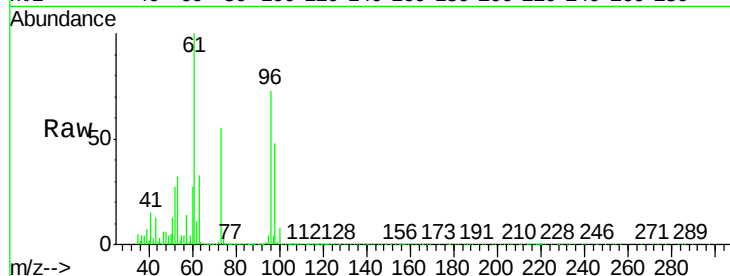
Tot Ion: 96 Resp: 81871

Ion Ratio Lower Upper

96 100

61 137.5 106.9 160.3

98 65.4 50.7 76.1



#22

Diisopropyl ether

Concen: 20.214 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Tgt Ion: 45 Resp: 280413

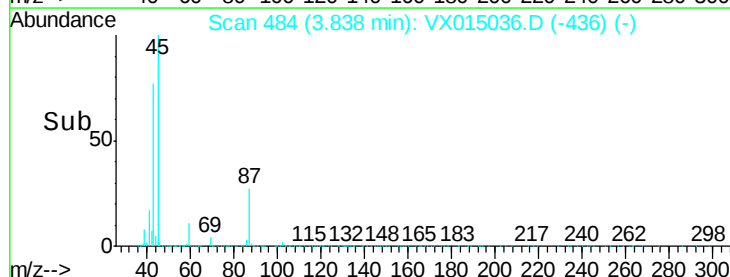
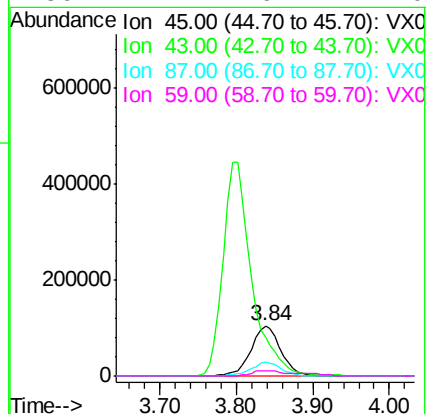
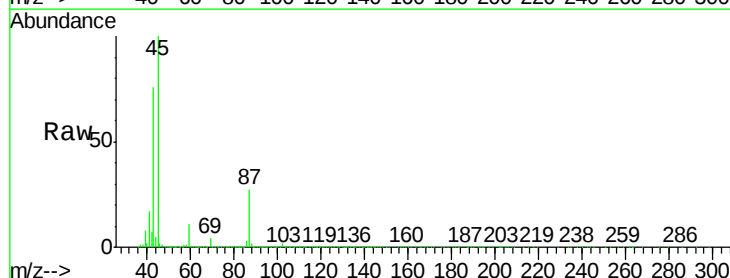
Ion Ratio Lower Upper

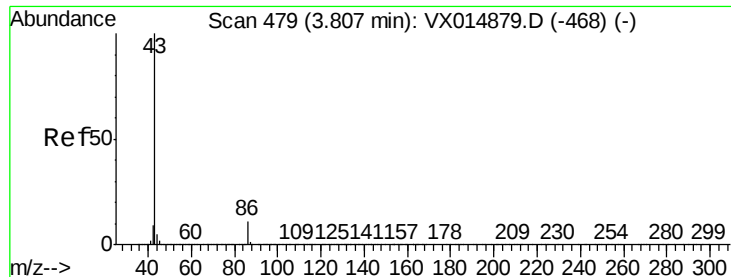
45 100

43 76.2 63.5 95.3

87 27.2 22.2 33.4

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 101.269 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

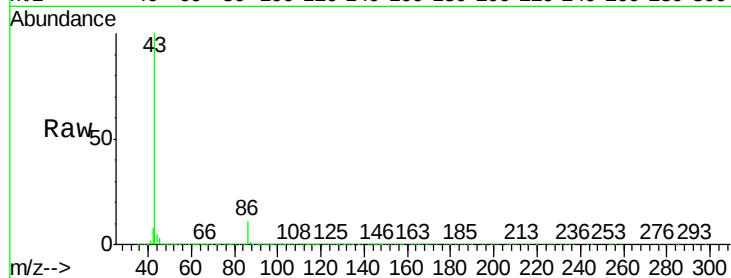
ClientSampleId :

Tot Ion: 43 Resp: 1158085

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

300000

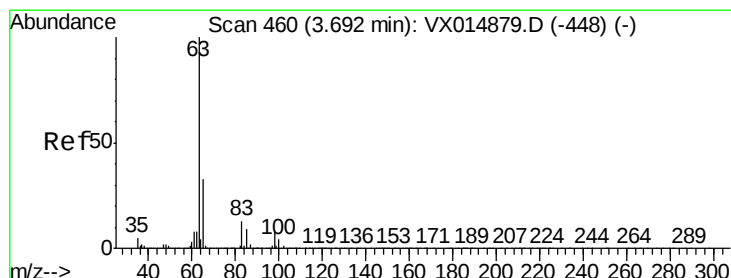
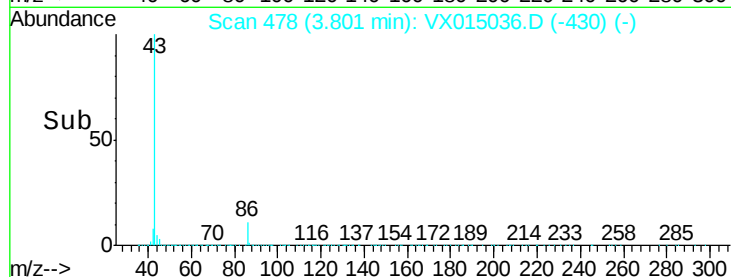
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.421 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

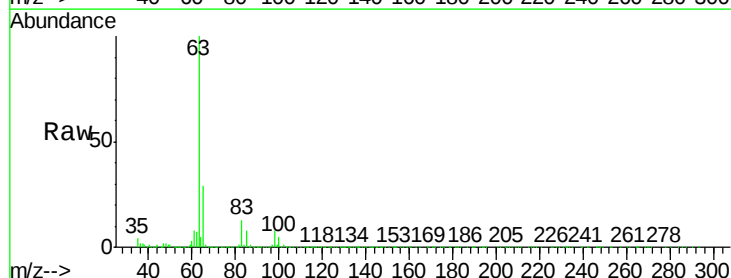
Tgt Ion: 63 Resp: 152053

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

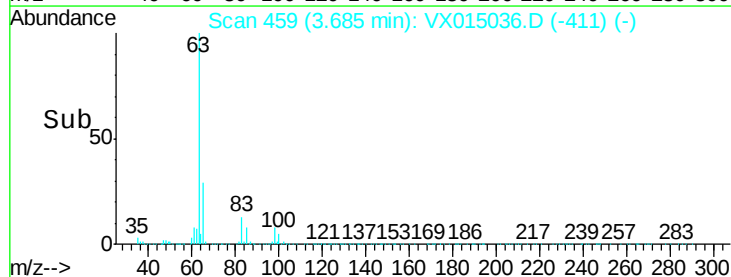
40000

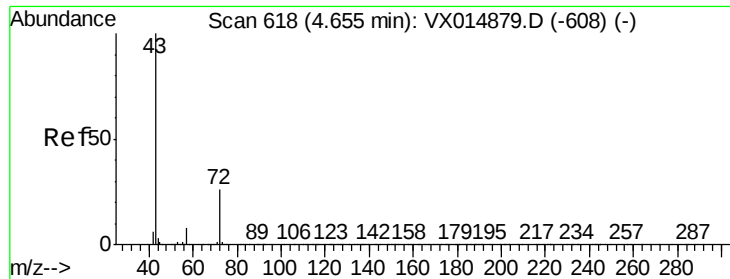
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 99.306 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

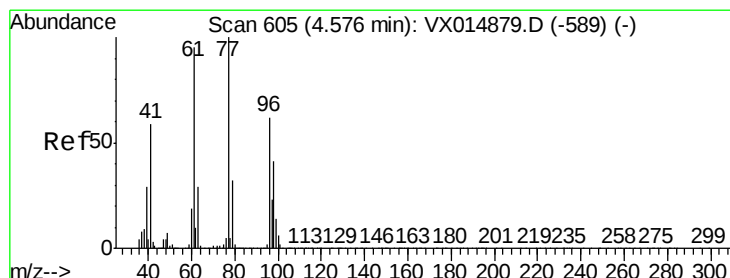
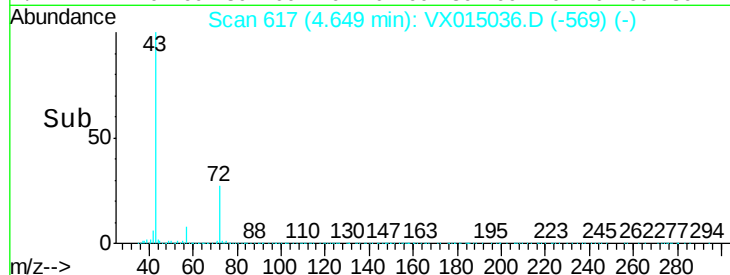
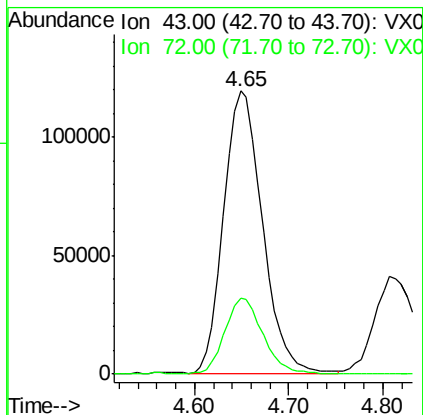
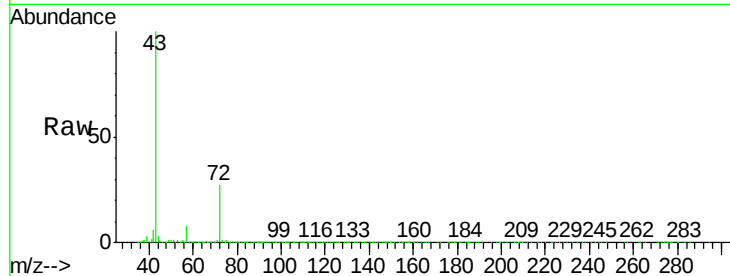
ClientSampleId :

Tot Ion: 43 Resp: 341023

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.954 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015036.D

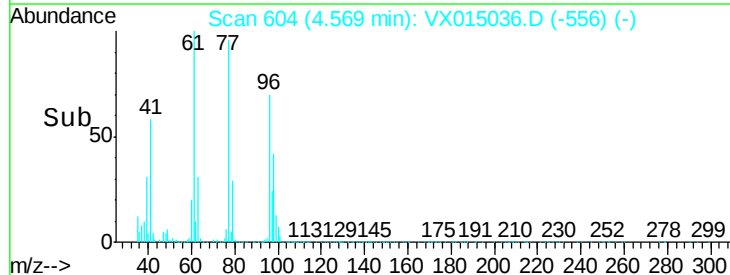
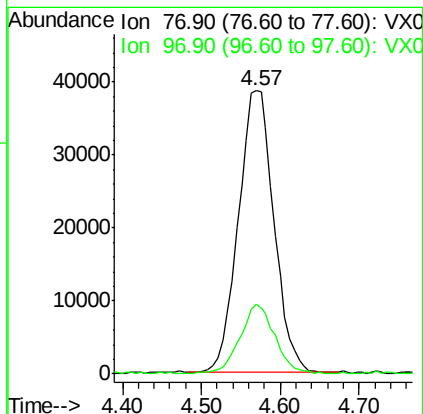
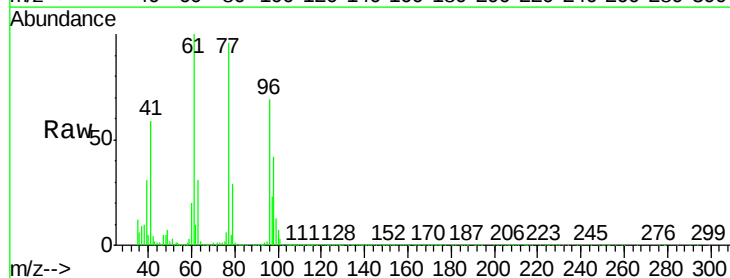
Acq: 27 Feb 2020 10:33

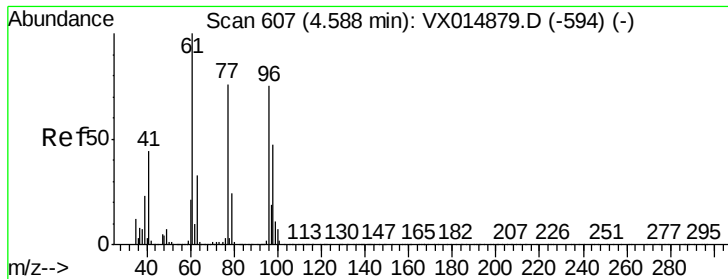
Tgt Ion: 77 Resp: 121140

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5



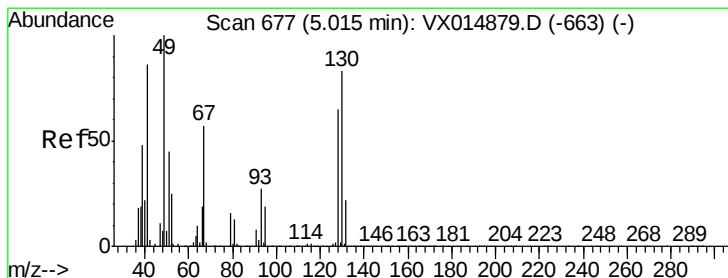
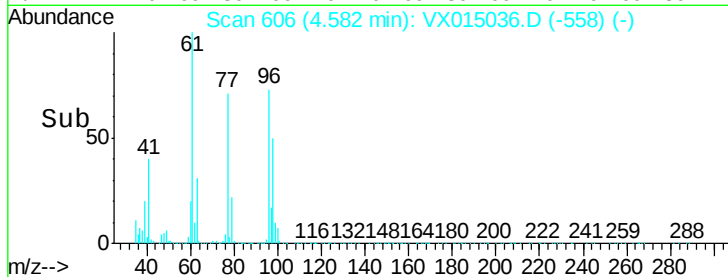
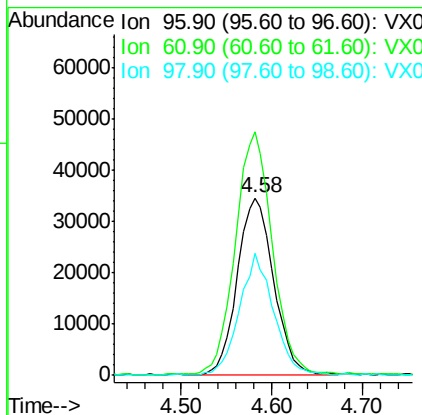
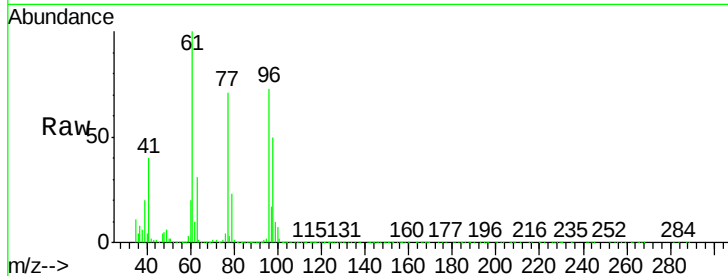


#27

cis-1,2-Dichloroethene
Concen: 19.002 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :

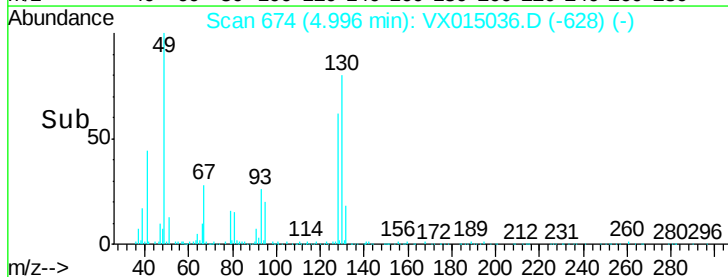
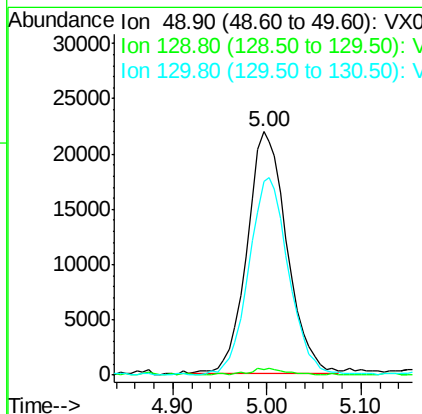
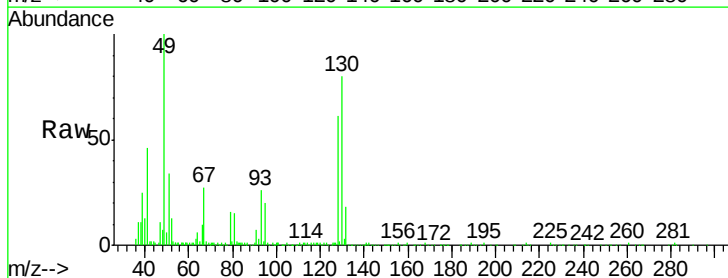
Tot Ion: 96 Resp: 96020
Ion Ratio Lower Upper
96 100
61 141.7 0.0 286.2
98 64.2 0.0 131.0

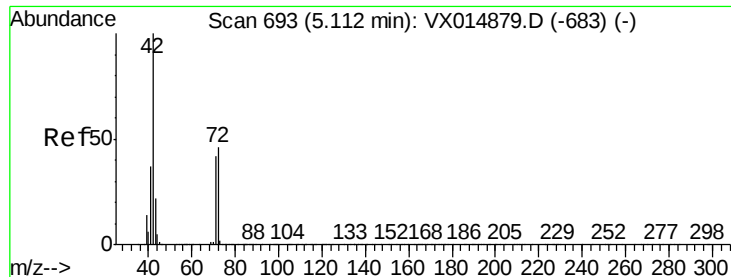


#28

Bromochloromethane
Concen: 21.512 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 49 Resp: 65282
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 80.7 67.4 101.2

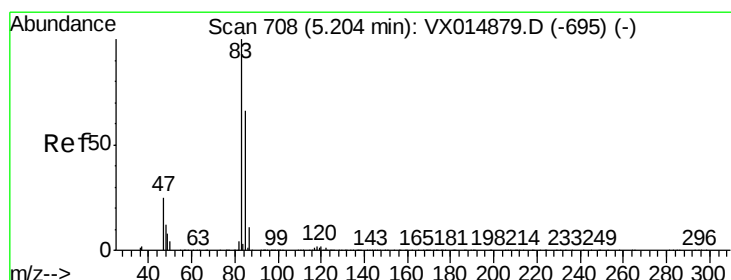
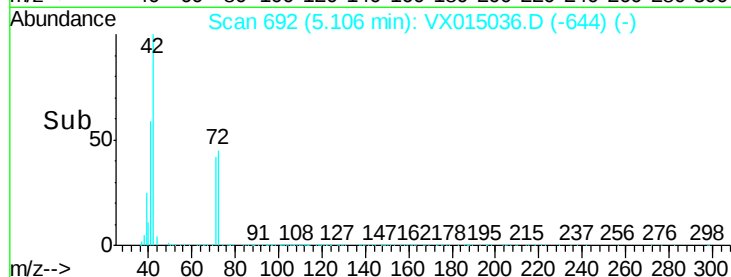
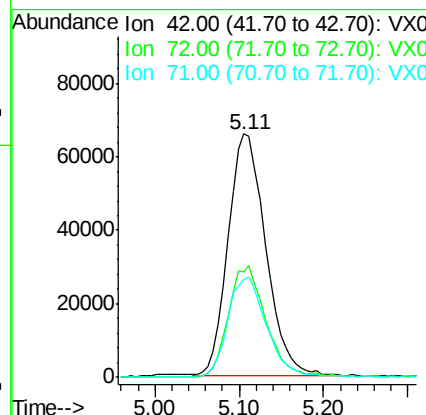
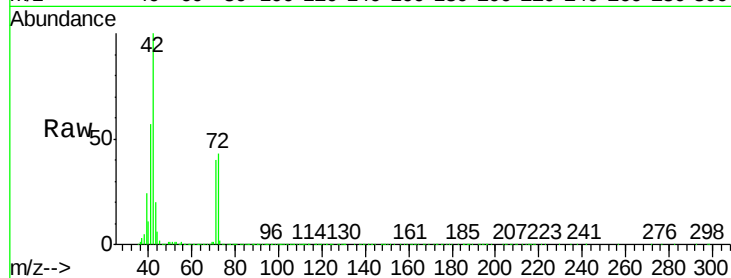




#29
Tetrahydrofuran
Concen: 102.751 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

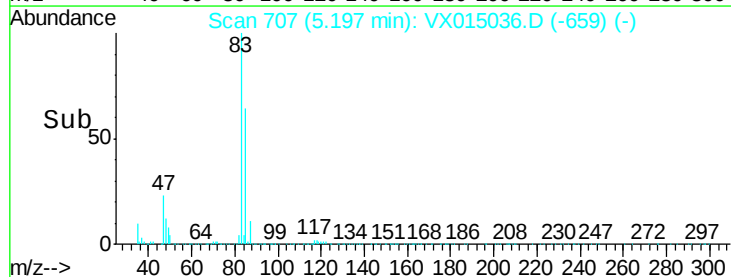
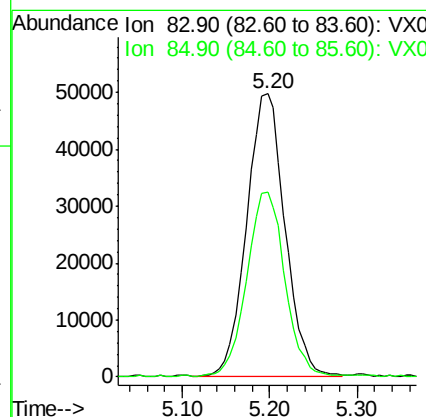
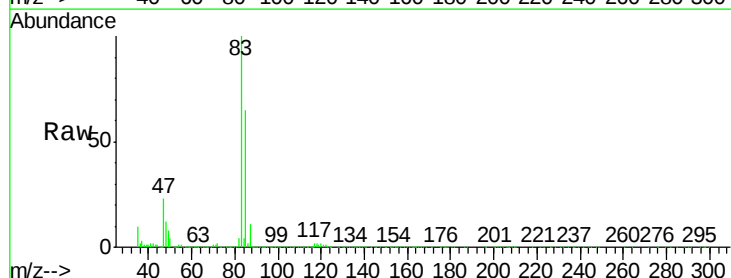
Instrument :
MSVOA_X
ClientSampleId :

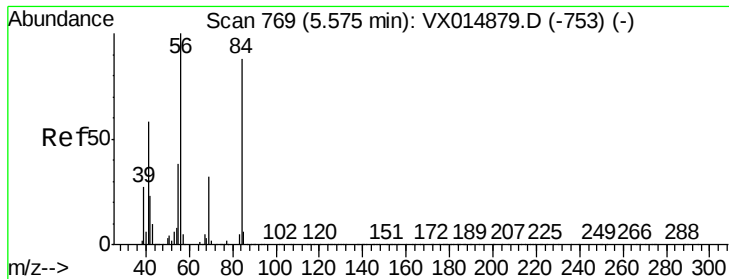
Tot Ion: 42 Resp: 200585
Ion Ratio Lower Upper
42 100
72 46.0 36.9 55.3
71 41.8 34.1 51.1



#30
Chloroform
Concen: 19.448 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 83 Resp: 151067
Ion Ratio Lower Upper
83 100
85 64.9 52.9 79.3

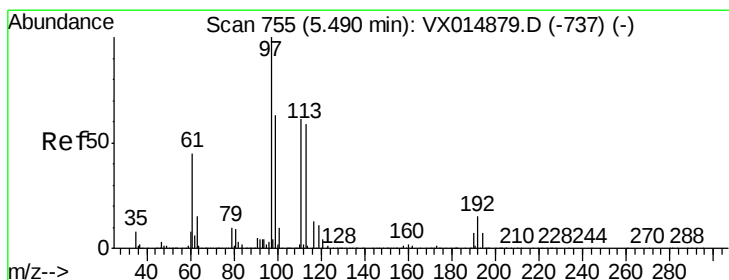
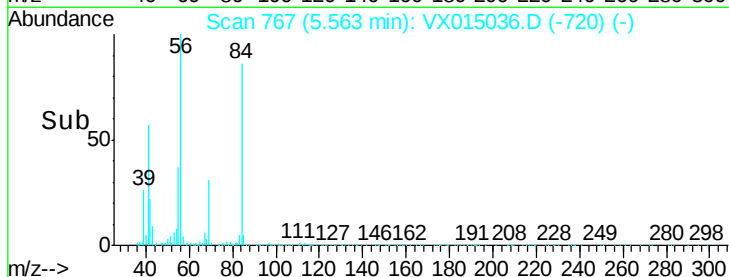
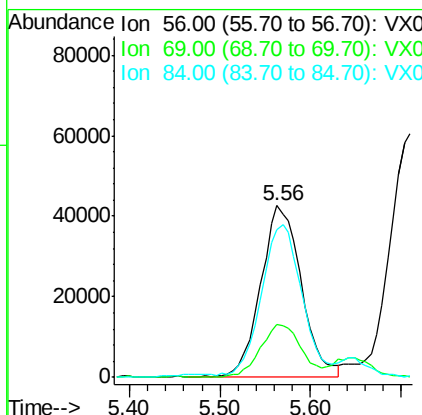
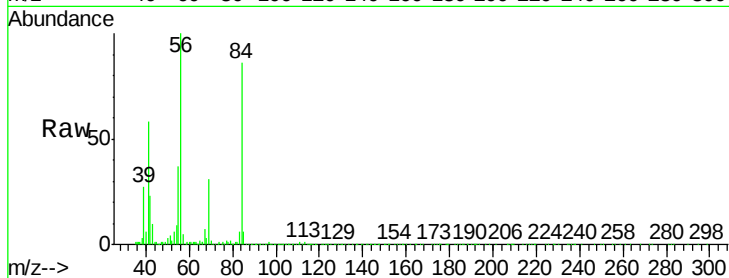




#31
Cyclohexane
Concen: 18.388 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

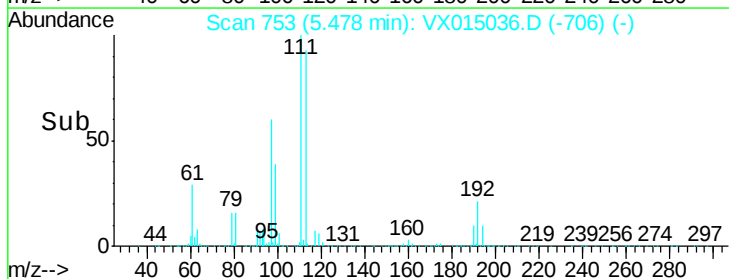
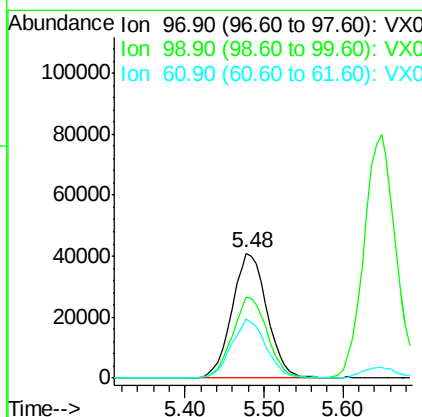
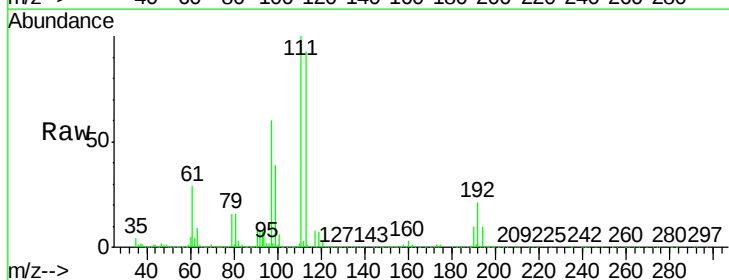
Instrument :
MSVOA_X
ClientSampleId :

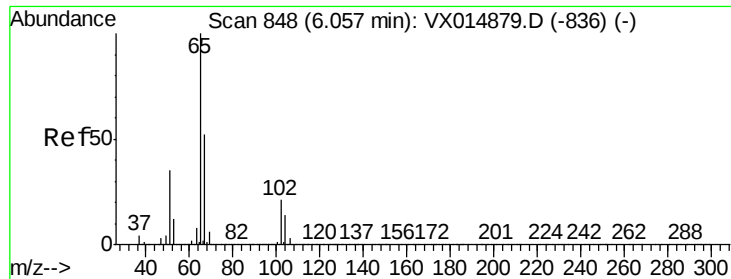
Tot Ion: 56 Resp: 131123
Ion Ratio Lower Upper
56 100
69 30.9 25.9 38.9
84 85.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.370 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 97 Resp: 124822
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 46.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 46.301 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

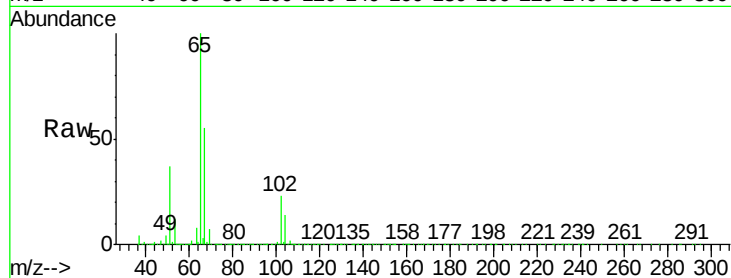
ClientSampleId :

Tot Ion: 65 Resp: 23352

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

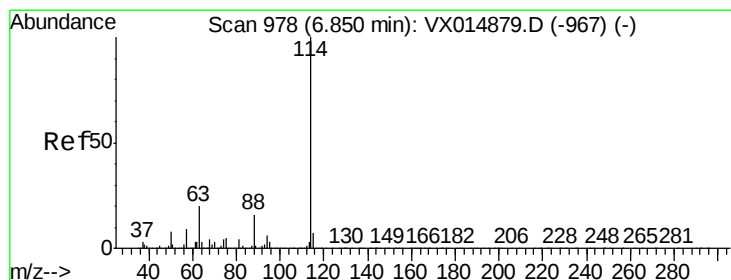
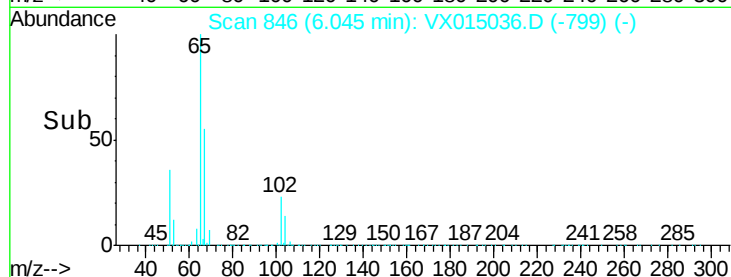
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

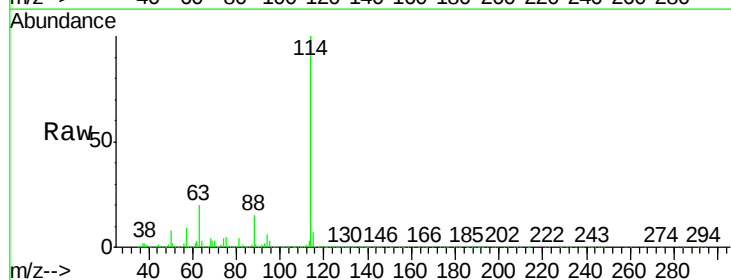
Tgt Ion: 114 Resp: 660152

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

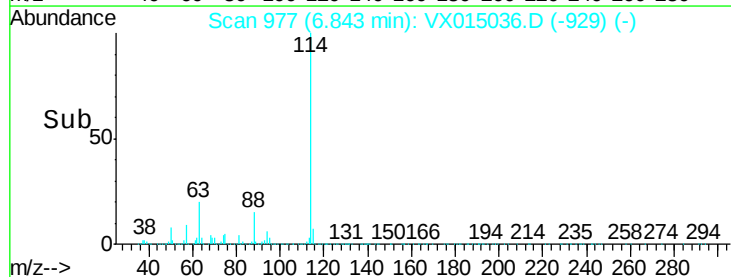
300000

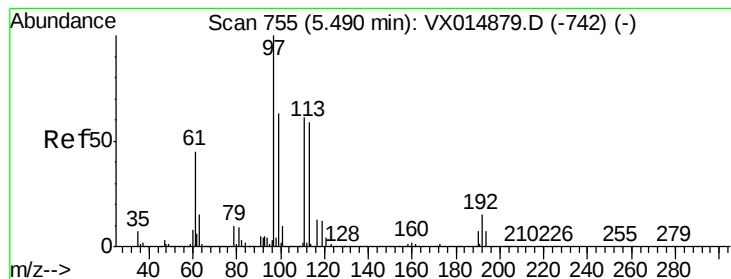
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.408 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

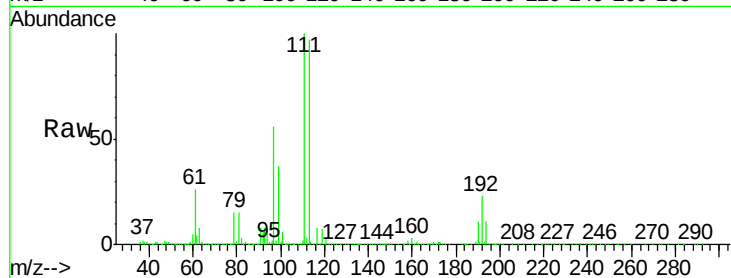
Tot Ion:113 Resp: 192402

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

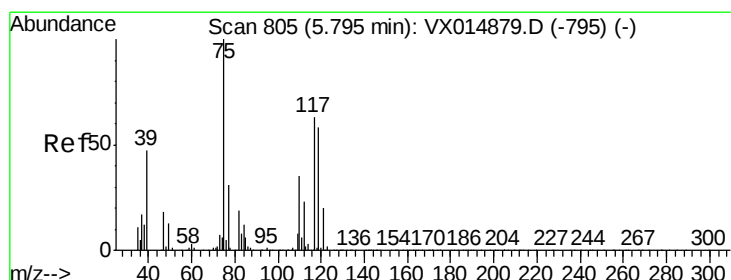
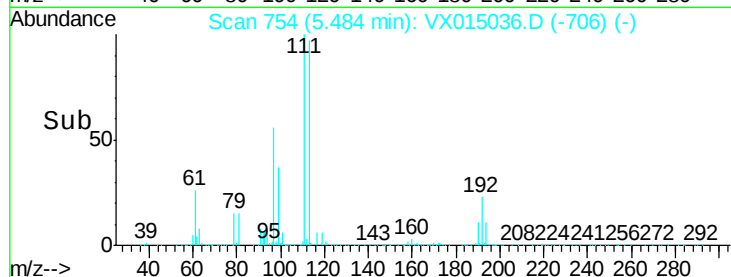
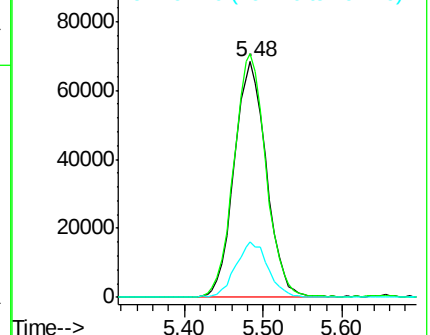
192 24.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.724 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

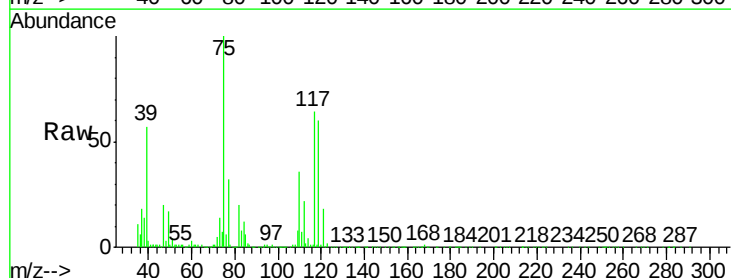
Tgt Ion: 75 Resp: 110569

Ion Ratio Lower Upper

75 100

110 37.6 18.3 54.8

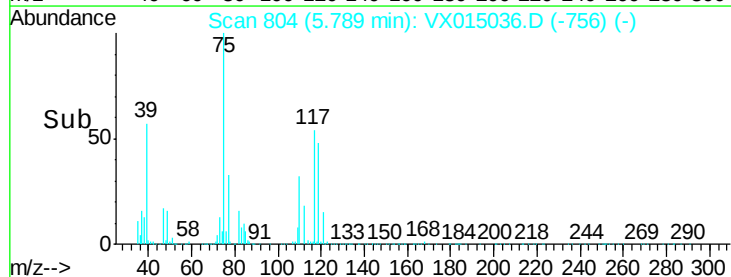
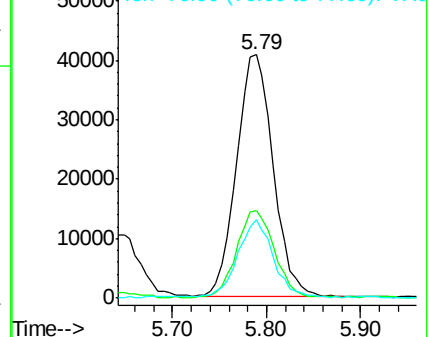
77 30.7 24.6 36.8

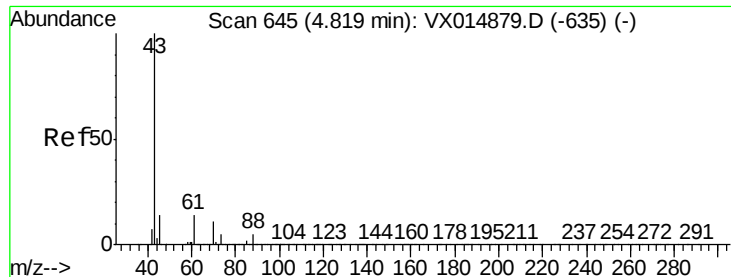


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

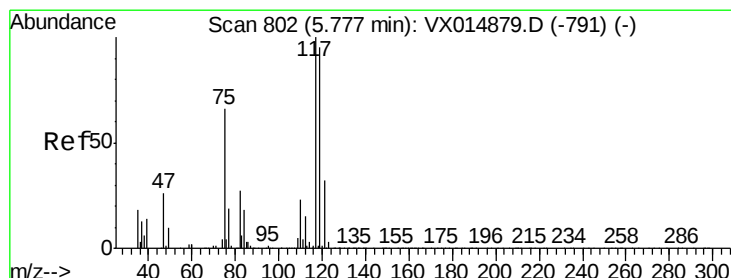
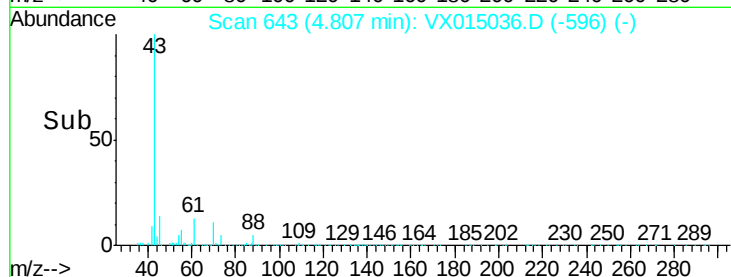
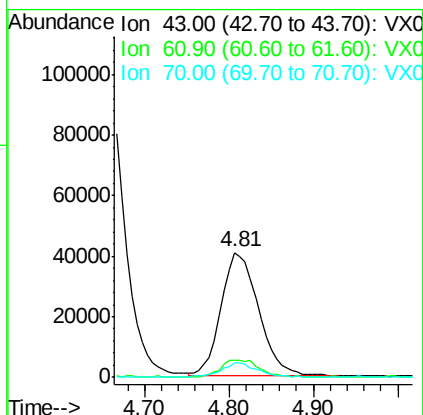
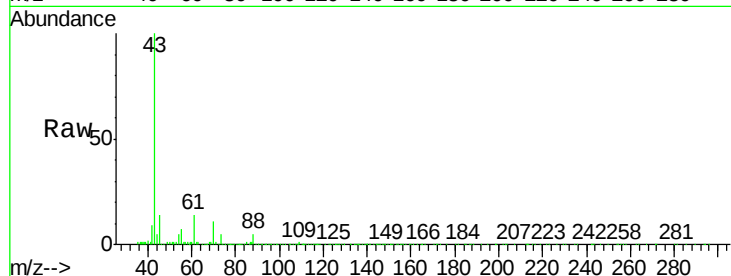




#37
Ethyl Acetate
Concen: 20.294 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

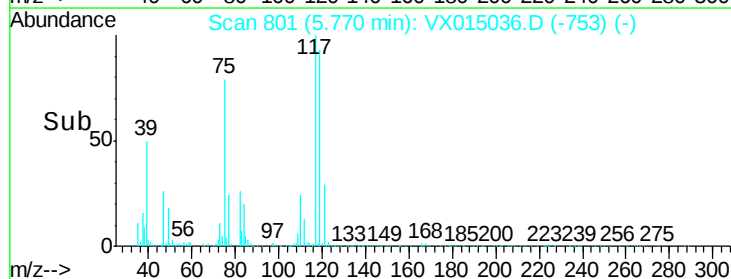
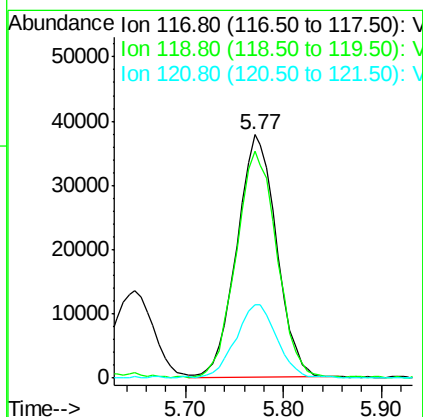
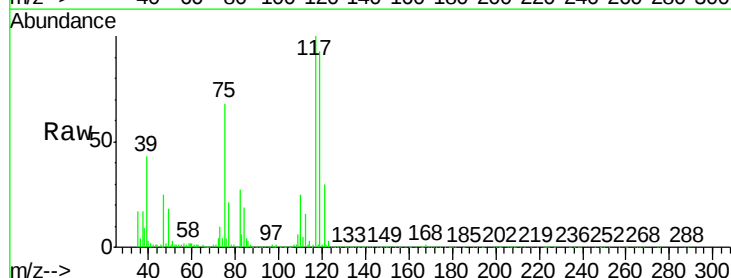
Instrument :
MSVOA_X
ClientSampleId :

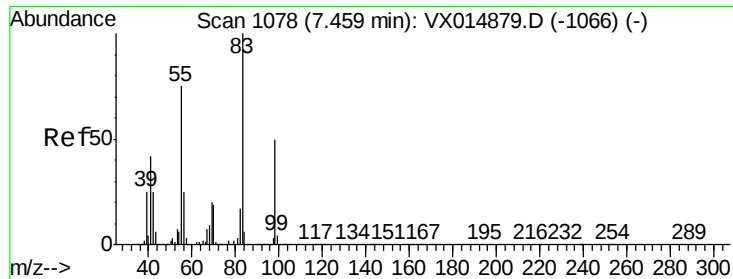
Tot Ion: 43 Resp: 124992
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.493 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion: 117 Resp: 106424
Ion Ratio Lower Upper
117 100
119 93.5 76.0 114.0
121 29.9 25.4 38.2

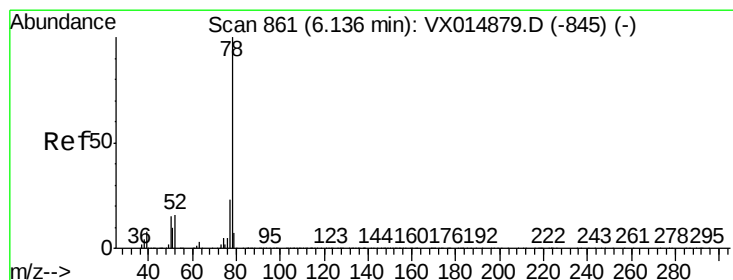
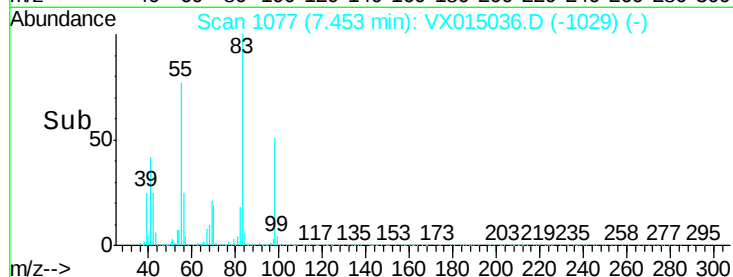
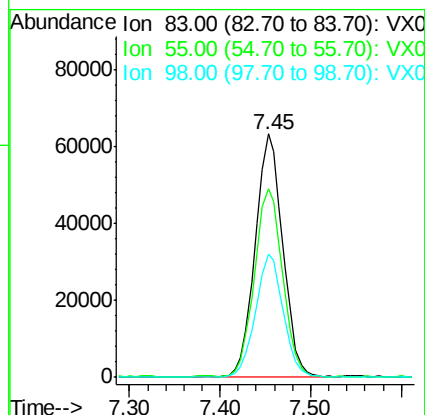
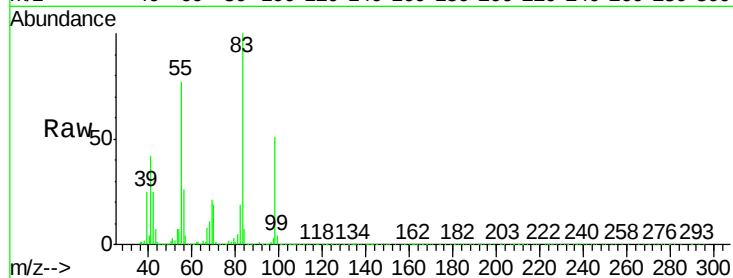




#39
Methvlcvclohexane
Concen: 17.987 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

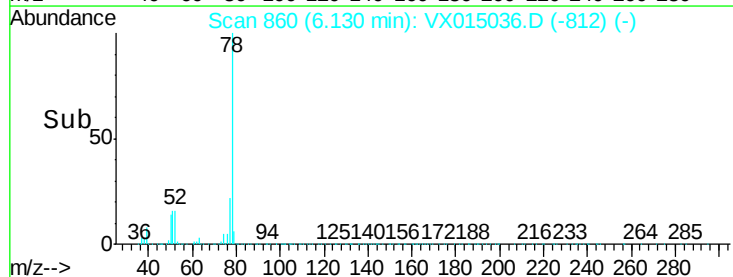
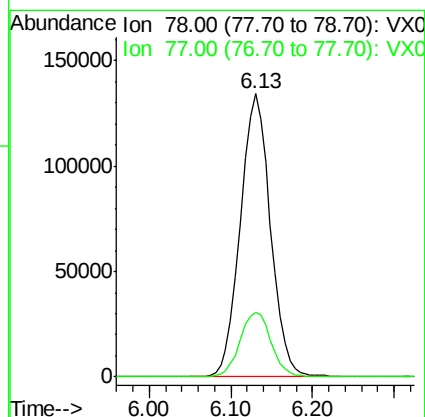
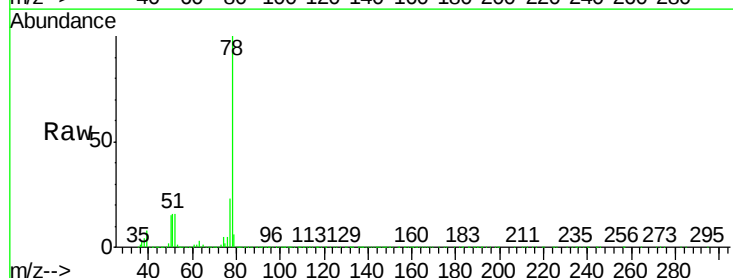
Instrument :
MSVOA_X
ClientSampleId :

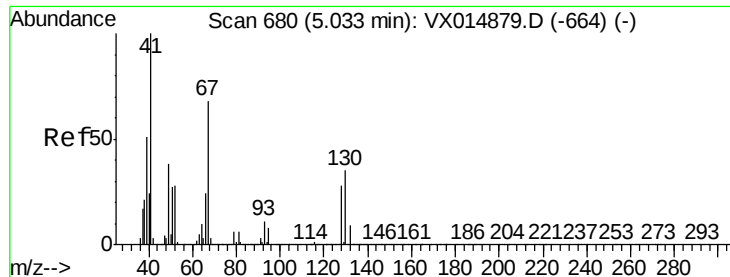
Tot Ion	83	Resp	132838
Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.0	90.0
98	50.7	39.6	59.4



#40
Benzene
Concen: 19.483 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion	78	Resp	343749
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2

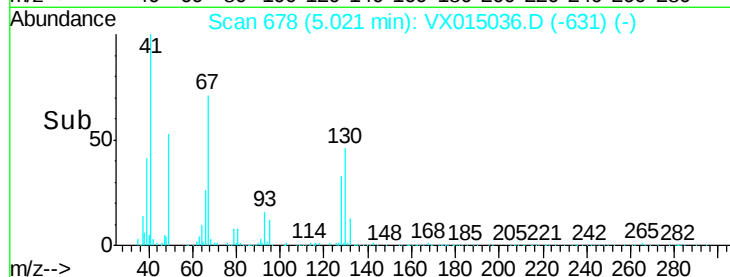
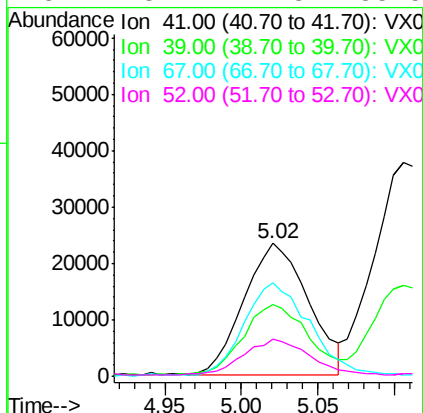
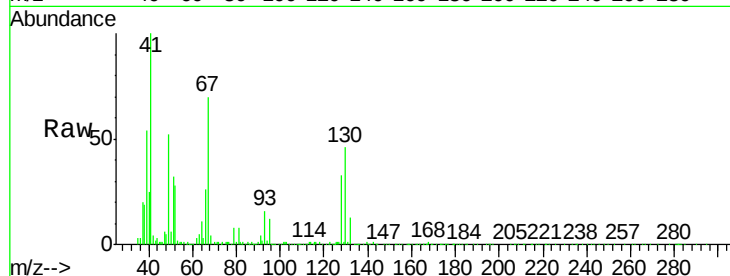




#41
Methacrylonitrile
Concen: 20.499 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

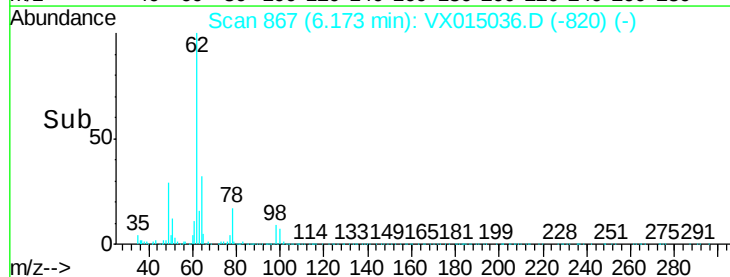
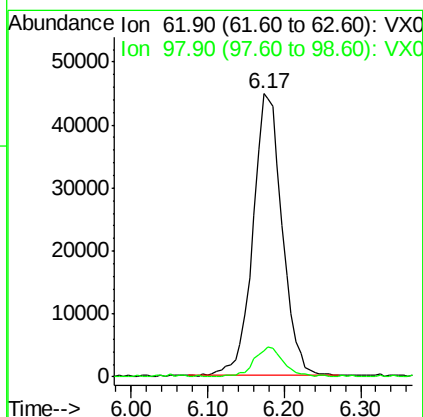
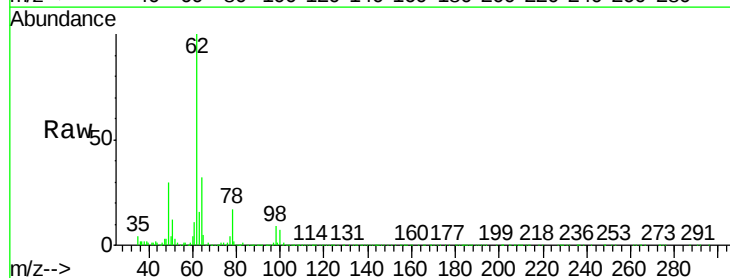
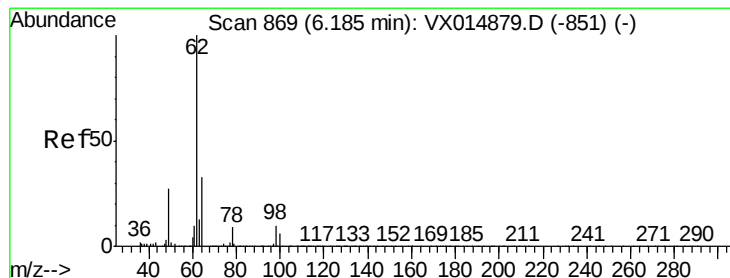
Instrument :
MSVOA_X
ClientSampleId :

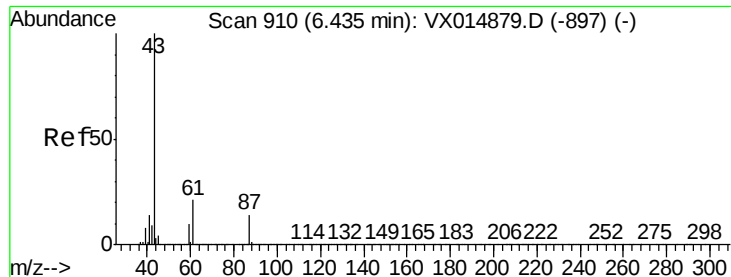
Tot Ion:	41	Resp:	68015
Ion	Ratio	Lower	Upper
41	100		
39	53.1	44.7	67.1
67	71.3	56.6	84.8
52	28.2	22.3	33.5



#42
1,2-Dichloroethane
Concen: 18.705 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion:	62	Resp:	119283
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.638 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

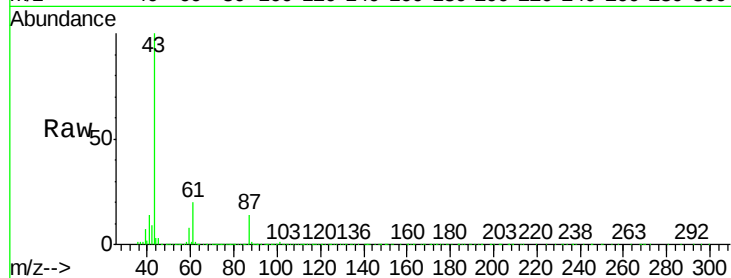
Tot Ion: 43 Resp: 199524

Ion Ratio Lower Upper

43 100

61 20.0 16.2 24.4

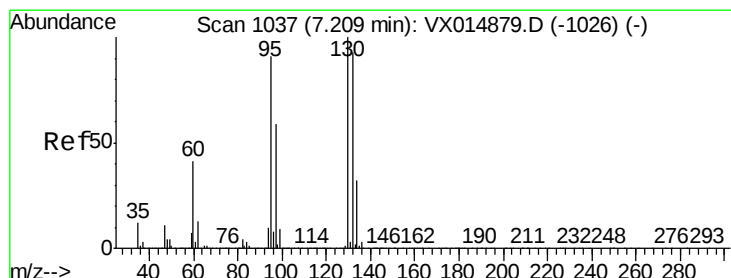
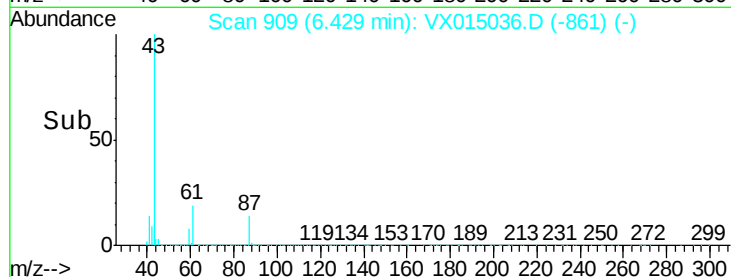
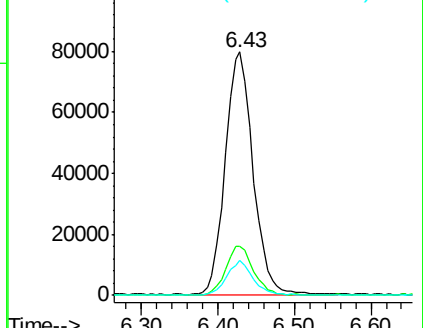
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.026 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015036.D

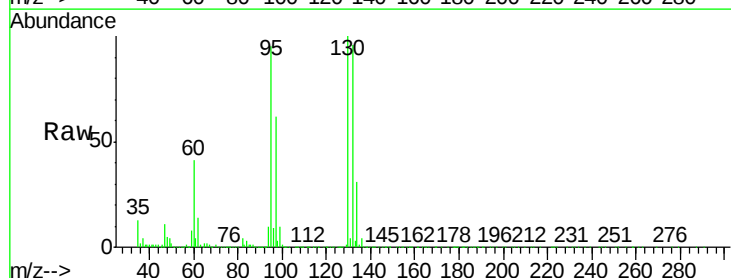
Acq: 27 Feb 2020 10:33

Tgt Ion: 130 Resp: 97451

Ion Ratio Lower Upper

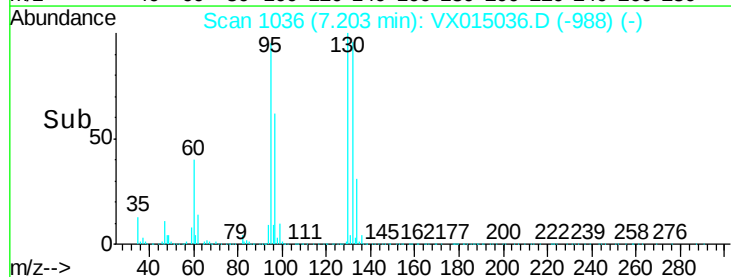
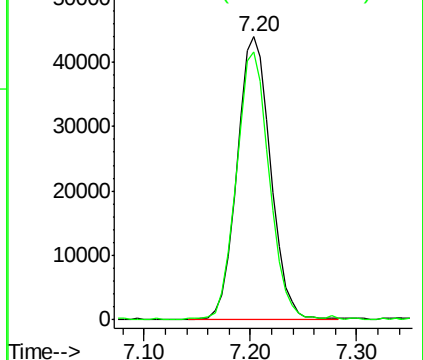
130 100

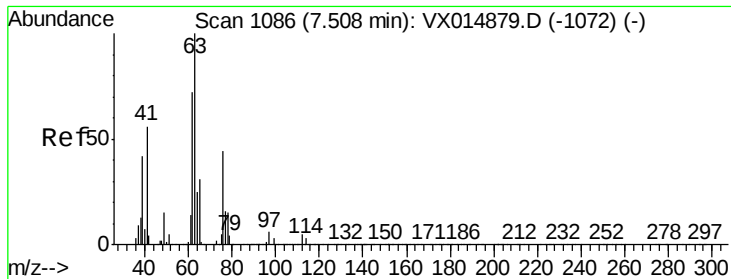
95 94.2 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

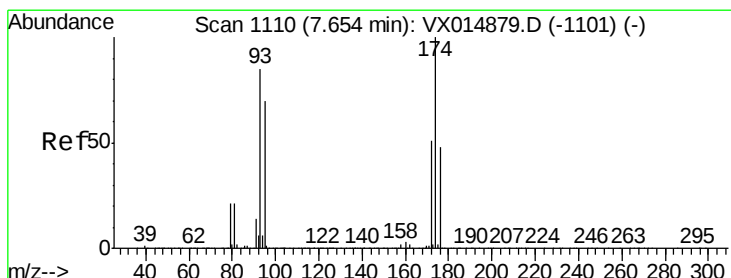
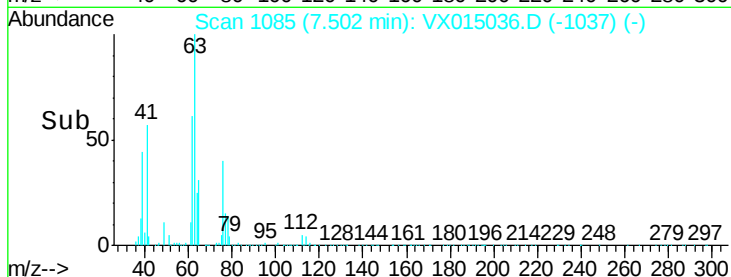
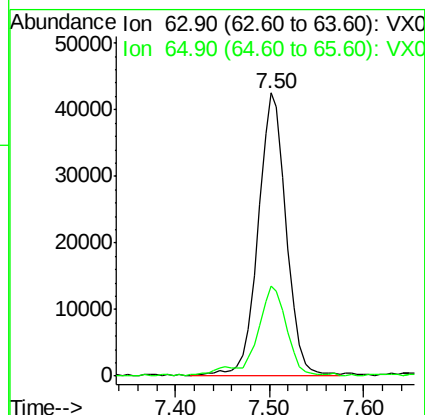
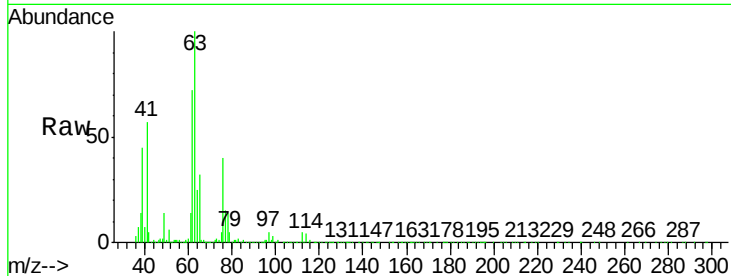




#45
 1,2-Dichloropropane
 Concen: 19.571 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015036.D
 Acq: 27 Feb 2020 10:33

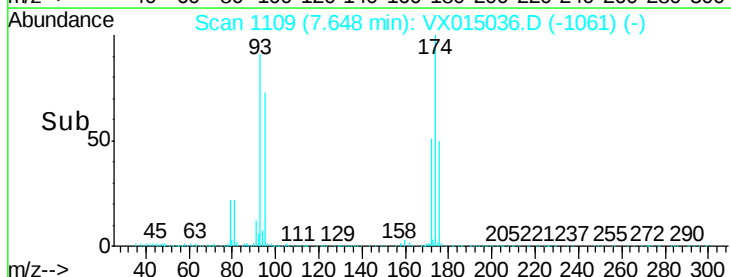
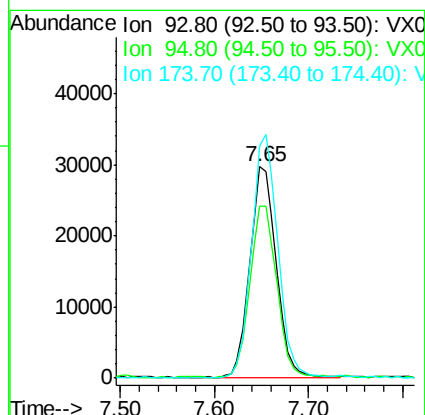
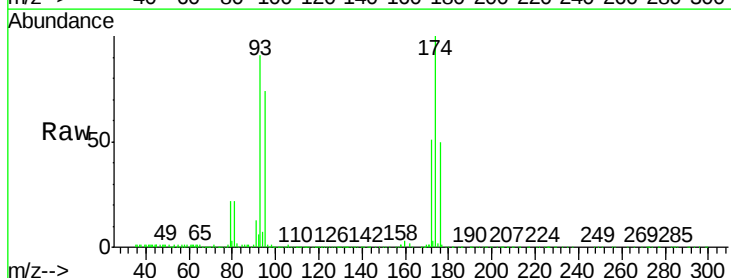
Instrument :
 MSVOA_X
 ClientSampleId :

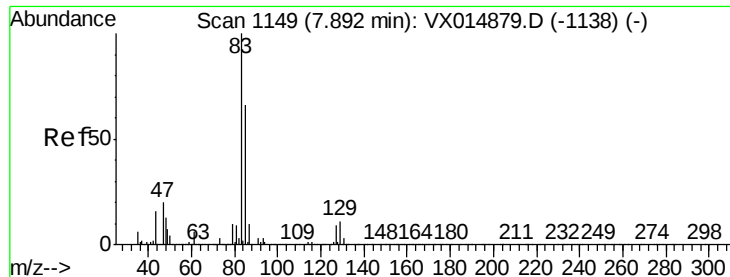
Tot Ion: 63 Resp: 88064
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.9 37.3



#46
 Dibromomethane
 Concen: 18.829 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015036.D
 Acq: 27 Feb 2020 10:33

Tgt Ion: 93 Resp: 57914
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.8
 174 116.5 95.4 143.2





#47

Bromodichloromethane

Concen: 19.015 ug/l

RT: 7.89 min Scan# 1148

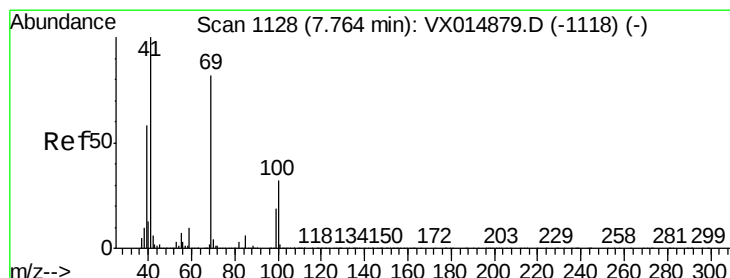
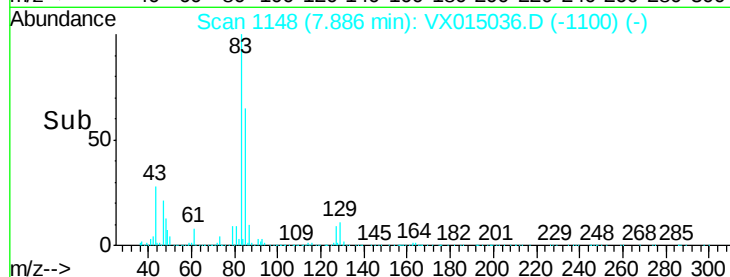
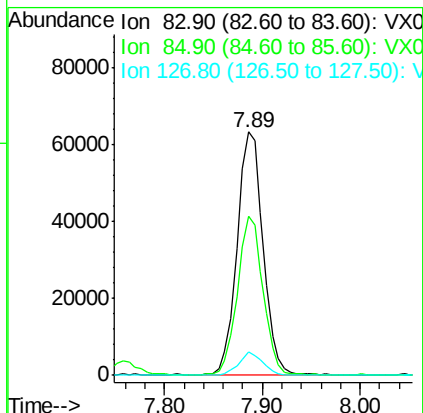
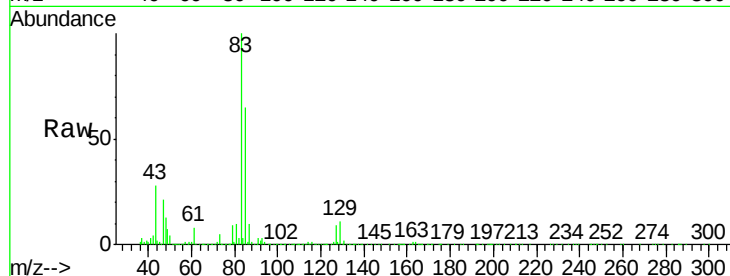
Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	115966
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7
127	9.5	7.4	11.0



#48

Methyl methacrylate

Concen: 19.758 ug/l

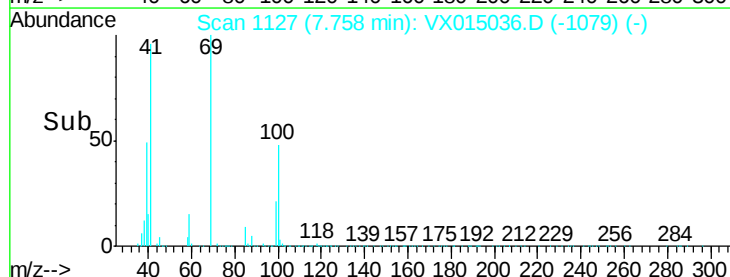
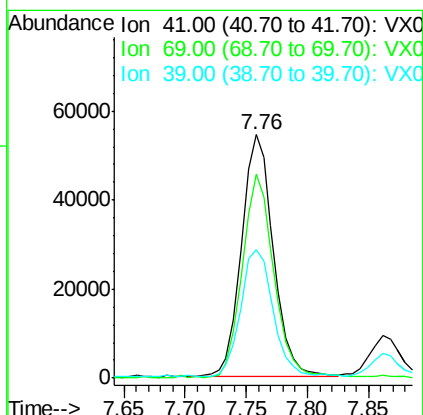
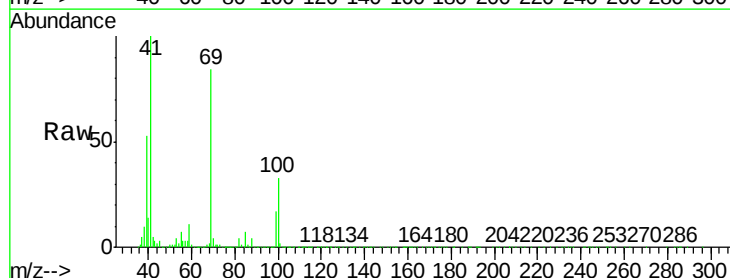
RT: 7.76 min Scan# 1127

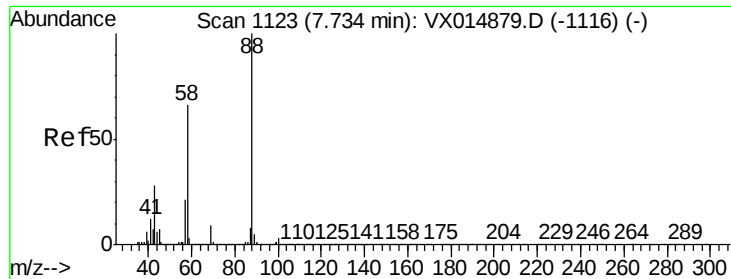
Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Tgt Ion:	41	Resp:	98793
Ion	Ratio	Lower	Upper
41	100		
69	82.2	65.7	98.5
39	53.8	45.8	68.8

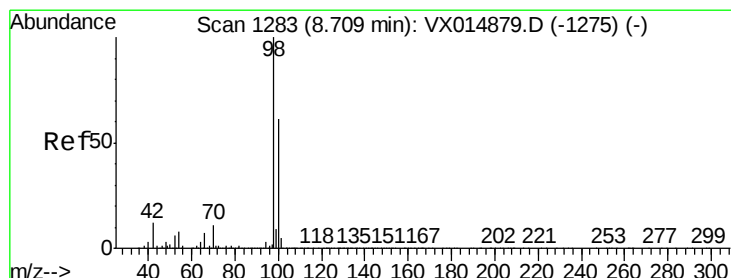
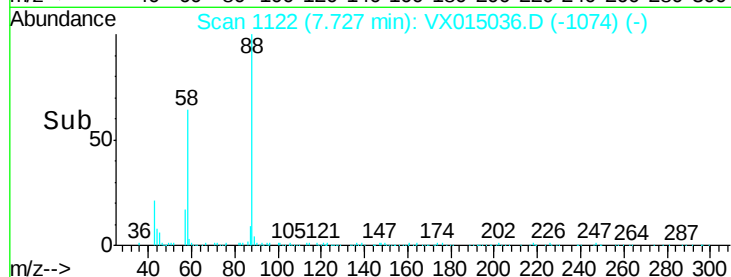
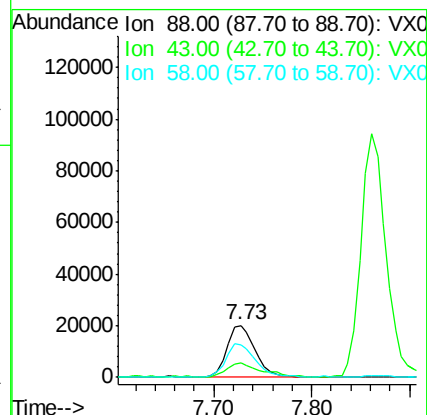
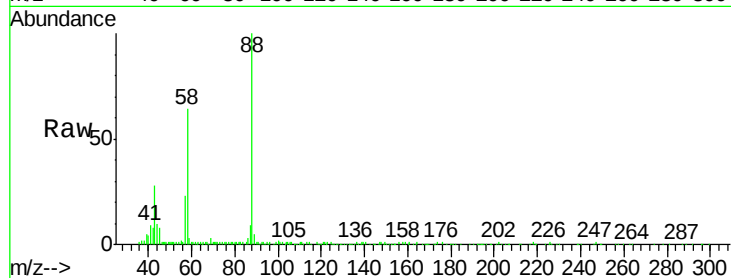




#49
1,4-Dioxane
Concen: 416.375 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

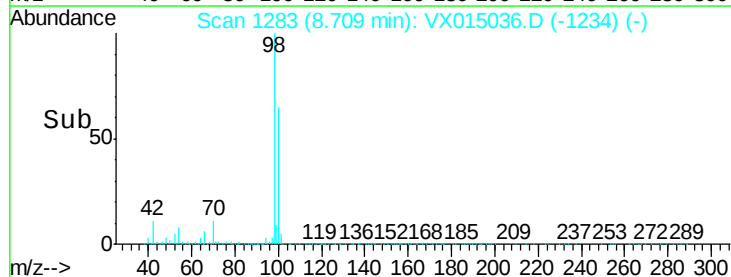
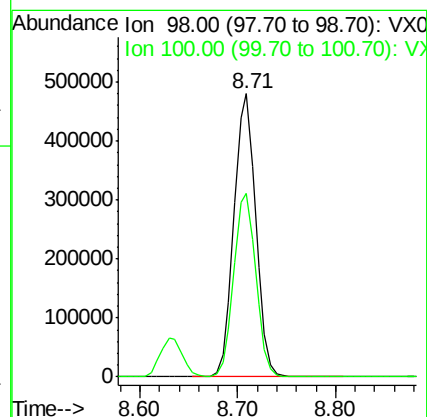
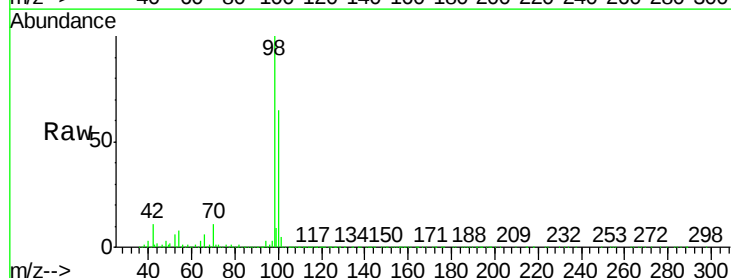
Instrument :
MSVOA_X
ClientSampleId :

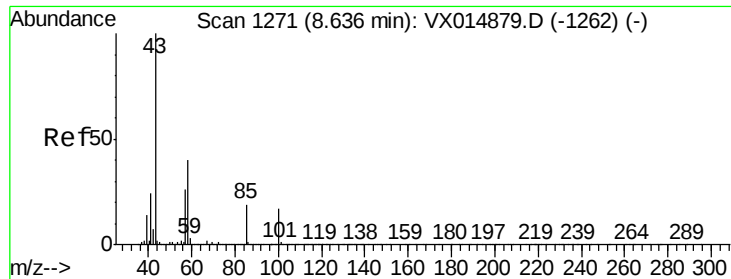
Tot Ion	88	Resp	38926
Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	70.4	53.2	79.8



#50
Toluene-d8
Concen: 47.989 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion	98	Resp	743418
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 103.430 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

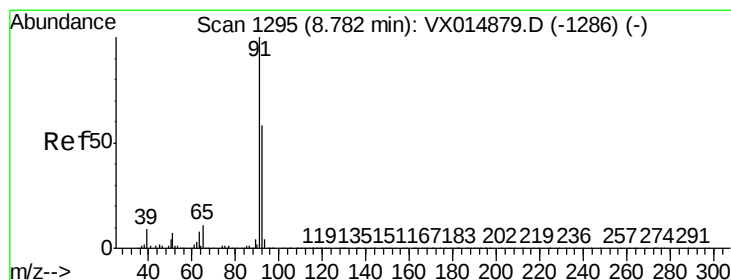
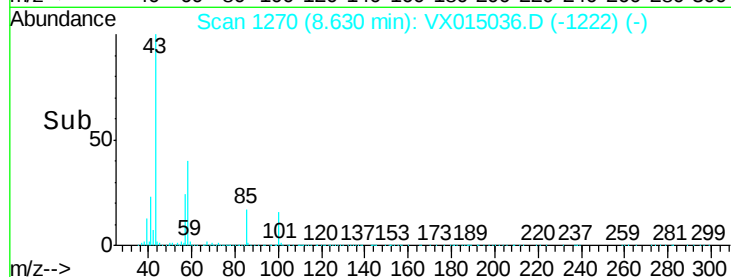
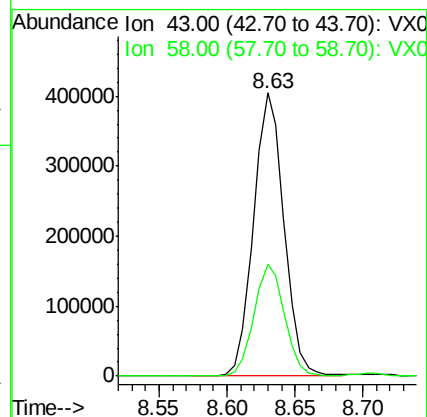
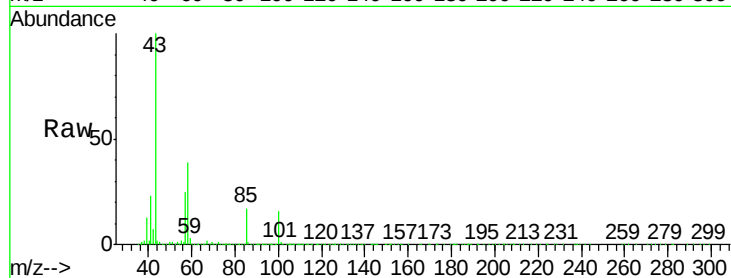
ClientSampleId :

Tot Ion: 43 Resp: 634538

Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9



#52

Toluene

Concen: 19.253 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015036.D

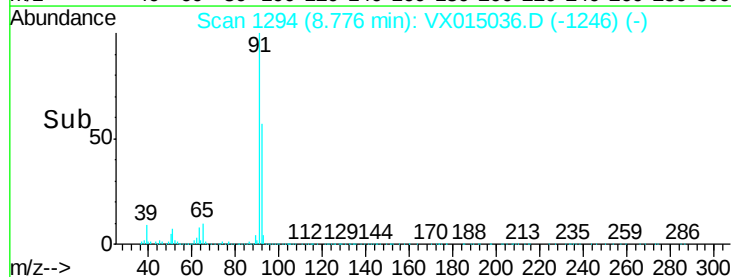
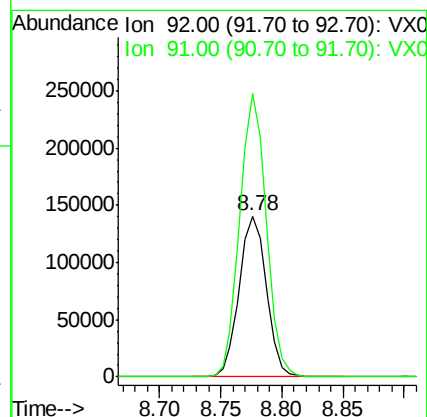
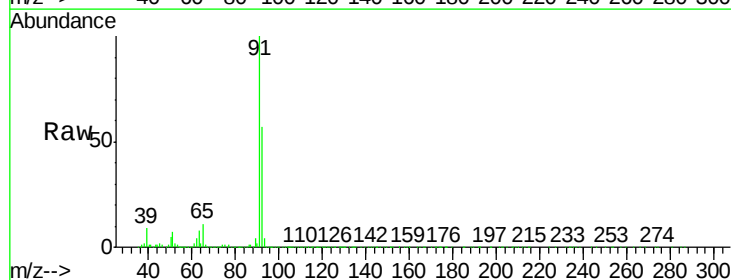
Acq: 27 Feb 2020 10:33

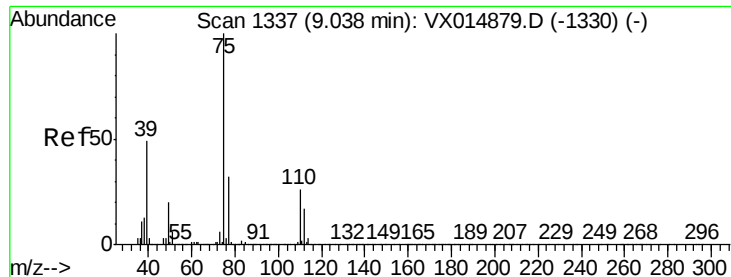
Tgt Ion: 92 Resp: 215752

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.218 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

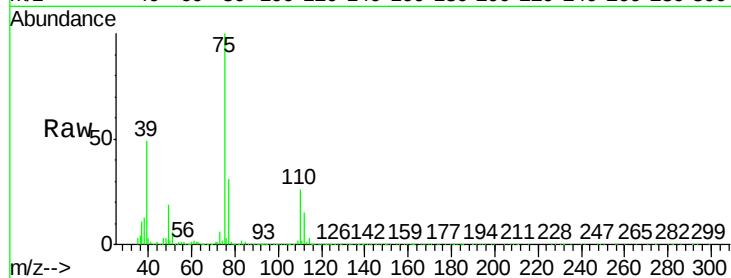
ClientSampled :

Tot Ion: 75 Resp: 128446

Ion Ratio Lower Upper

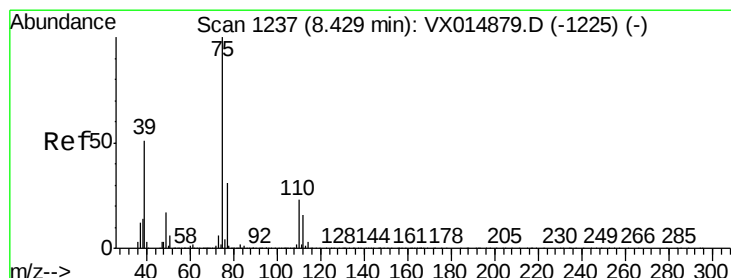
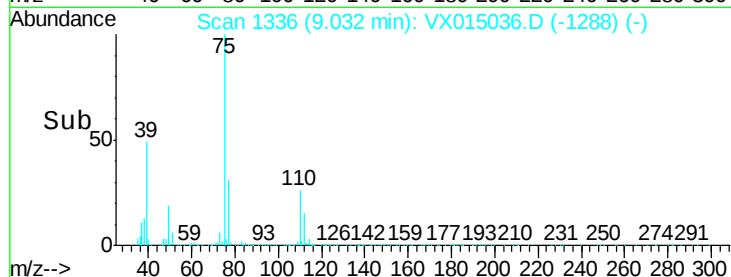
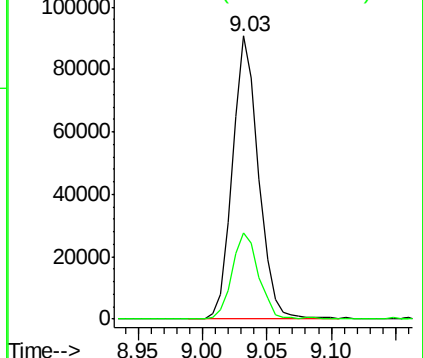
75 100

77 30.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.819 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

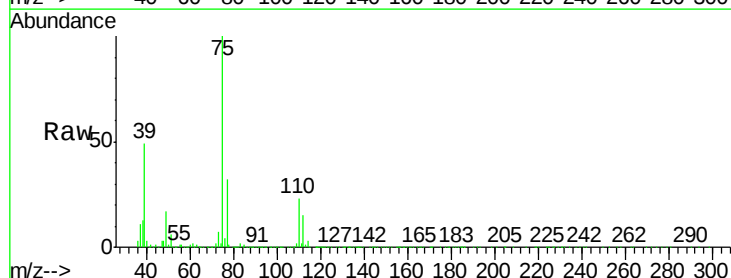
Tgt Ion: 75 Resp: 138952

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

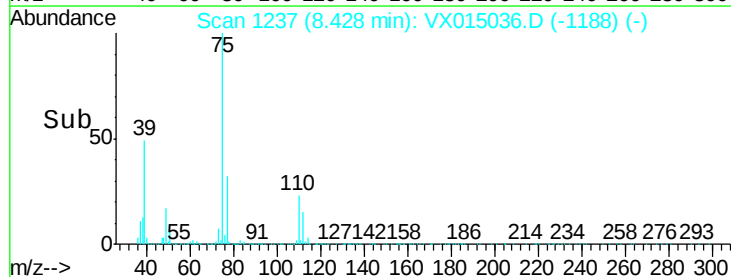
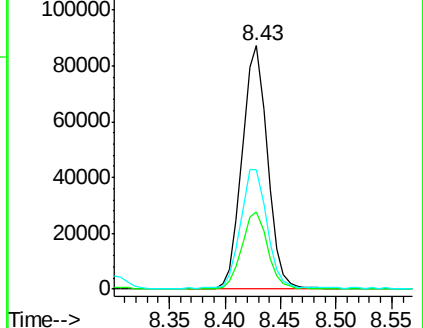
39 48.6 40.9 61.3

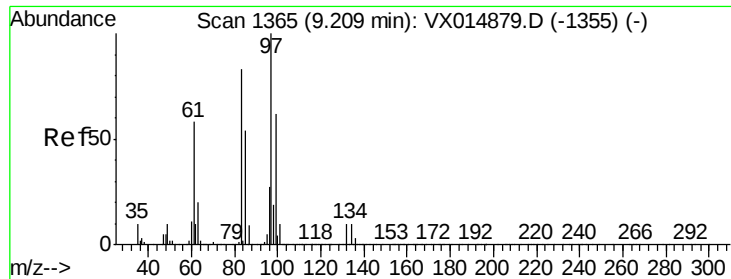


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

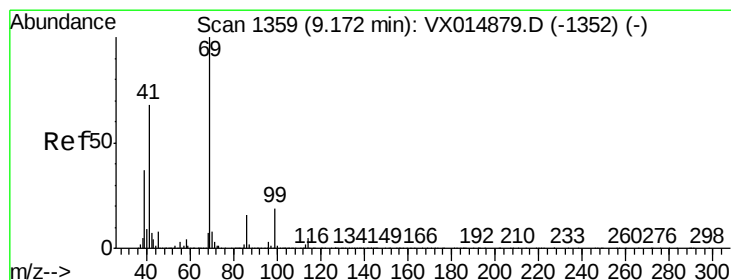
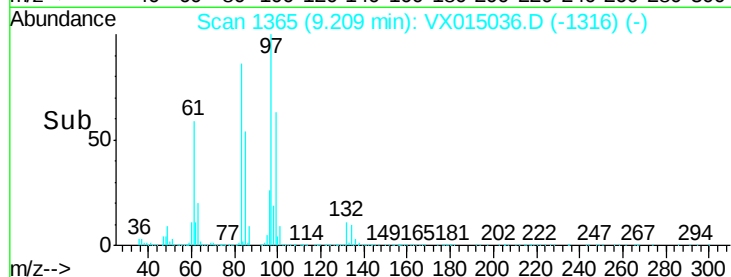
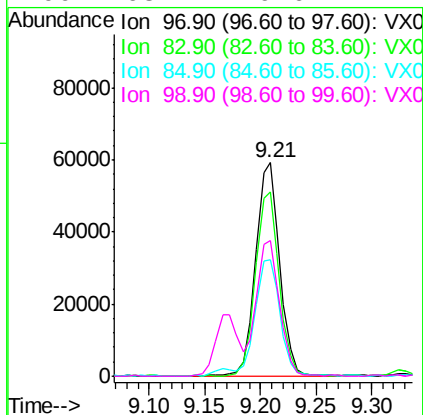
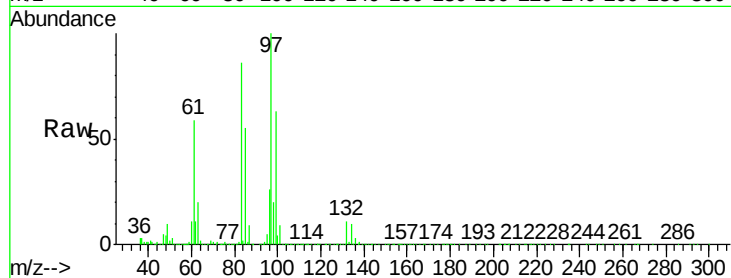




#55
 1,1,2-Trichloroethane
 Concen: 19.544 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015036.D
 Acq: 27 Feb 2020 10:33

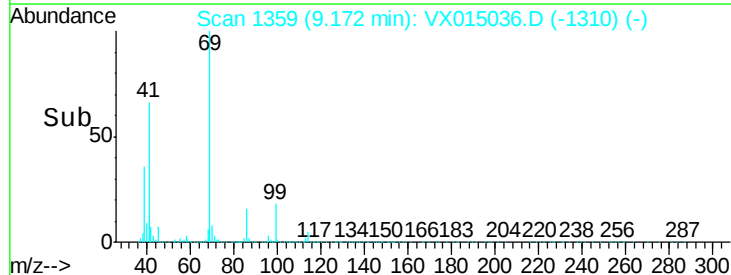
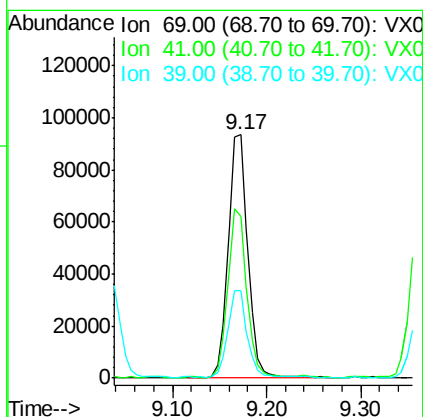
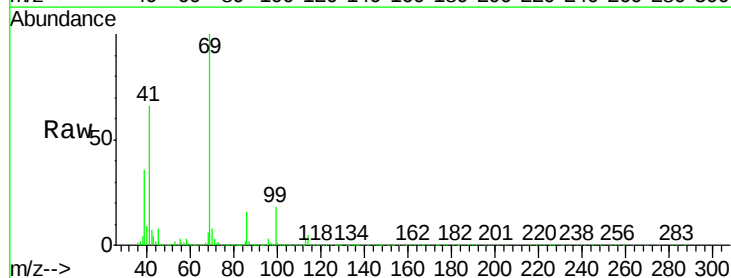
Instrument :
 MSVOA_X
 ClientSampleId :

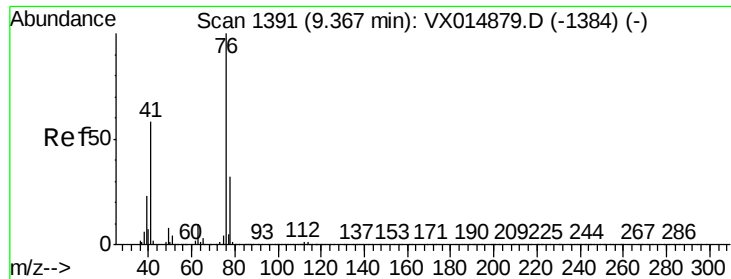
Tot Ion:	97	Resp:	88610
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.6	99.8
85	54.5	43.5	65.3
99	63.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.923 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015036.D
 Acq: 27 Feb 2020 10:33

Tgt Ion:	69	Resp:	135768
Ion	Ratio	Lower	Upper
69	100		
41	66.2	54.8	82.2
39	35.0	29.9	44.9





#57

1,3-Dichloropropane

Concen: 19.760 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

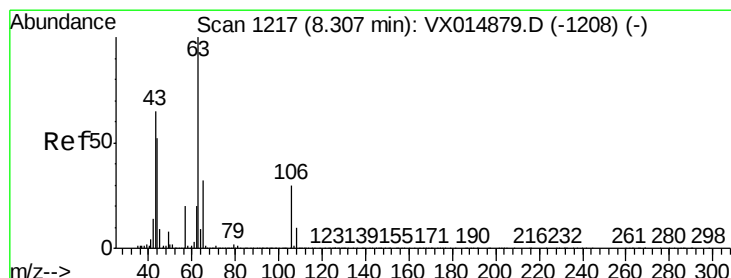
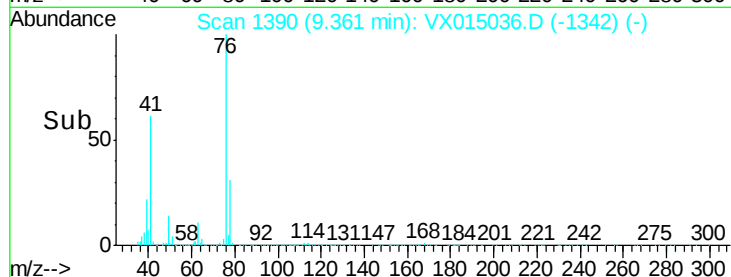
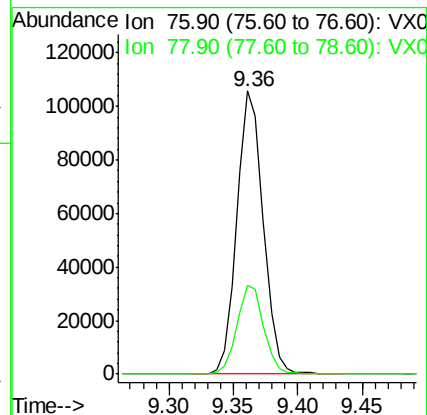
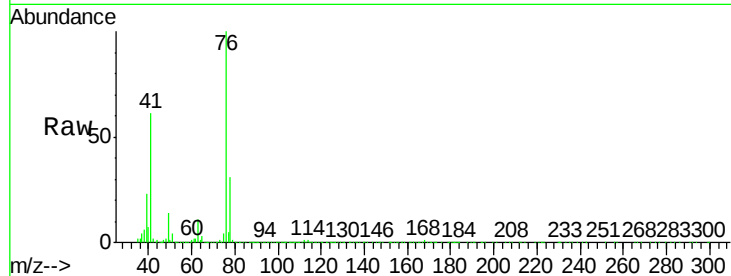
ClientSampleId :

Tot Ion: 76 Resp: 150810

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.358 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015036.D

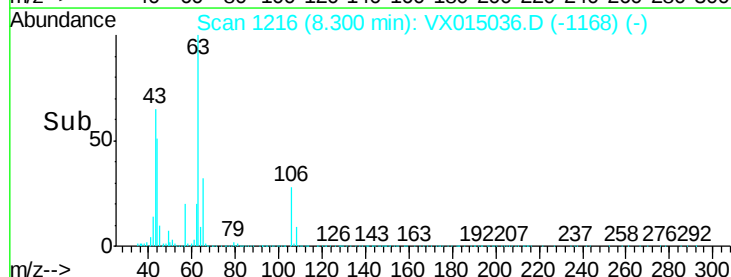
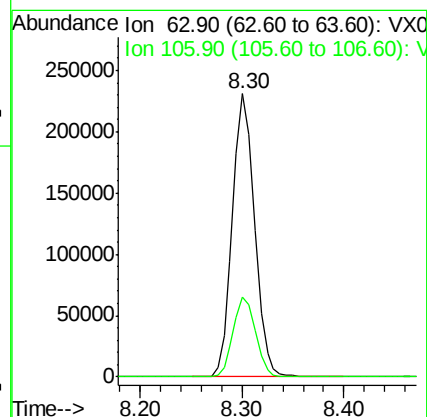
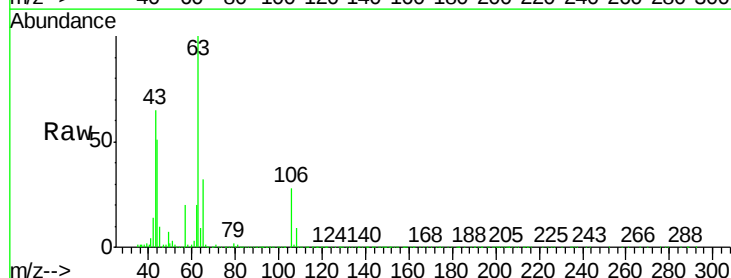
Acq: 27 Feb 2020 10:33

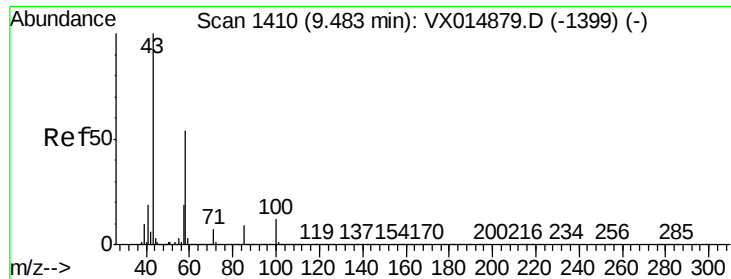
Tgt Ion: 63 Resp: 346986

Ion Ratio Lower Upper

63 100

106 28.7 23.8 35.8

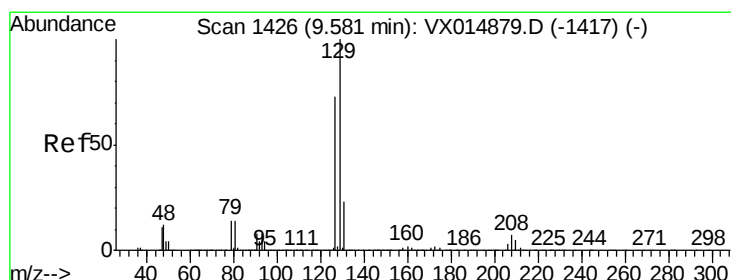
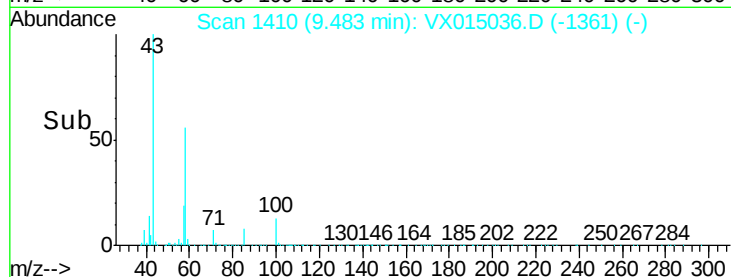
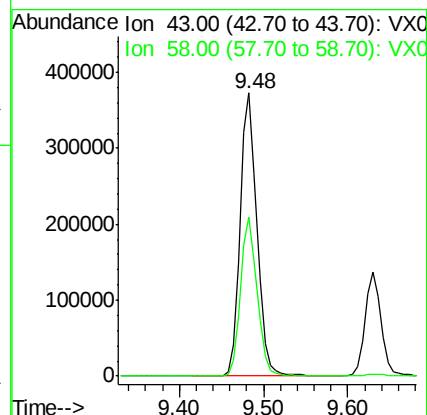
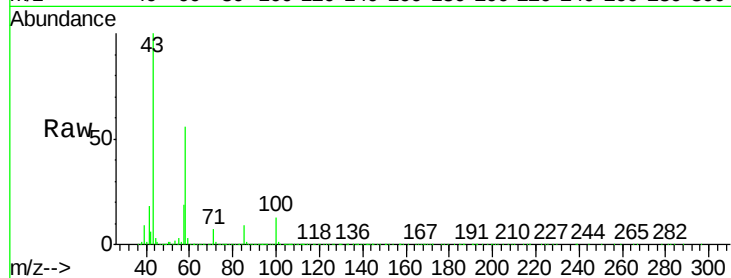




#59
2-Hexanone
Concen: 103.913 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

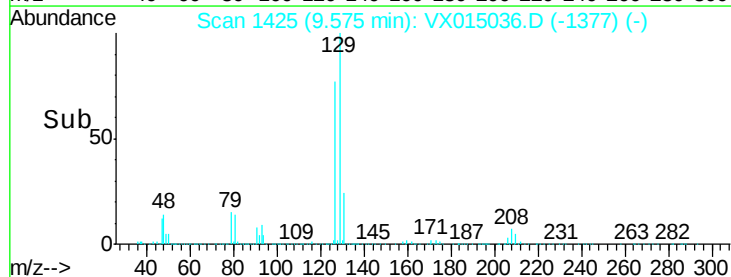
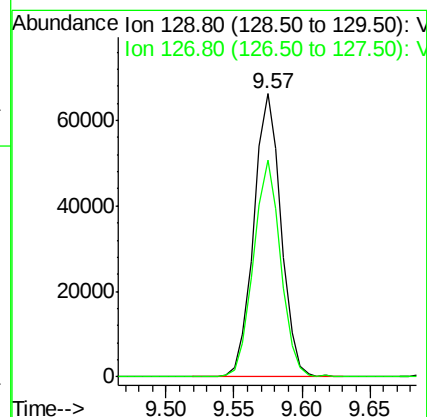
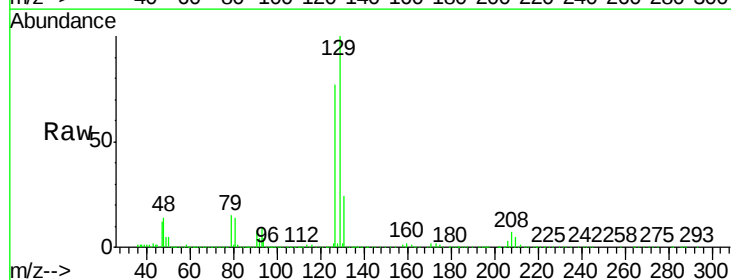
Instrument :
MSVOA_X
ClientSampleId :

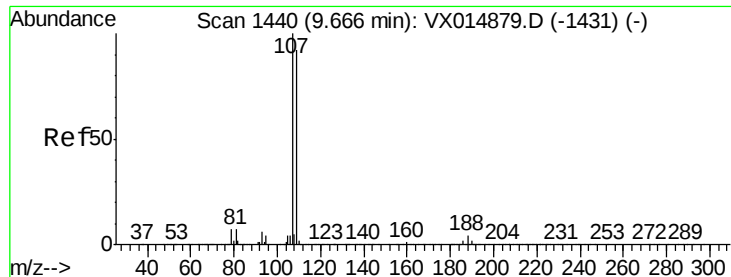
Tot Ion: 43 Resp: 501085
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.5



#60
Dibromochloromethane
Concen: 19.196 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion:129 Resp: 93659
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.057 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

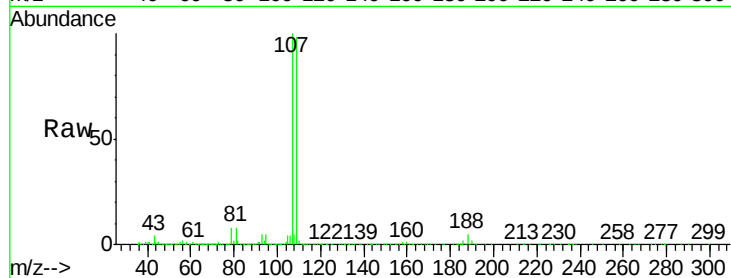
ClientSampleId :

Tot Ion:107 Resp: 93227

Ion Ratio Lower Upper

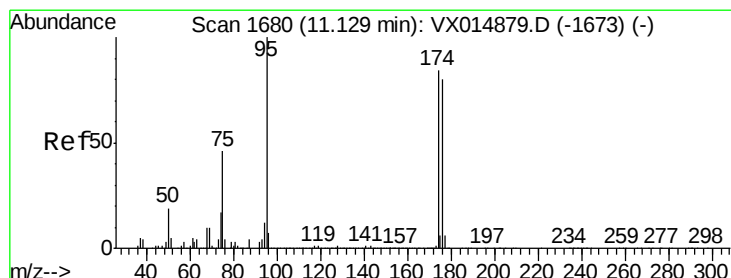
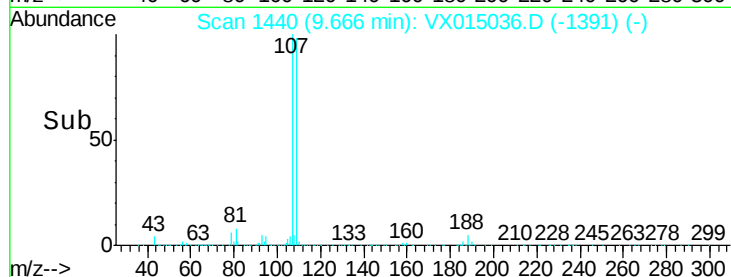
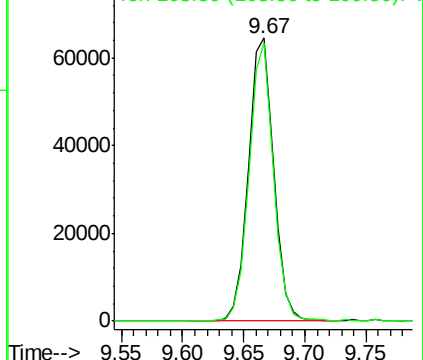
107 100

109 94.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.116 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

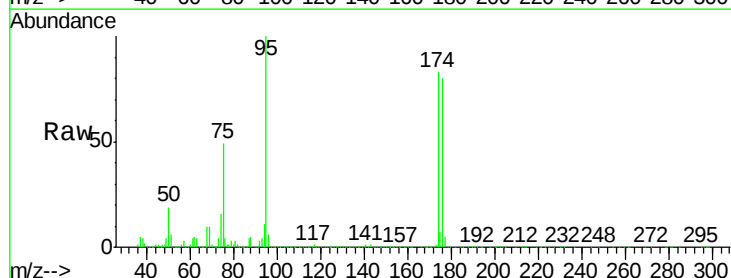
Tgt Ion: 95 Resp: 274093

Ion Ratio Lower Upper

95 100

174 88.0 0.0 183.0

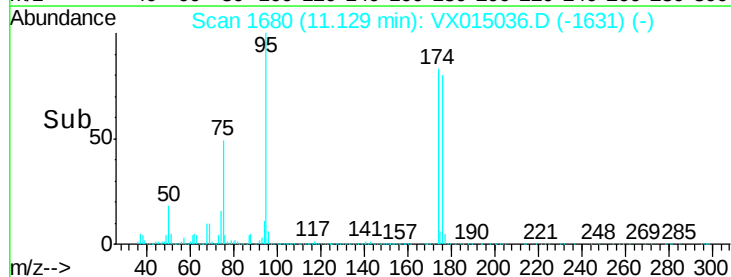
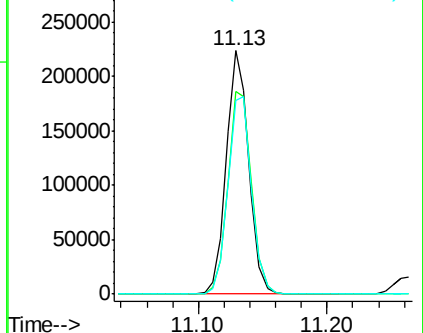
176 85.8 0.0 178.0

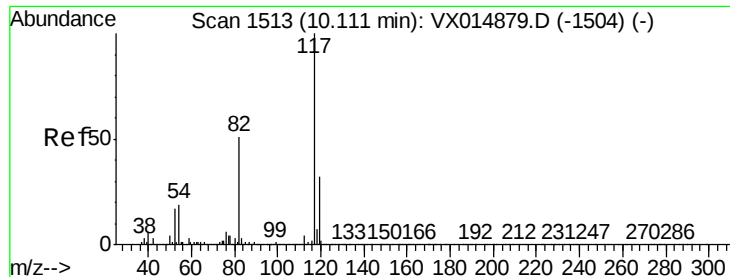


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

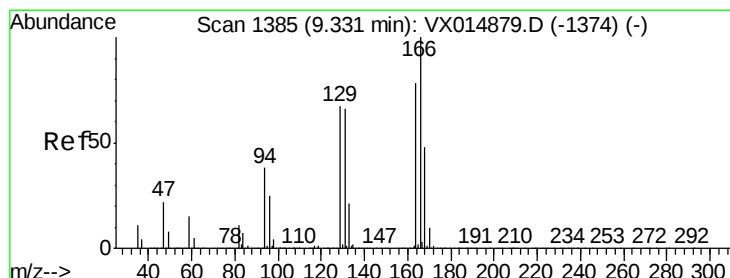
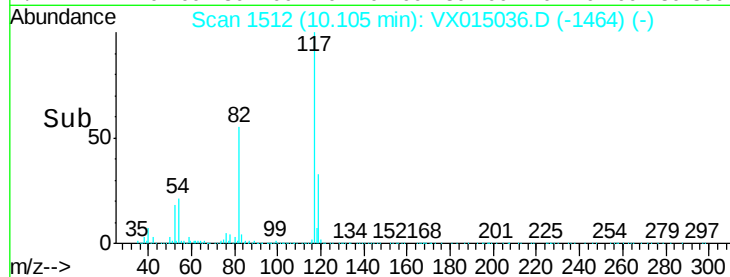
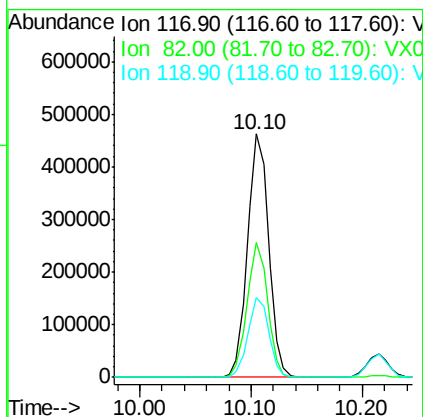
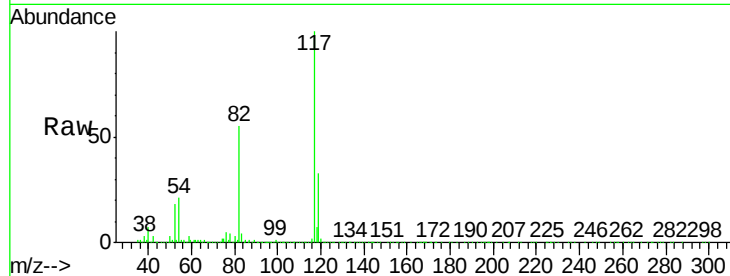




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

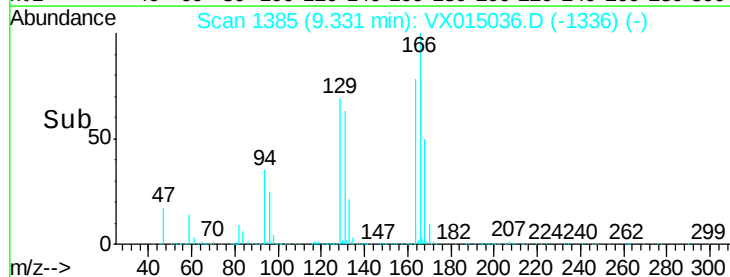
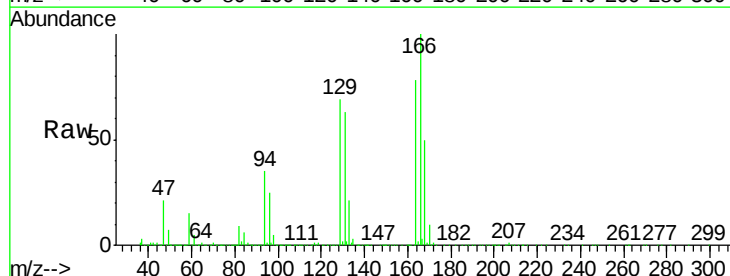
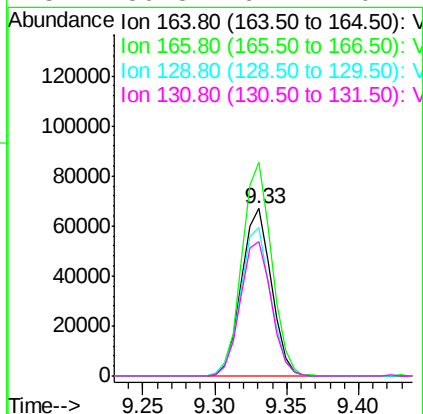
Instrument :
MSVOA_X
ClientSampleId :

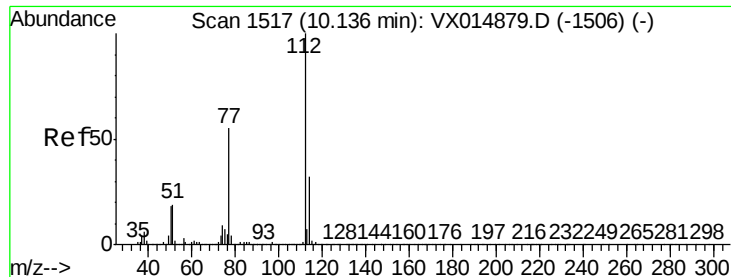
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	40.5	60.7
119	32.5	25.8	38.6



#64
Tetrachloroethene
Concen: 16.941 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.6	153.8
129	88.4	68.3	102.5
131	80.3	67.4	101.2





#65

Chlorobenzene

Concen: 19.195 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

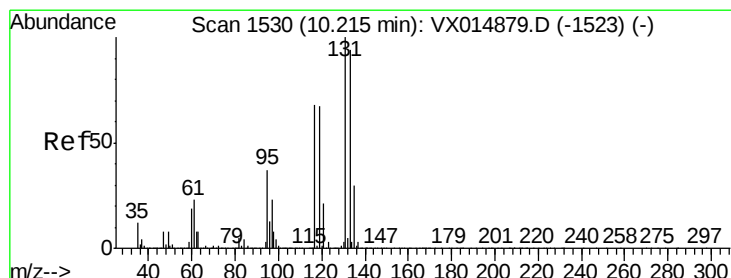
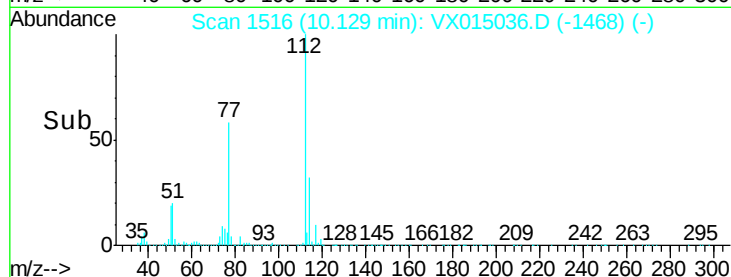
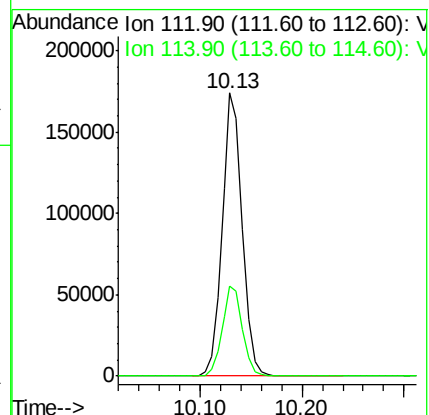
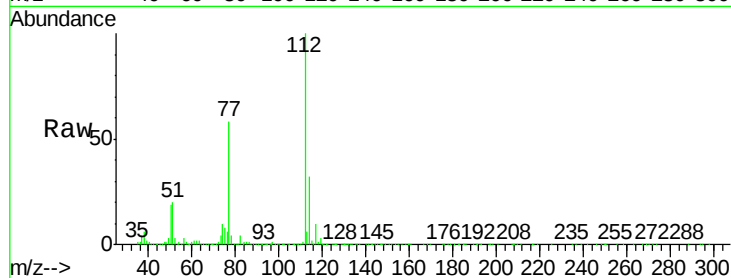
ClientSampleId :

Tot Ion:112 Resp: 237693

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.559 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

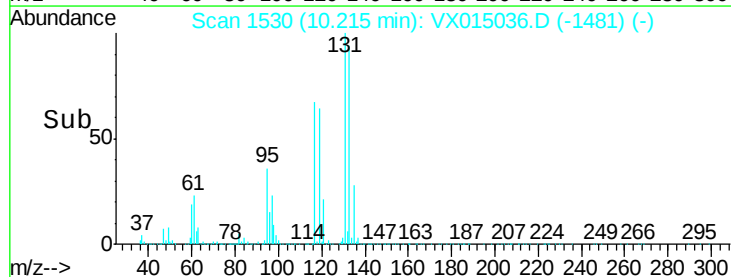
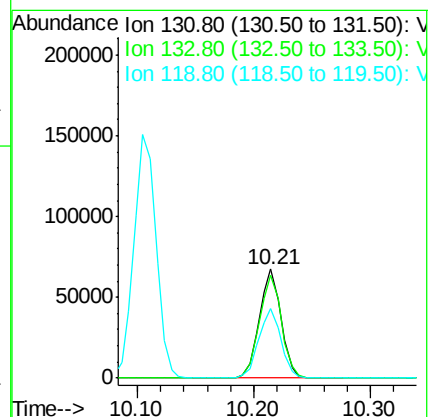
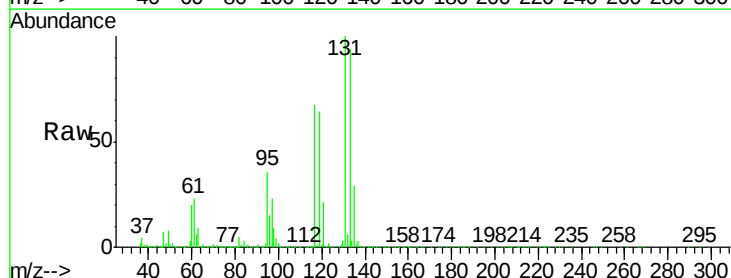
Tgt Ion:131 Resp: 87934

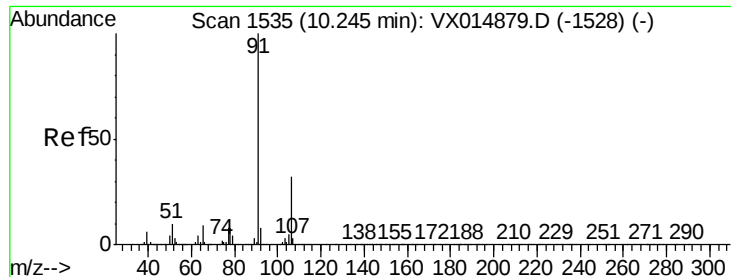
Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

119 65.4 33.0 99.0





#67

Ethyl Benzene

Concen: 19.478 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

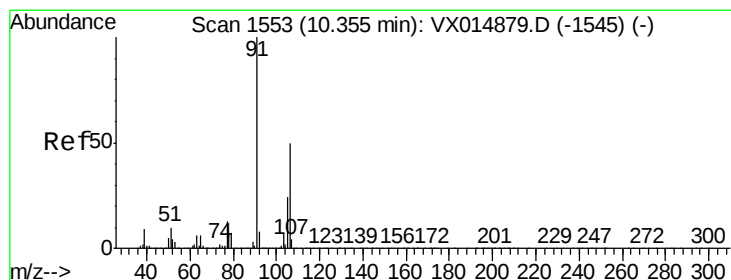
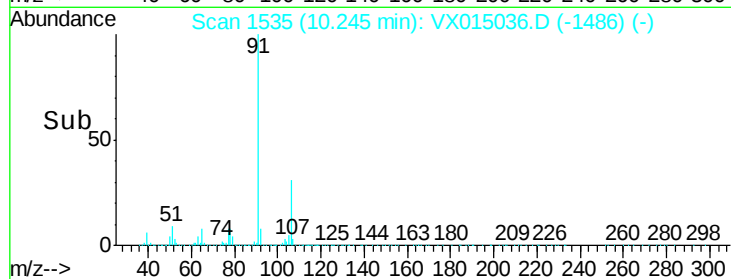
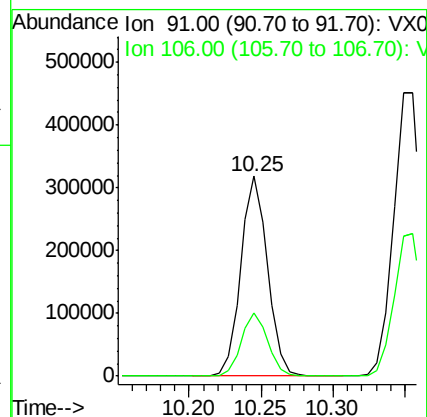
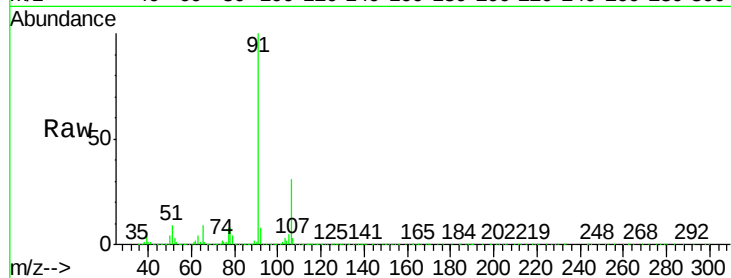
ClientSampled :

Tot Ion: 91 Resp: 410204

Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



#68

m/p-Xylenes

Concen: 38.877 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015036.D

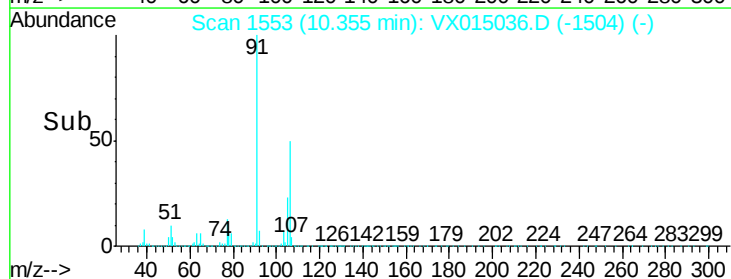
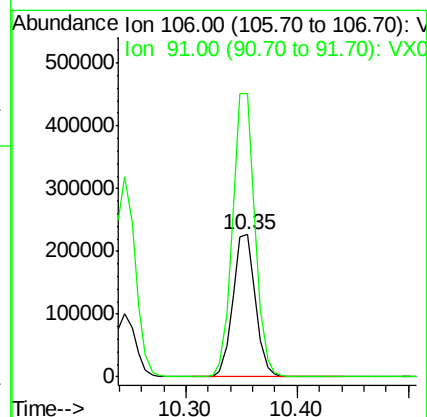
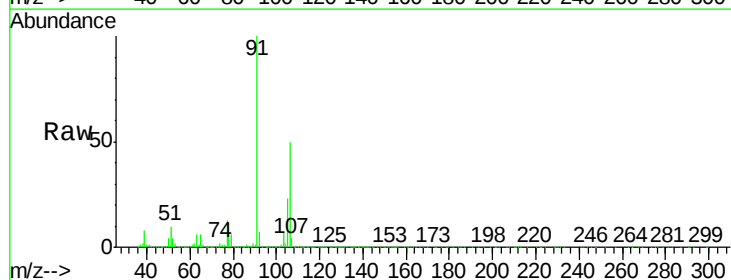
Acq: 27 Feb 2020 10:33

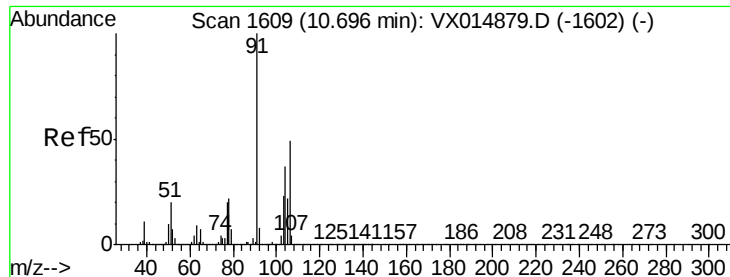
Tgt Ion: 106 Resp: 315414

Ion Ratio Lower Upper

106 100

91 198.5 160.6 240.8

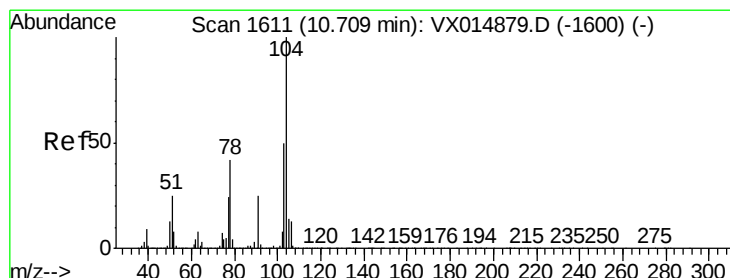
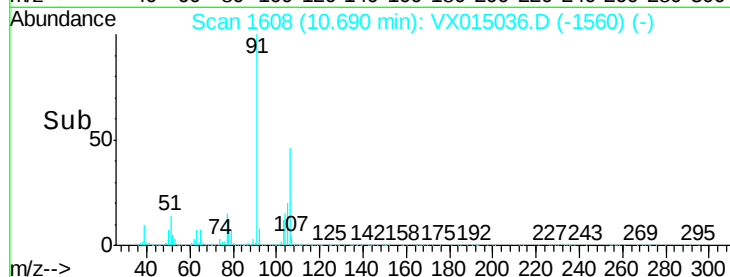
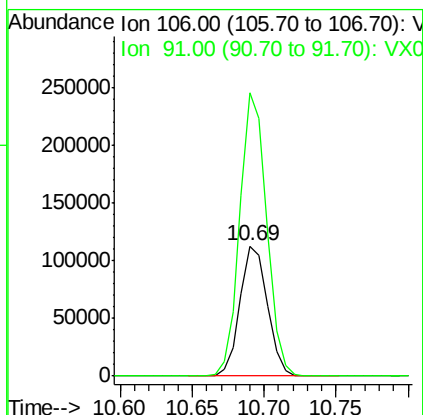
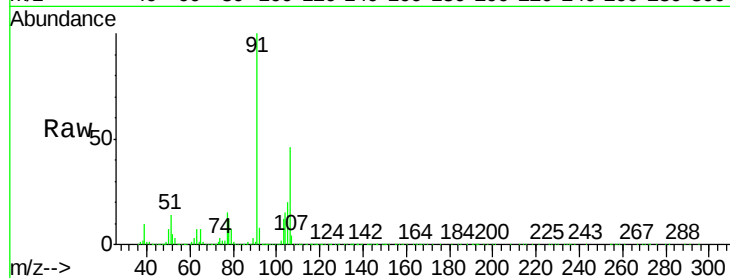




#69
o-Xylene
Concen: 19.187 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

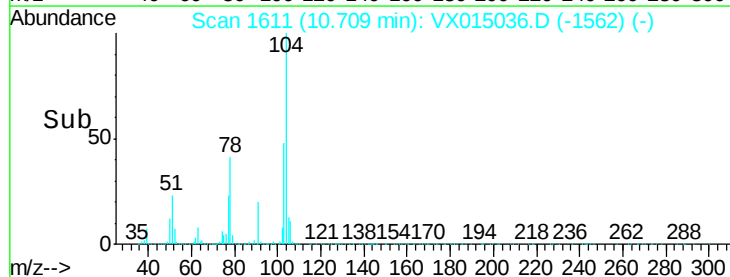
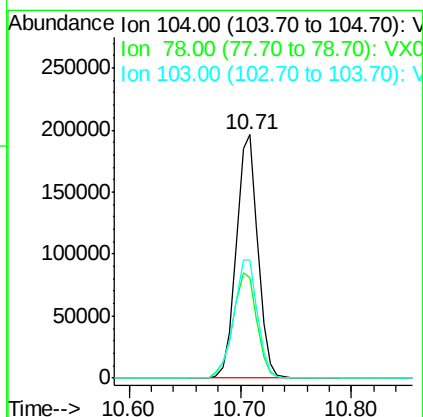
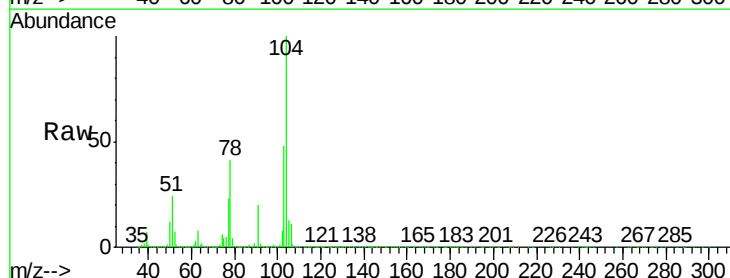
Instrument :
MSVOA_X
ClientSampled :

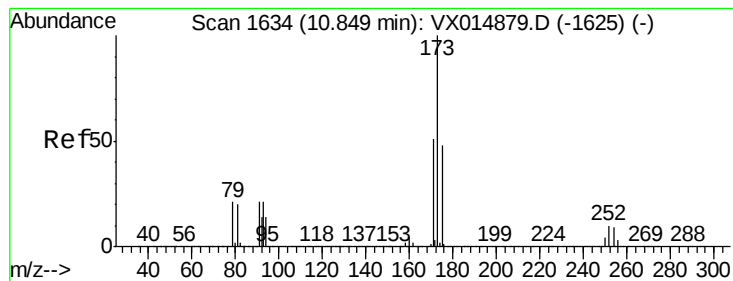
Tot Ion:106 Resp: 149641
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.3



#70
Styrene
Concen: 19.808 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion:104 Resp: 261343
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 53.8 43.4 65.0





#71

Bromoform

Concen: 18.904 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

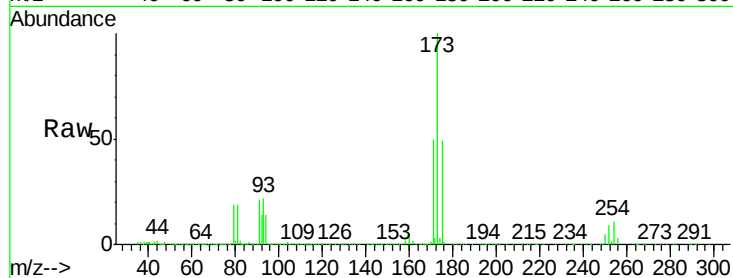
Tot Ion:173 Resp: 70939

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

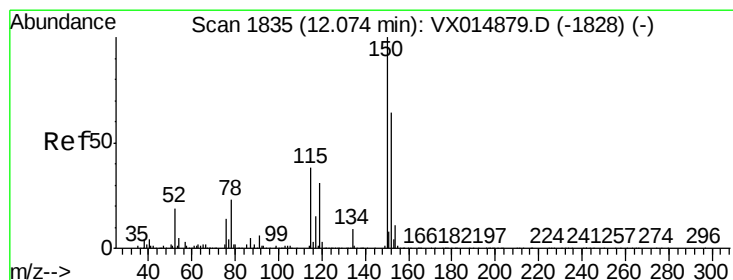
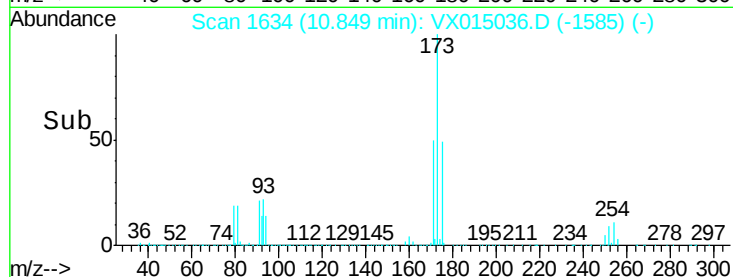
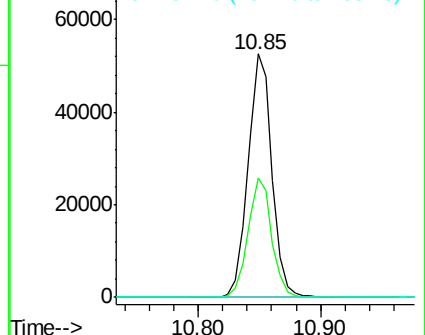
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

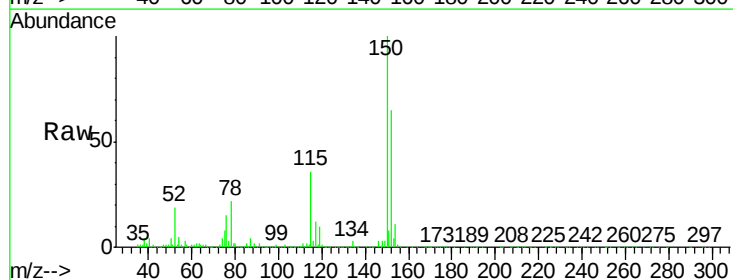
Tgt Ion:152 Resp: 324820

Ion Ratio Lower Upper

152 100

115 64.1 38.6 116.0

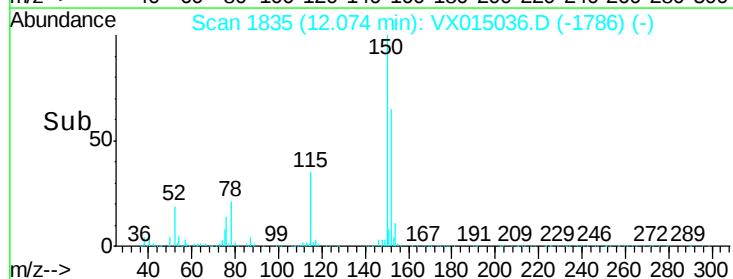
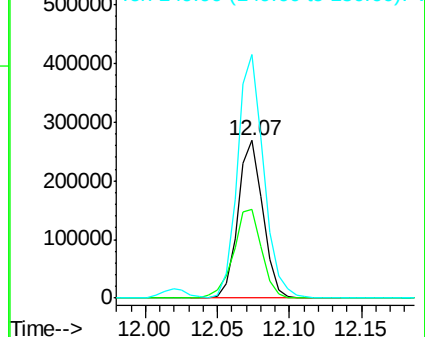
150 162.6 0.0 349.0

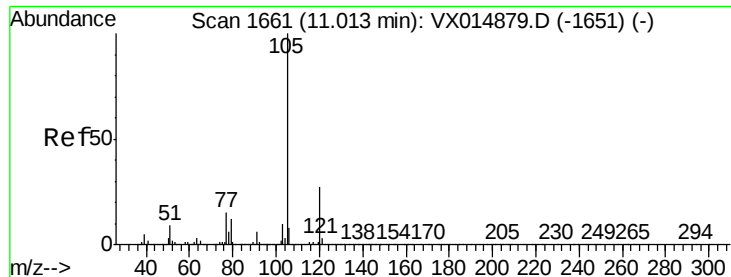


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.196 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

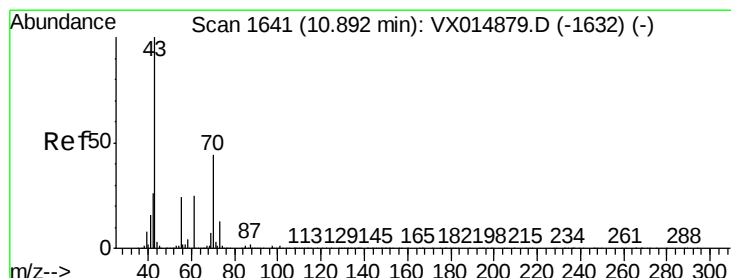
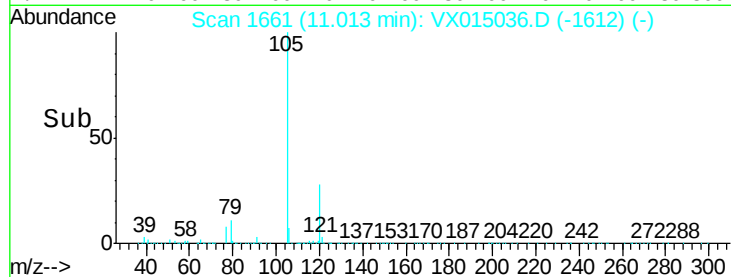
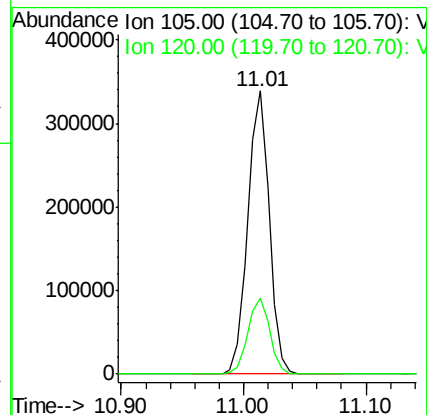
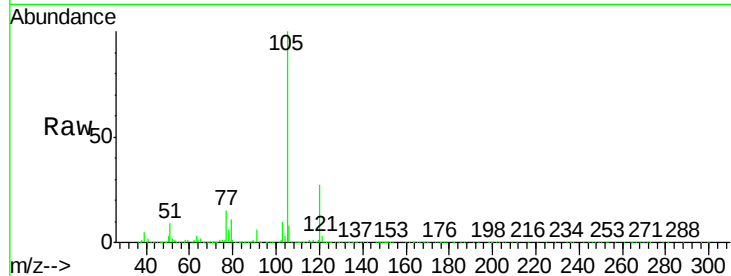
ClientSampleId :

Tot Ion:105 Resp: 411396

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 19.827 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Tgt Ion: 43 Resp: 167813

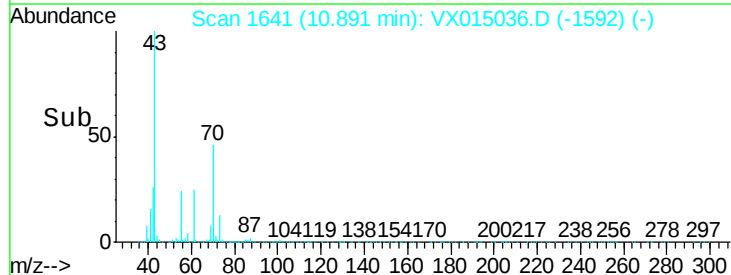
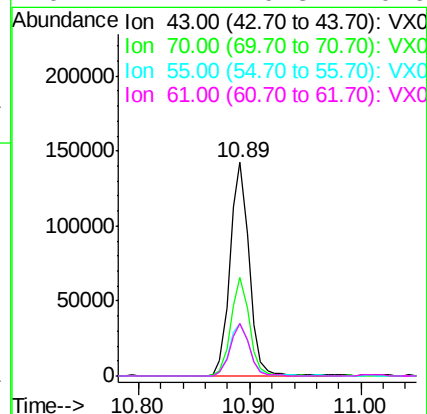
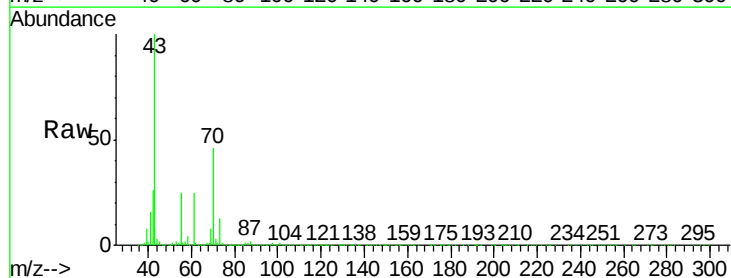
Ion Ratio Lower Upper

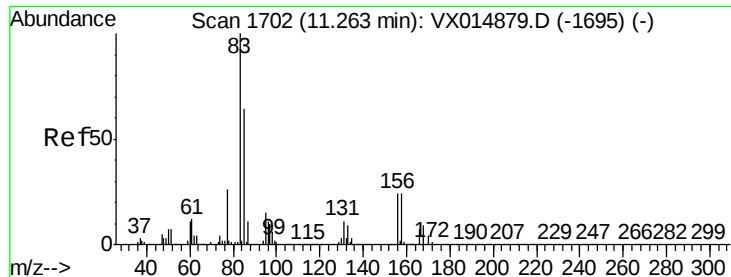
43 100

70 44.8 35.0 52.4

55 25.4 19.4 29.2

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.555 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

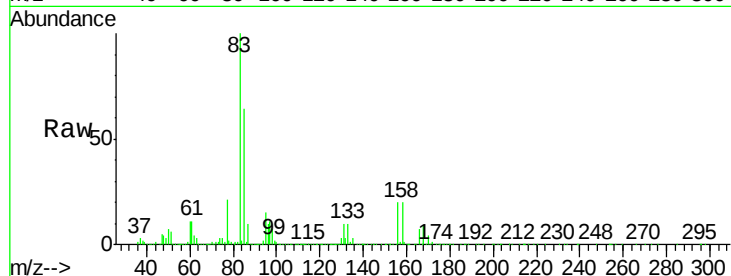
Tot Ion: 83 Resp: 136867

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

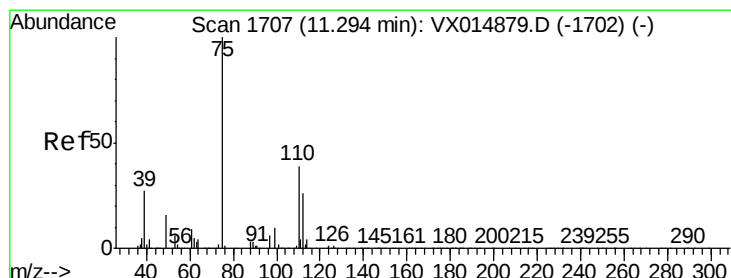
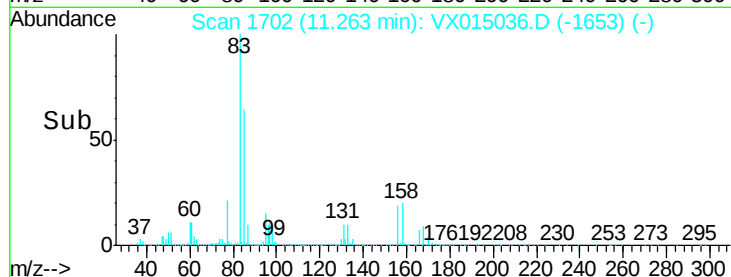
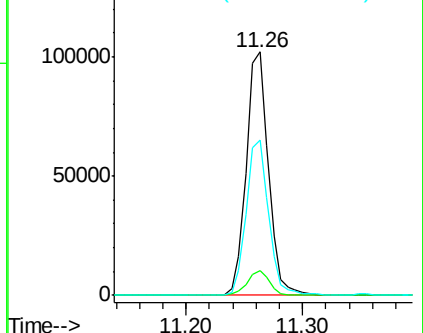
85 64.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.895 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015036.D

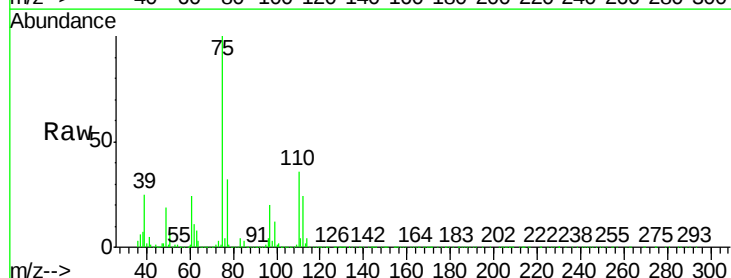
Acq: 27 Feb 2020 10:33

Tgt Ion: 75 Resp: 152103

Ion Ratio Lower Upper

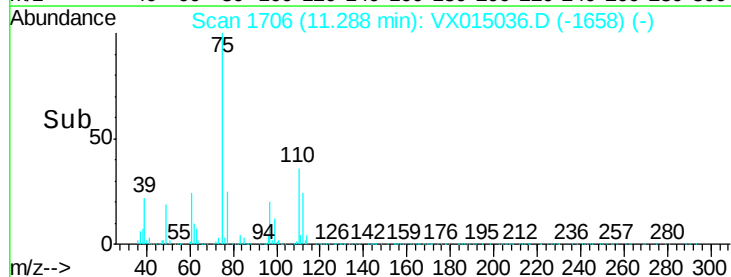
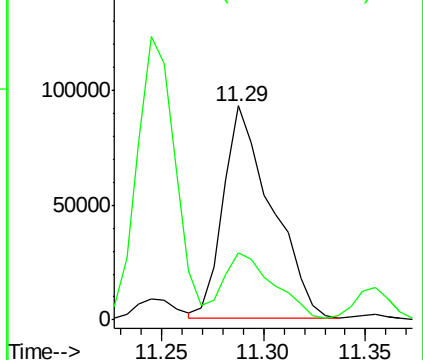
75 100

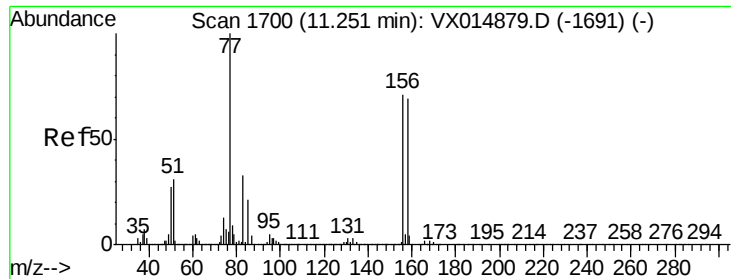
77 33.1 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.075 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

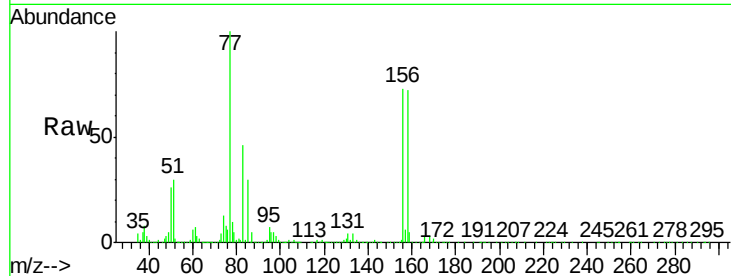
Tot Ion:156 Resp: 108452

Ion Ratio Lower Upper

156 100

77 147.1 74.0 222.0

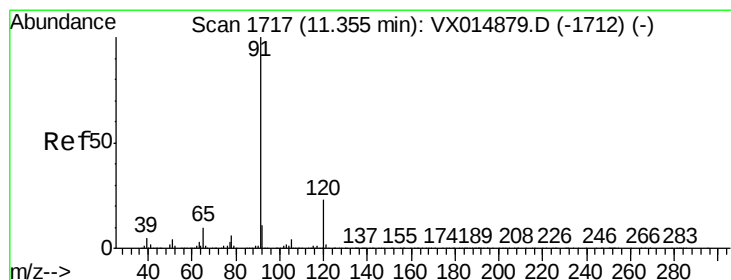
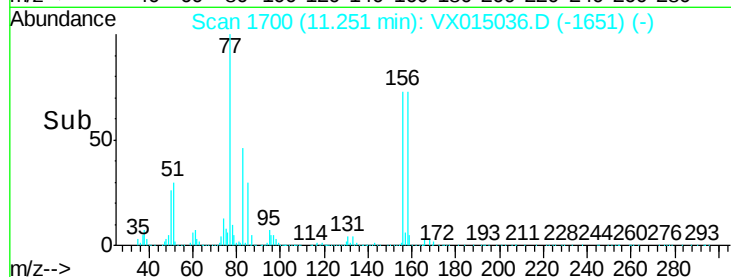
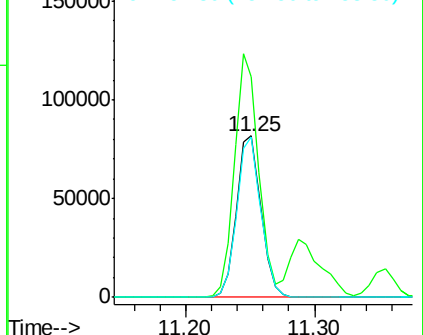
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.874 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015036.D

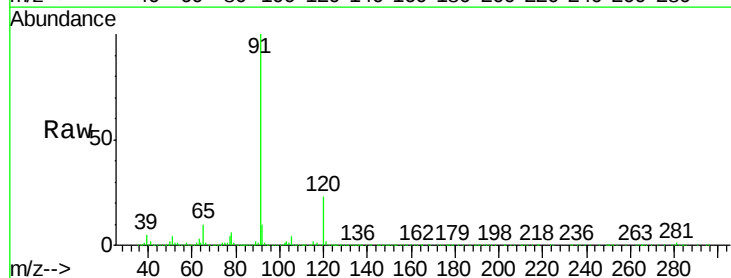
Acq: 27 Feb 2020 10:33

Tgt Ion: 91 Resp: 468222

Ion Ratio Lower Upper

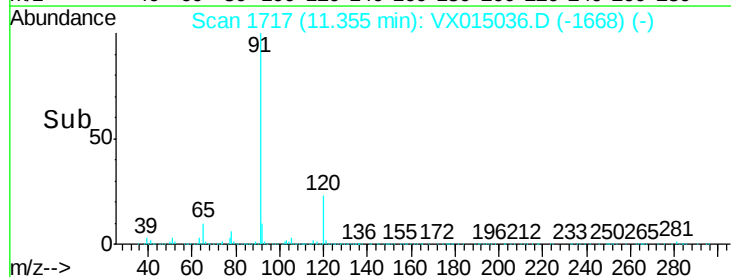
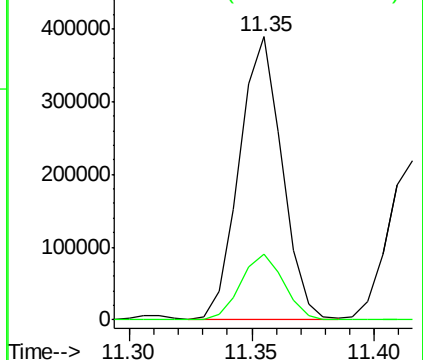
91 100

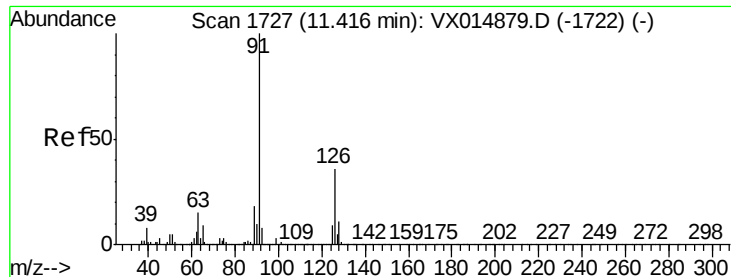
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.865 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

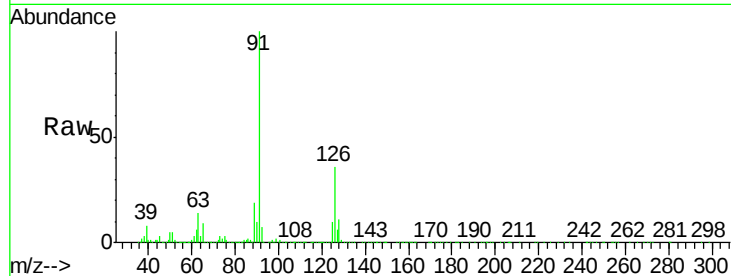
ClientSampleId :

Tot Ion: 91 Resp: 275139

Ion Ratio Lower Upper

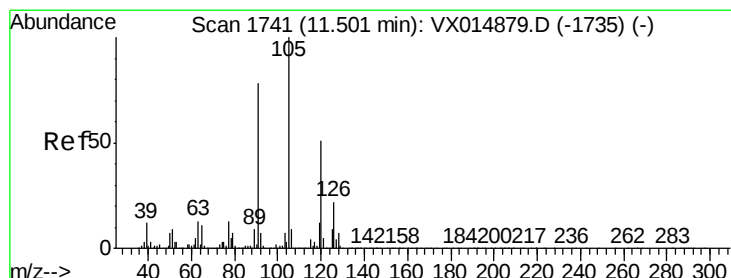
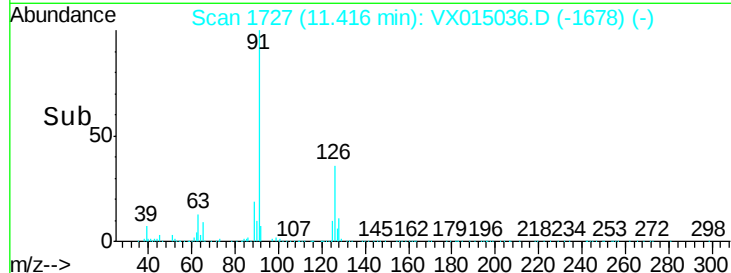
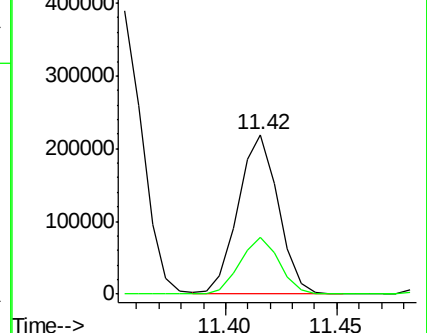
91 100

126 35.3 18.0 54.0



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: 20.038 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015036.D

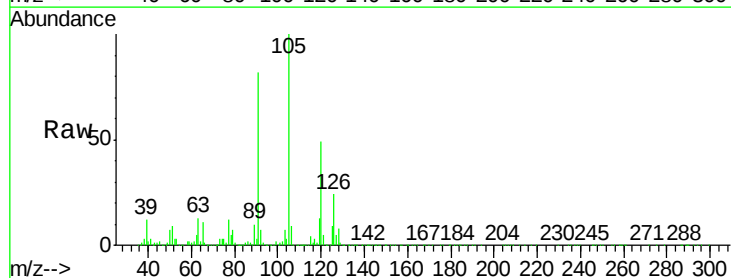
Acq: 27 Feb 2020 10:33

Tgt Ion: 105 Resp: 341044

Ion Ratio Lower Upper

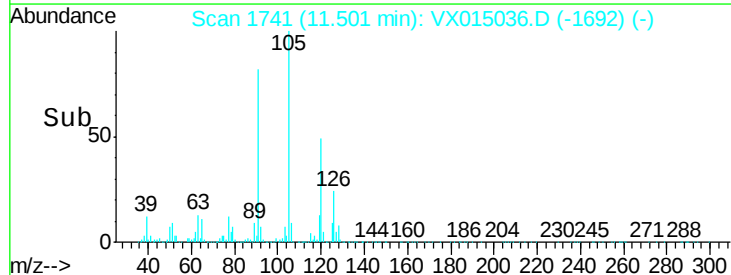
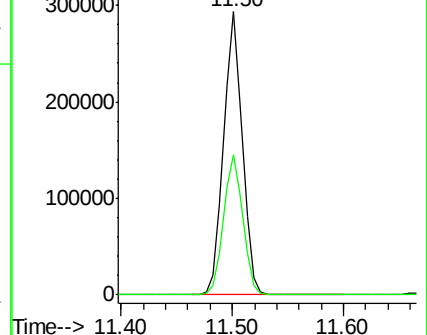
105 100

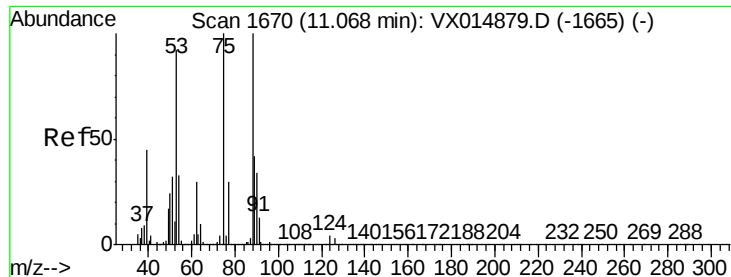
120 50.4 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.194 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampled :

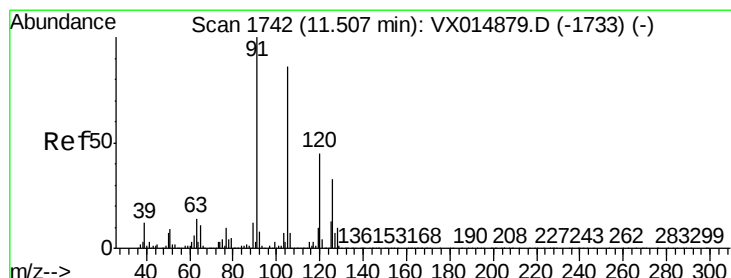
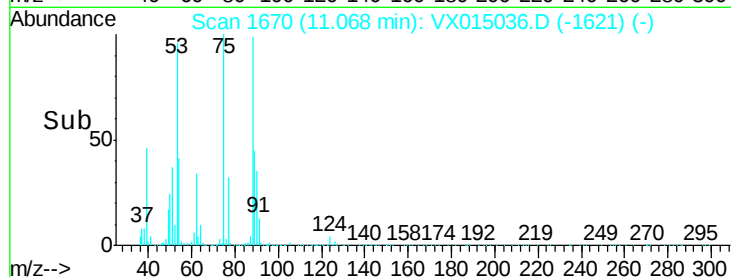
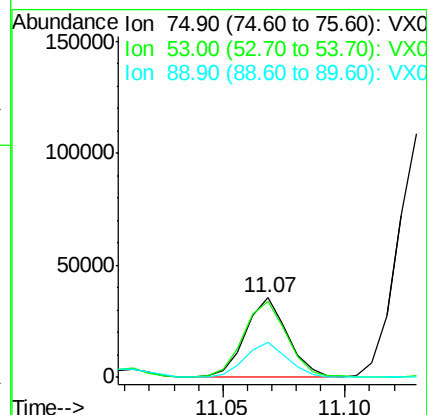
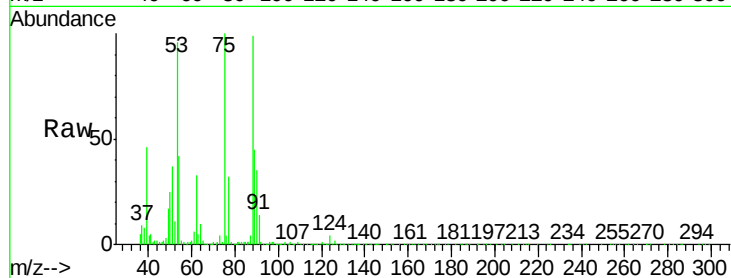
Tot Ion: 75 Resp: 41751

Ion Ratio Lower Upper

75 100

53 99.6 76.2 114.2

89 46.1 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.628 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015036.D

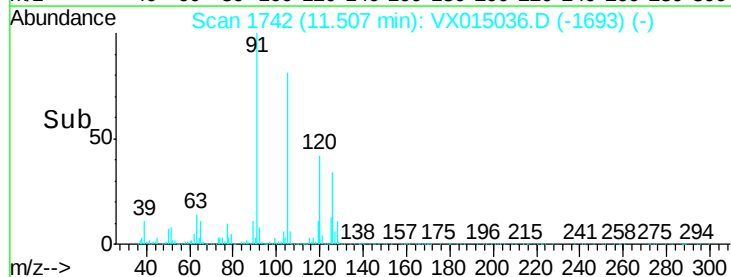
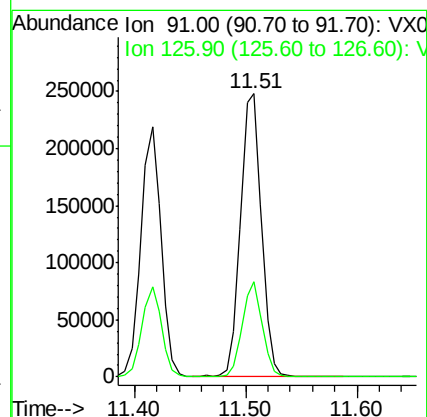
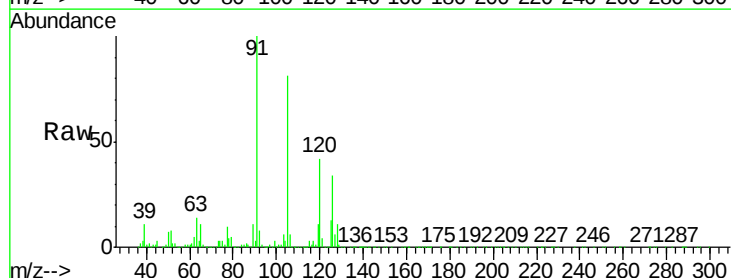
Acq: 27 Feb 2020 10:33

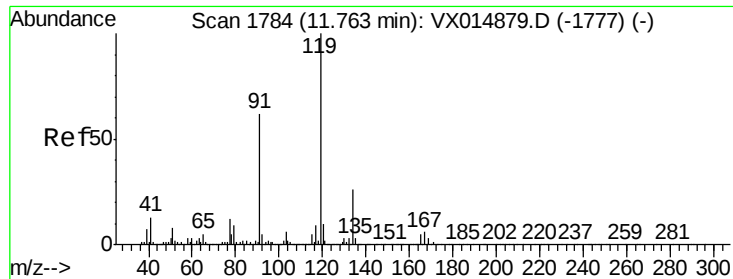
Tgt Ion: 91 Resp: 321948

Ion Ratio Lower Upper

91 100

126 31.8 15.7 47.0

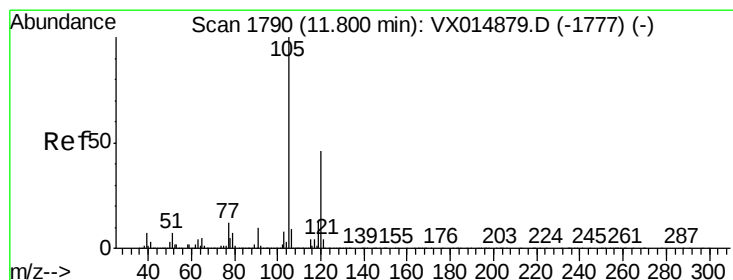
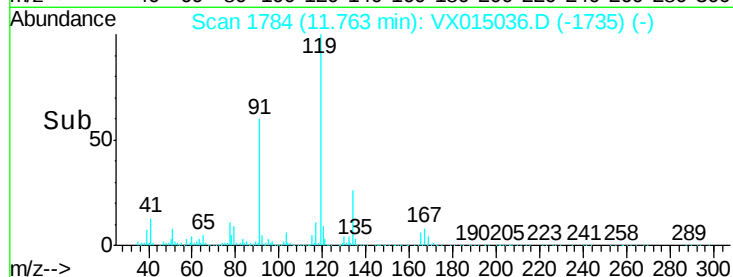
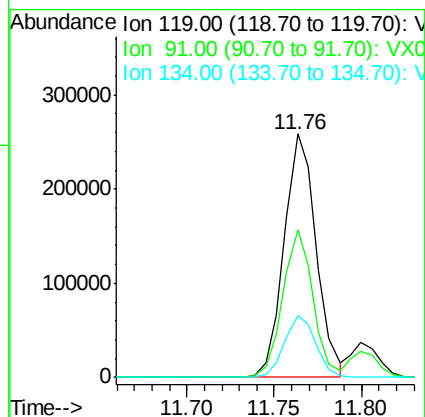
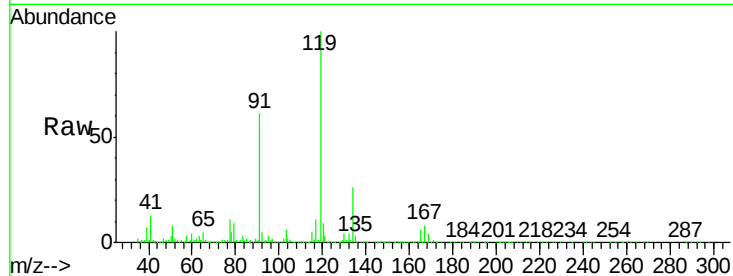




#83
tert-Butylbenzene
Concen: 20.561 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

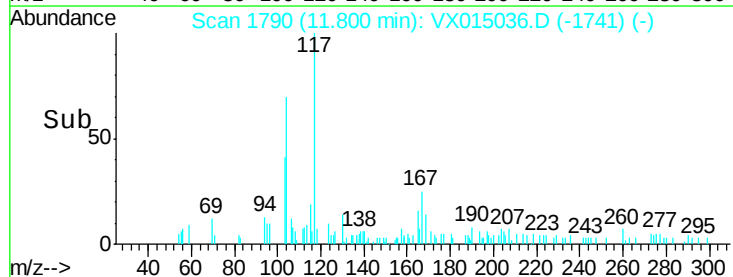
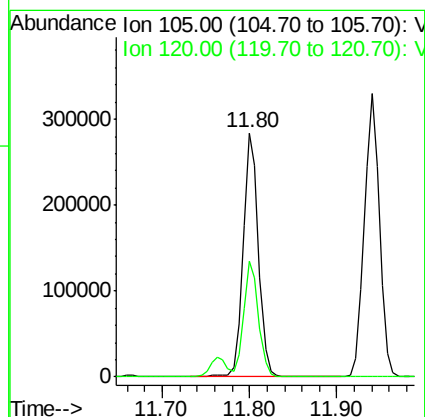
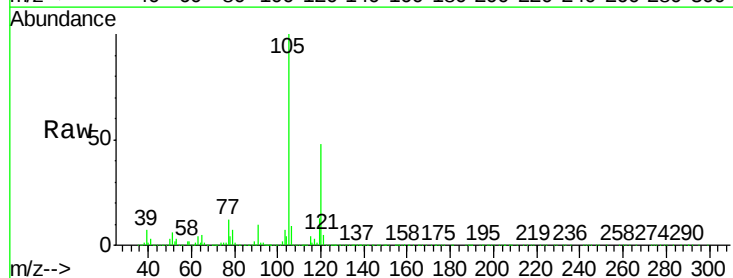
Instrument :
MSVOA_X
ClientSampleId :

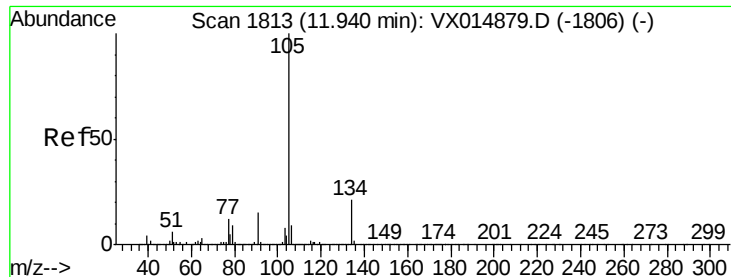
Tot Ion:119 Resp: 331382
Ion Ratio Lower Upper
119 100
91 56.7 29.5 88.6
134 24.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.090 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion:105 Resp: 344599
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.846 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

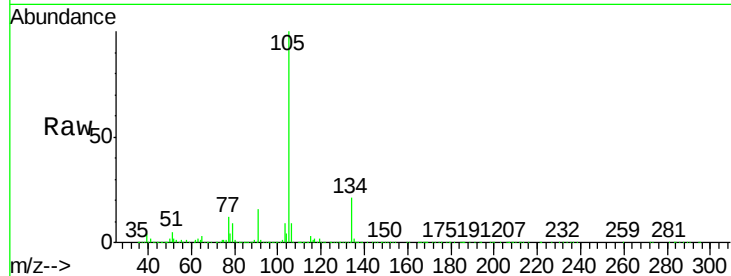
ClientSampleId :

Tot Ion:105 Resp: 397372

Ion Ratio Lower Upper

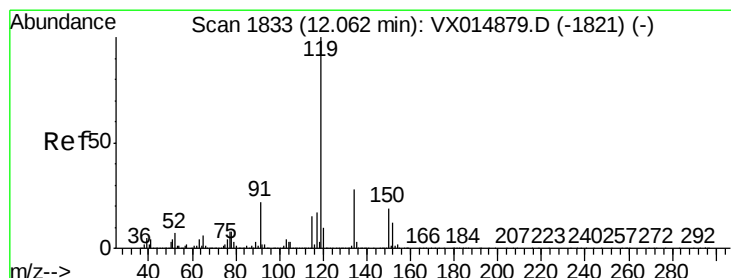
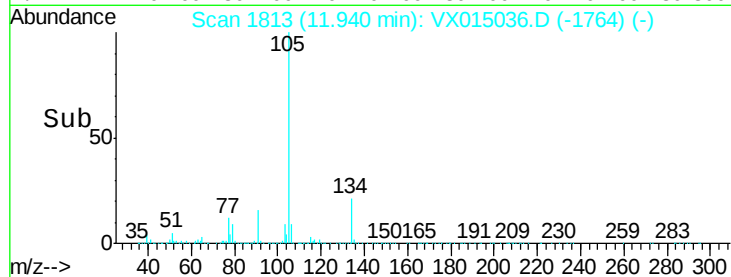
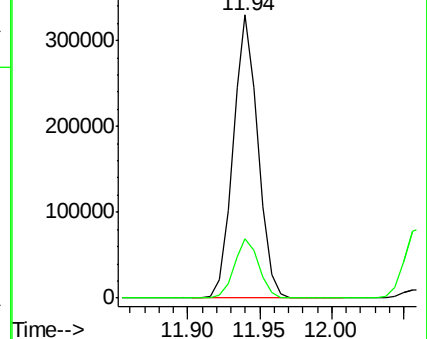
105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.016 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

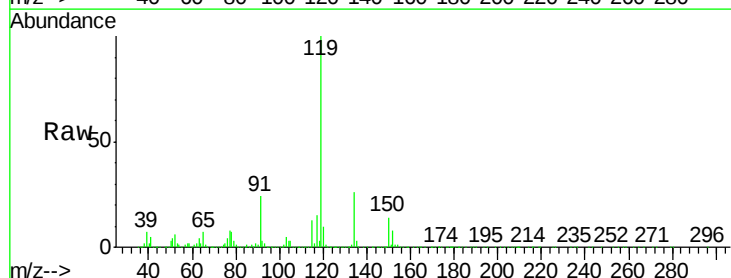
Tgt Ion:119 Resp: 375029

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

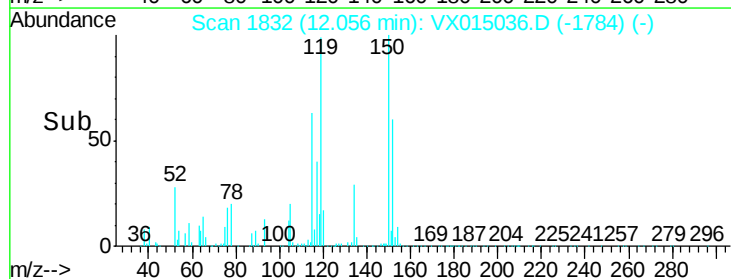
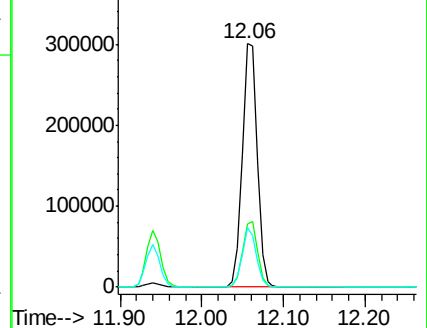
91 22.8 11.4 34.1

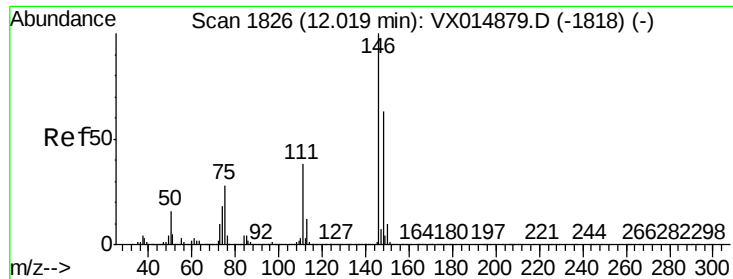


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.964 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

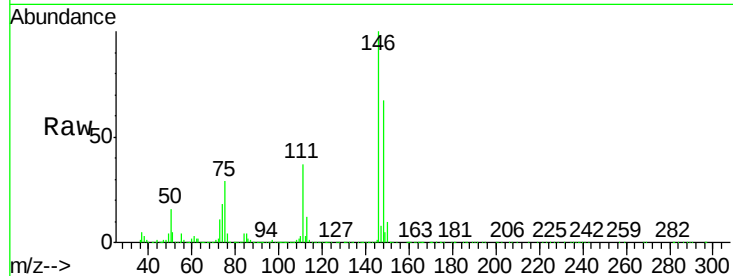
Tot Ion:146 Resp: 193429

Ion Ratio Lower Upper

146 100

111 37.4 18.6 56.0

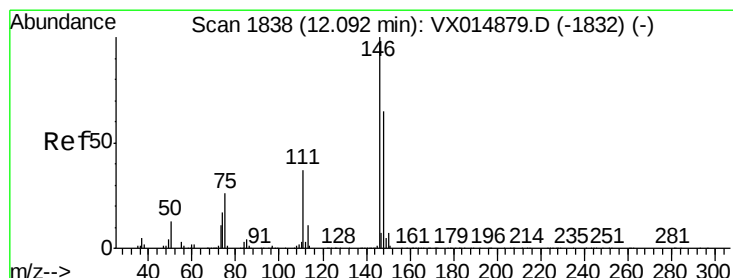
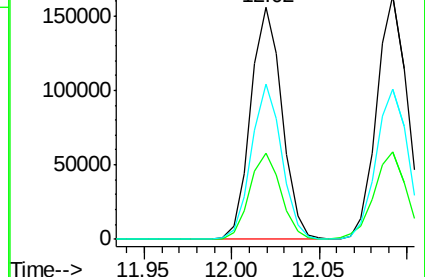
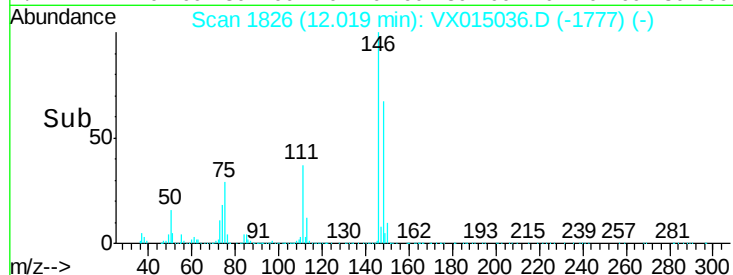
148 65.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.148 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

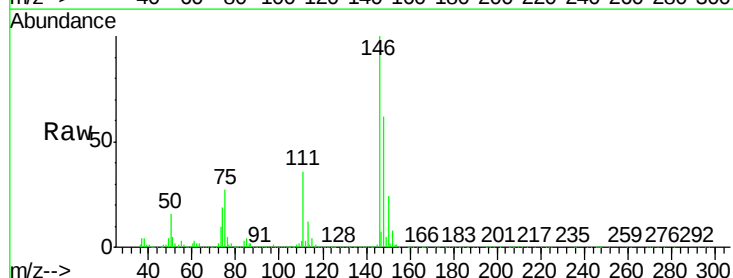
Tgt Ion:146 Resp: 199438

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.6

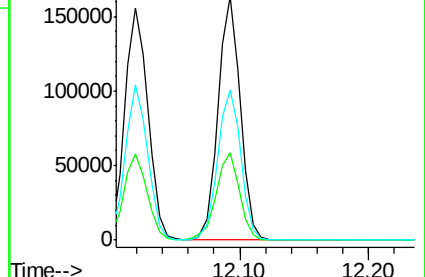
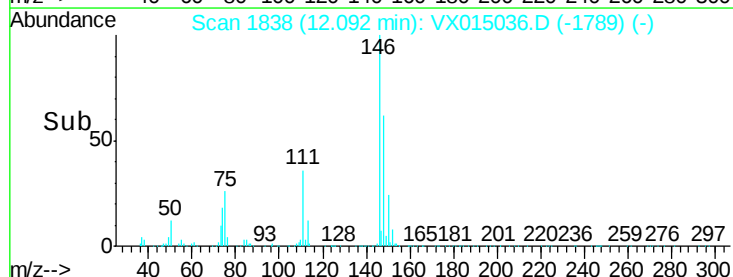
148 64.0 32.4 97.0

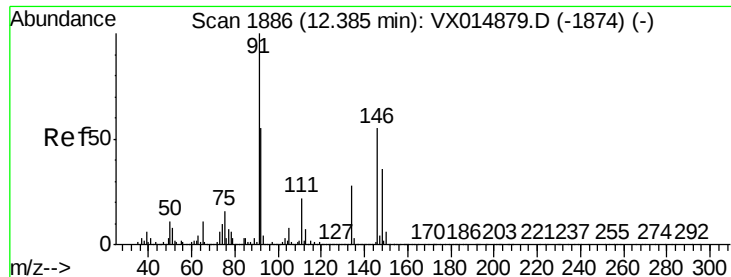


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.535 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

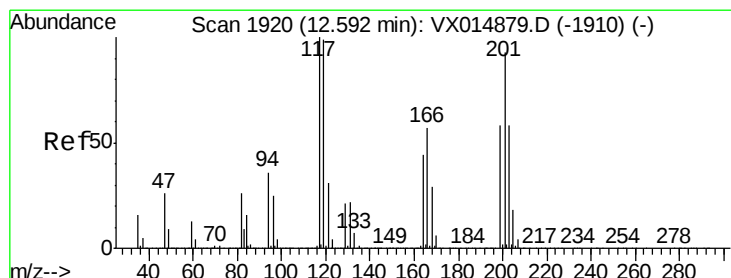
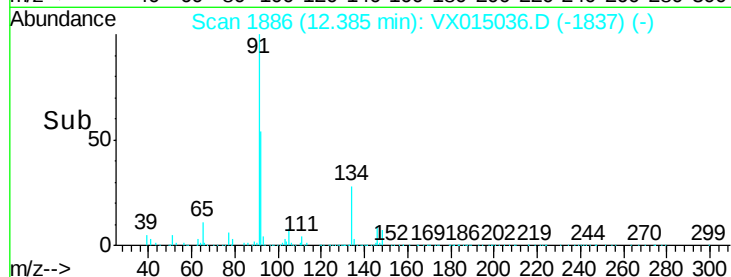
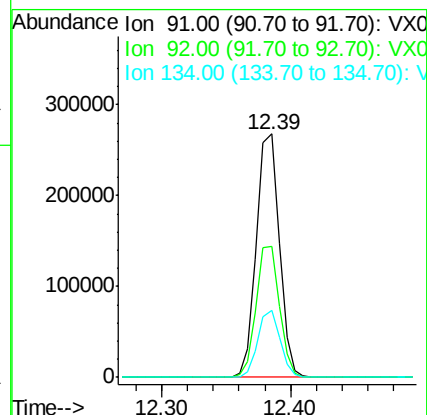
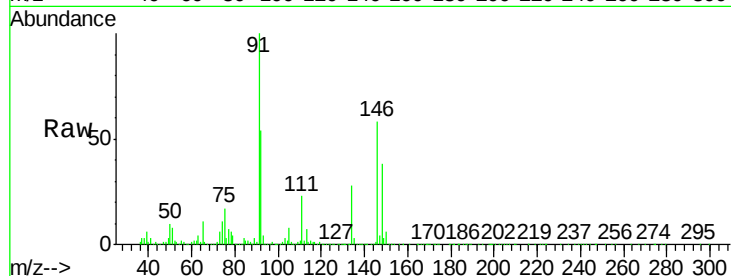
Tot Ion: 91 Resp: 327807

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 26.7 13.8 41.4



#90

Hexachloroethane

Concen: 19.728 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015036.D

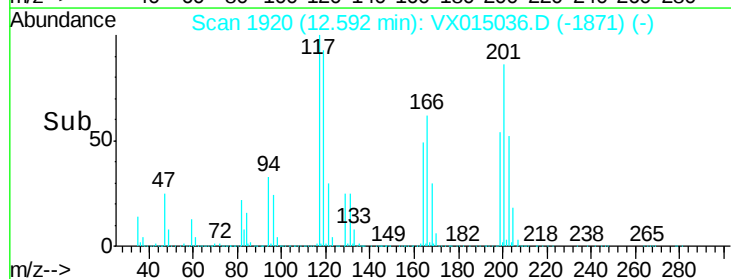
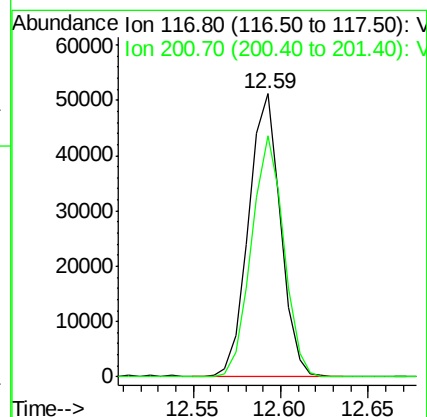
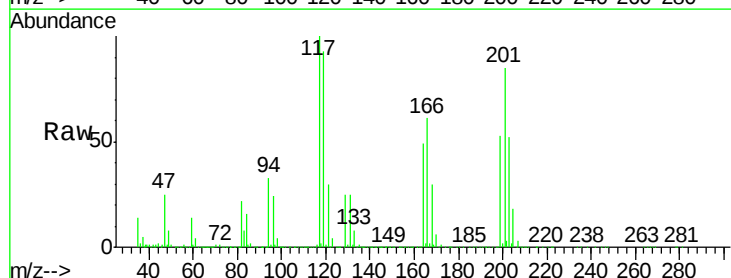
Acq: 27 Feb 2020 10:33

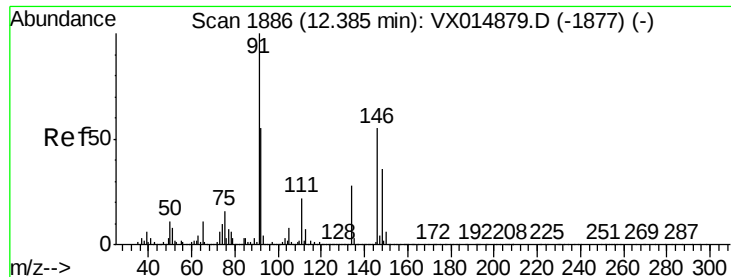
Tgt Ion: 117 Resp: 64552

Ion Ratio Lower Upper

117 100

201 86.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.145 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

Instrument :

MSVOA_X

ClientSampled :

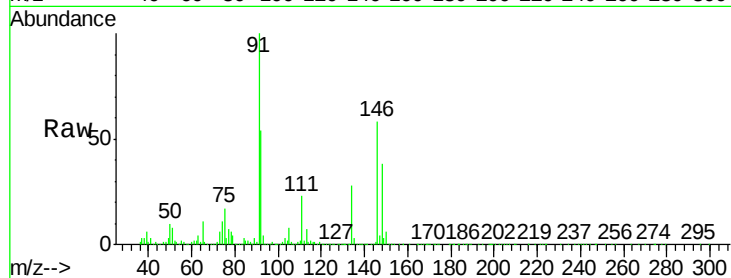
Tot Ion:146 Resp: 191491

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.3

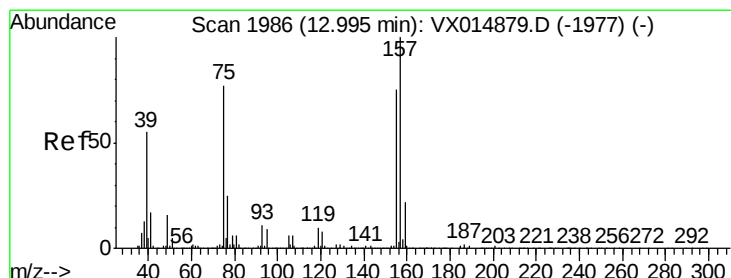
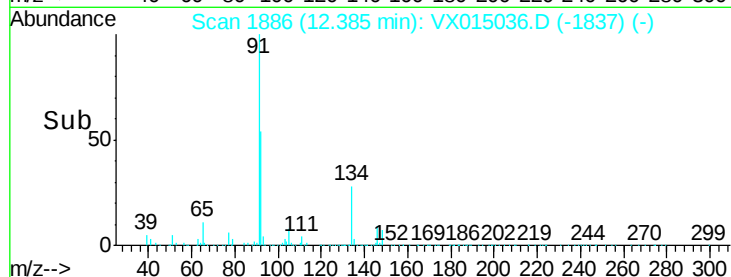
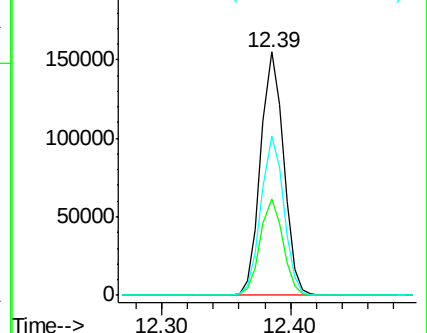
148 64.7 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.262 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015036.D

Acq: 27 Feb 2020 10:33

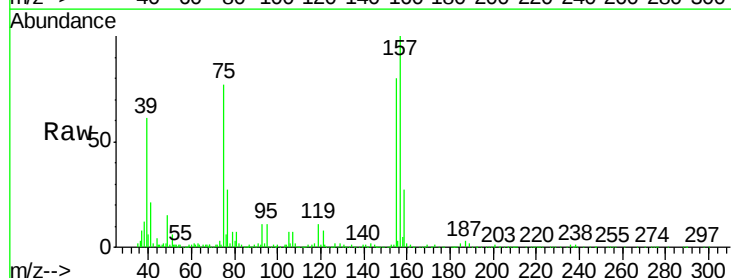
Tgt Ion: 75 Resp: 28528

Ion Ratio Lower Upper

75 100

155 96.0 48.6 145.9

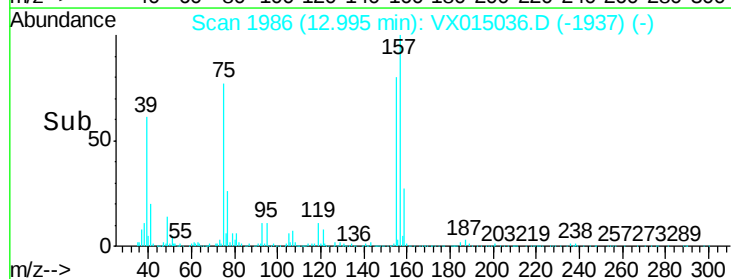
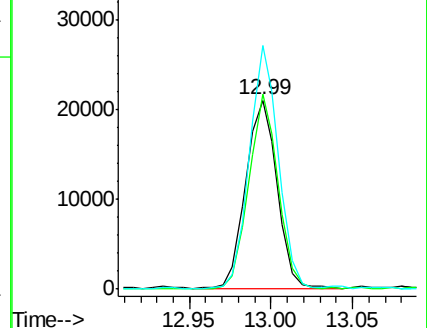
157 118.4 62.0 186.0

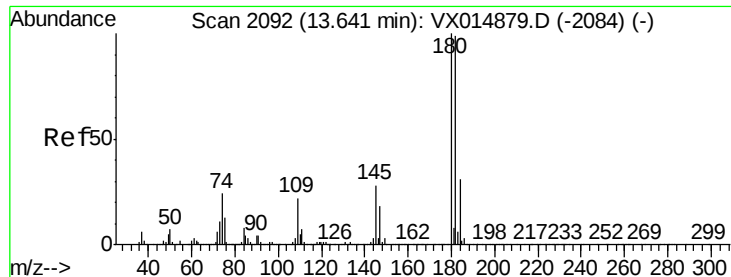


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

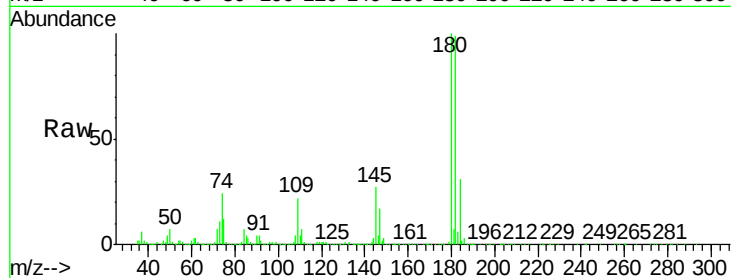




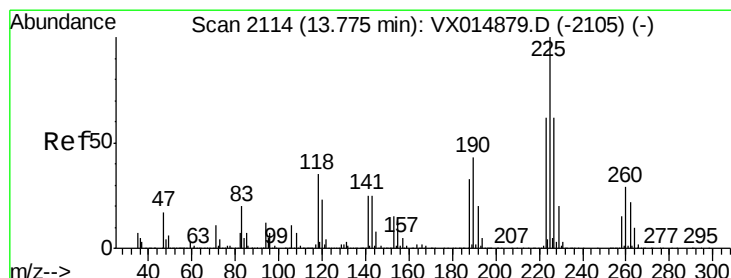
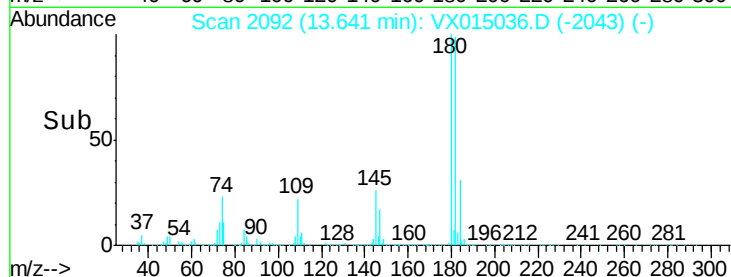
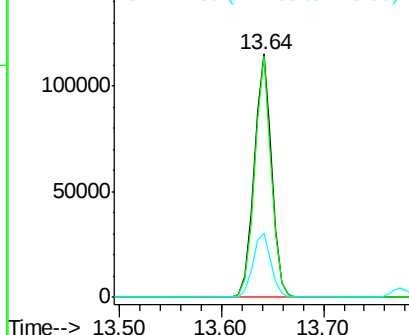
#93
 1,2,4-Trichlorobenzene
 Concen: 18.831 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015036.D
 Acq: 27 Feb 2020 10:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.4	145.3
145	27.4	14.1	42.4

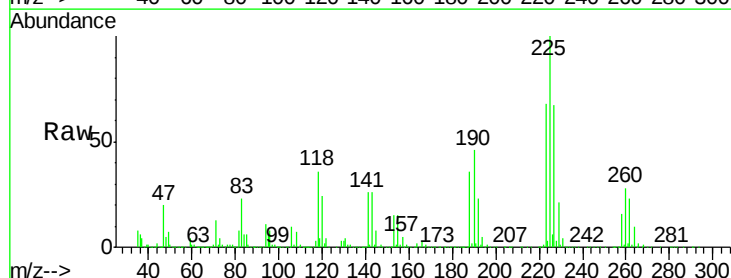


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

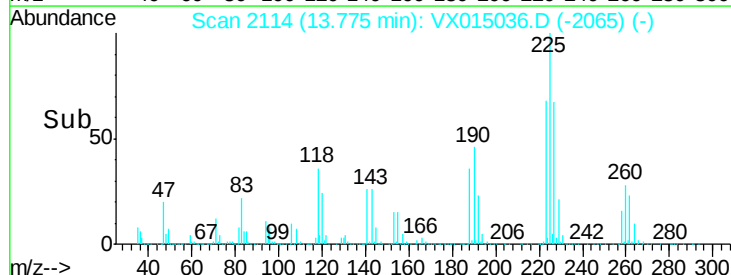
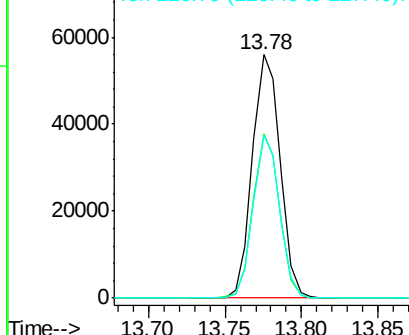


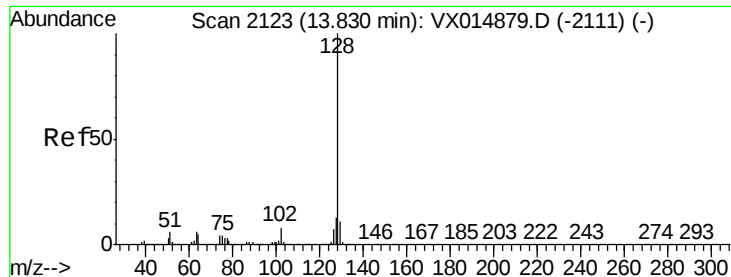
#94
 Hexachlorobutadiene
 Concen: 19.823 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015036.D
 Acq: 27 Feb 2020 10:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	63.2	30.9	92.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

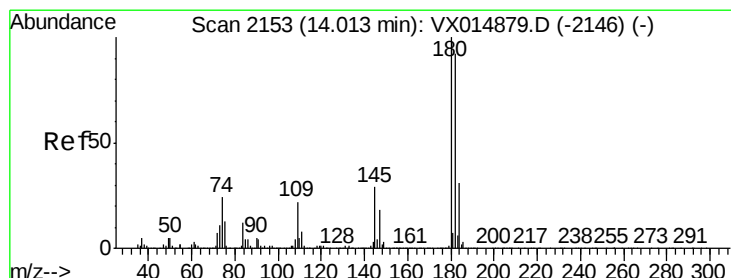
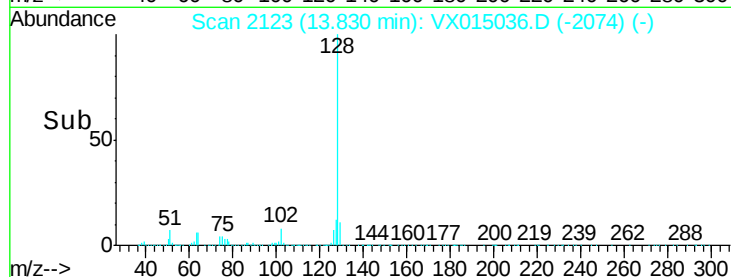
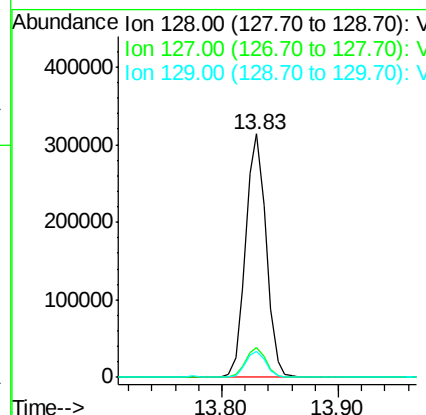
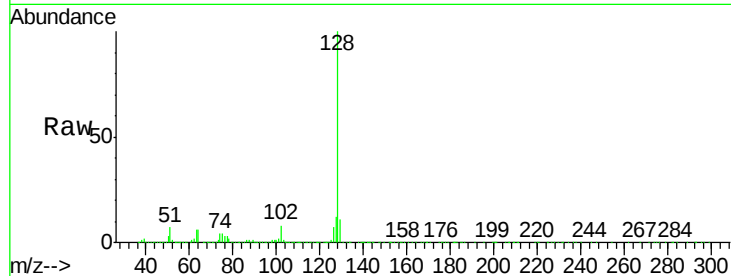




#95
Naphthalene
Concen: 19.741 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 387512
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.929 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015036.D
Acq: 27 Feb 2020 10:33

Tgt Ion:180 Resp: 135018
Ion Ratio Lower Upper
180 100
182 98.8 47.5 142.6
145 31.4 14.5 43.5

