

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004420.D
 Acq On : 07 Sep 2018 20:59
 Operator : JC/MD
 Sample : VX0907WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Quant Time: Sep 08 03:26:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184171	64.67	ug/l	0.00
Spiked Amount			Recovery	=	129.34%	
35) Dibromofluoromethane	5.50	113	156160	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
50) Toluene-d8	8.71	98	538178	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	219356	55.11	ug/l	0.00
Spiked Amount			Recovery	=	110.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27698	10.94	ug/l	99
3) Chloromethane	1.32	50	49643	17.93	ug/l	99
4) Vinyl Chloride	1.40	62	47274	16.51	ug/l	97
5) Bromomethane	1.64	94	23495	15.24	ug/l	98
6) Chloroethane	1.71	64	42122	19.93	ug/l	99
7) Trichlorofluoromethane	1.92	101	59015	15.04	ug/l	90
8) Diethyl Ether	2.19	74	45212	26.91	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34653	14.10	ug/l	100
10) Methyl Iodide	2.51	142	34755	15.73	ug/l	98
11) Tert butyl alcohol	3.07	59	95306	156.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41054	17.74	ug/l	98
13) Acrolein	2.29	56	18407	125.77	ug/l #	81
14) Allyl chloride	2.72	41	100117	23.54	ug/l	94
15) Acrylonitrile	3.15	53	210760	140.19	ug/l	99
16) Acetone	2.45	43	173910	146.24	ug/l	99
17) Carbon Disulfide	2.56	76	99946	16.10	ug/l	100
18) Methyl Acetate	2.78	43	159462	37.73	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	213722	28.02	ug/l	98
20) Methylene Chloride	2.85	84	68591	25.02	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	51242	20.00	ug/l	99
22) Diisopropyl ether	3.87	45	206005	25.94	ug/l	99
23) Vinyl Acetate	3.82	43	792482	123.13	ug/l	98
24) 1,1-Dichloroethane	3.69	63	109631	23.69	ug/l	99
25) 2-Butanone	4.70	43	268231	139.30	ug/l	99
26) 2,2-Dichloropropane	4.58	77	59474	16.39	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	68210	23.47	ug/l	96
28) Bromochloromethane	5.02	49	56944	27.79	ug/l	98
29) Tetrahydrofuran	5.17	42	169074	138.18	ug/l	99
30) Chloroform	5.21	83	112271	24.20	ug/l	95
31) Cyclohexane	5.57	56	57193	14.32	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	76123	19.68	ug/l	99
36) 1,1-Dichloropropene	5.79	75	61683	14.44	ug/l	97
37) Ethyl Acetate	4.86	43	93825	22.34	ug/l	99
38) Carbon Tetrachloride	5.77	117	58209	14.49	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	54851	11.25	ug/l	98
40) Benzene	6.14	78	246325	19.30	ug/l	100
41) Methacrylonitrile	5.06	41	56205	23.09	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92257	21.19	ug/l	99
43) Isopropyl Acetate	6.46	43	145136	22.49	ug/l	99
44) Trichloroethene	7.21	130	61248	17.34	ug/l	96
45) 1,2-Dichloropropane	7.51	63	68400	21.42	ug/l	100
46) Dibromomethane	7.66	93	45576	21.43	ug/l	98
47) Bromodichloromethane	7.90	83	83333	21.06	ug/l	99
48) Methyl methacrylate	7.78	41	78150	22.63	ug/l	99
49) 1,4-Dioxane	7.76	88	39336	501.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	522848	111.49	ug/l	100
52) Toluene	8.79	92	151584	18.98	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	89453	20.47	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	99668	20.93	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	73260	22.72	ug/l	99
56) Ethyl methacrylate	9.18	69	100108	22.80	ug/l	97
57) 1,3-Dichloropropane	9.37	76	121396	22.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	263642	117.21	ug/l	99
59) 2-Hexanone	9.50	43	394306	110.21	ug/l	100
60) Dibromochloromethane	9.59	129	67752	21.56	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73069	21.90	ug/l	100
64) Tetrachloroethene	9.34	164	61026	16.75	ug/l	99
65) Chlorobenzene	10.14	112	181153	19.58	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	64734	20.28	ug/l	99
67) Ethyl Benzene	10.25	91	274609	18.27	ug/l	98
68) m/p-Xylenes	10.36	106	210029	35.74	ug/l	99
69) o-Xylene	10.70	106	106867	19.23	ug/l	100
70) Styrene	10.71	104	183290	20.36	ug/l	100
71) Bromoform	10.86	173	51627	20.07	ug/l #	98
73) Isopropylbenzene	11.02	105	266131	17.10	ug/l	100
74) N-amyl acetate	10.90	43	120610	20.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	112838	20.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120653	25.03	ug/l	87
77) Bromobenzene	11.26	156	85768	19.64	ug/l	98
78) n-propylbenzene	11.36	91	296948	16.59	ug/l	100
79) 2-Chlorotoluene	11.42	91	202003	18.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230905	17.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26729	17.99	ug/l	96
82) 4-Chlorotoluene	11.51	91	235658	18.17	ug/l	99
83) tert-Butylbenzene	11.77	119	218473	16.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	246897	18.66	ug/l	98
85) sec-Butylbenzene	11.94	105	245249	15.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	228602	16.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150469	18.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156936	18.11	ug/l	98
89) n-Butylbenzene	12.39	91	170347	15.18	ug/l	97
90) Hexachloroethane	12.60	117	31746	16.46	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	150241	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19317	20.13	ug/l	95

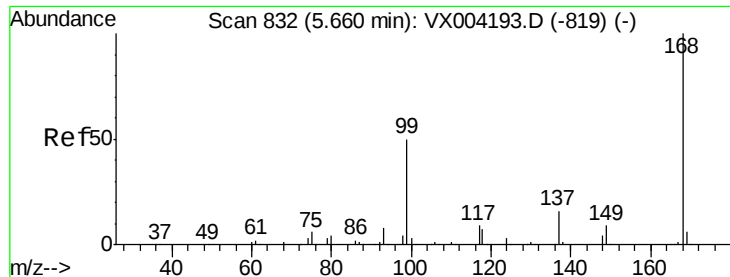
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004420.D
Acq On : 07 Sep 2018 20:59
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Quant Time: Sep 08 03:26:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102346	18.72	ug/l	98
94) Hexachlorobutadiene	13.79	225	39123	15.29	ug/l	97
95) Naphthalene	13.83	128	338659	21.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115496	19.96	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

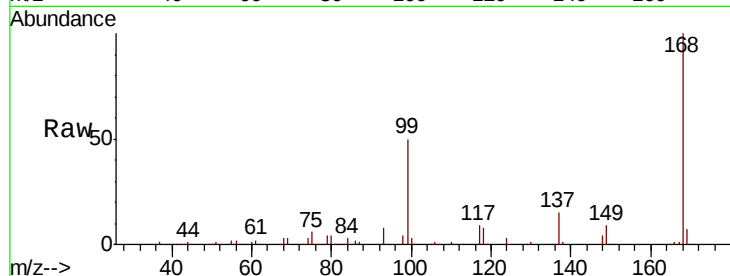
VX0907WBSD01

Tot Ion:168 Resp: 218505

Ion Ratio Lower Upper

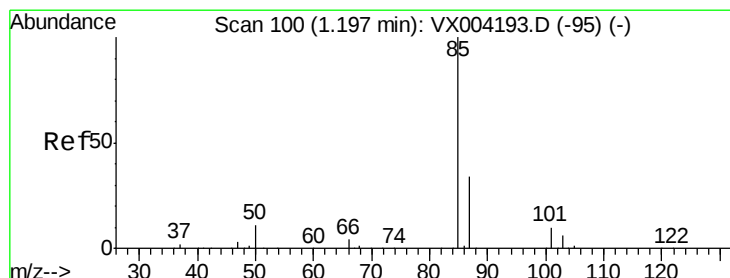
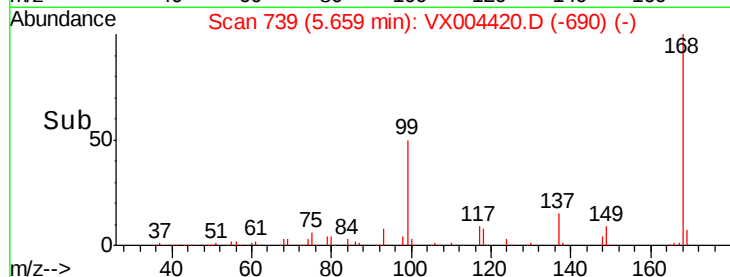
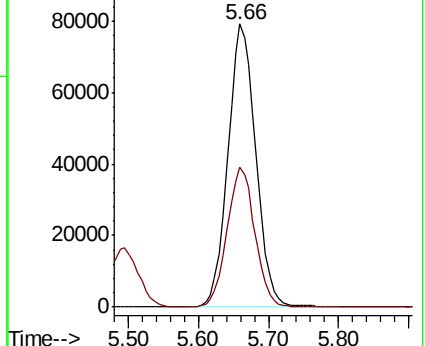
168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 10.94 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004420.D

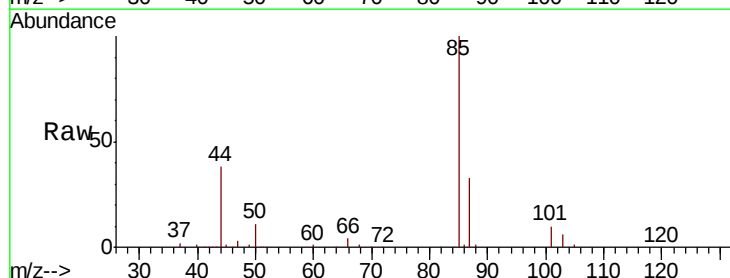
Acq: 07 Sep 2018 20:59

Tgt Ion: 85 Resp: 27698

Ion Ratio Lower Upper

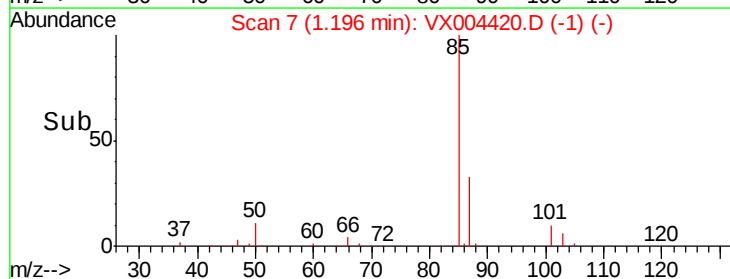
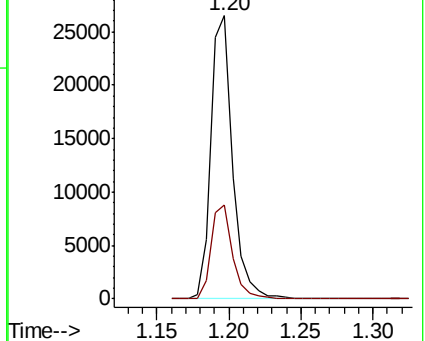
85 100

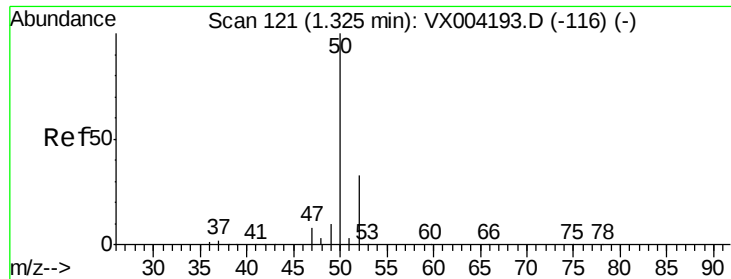
87 33.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.93 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

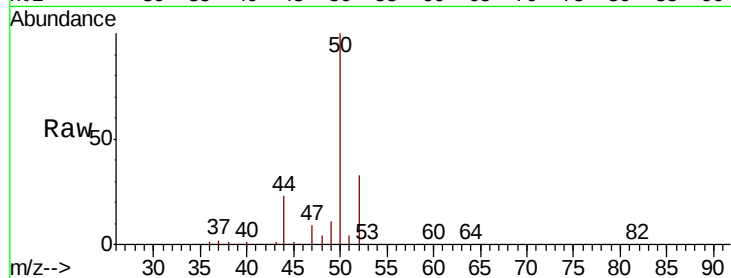
VX0907WBSD01

Tot Ion: 50 Resp: 49643

Ion Ratio Lower Upper

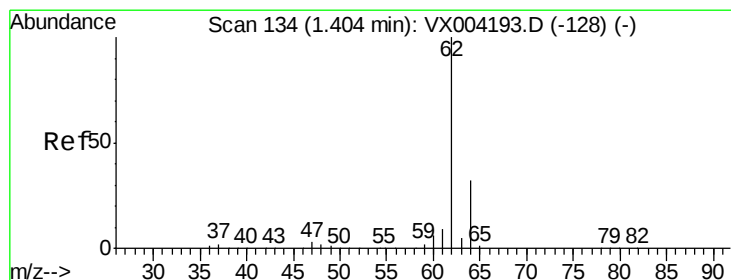
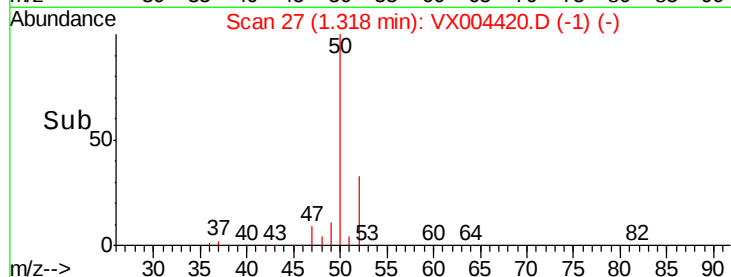
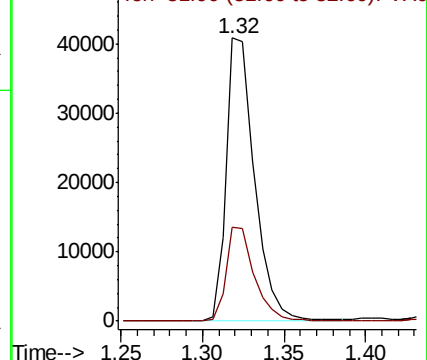
50 100

52 33.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.51 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004420.D

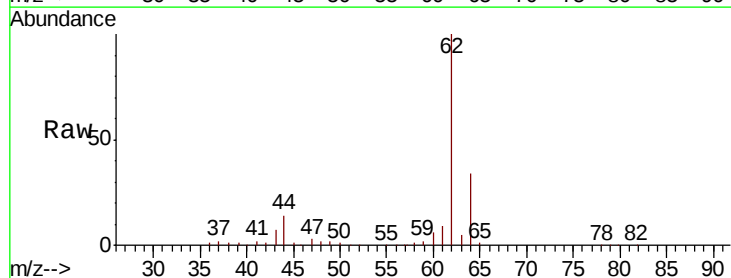
Acq: 07 Sep 2018 20:59

Tgt Ion: 62 Resp: 47274

Ion Ratio Lower Upper

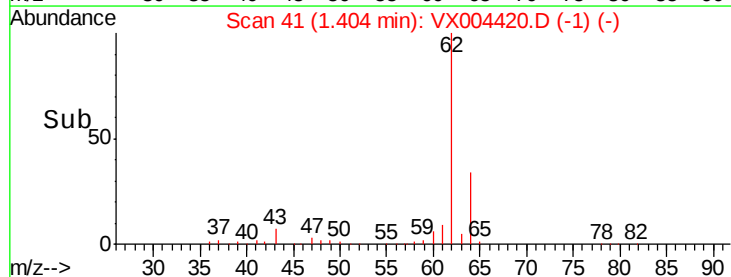
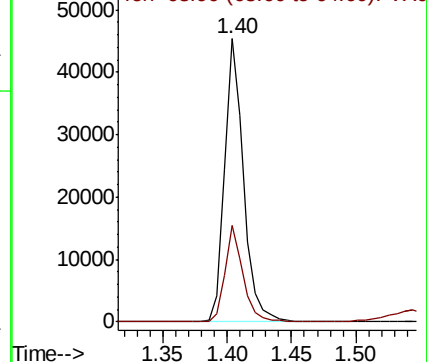
62 100

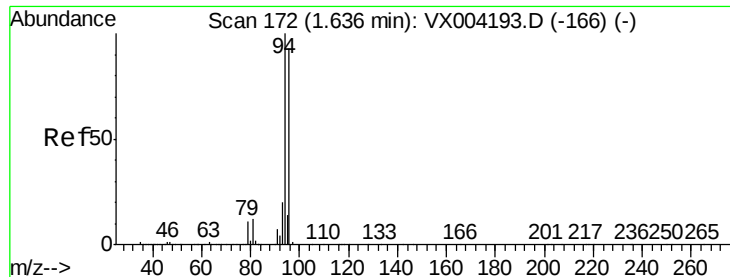
64 34.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.24 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

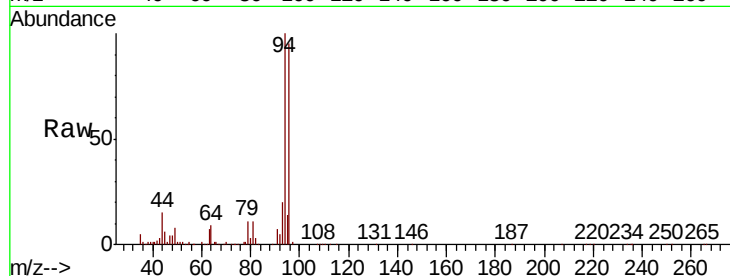
VX0907WBSD01

Tot Ion: 94 Resp: 23495

Ion Ratio Lower Upper

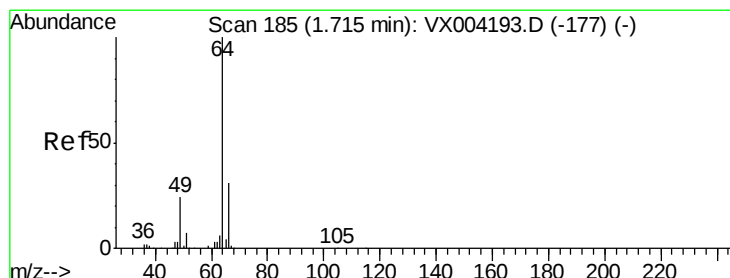
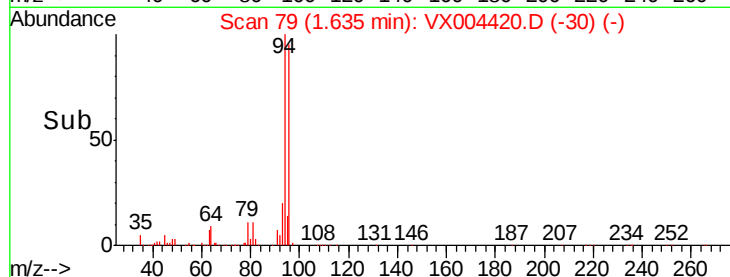
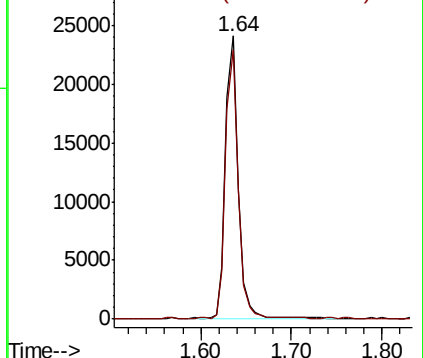
94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.93 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004420.D

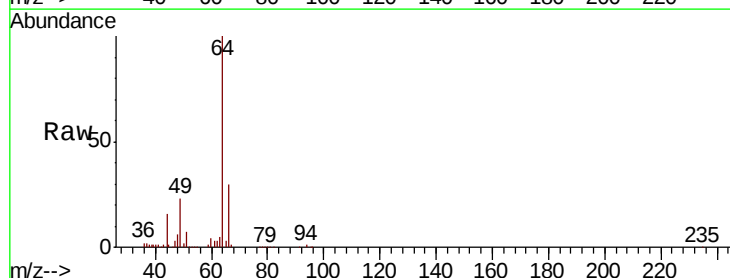
Acq: 07 Sep 2018 20:59

Tgt Ion: 64 Resp: 42122

Ion Ratio Lower Upper

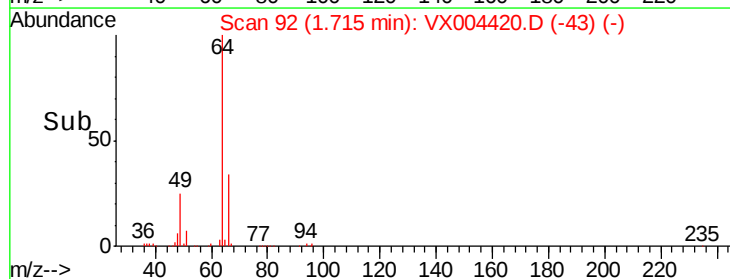
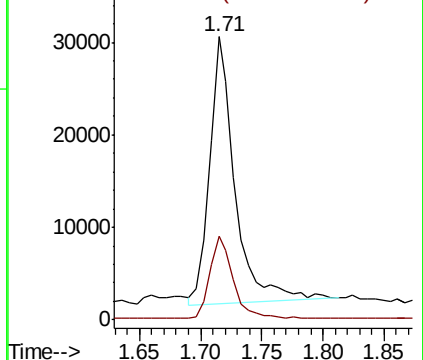
64 100

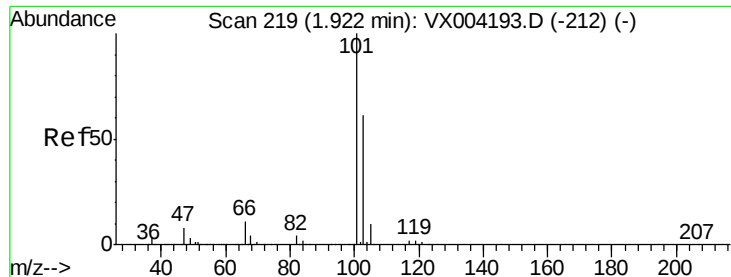
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



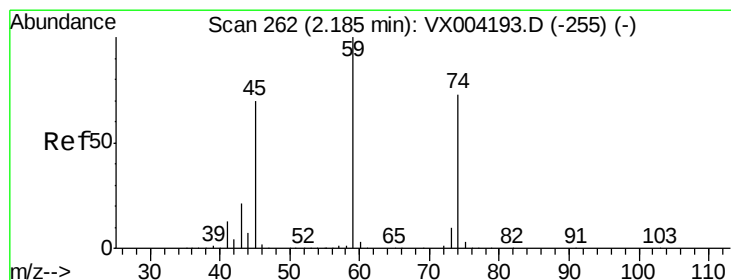
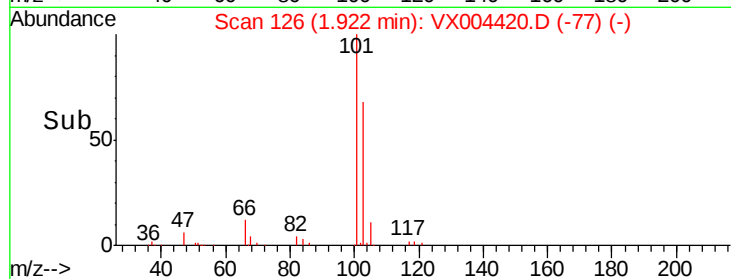
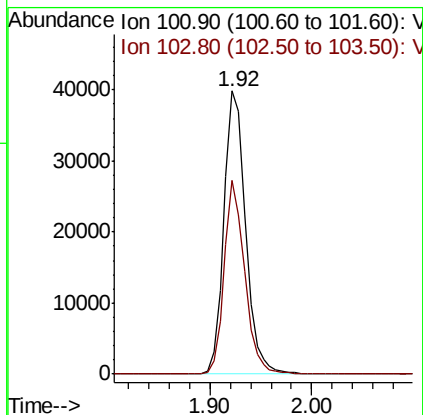
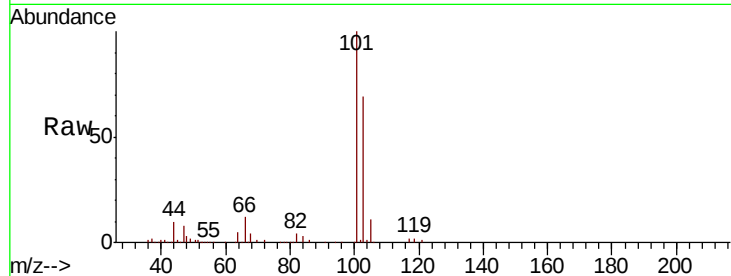


#7

Trichlorofluoromethane
 Concen: 15.04 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

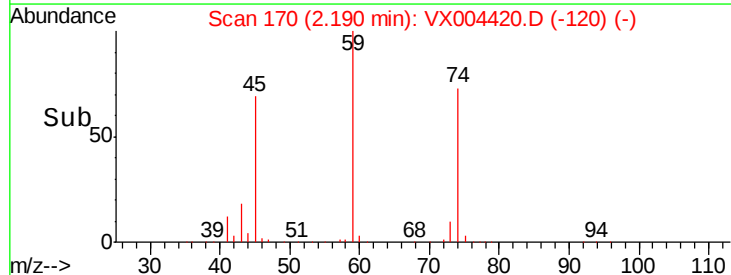
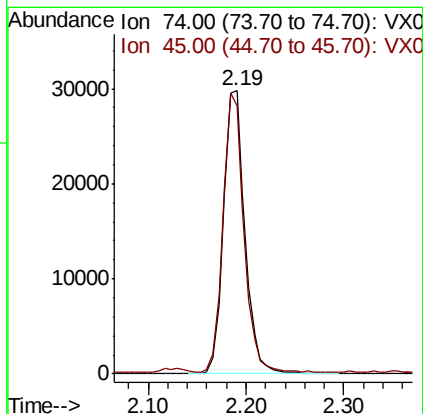
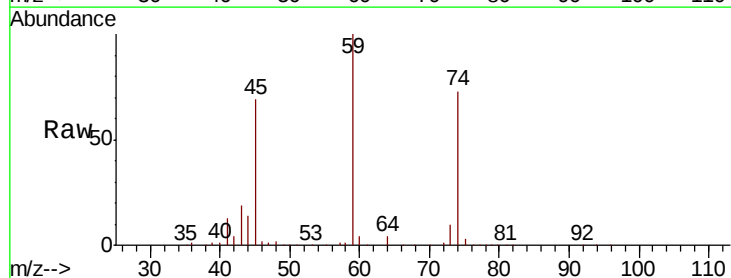
Tot Ion:101 Resp: 59015
 Ion Ratio Lower Upper
 101 100
 103 68.5 48.9 73.3

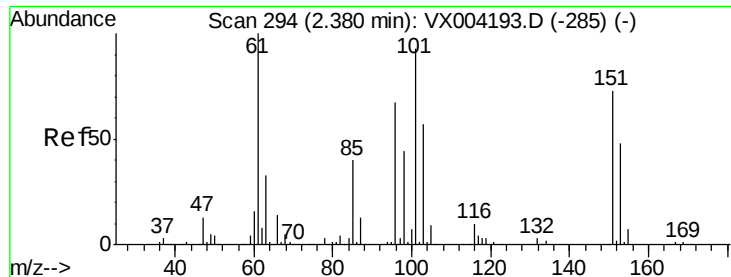


#8

Diethyl Ether
 Concen: 26.91 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion: 74 Resp: 45212
 Ion Ratio Lower Upper
 74 100
 45 95.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.10 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

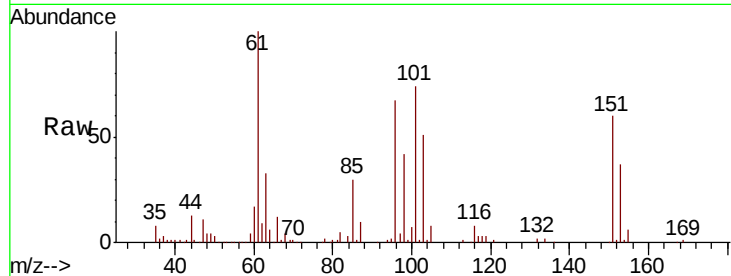
Tot Ion:101 Resp: 34653

Ion Ratio Lower Upper

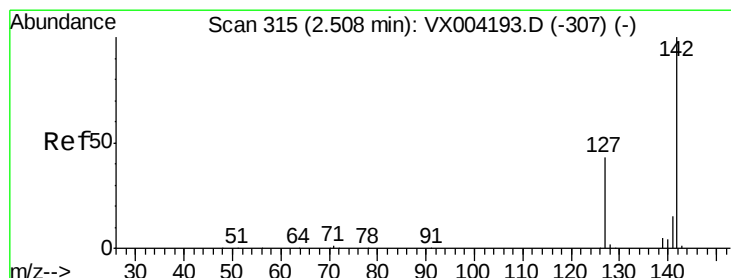
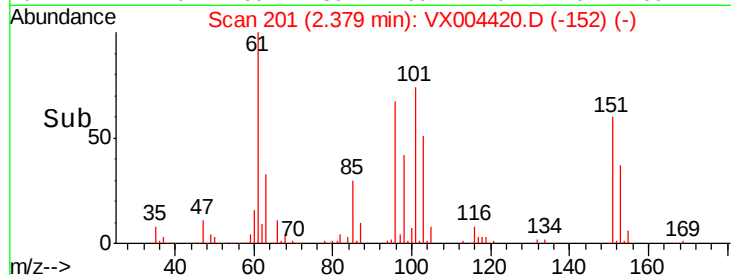
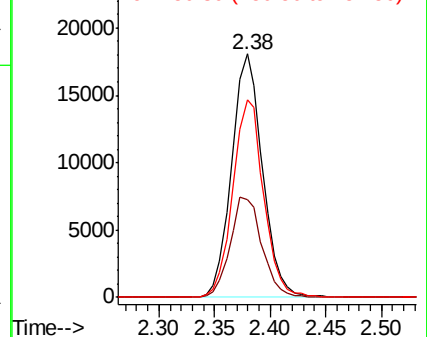
101 100

85 42.5 34.2 51.4

151 81.4 65.0 97.6



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: 15.73 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

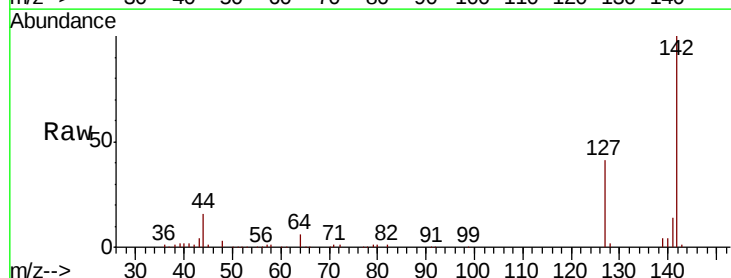
Tgt Ion:142 Resp: 34755

Ion Ratio Lower Upper

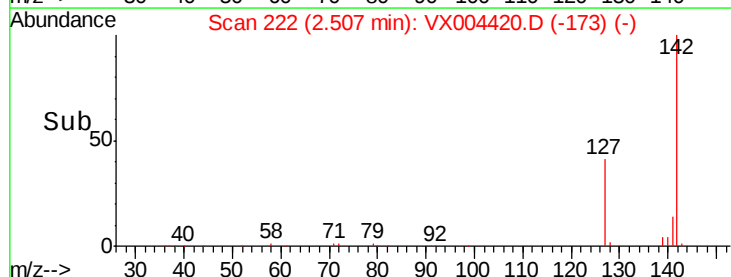
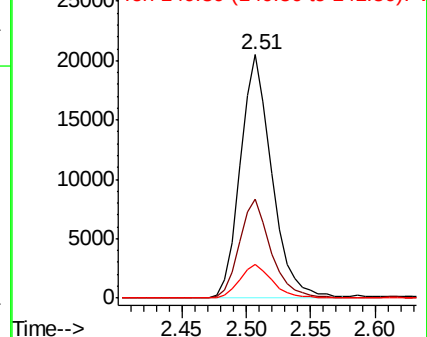
142 100

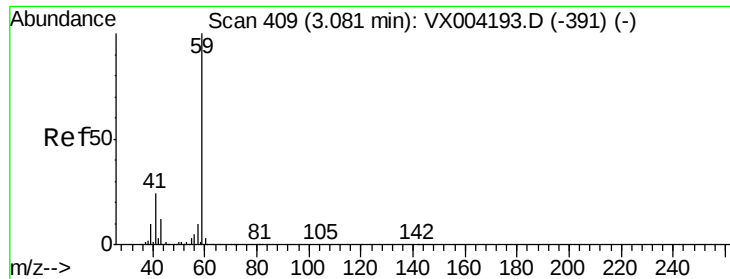
127 40.8 33.8 50.6

141 14.0 11.4 17.0



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

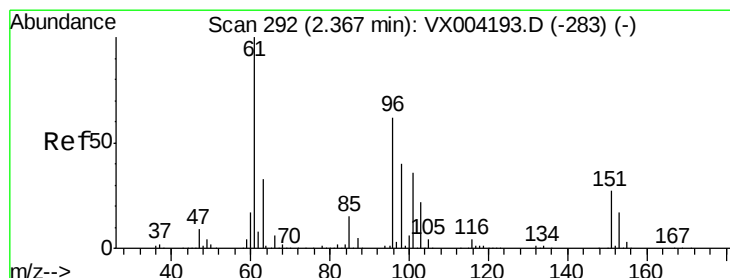
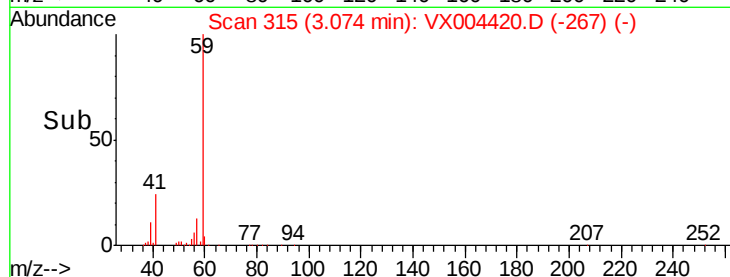
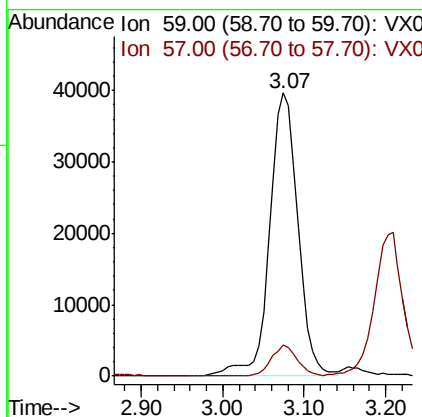
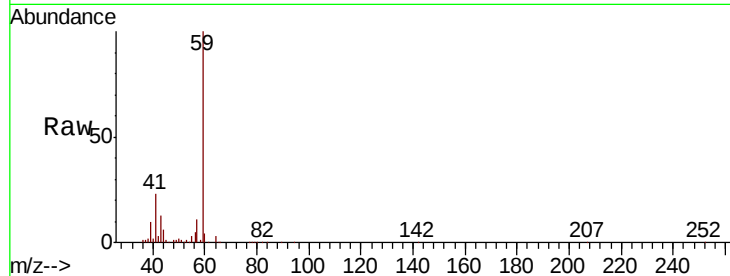




#11
Tert butyl alcohol
Concen: 156.99 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

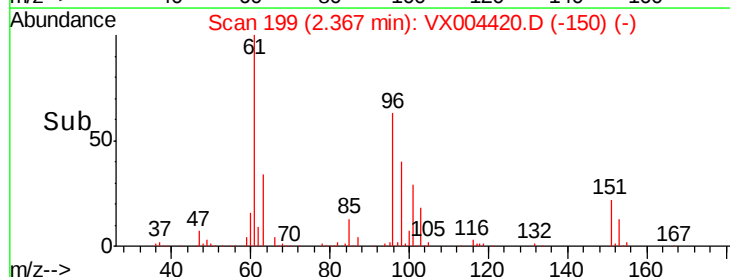
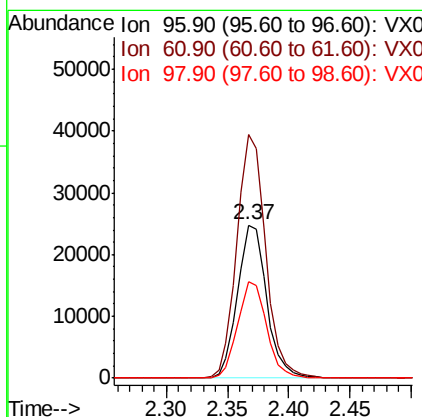
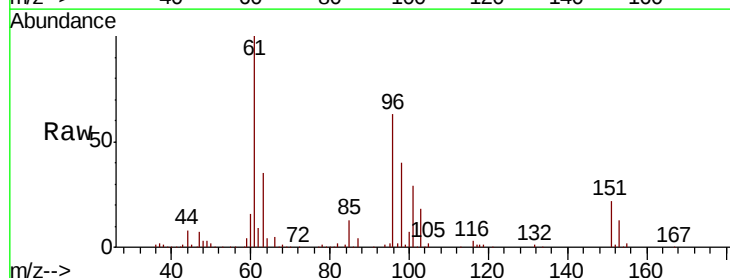
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

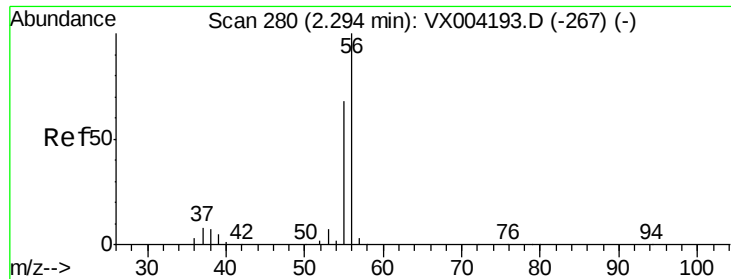
Tot Ion: 59 Resp: 95306
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.74 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 96 Resp: 41054
Ion Ratio Lower Upper
96 100
61 159.3 128.8 193.2
98 63.2 52.2 78.2





#13

Acrolein

Concen: 125.77 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampled :

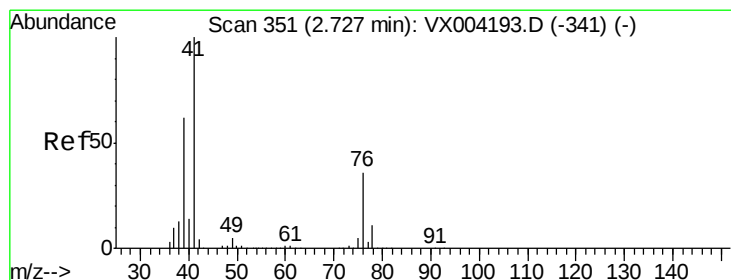
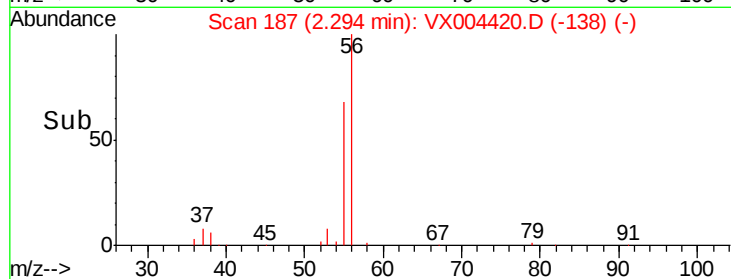
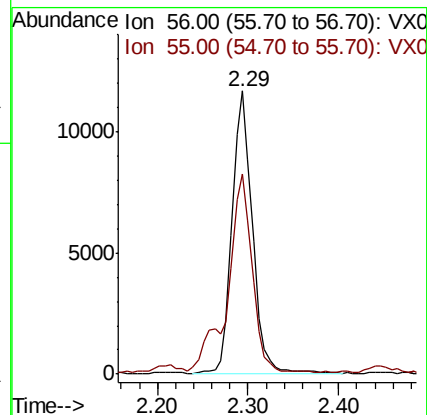
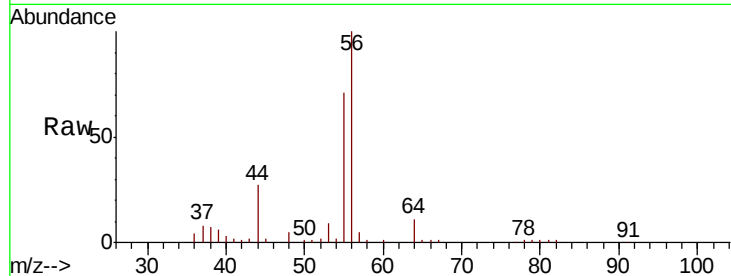
VX0907WBSD01

Tot Ion: 56 Resp: 18407

Ion Ratio Lower Upper

56 100

55 84.0 54.7 82.1#



#14

Allyl chloride

Concen: 23.54 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

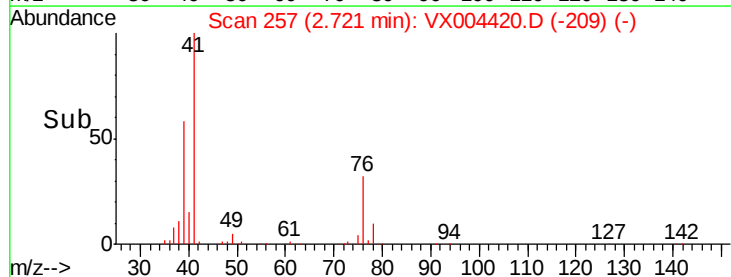
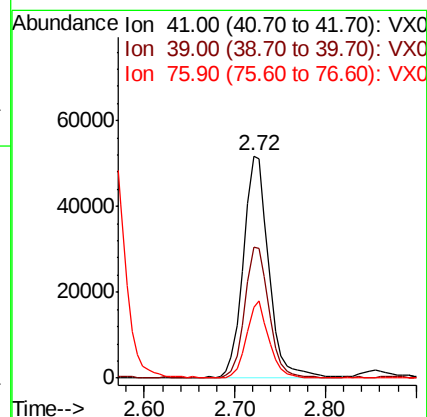
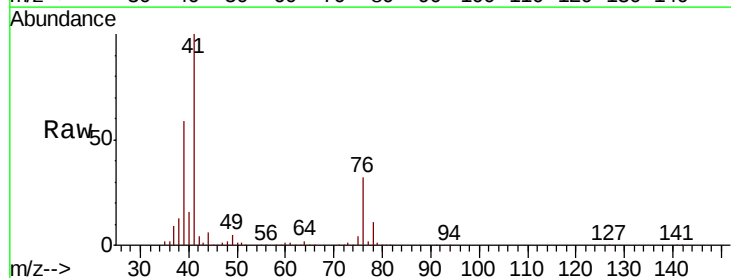
Tgt Ion: 41 Resp: 100117

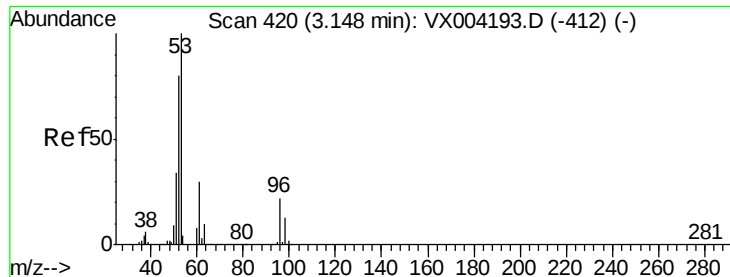
Ion Ratio Lower Upper

41 100

39 56.2 48.9 73.3

76 30.9 26.7 40.1





#15

Acrylonitrile

Concen: 140.19 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

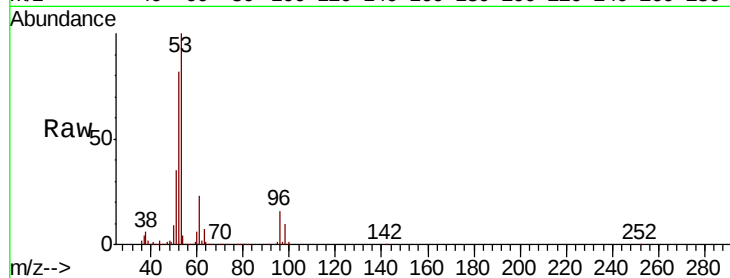
Tot Ion: 53 Resp: 210760

Ion Ratio Lower Upper

53 100

52 82.5 65.2 97.8

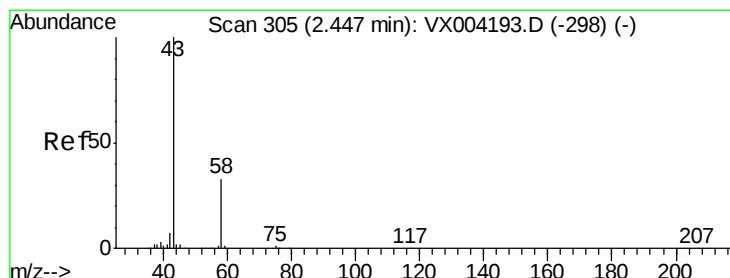
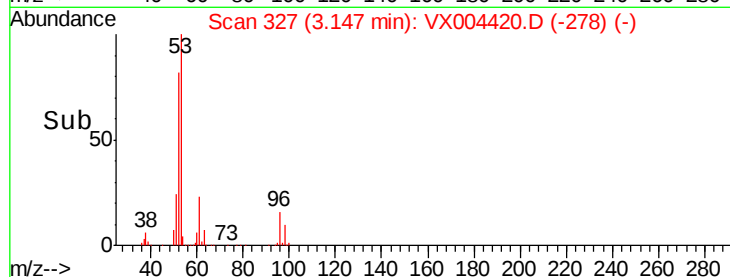
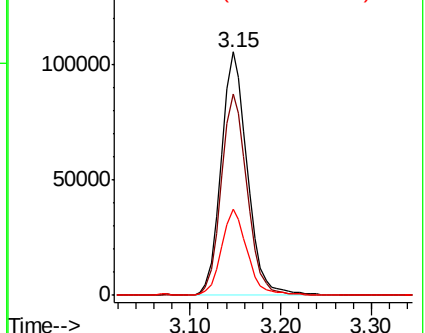
51 34.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 146.24 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004420.D

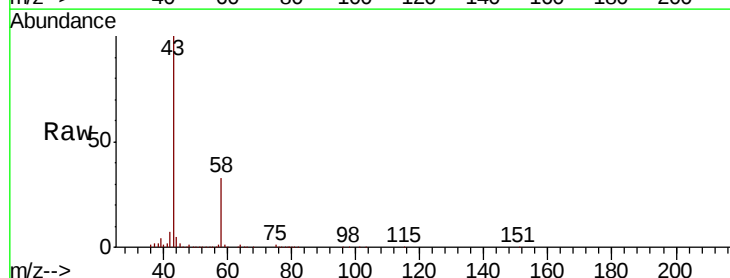
Acq: 07 Sep 2018 20:59

Tgt Ion: 43 Resp: 173910

Ion Ratio Lower Upper

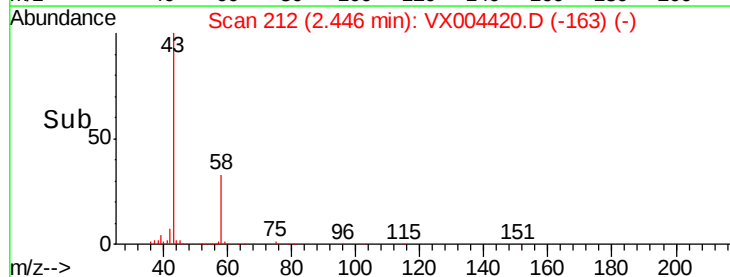
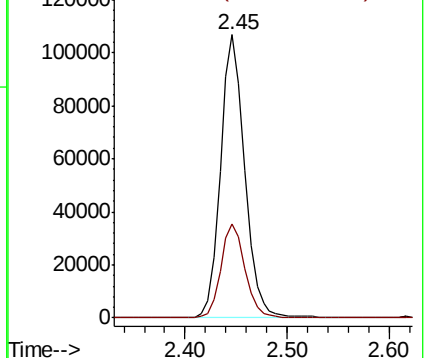
43 100

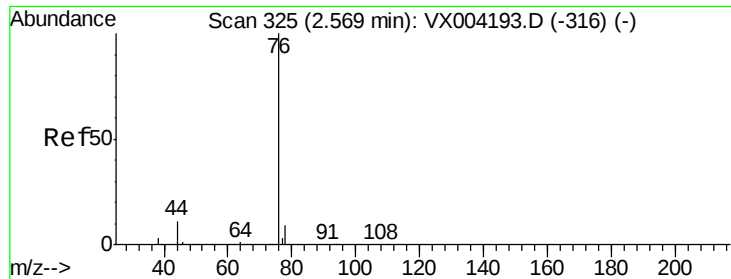
58 33.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.10 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

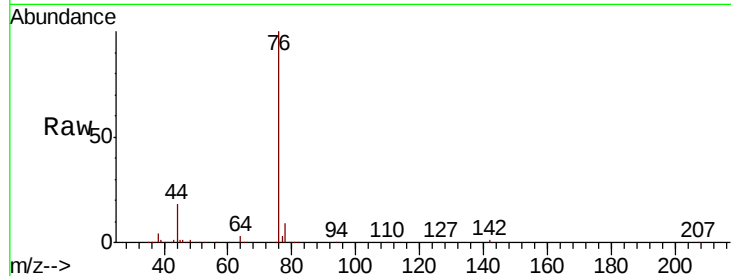
VX0907WBSD01

Tot Ion: 76 Resp: 99946

Ion Ratio Lower Upper

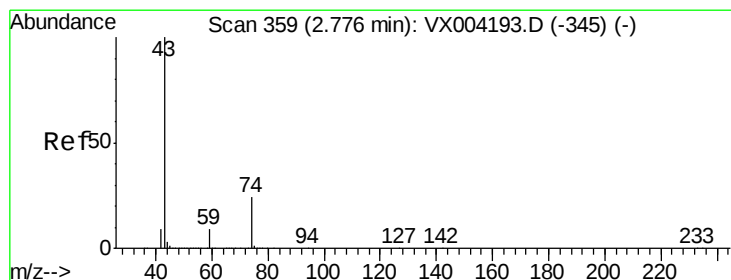
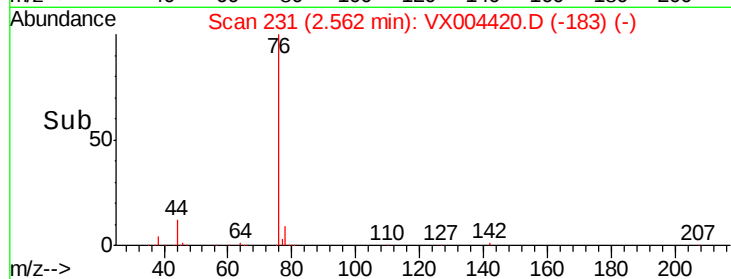
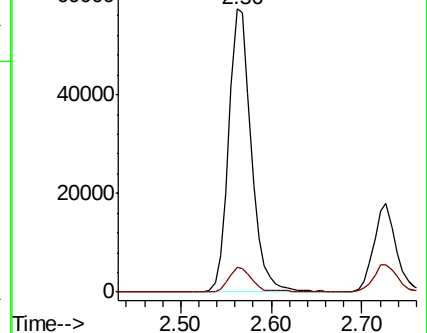
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 37.73 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004420.D

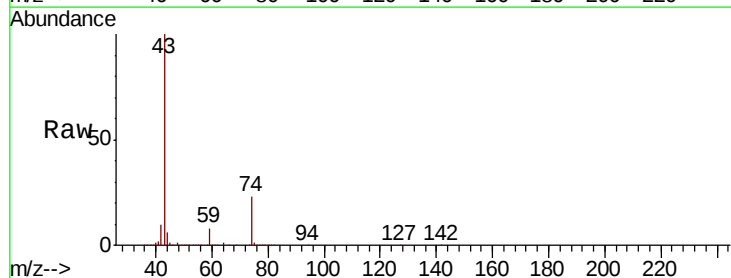
Acq: 07 Sep 2018 20:59

Tgt Ion: 43 Resp: 159462

Ion Ratio Lower Upper

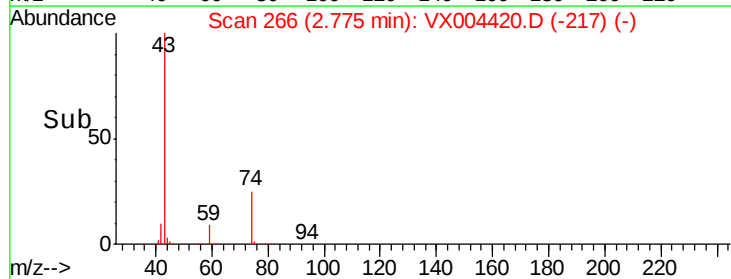
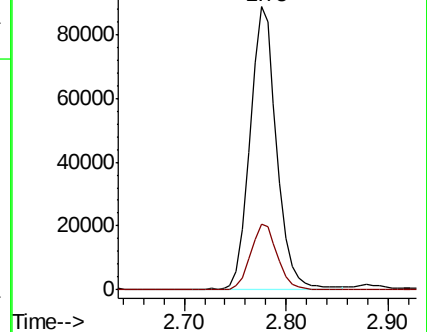
43 100

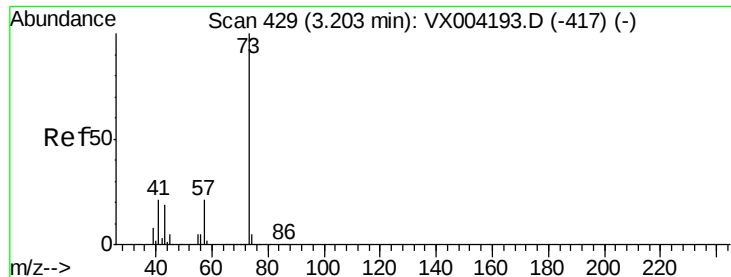
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



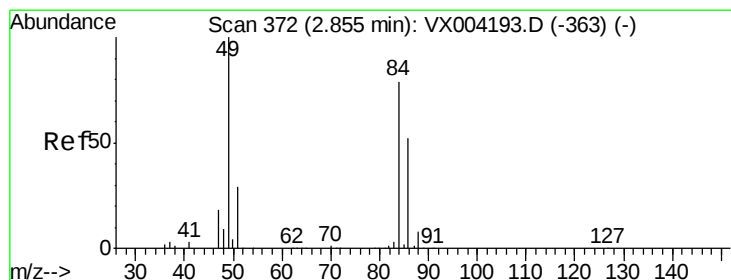
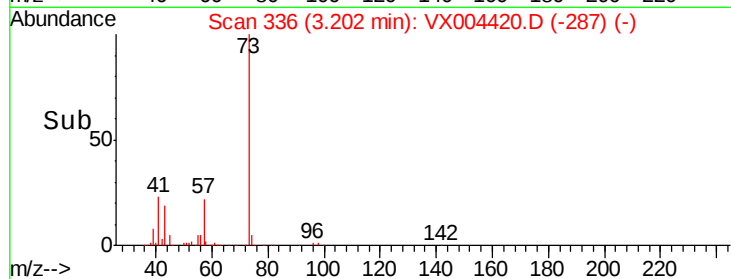
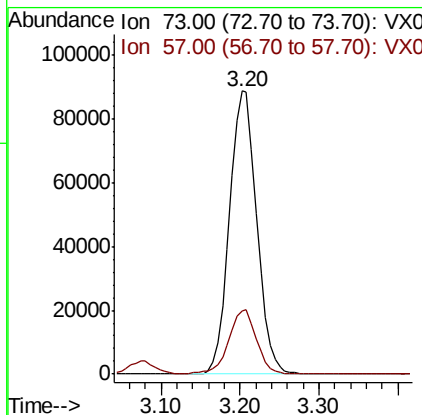
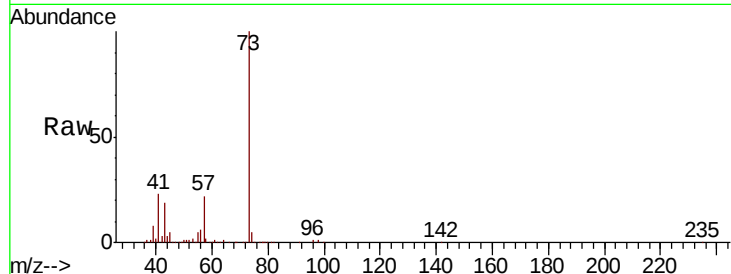


#19

Methyl tert-butyl Ether
 Concen: 28.02 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0907WBSD01

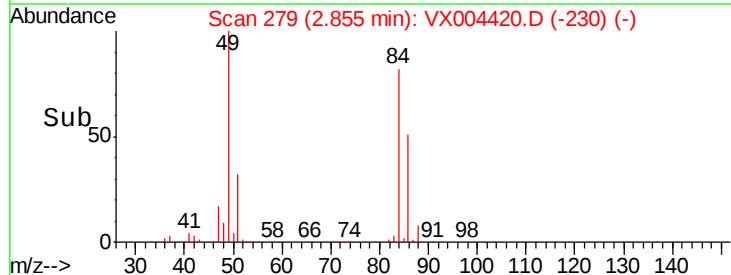
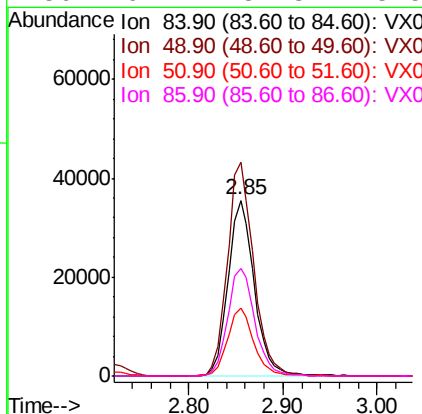
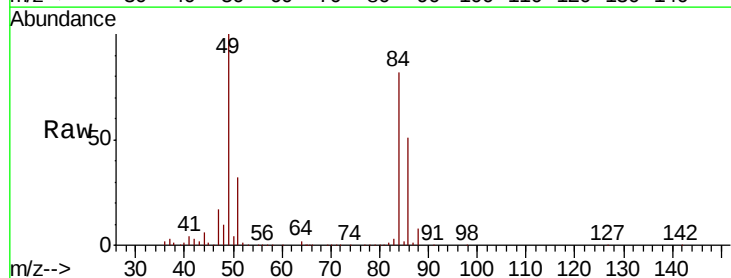
Tot Ion: 73 Resp: 213722
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.1 25.7

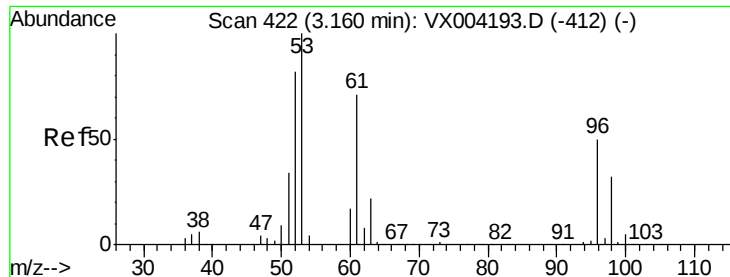


#20

Methylene Chloride
 Concen: 25.02 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion: 84 Resp: 68591
 Ion Ratio Lower Upper
 84 100
 49 121.4 101.2 151.8
 51 38.5 29.5 44.3
 86 61.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.00 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

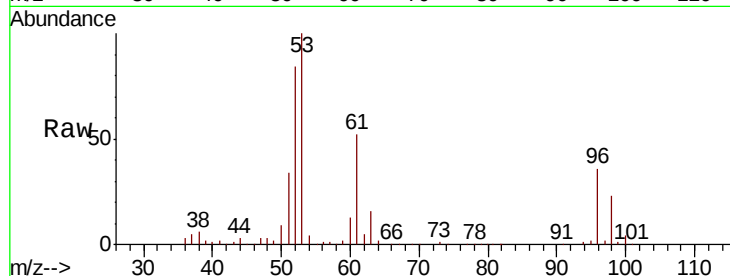
Tot Ion: 96 Resp: 51242

Ion Ratio Lower Upper

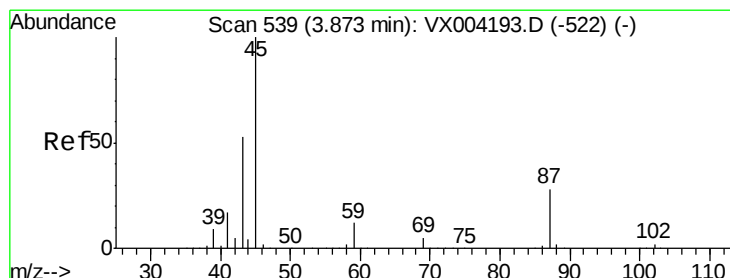
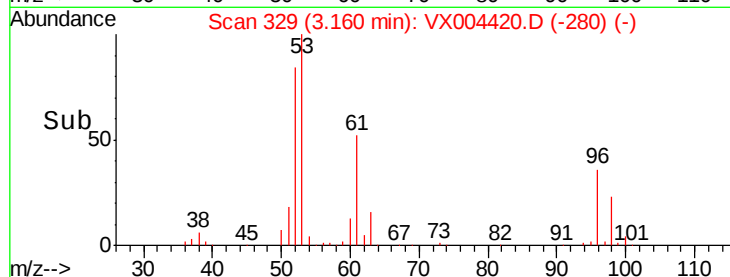
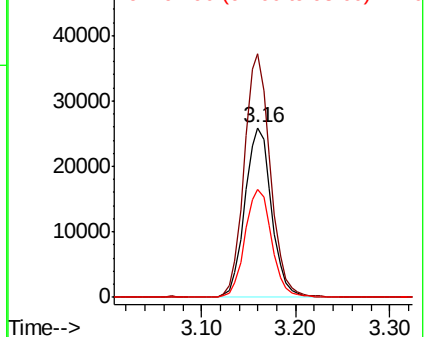
96 100

61 143.3 113.8 170.6

98 63.7 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 25.94 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Tgt Ion: 45 Resp: 206005

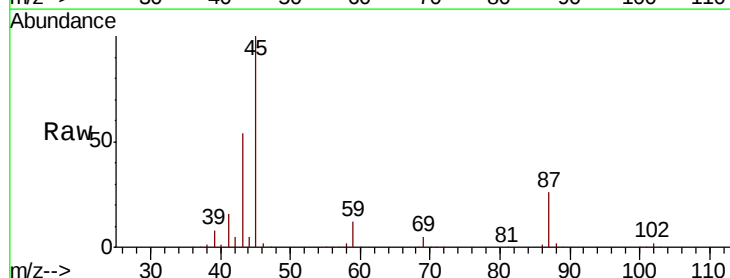
Ion Ratio Lower Upper

45 100

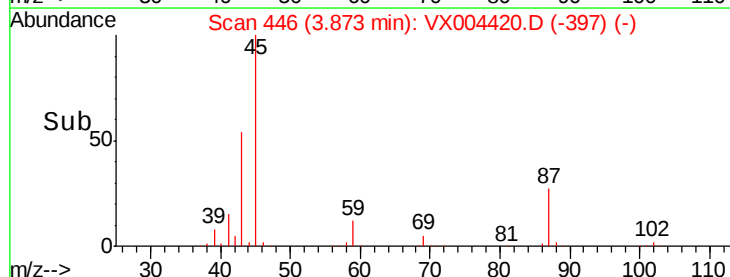
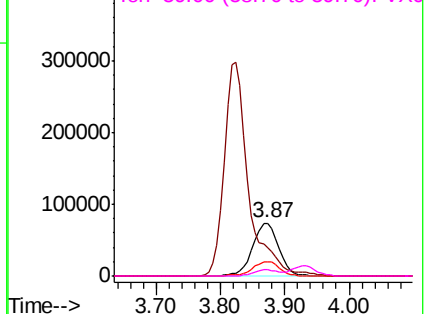
43 53.9 42.8 64.2

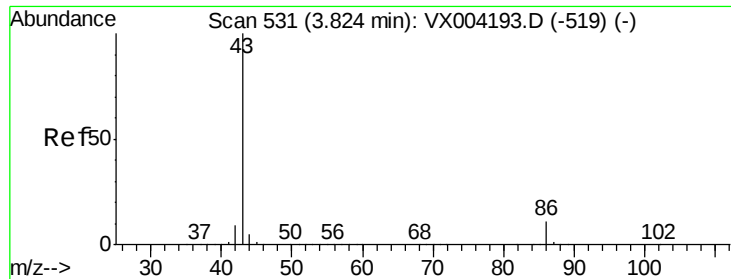
87 26.4 22.6 34.0

59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 123.13 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

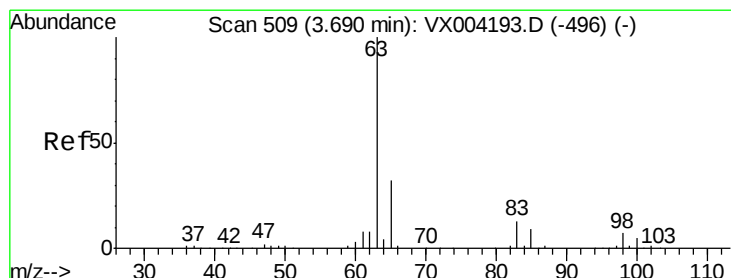
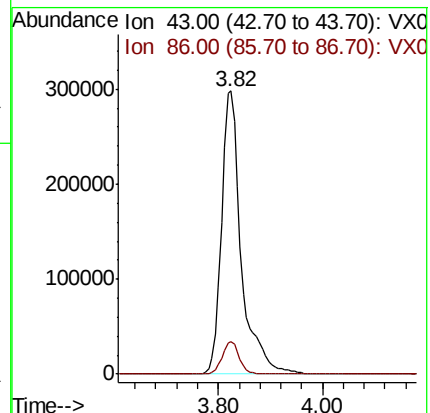
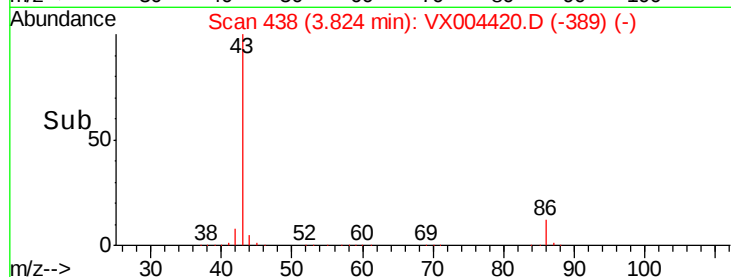
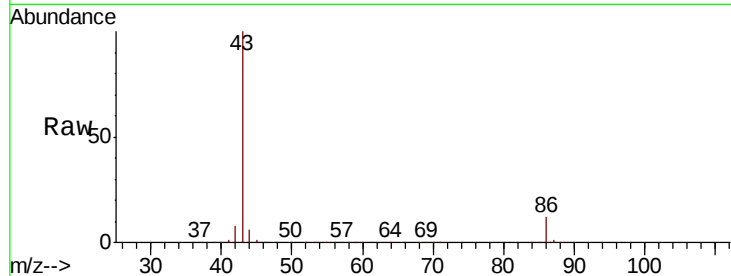
VX0907WBSD01

Tot Ion: 43 Resp: 792482

Ion Ratio Lower Upper

43 100

86 11.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 23.69 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

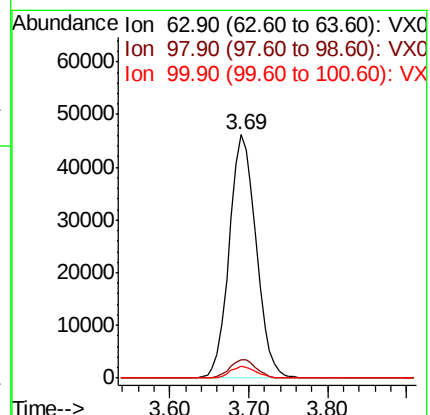
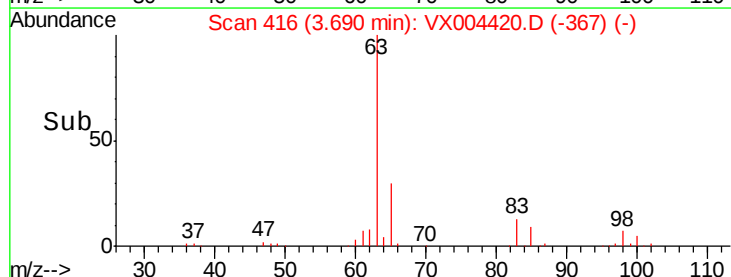
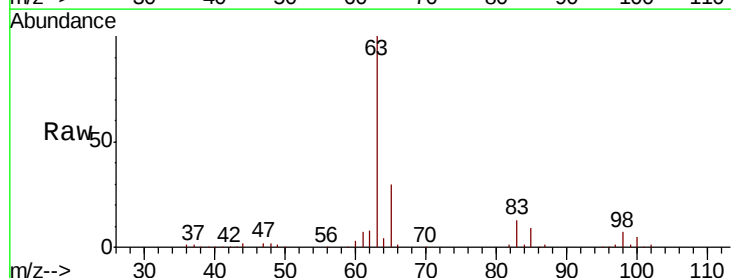
Tgt Ion: 63 Resp: 109631

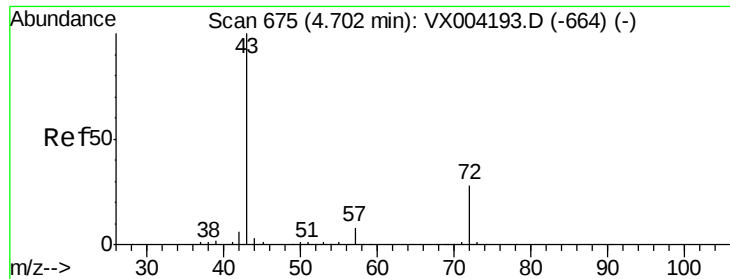
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 139.30 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

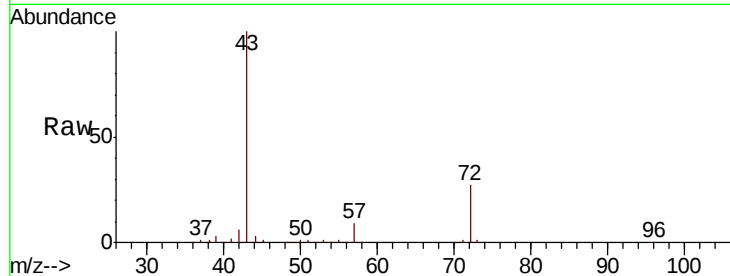
VX0907WBSD01

Tot Ion: 43 Resp: 268231

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

80000

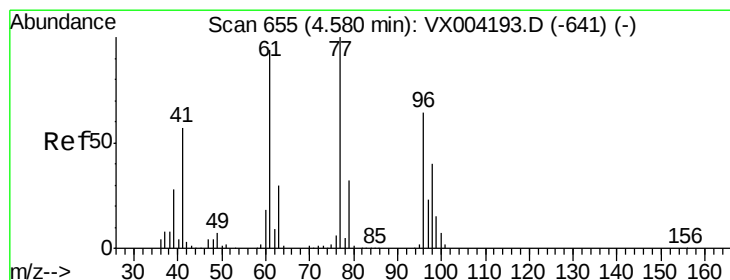
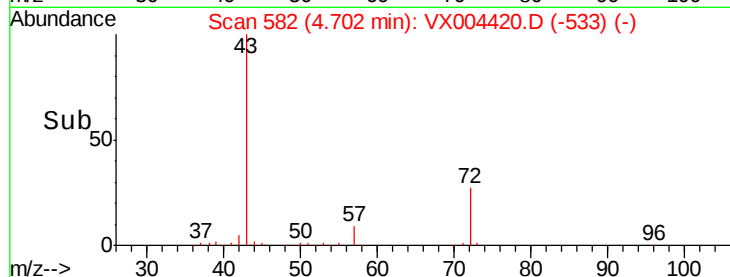
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 16.39 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004420.D

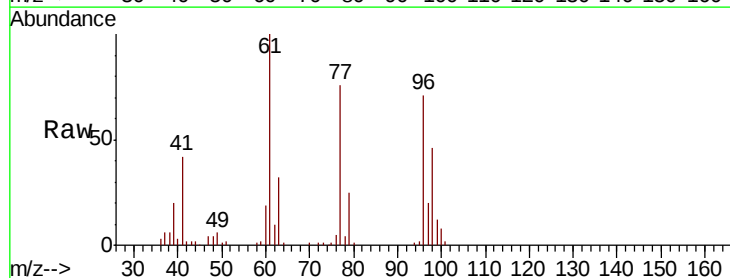
Acq: 07 Sep 2018 20:59

Tgt Ion: 77 Resp: 59474

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

20000

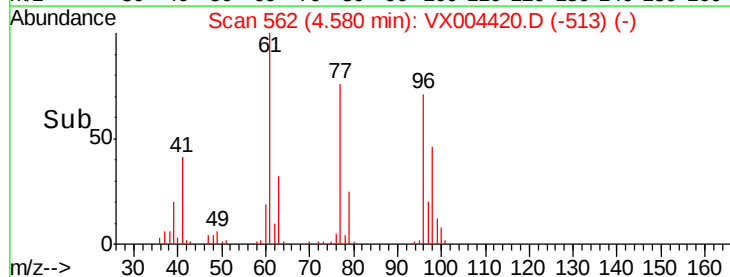
15000

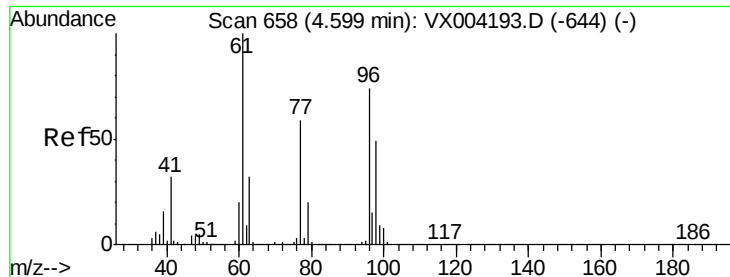
10000

5000

0

Time-->



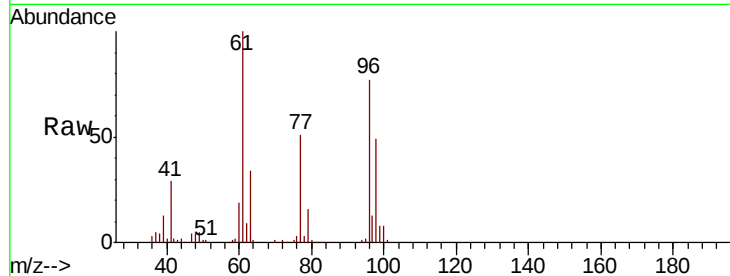


#27

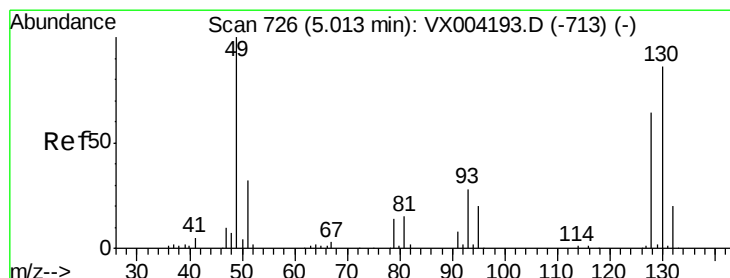
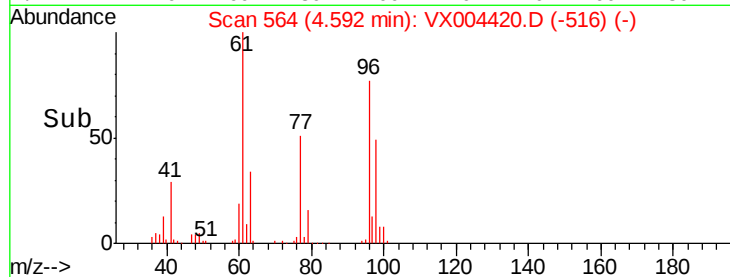
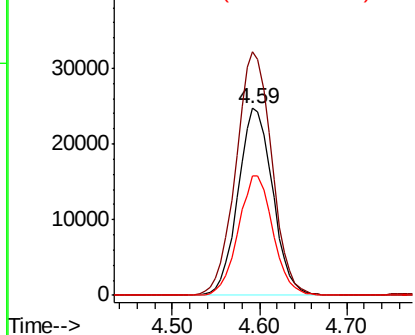
cis-1,2-Dichloroethene
 Concen: 23.47 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Tot Ion: 96 Resp: 68210
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 282.6
 98 63.8 0.0 130.2



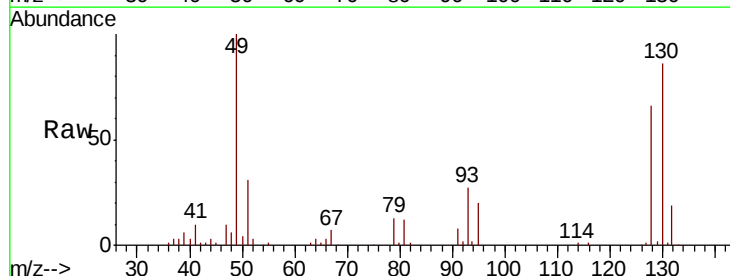
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



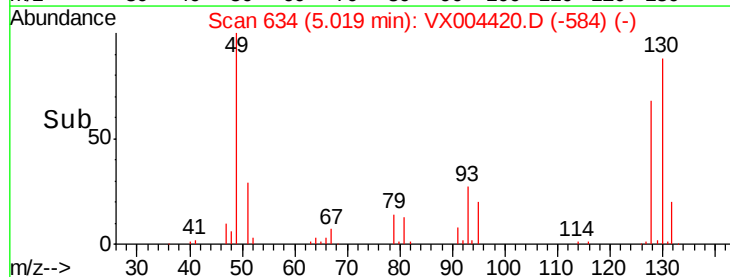
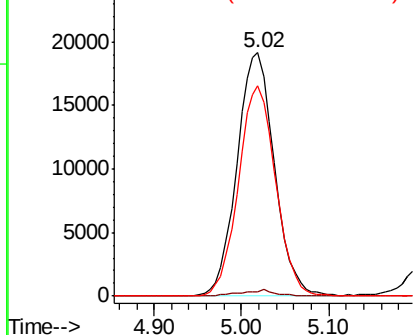
#28

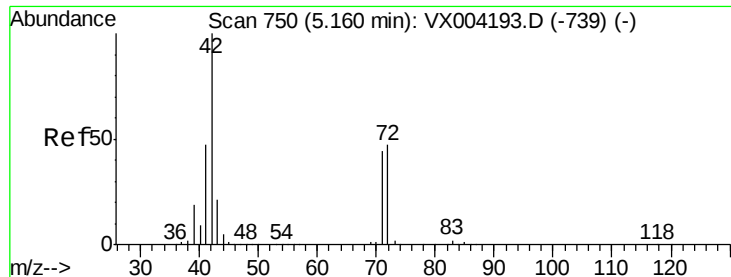
Bromochloromethane
 Concen: 27.79 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion: 49 Resp: 56944
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 85.9 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 138.18 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

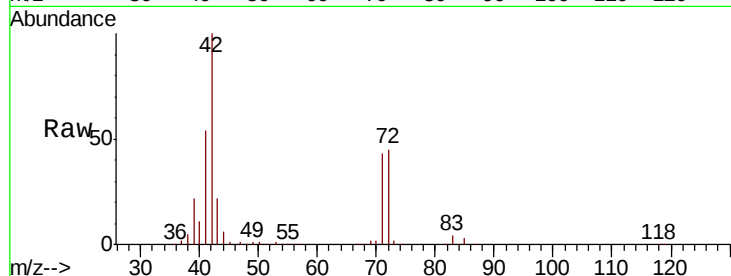
Tot Ion: 42 Resp: 169074

Ion Ratio Lower Upper

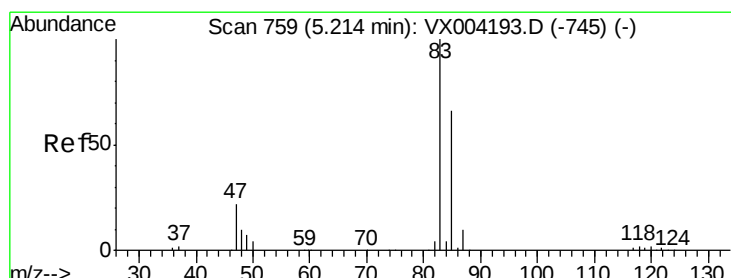
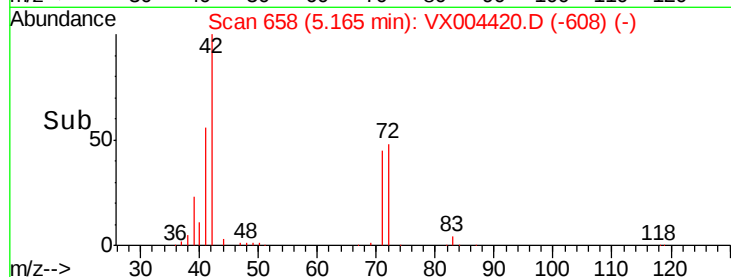
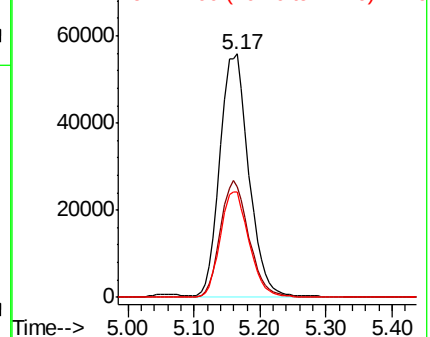
42 100

72 47.5 37.4 56.0

71 43.5 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 24.20 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004420.D

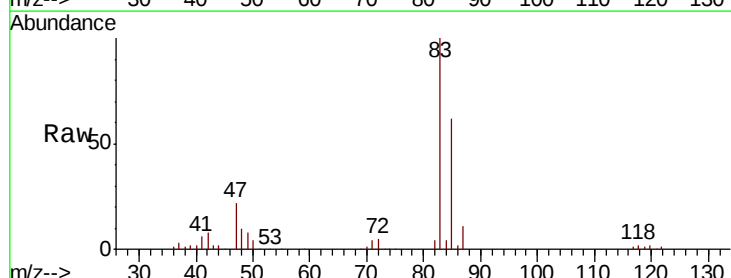
Acq: 07 Sep 2018 20:59

Tgt Ion: 83 Resp: 112271

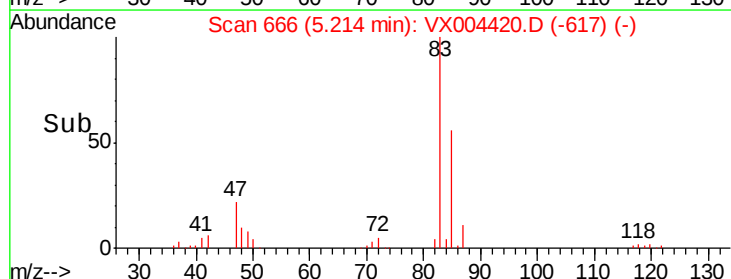
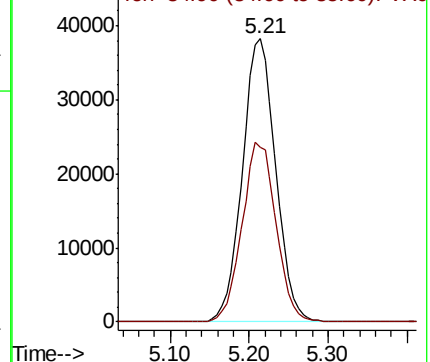
Ion Ratio Lower Upper

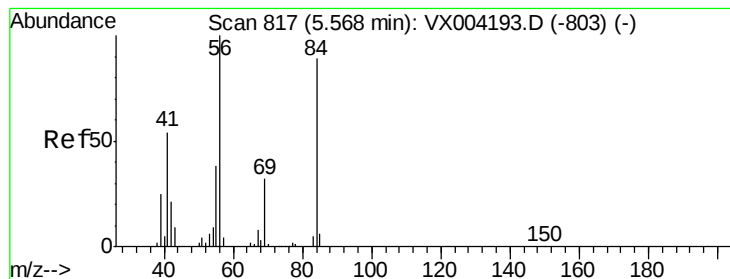
83 100

85 61.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 14.32 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

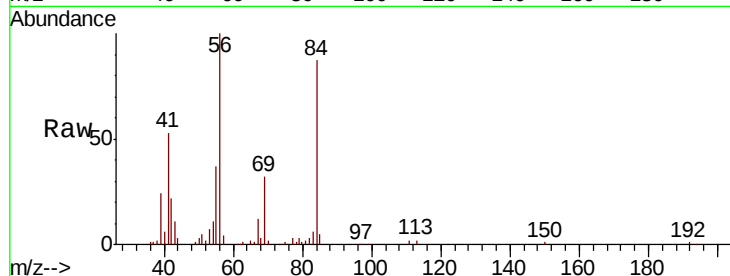
Tot Ion: 56 Resp: 57193

Ion Ratio Lower Upper

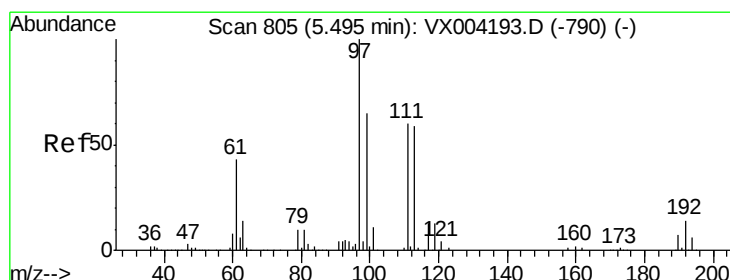
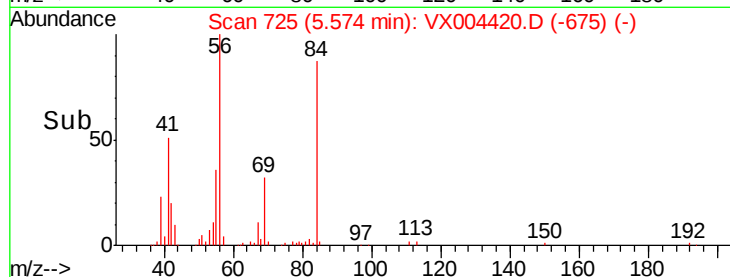
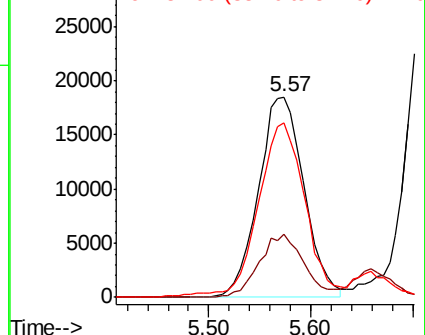
56 100

69 31.7 25.4 38.2

84 85.7 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.68 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

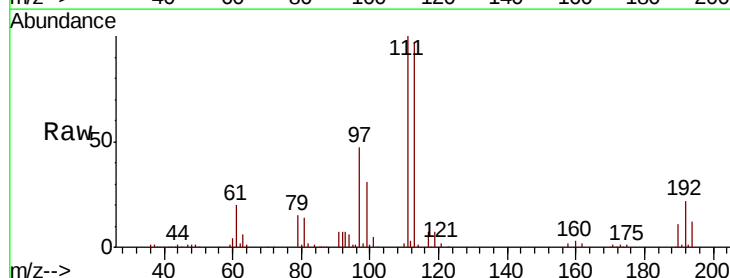
Tgt Ion: 97 Resp: 76123

Ion Ratio Lower Upper

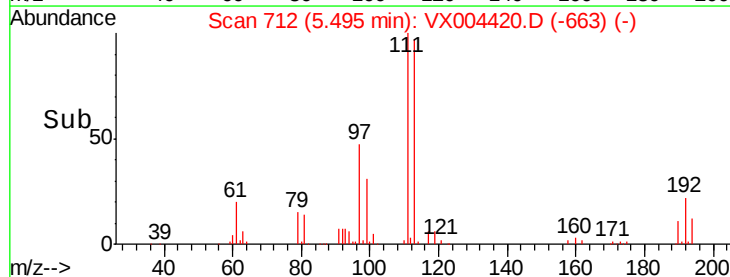
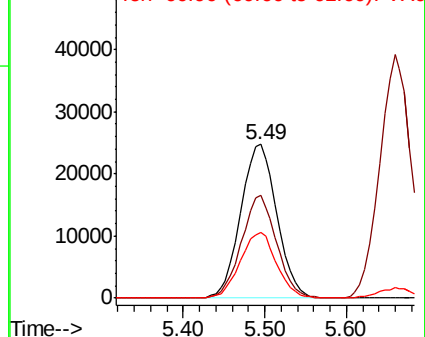
97 100

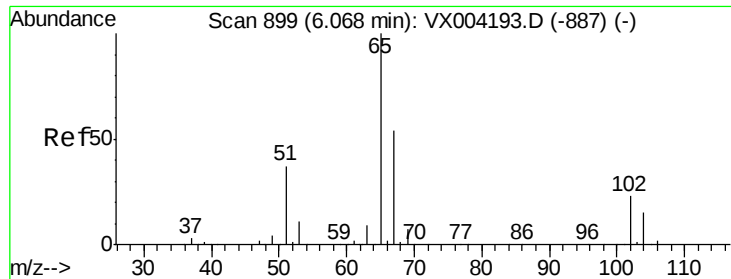
99 64.5 52.0 78.0

61 43.0 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

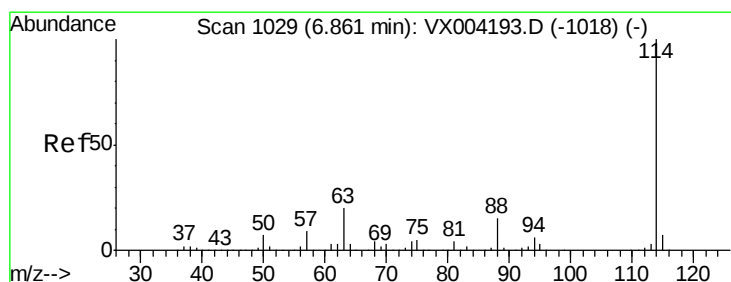
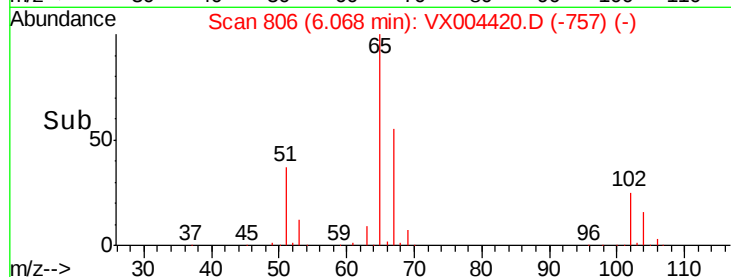
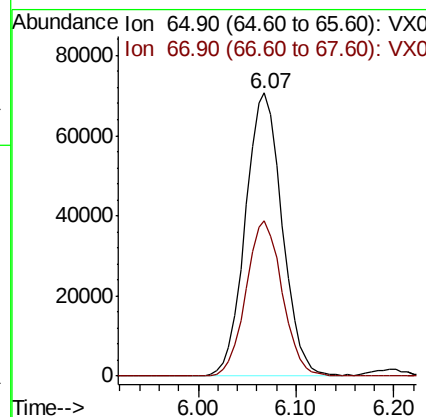
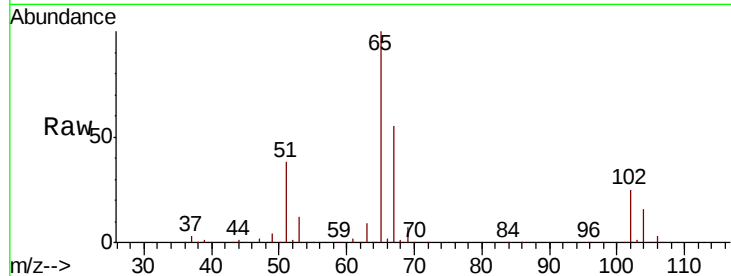




#33
 1,2-Dichloroethane-d4
 Concen: 64.67 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

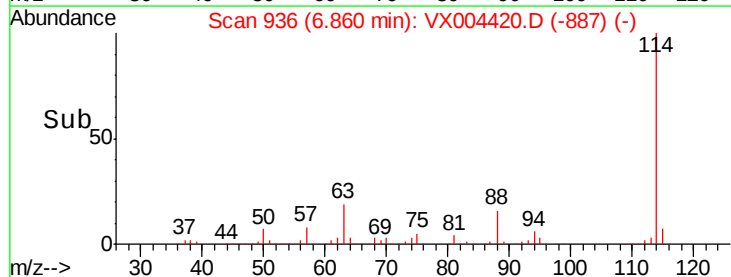
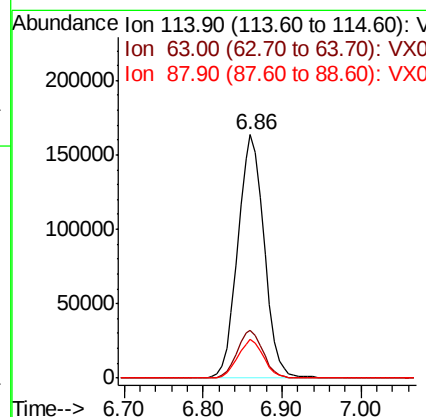
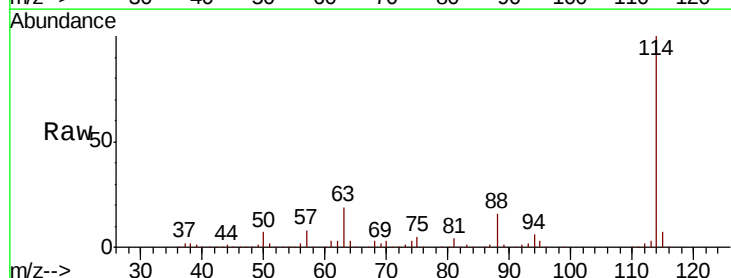
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

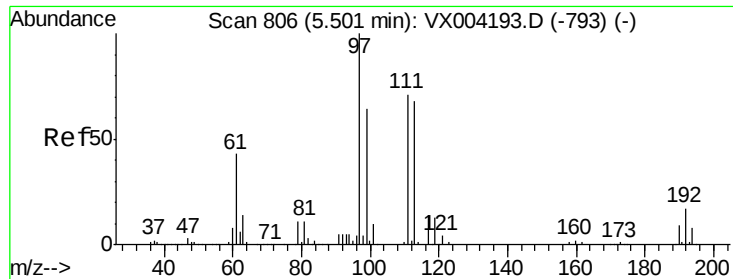
Tot Ion: 65 Resp: 184171
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion: 114 Resp: 379895
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.8 0.0 30.4

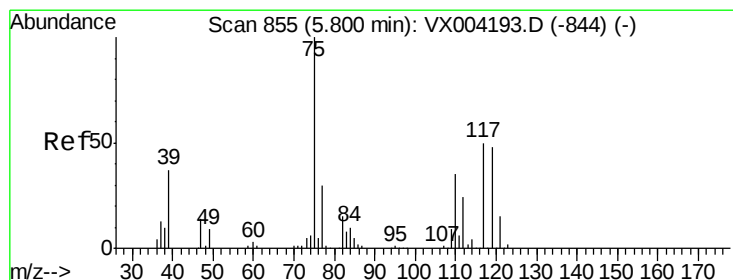
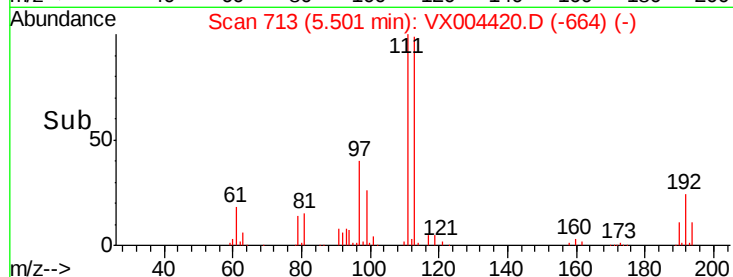
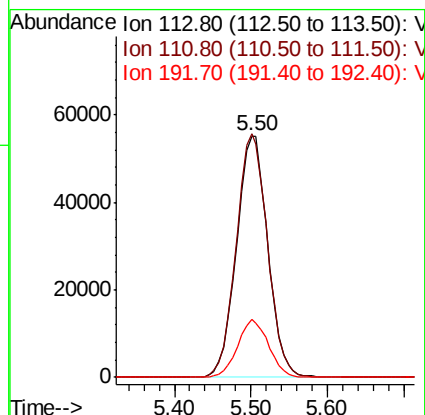
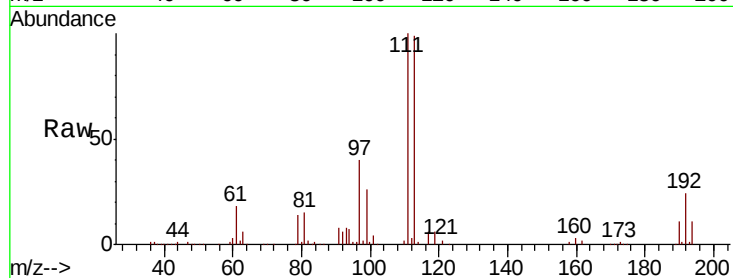




#35
 Dibromofluoromethane
 Concen: 55.25 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

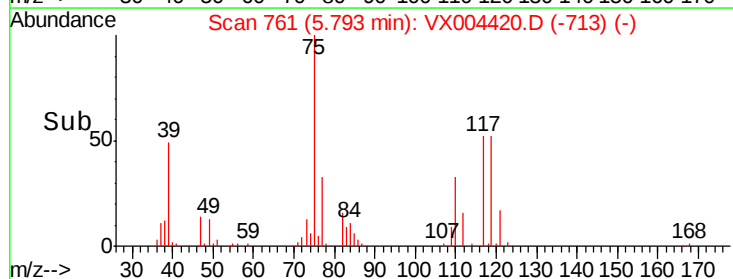
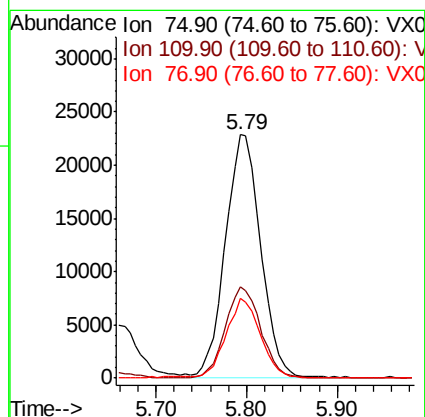
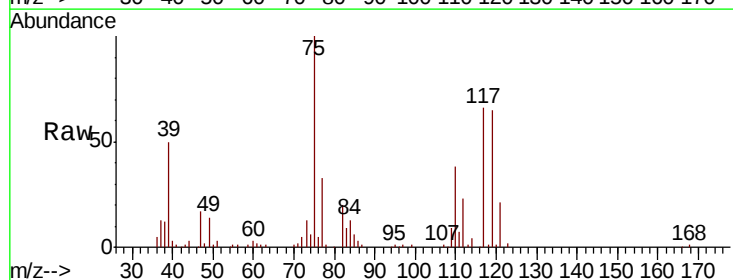
Instrument :
 MSVOA_X
 ClientSampled :
 VX0907WBSD01

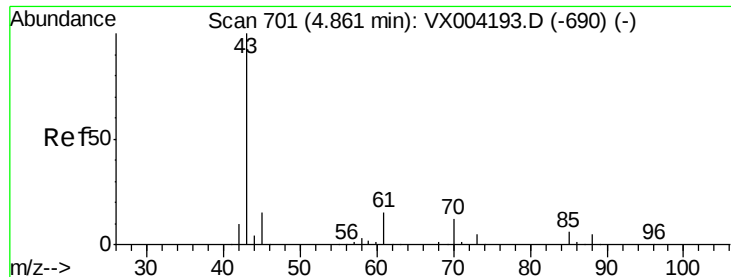
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.4	123.6
192	23.7	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 14.44 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.0	54.0
77	32.2	24.6	36.8





#37

Ethyl Acetate

Concen: 22.34 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

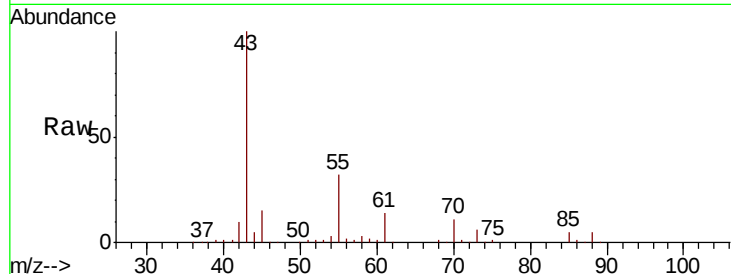
Tot Ion: 43 Resp: 93825

Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

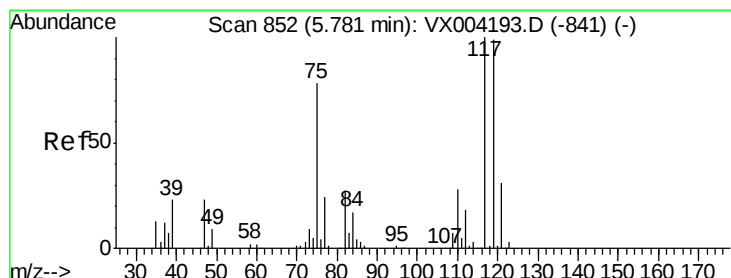
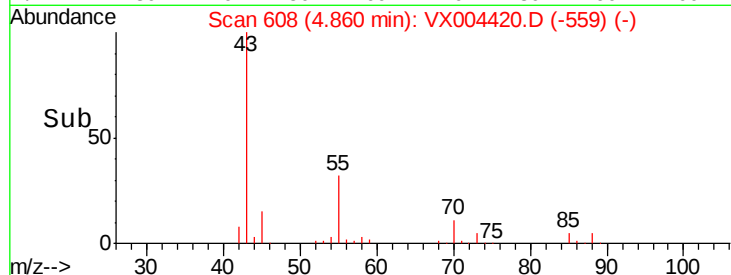
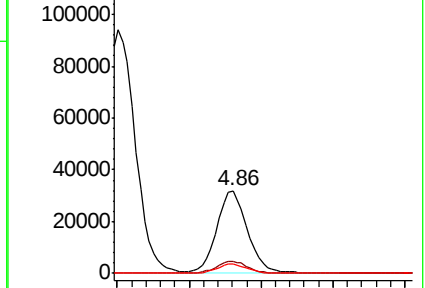
70 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 14.49 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

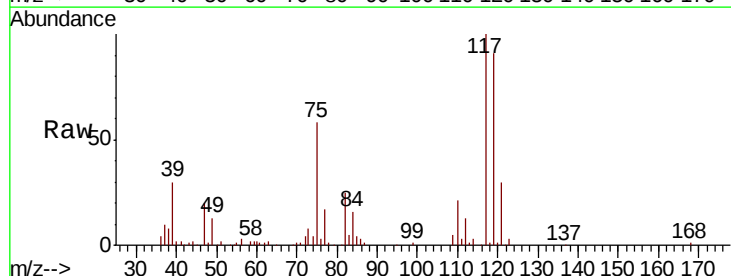
Tgt Ion: 117 Resp: 58209

Ion Ratio Lower Upper

117 100

119 91.0 78.8 118.2

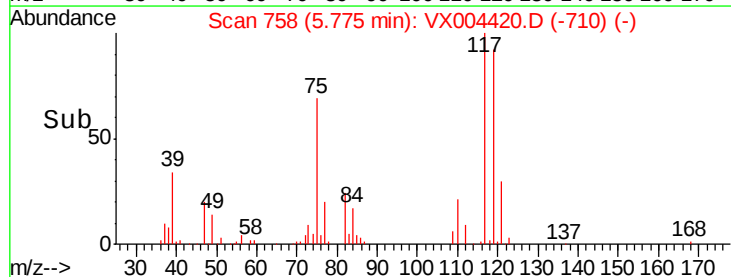
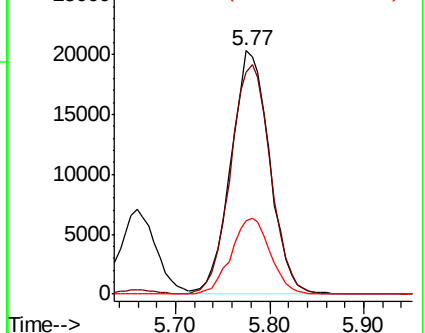
121 30.0 24.9 37.3

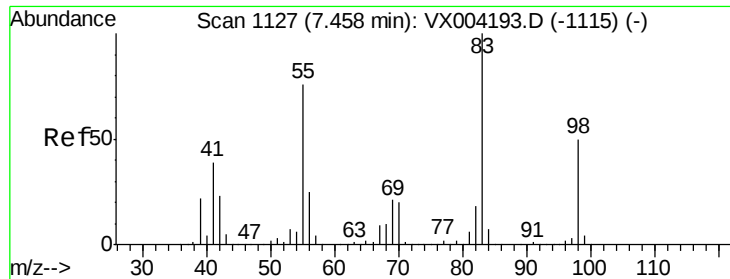


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

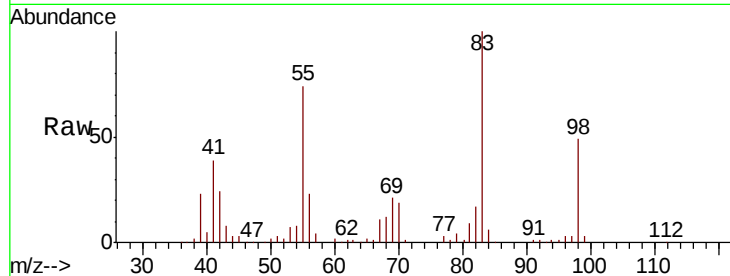




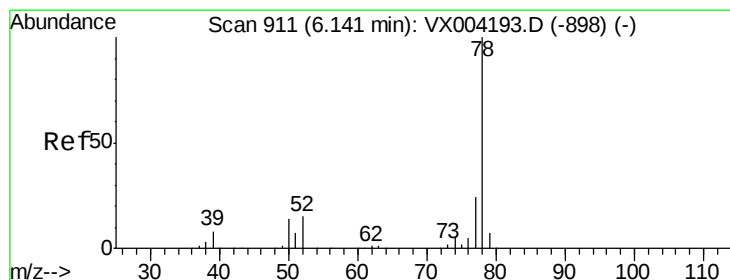
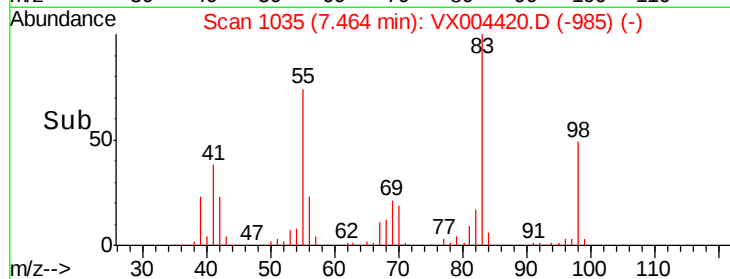
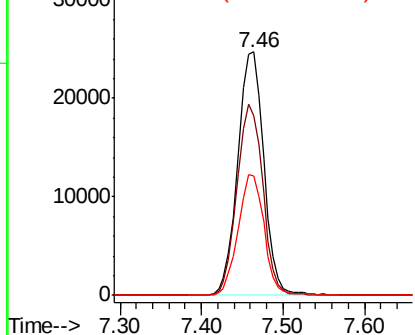
#39
Methvlcvclohexane
Concen: 11.25 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tot Ion: 83 Resp: 54851
Ion Ratio Lower Upper
83 100
55 73.7 61.0 91.4
98 48.8 39.6 59.4

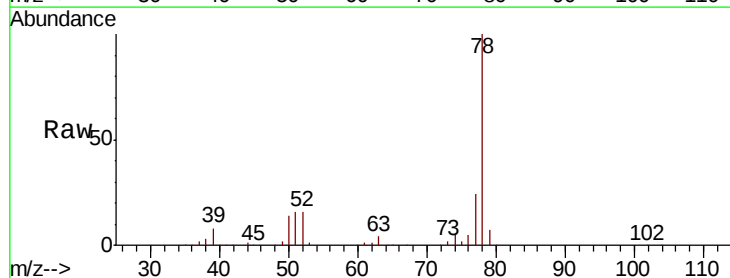


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

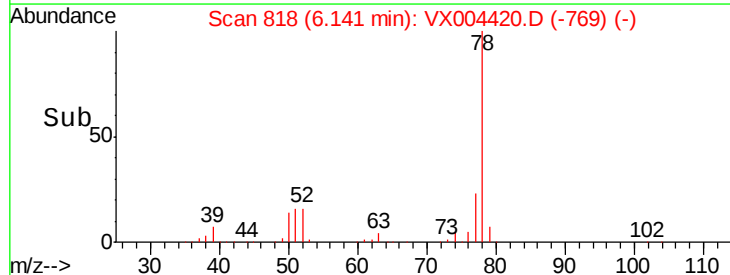
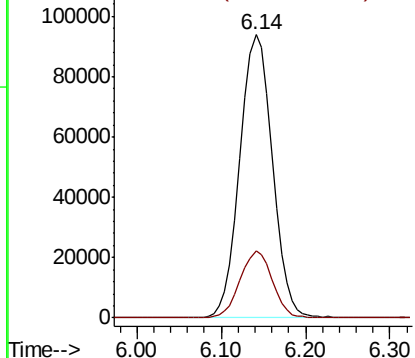


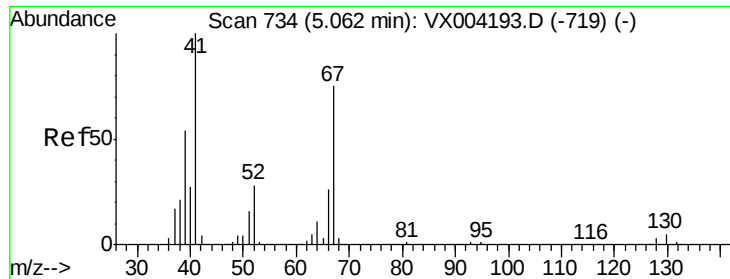
#40
Benzene
Concen: 19.30 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 78 Resp: 246325
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

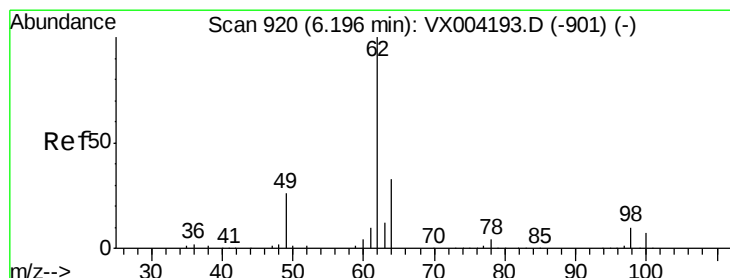
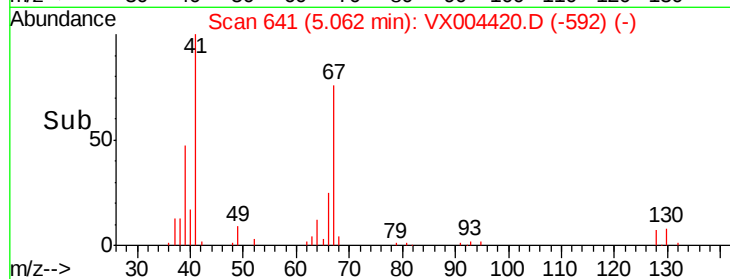
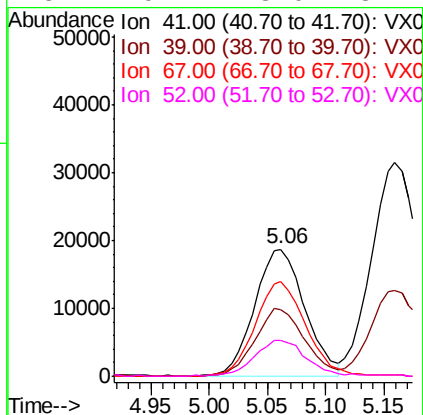
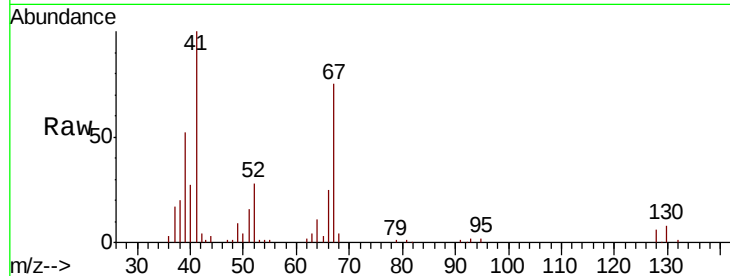




#41
Methacrylonitrile
Concen: 23.09 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

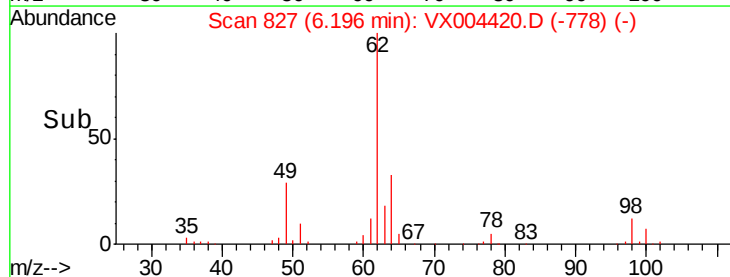
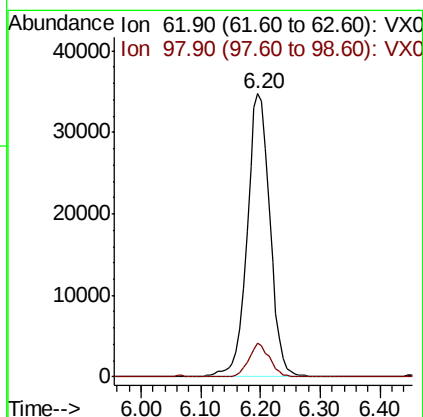
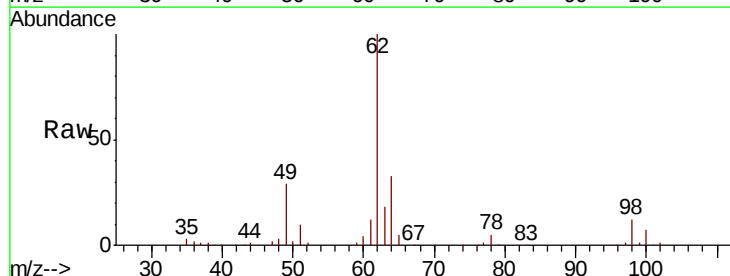
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

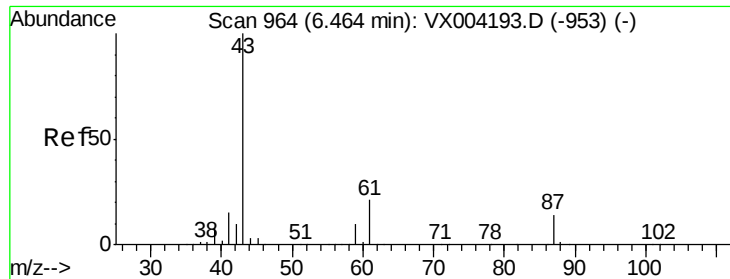
Tot Ion:	41	Resp:	56205
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	75.1	59.2	88.8
52	29.4	23.0	34.4



#42
1,2-Dichloroethane
Concen: 21.19 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion:	62	Resp:	92257
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 22.49 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

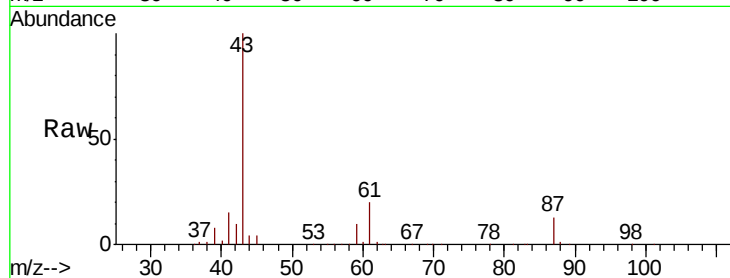
Tot Ion: 43 Resp: 145136

Ion Ratio Lower Upper

43 100

61 21.6 17.0 25.4

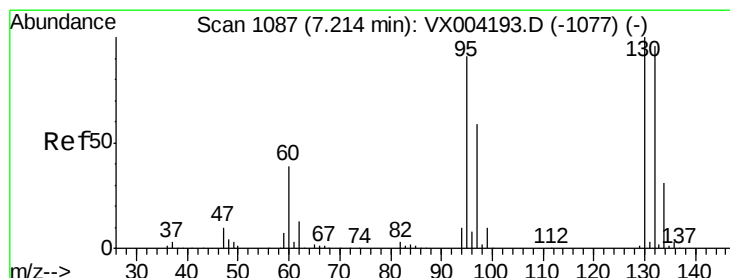
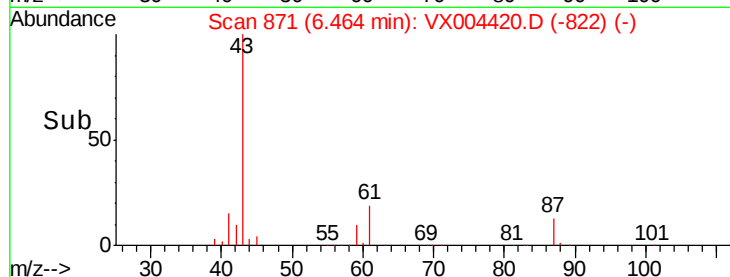
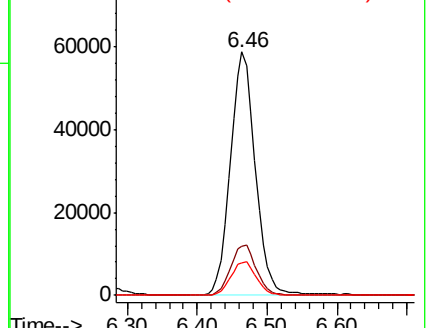
87 14.3 11.4 17.2



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: 17.34 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004420.D

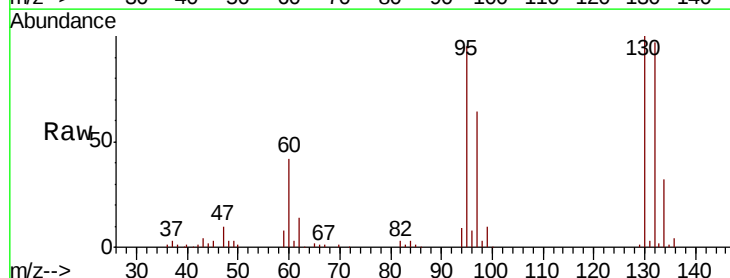
Acq: 07 Sep 2018 20:59

Tgt Ion:130 Resp: 61248

Ion Ratio Lower Upper

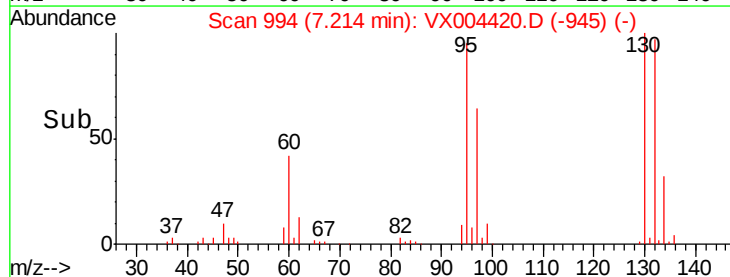
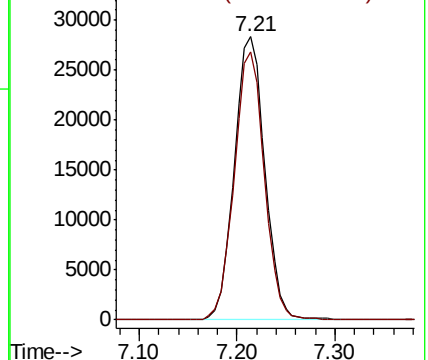
130 100

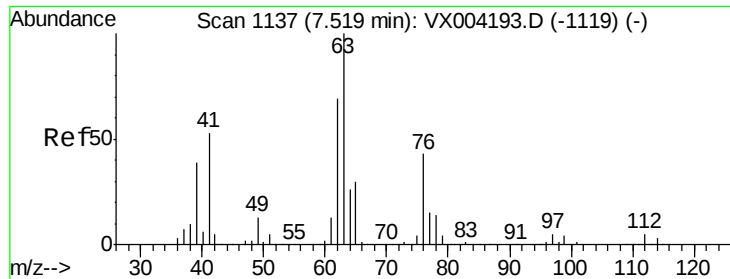
95 94.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

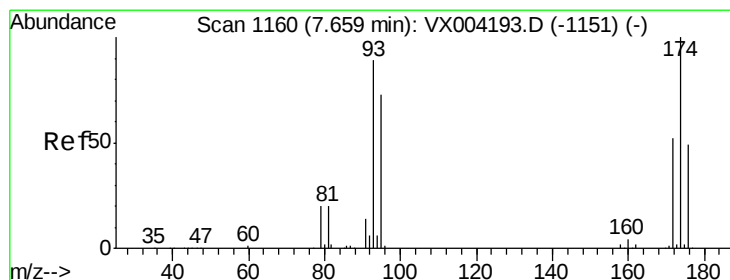
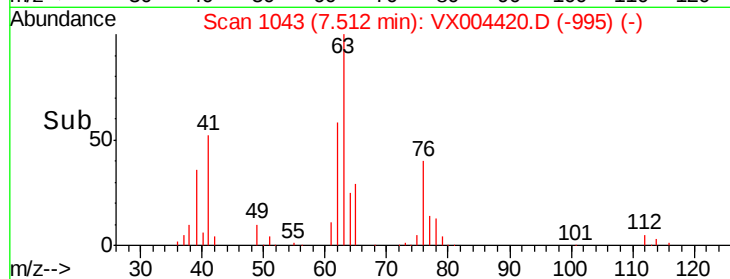
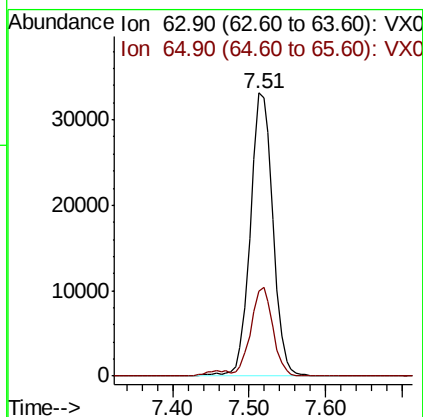
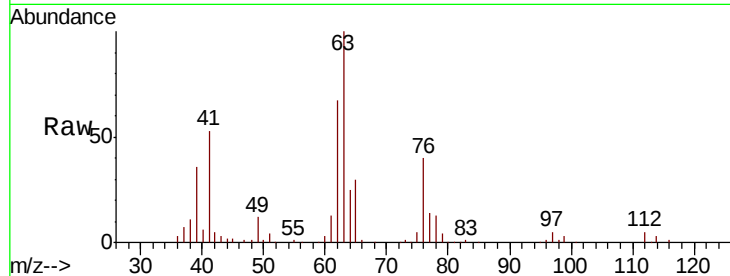




#45
 1,2-Dichloropropane
 Concen: 21.42 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

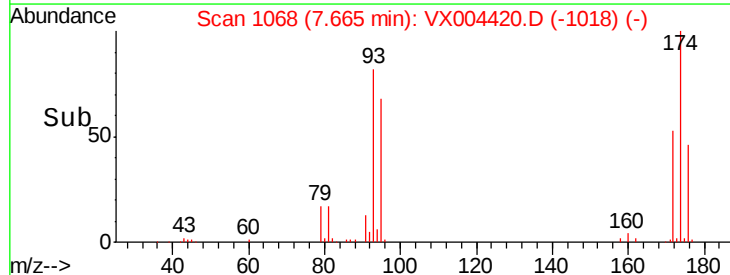
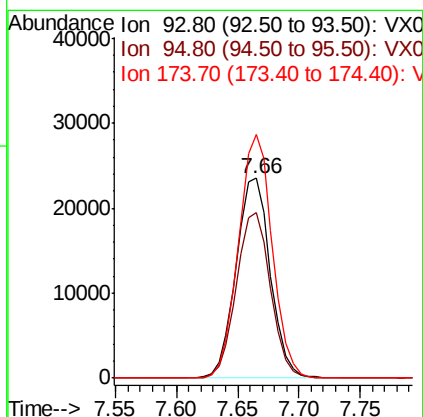
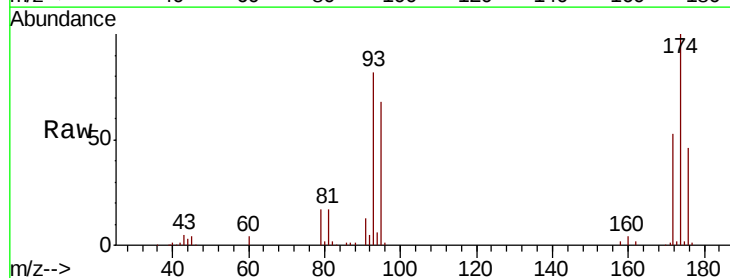
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

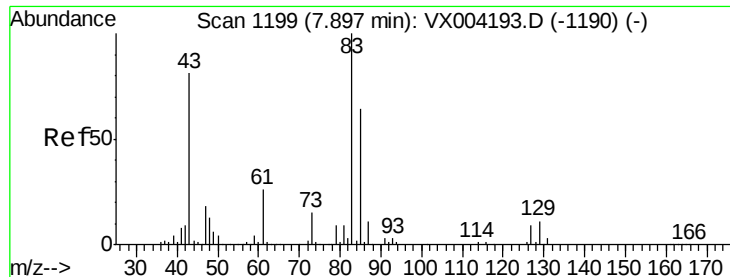
Tot Ion: 63 Resp: 68400
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 21.43 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion: 93 Resp: 45576
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.5 98.3
 174 120.1 94.2 141.4





#47

Bromodichloromethane

Concen: 21.06 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

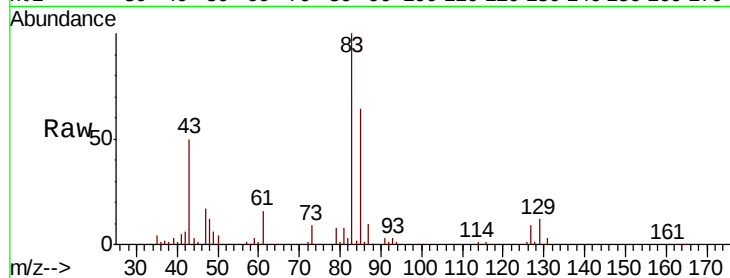
Tot Ion: 83 Resp: 83333

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3

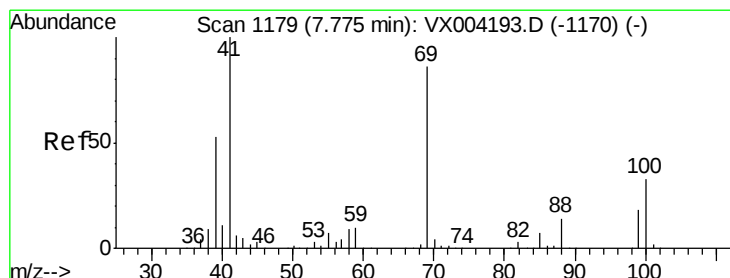
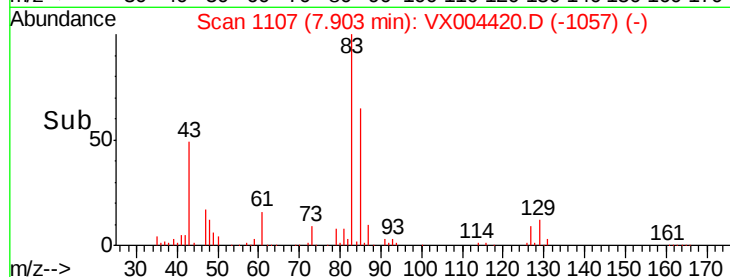
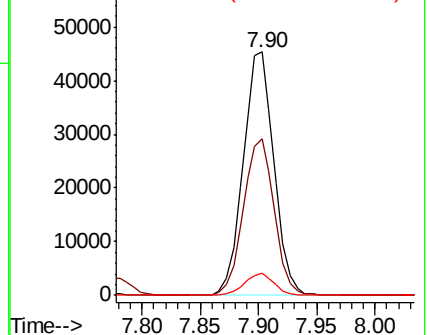
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.63 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

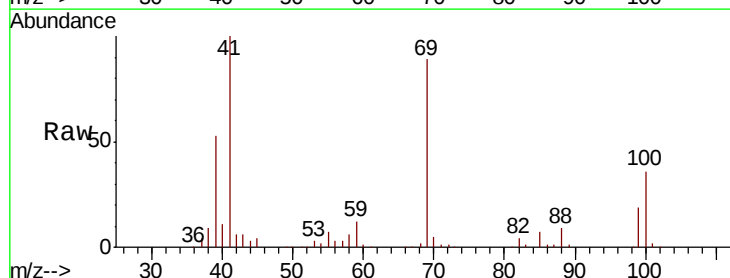
Tgt Ion: 41 Resp: 78150

Ion Ratio Lower Upper

41 100

69 88.0 70.2 105.4

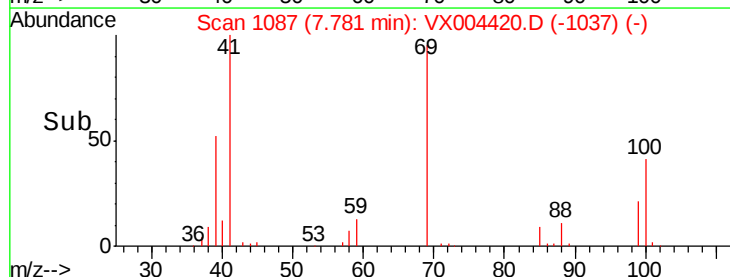
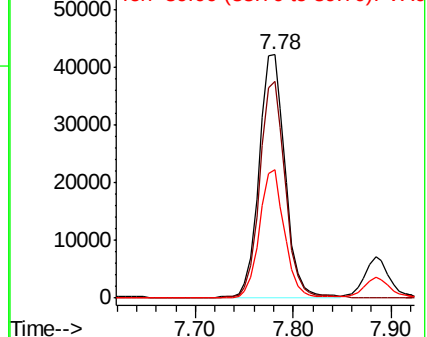
39 51.4 42.7 64.1

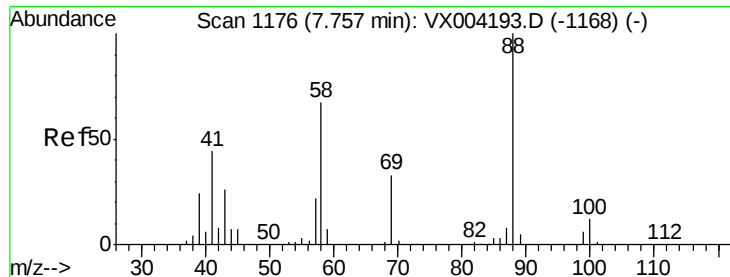


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

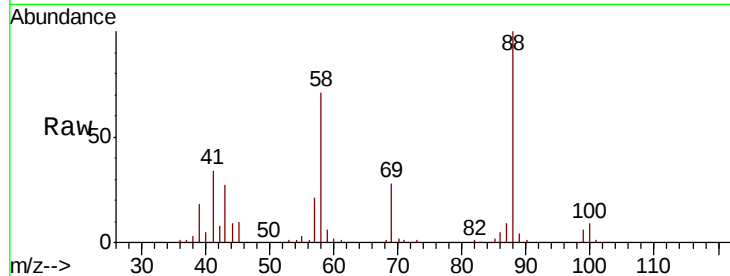




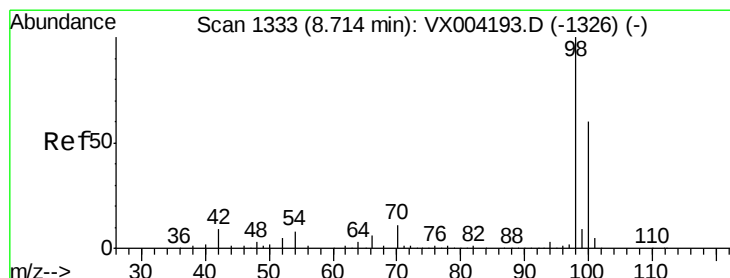
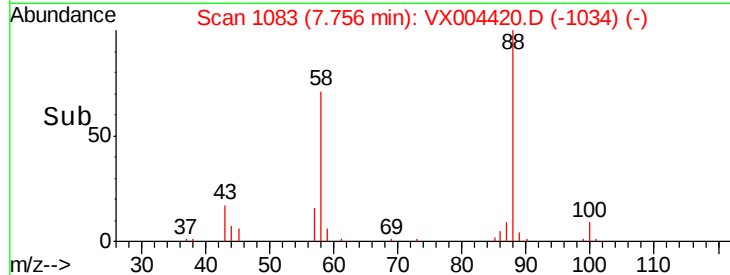
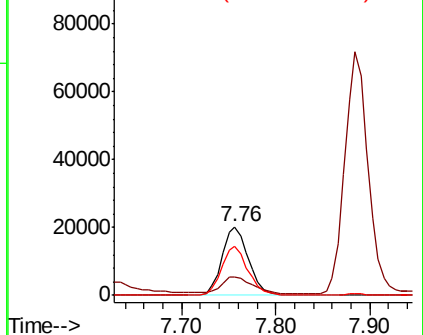
#49
1,4-Dioxane
Concen: 501.67 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tot Ion: 88 Resp: 39336
Ion Ratio Lower Upper
88 100
43 30.0 24.7 37.1
58 69.8 55.3 82.9

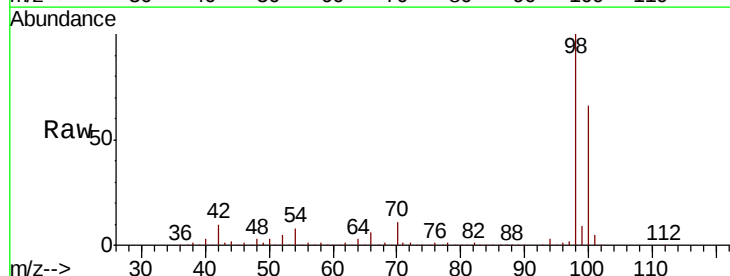


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

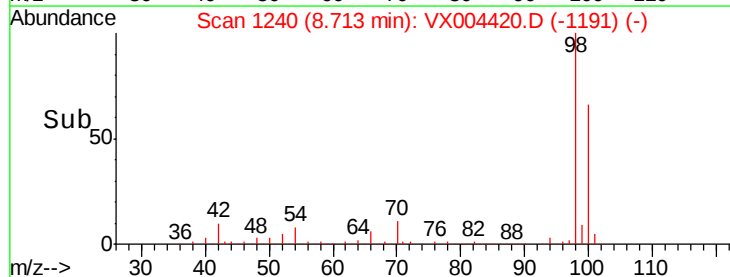
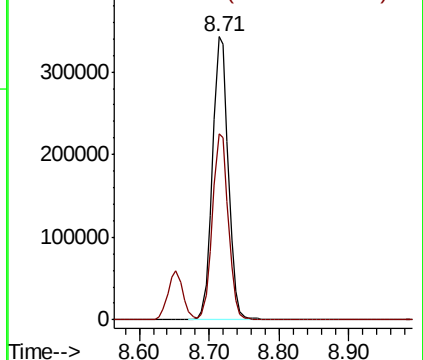


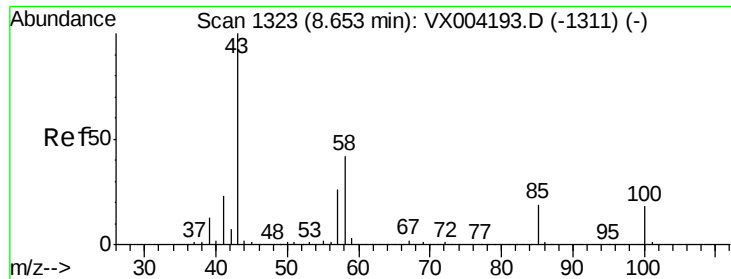
#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 98 Resp: 538178
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



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

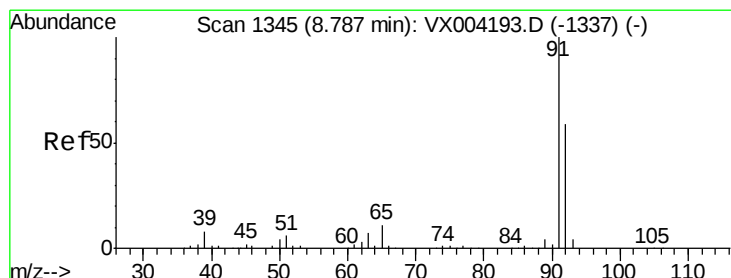
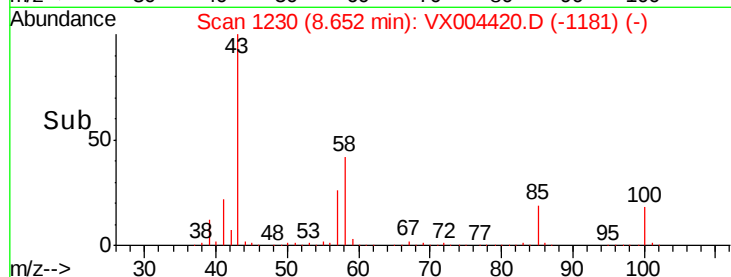
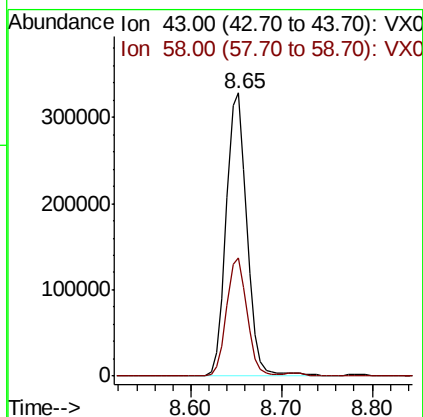
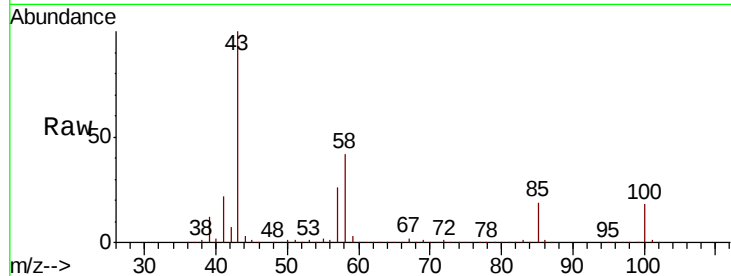




#51
4-Methyl-2-Pentanone
Concen: 111.49 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

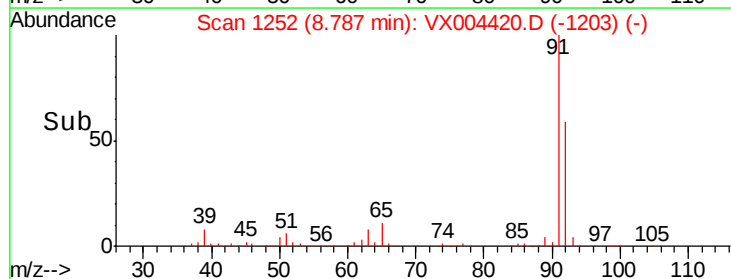
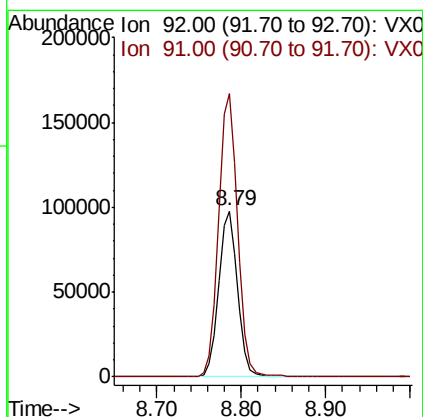
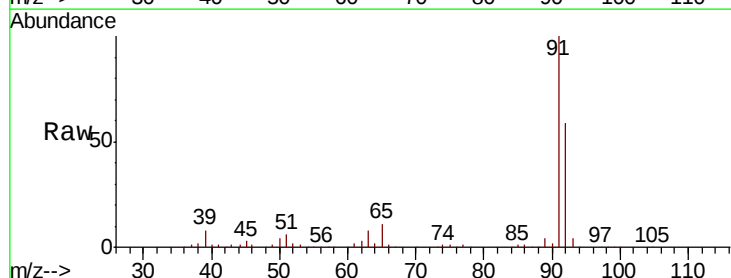
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

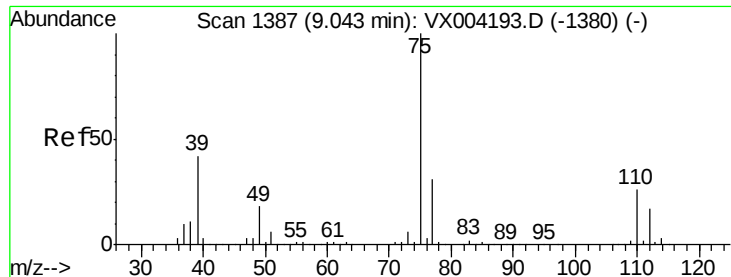
Tot Ion: 43 Resp: 522848
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7



#52
Toluene
Concen: 18.98 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 92 Resp: 151584
Ion Ratio Lower Upper
92 100
91 173.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

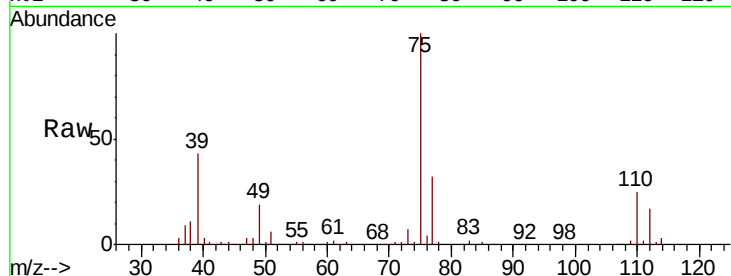
VX0907WBSD01

Tot Ion: 75 Resp: 89453

Ion Ratio Lower Upper

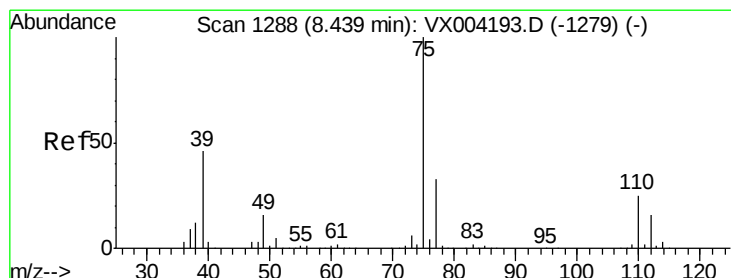
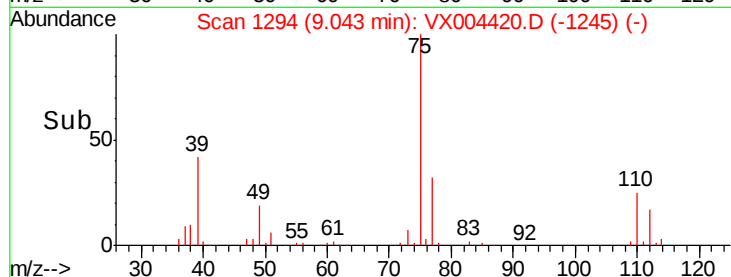
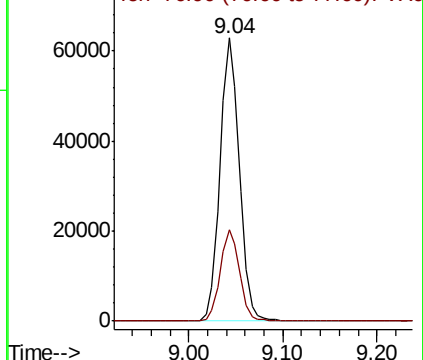
75 100

77 32.0 24.6 37.0



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: 20.93 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

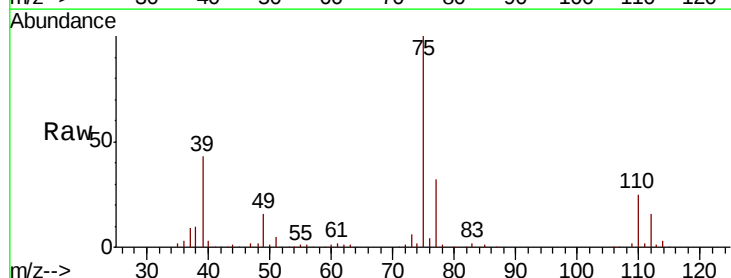
Tgt Ion: 75 Resp: 99668

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

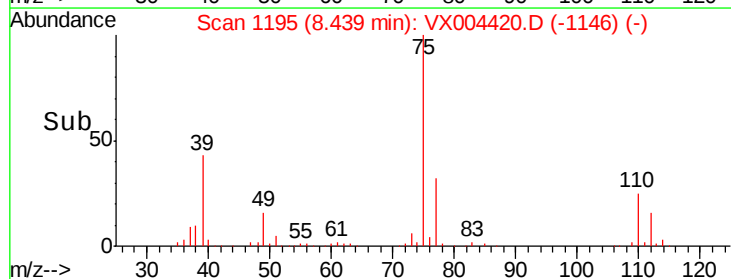
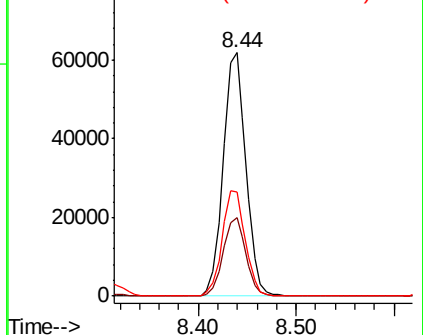
39 42.6 36.4 54.6

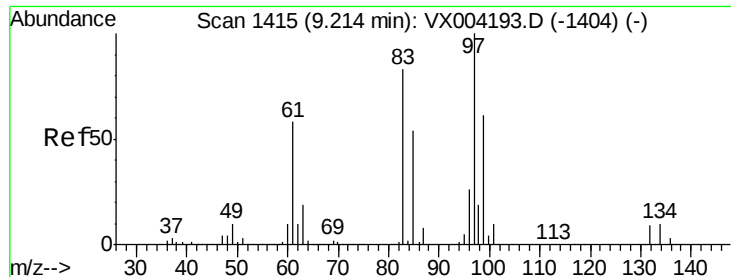


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

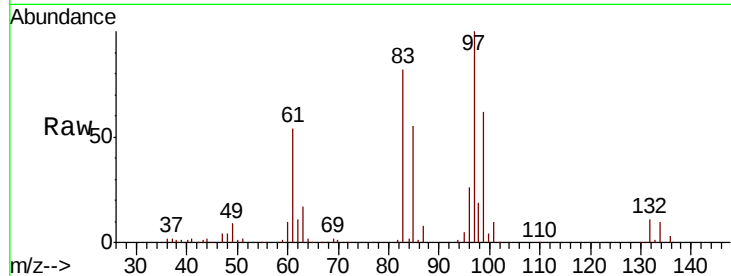




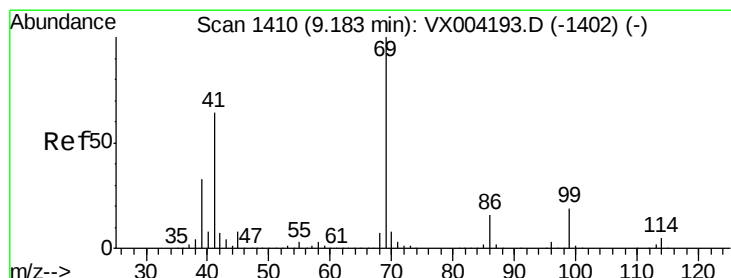
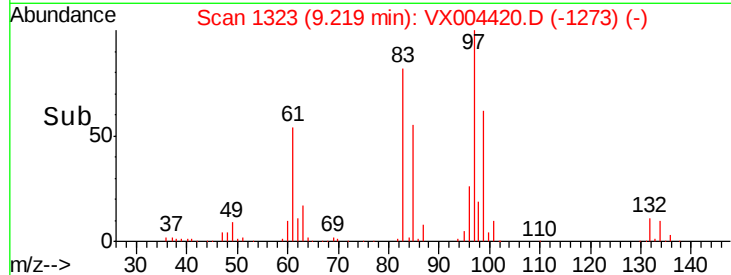
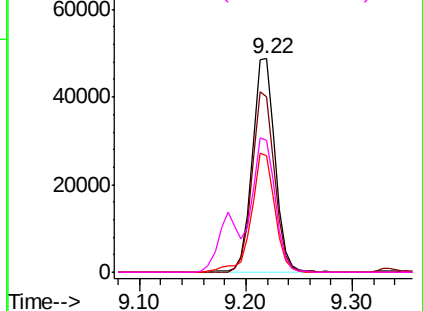
#55
 1,1,2-Trichloroethane
 Concen: 22.72 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Tot Ion:	97	Resp:	73260
Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.4	99.6
85	54.8	43.3	64.9
99	61.9	49.0	73.4

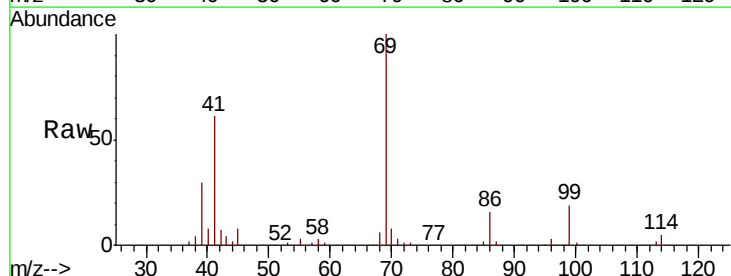


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

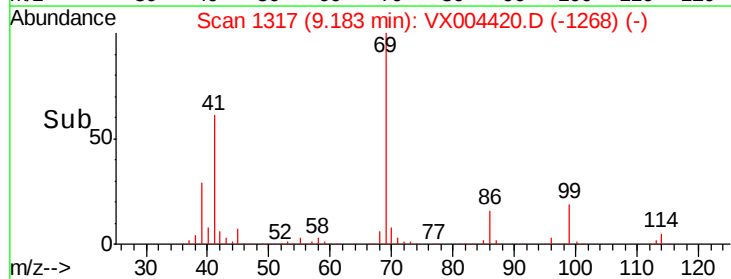
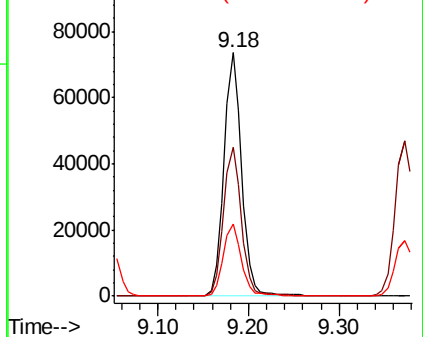


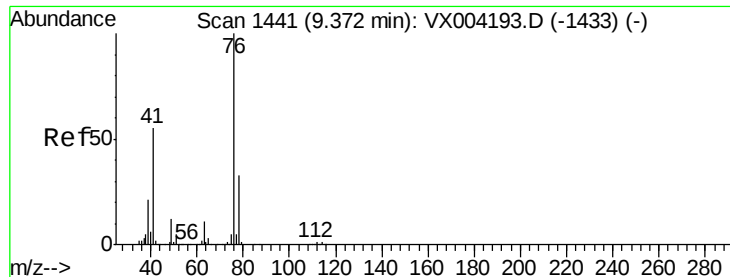
#56
 Ethyl methacrylate
 Concen: 22.80 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion:	69	Resp:	100108
Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.0	76.4
39	30.1	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 22.33 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

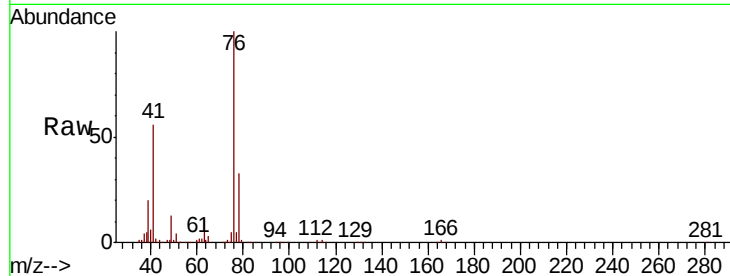
VX0907WBSD01

Tot Ion: 76 Resp: 121396

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

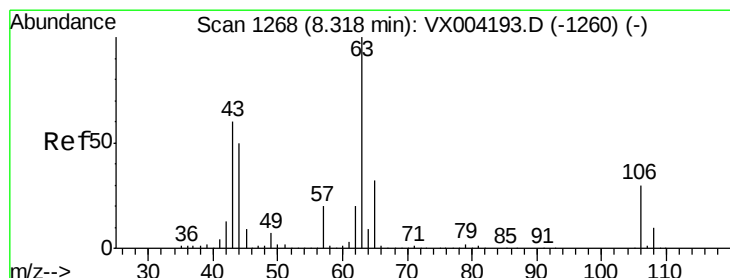
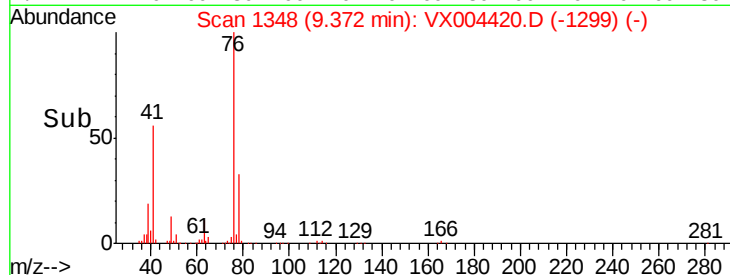
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 117.21 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004420.D

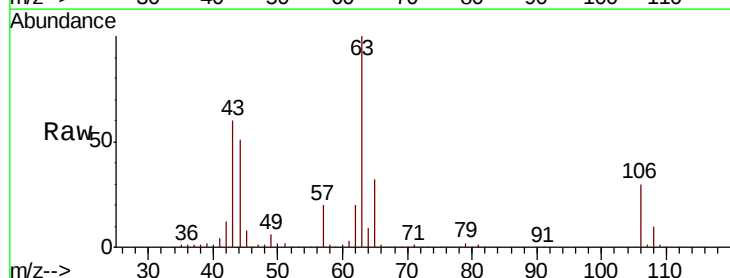
Acq: 07 Sep 2018 20:59

Tgt Ion: 63 Resp: 263642

Ion Ratio Lower Upper

63 100

106 29.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

200000

150000

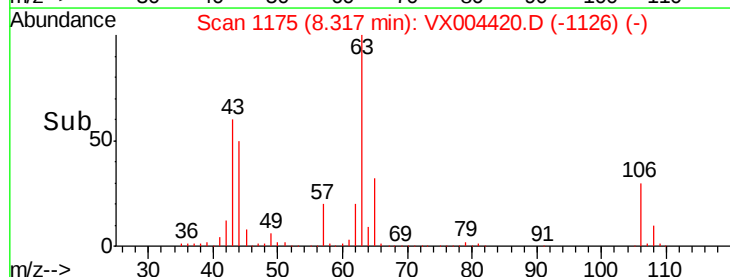
100000

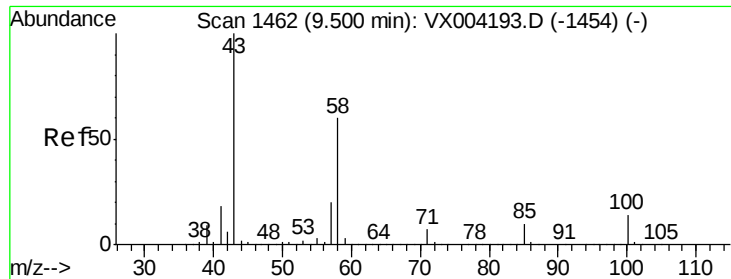
50000

0

8.20 8.30 8.40

Time-->

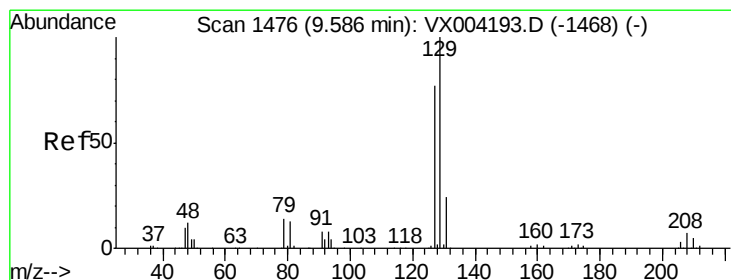
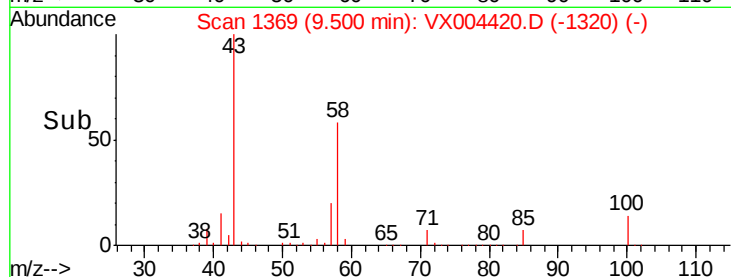
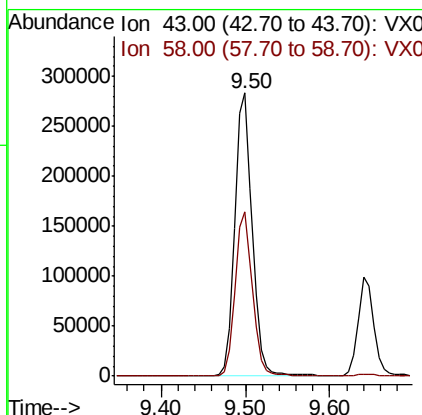
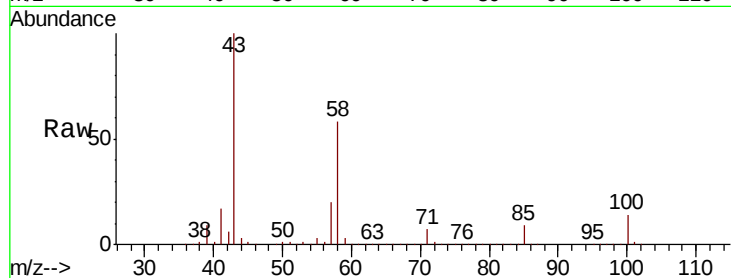




#59
 2-Hexanone
 Concen: 110.21 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

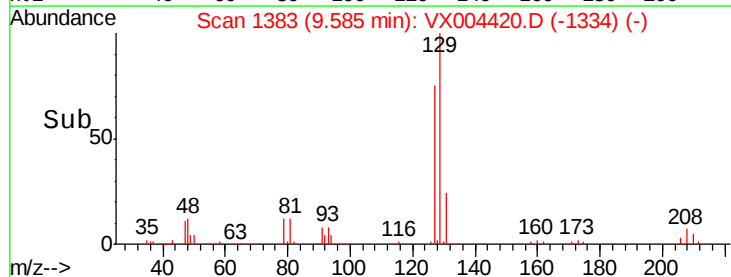
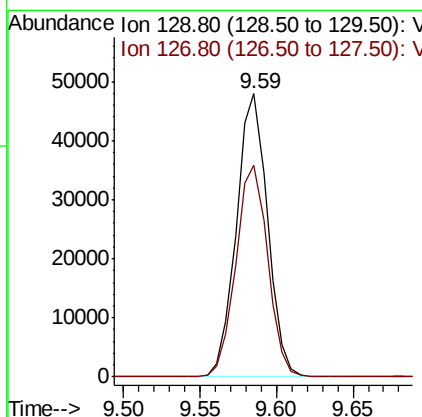
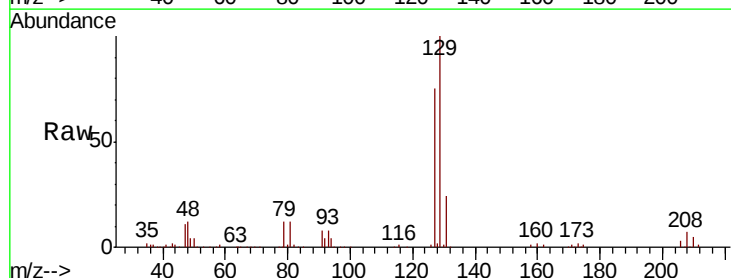
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

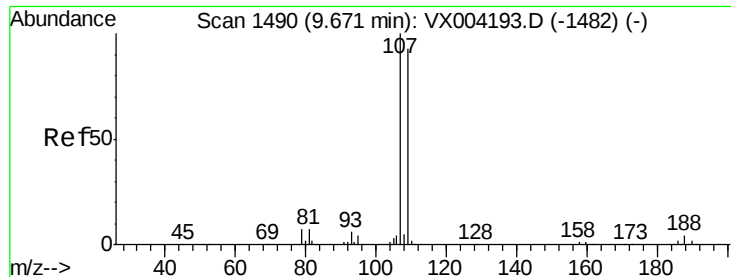
Tot Ion: 43 Resp: 394306
 Ion Ratio Lower Upper
 43 100
 58 57.9 29.0 87.0



#60
 Dibromochloromethane
 Concen: 21.56 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion:129 Resp: 67752
 Ion Ratio Lower Upper
 129 100
 127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.90 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

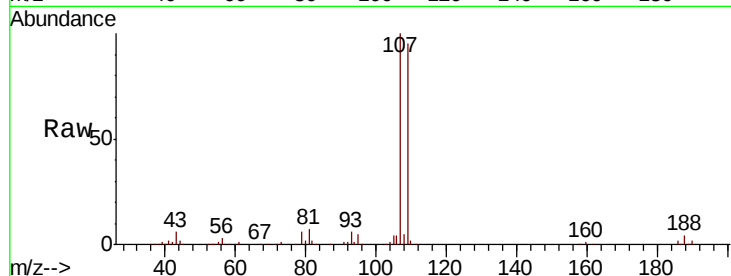
VX0907WBSD01

Tot Ion:107 Resp: 73069

Ion Ratio Lower Upper

107 100

109 95.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

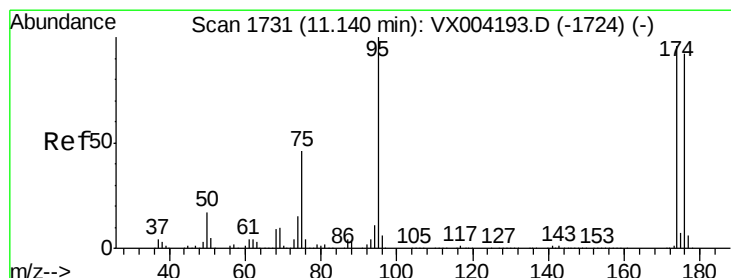
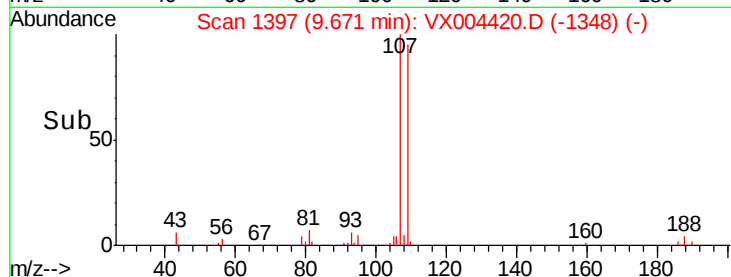
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 55.11 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

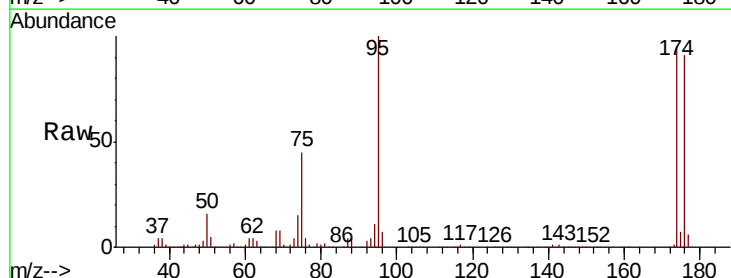
Tgt Ion: 95 Resp: 219356

Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.2

176 87.7 0.0 178.6



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

200000

150000

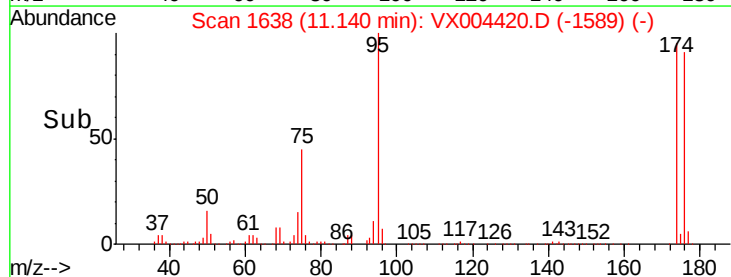
100000

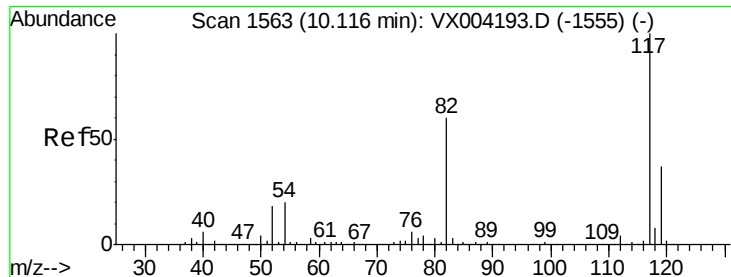
50000

0

Time-->

11.10 11.20

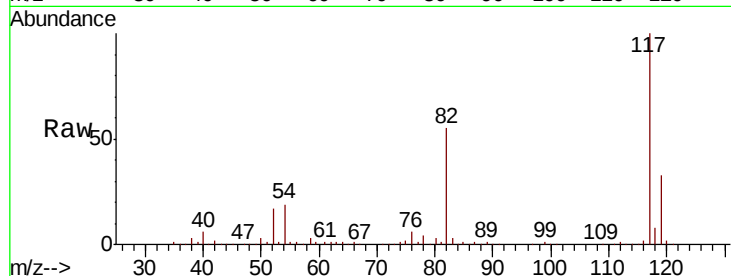




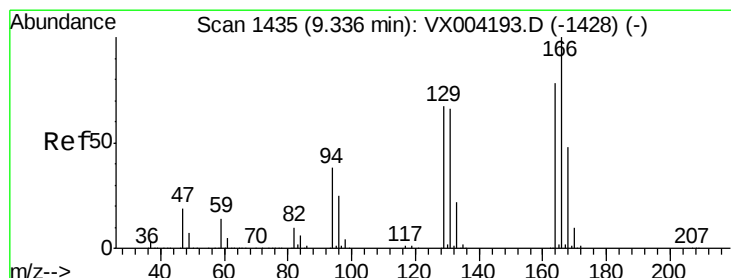
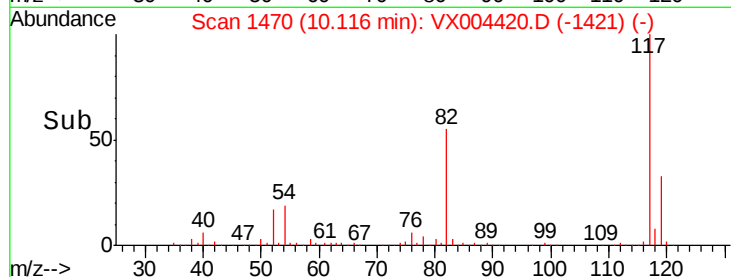
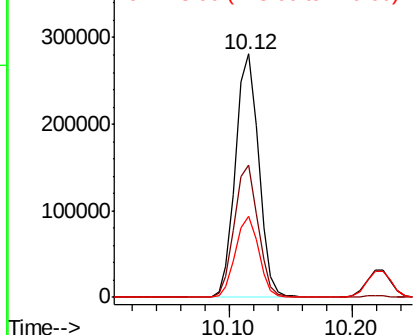
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tot Ion:117 Resp: 368716
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 33.4 29.3 43.9

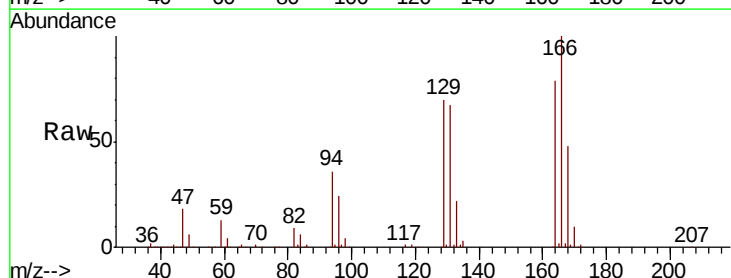


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

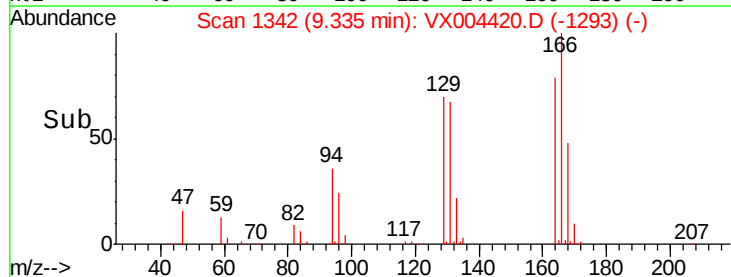
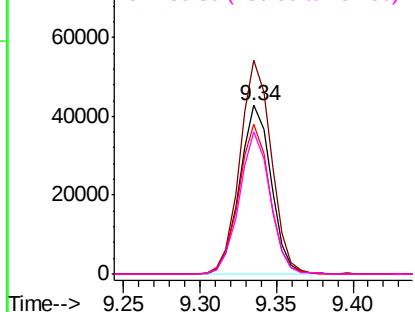


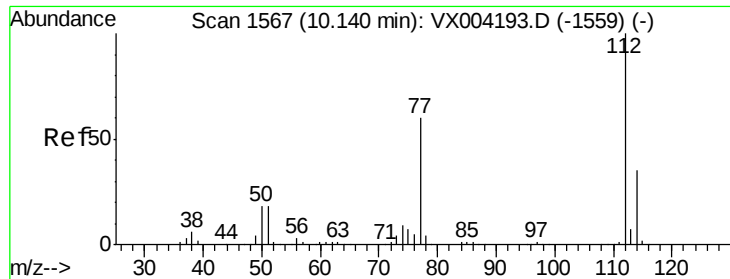
#64
Tetrachloroethene
Concen: 16.75 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion:164 Resp: 61026
Ion Ratio Lower Upper
164 100
166 126.9 102.8 154.2
129 88.7 69.4 104.0
131 84.6 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

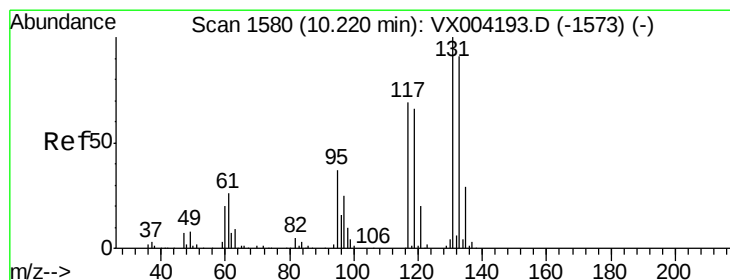
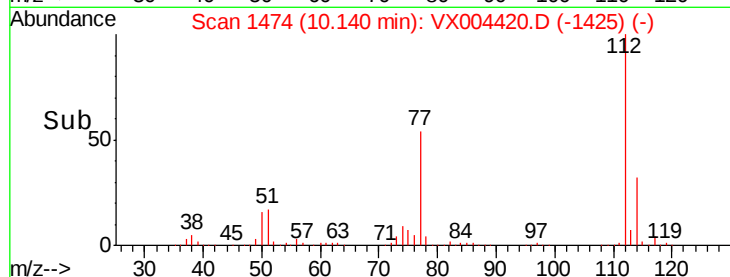
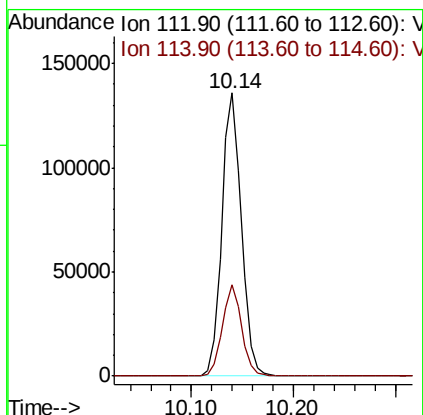
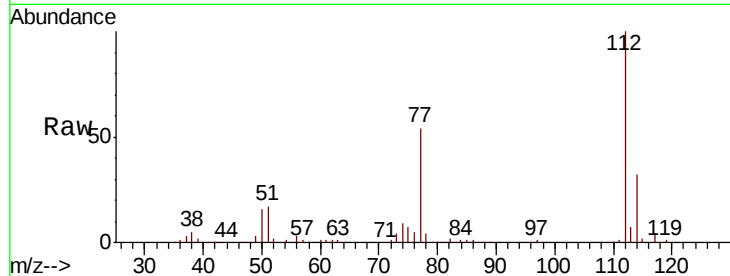




#65
Chlorobenzene
Concen: 19.58 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

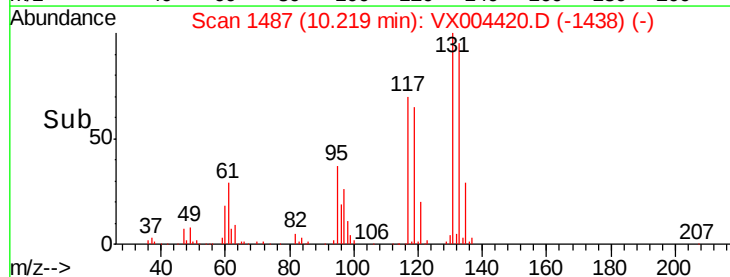
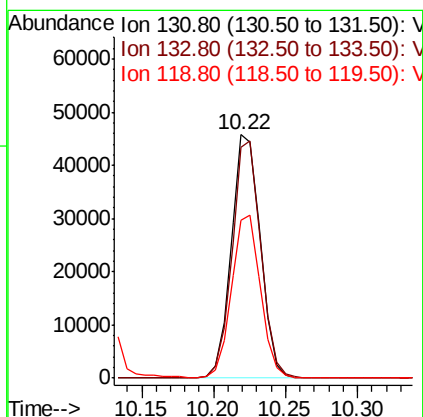
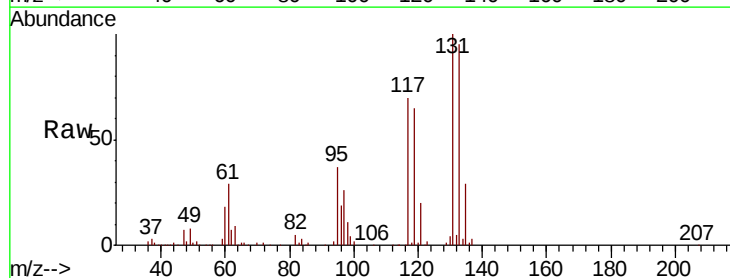
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

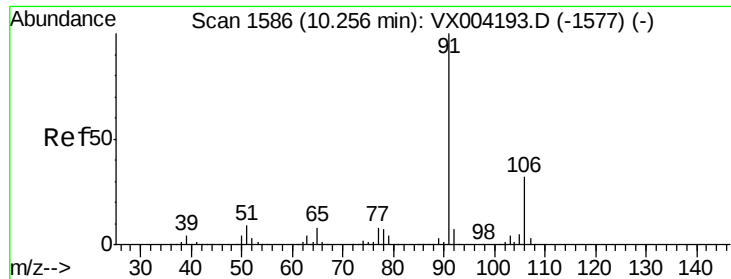
Tot Ion:112 Resp: 181153
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.28 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion:131 Resp: 64734
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 66.8 32.9 98.6

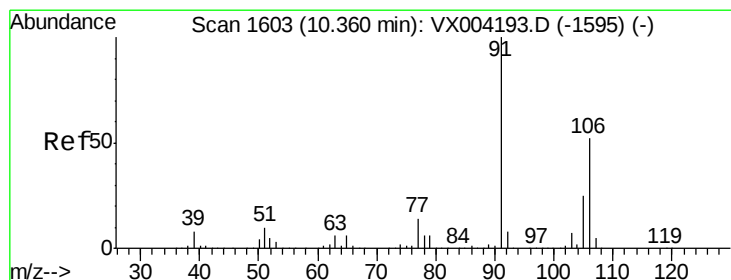
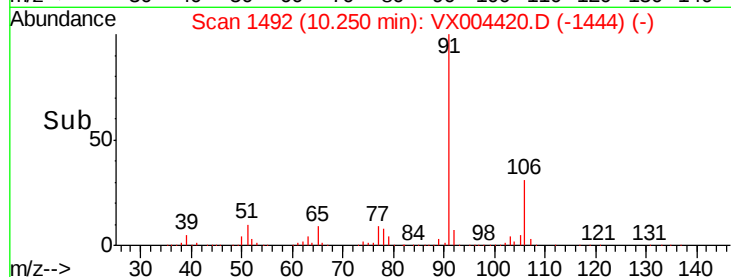
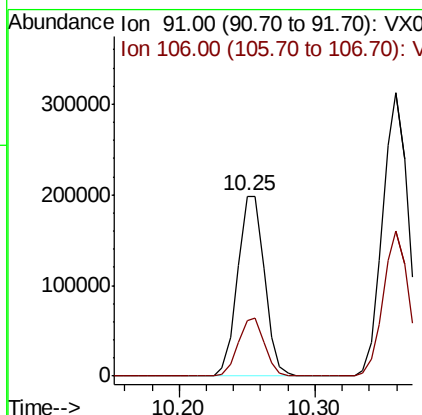
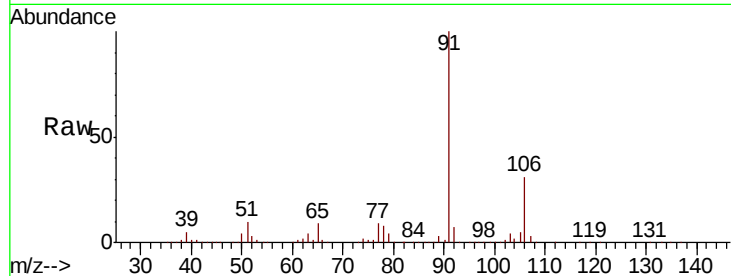




#67
Ethyl Benzene
Concen: 18.27 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

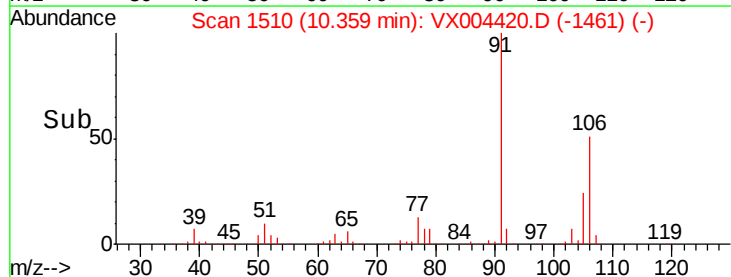
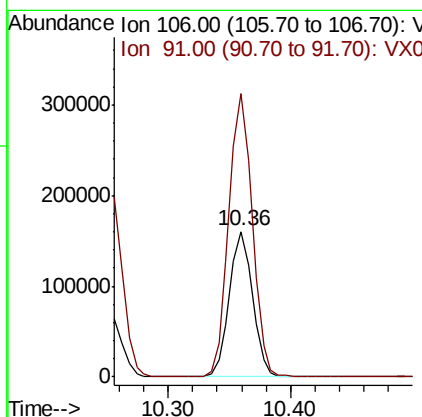
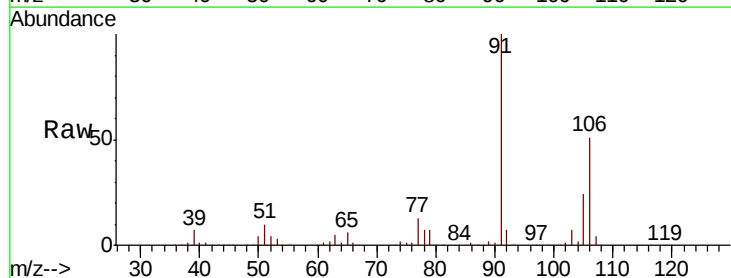
Instrument :
MSVOA_X
ClientSampleID :
VX0907WBSD01

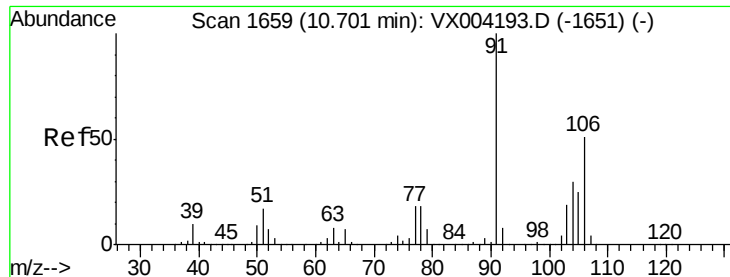
Tot Ion: 91 Resp: 274609
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 35.74 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 106 Resp: 210029
Ion Ratio Lower Upper
106 100
91 198.0 157.1 235.7

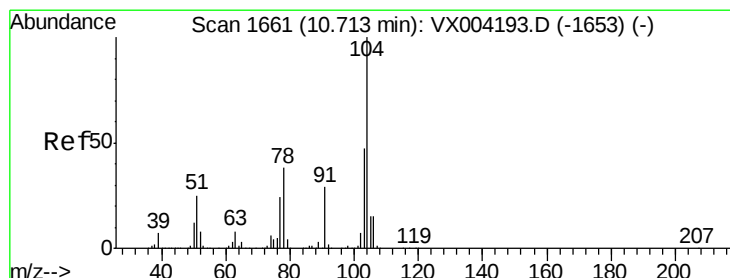
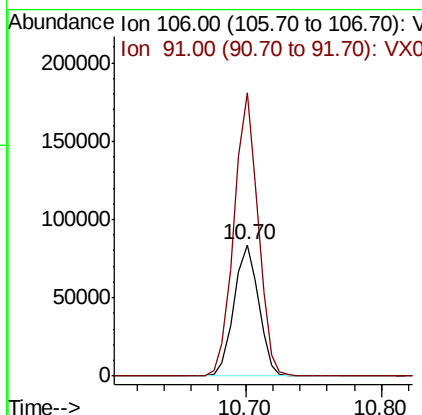
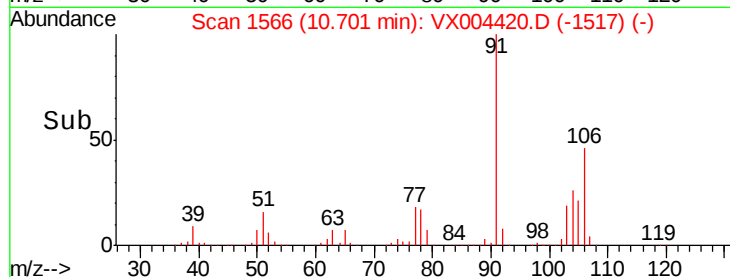
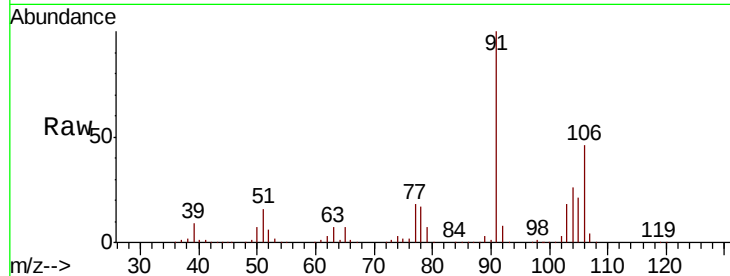




#69
o-Xylene
Concen: 19.23 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

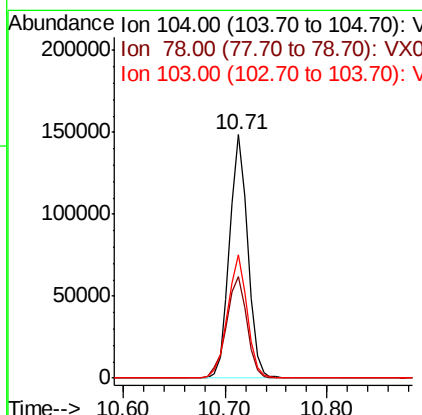
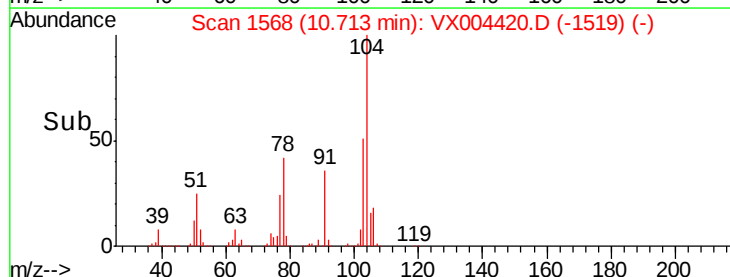
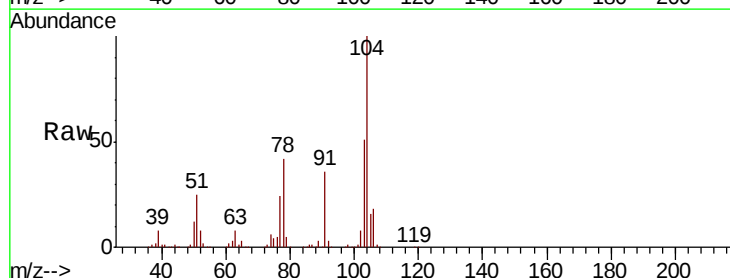
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

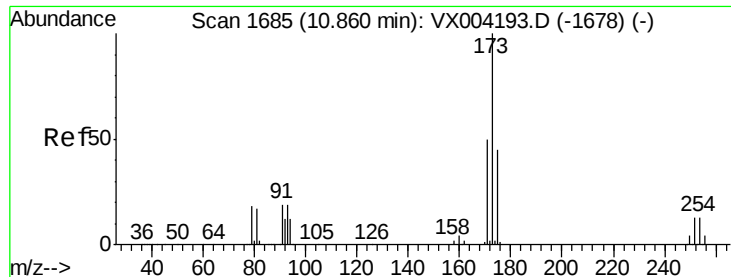
Tot Ion:106 Resp: 106867
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1



#70
Styrene
Concen: 20.36 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion:104 Resp: 183290
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 54.8 43.8 65.6

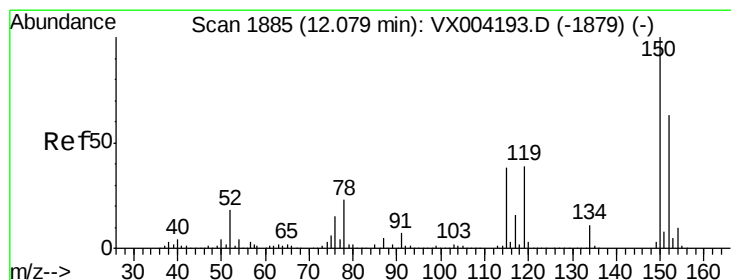
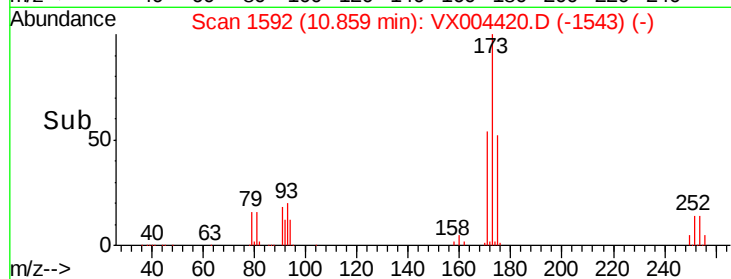
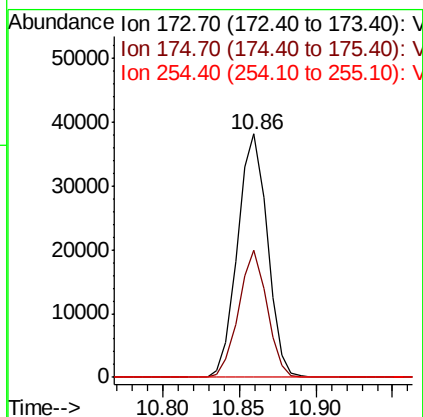
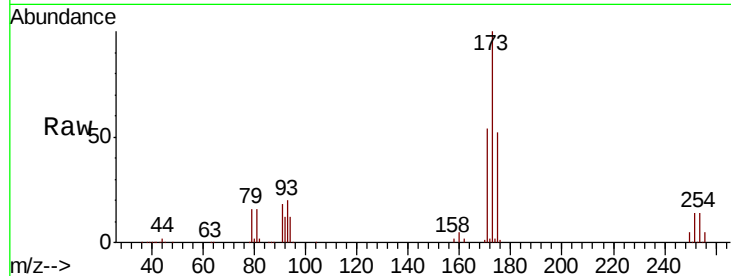




#71
Bromoform
Concen: 20.07 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

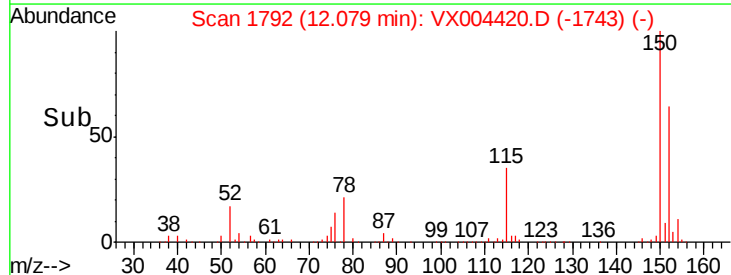
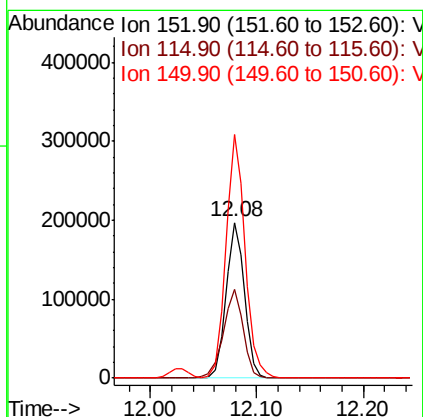
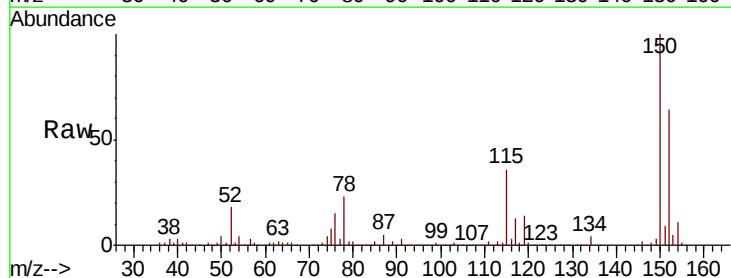
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

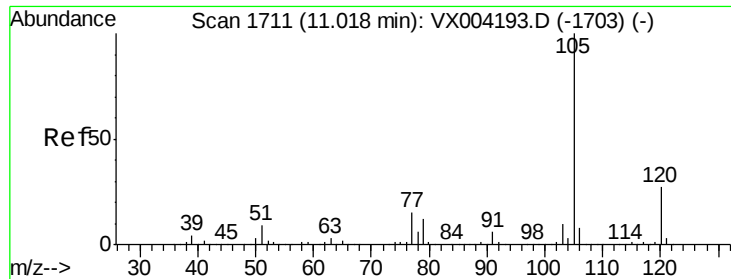
Tot Ion:173 Resp: 51627
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.3
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion:152 Resp: 236996
Ion Ratio Lower Upper
152 100
115 61.4 39.0 117.0
150 162.7 0.0 351.0





#73

Isopropylbenzene

Concen: 17.10 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

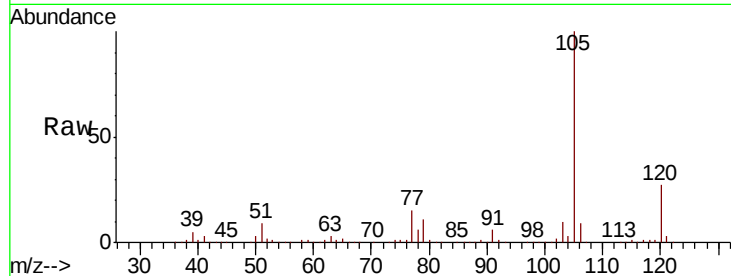
VX0907WBSD01

Tot Ion:105 Resp: 266131

Ion Ratio Lower Upper

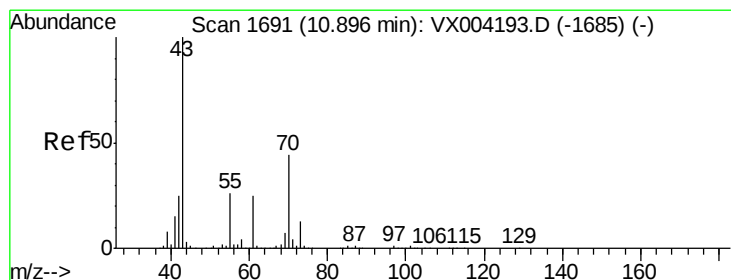
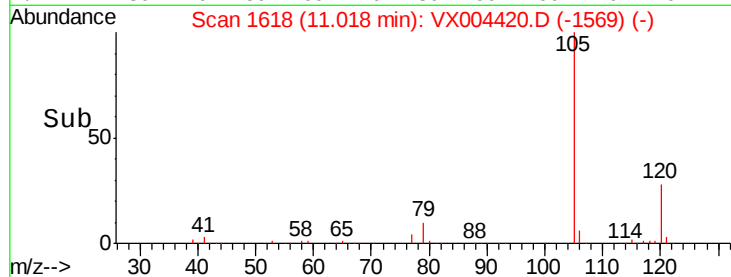
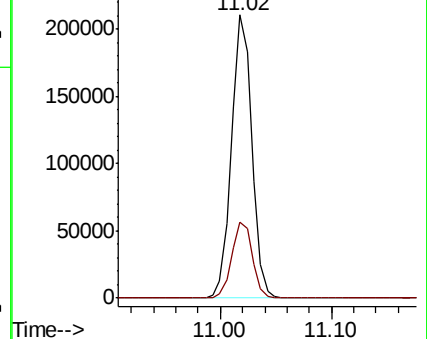
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.12 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Tgt Ion: 43 Resp: 120610

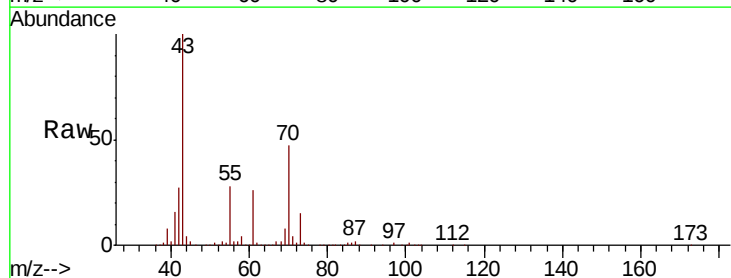
Ion Ratio Lower Upper

43 100

70 47.9 37.4 56.0

55 29.0 21.8 32.8

61 26.3 20.6 30.8

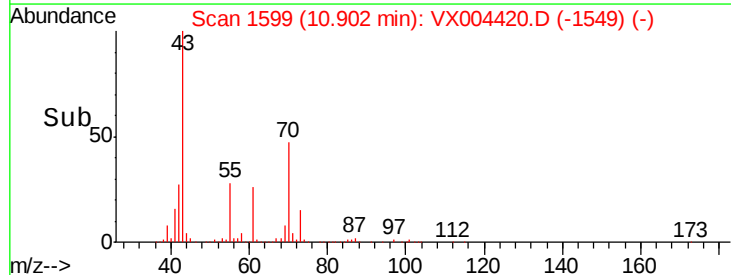
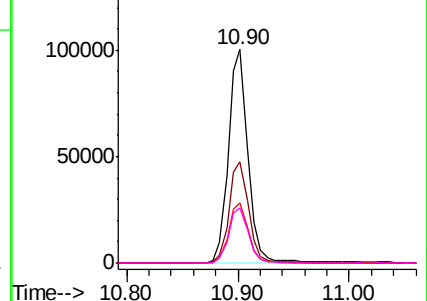


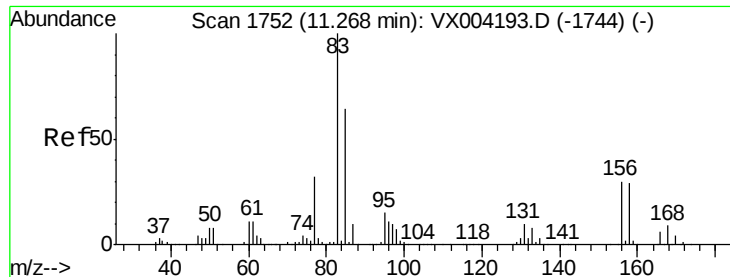
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.71 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

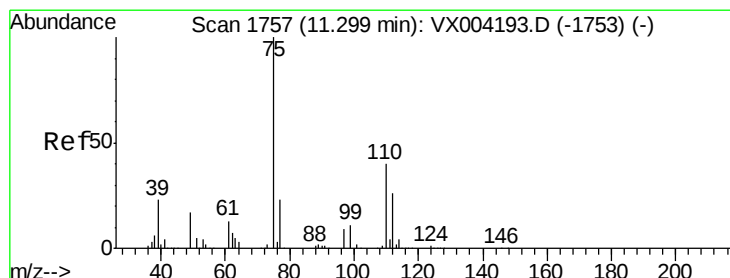
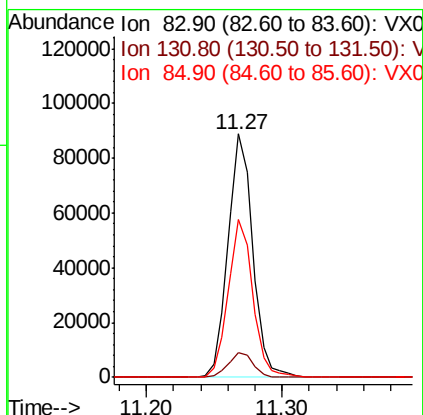
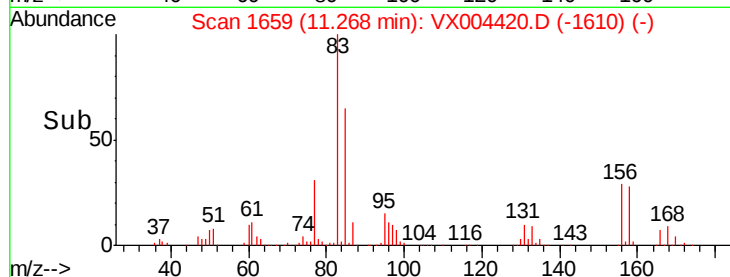
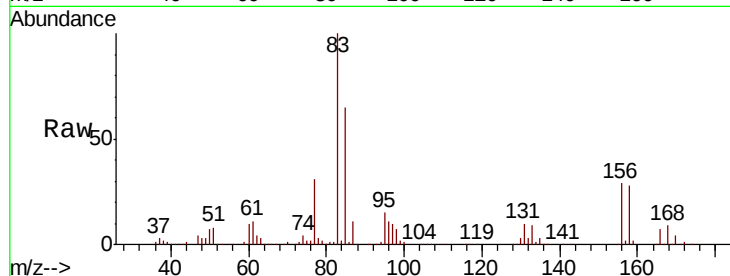
Tot Ion: 83 Resp: 112838

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 25.03 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004420.D

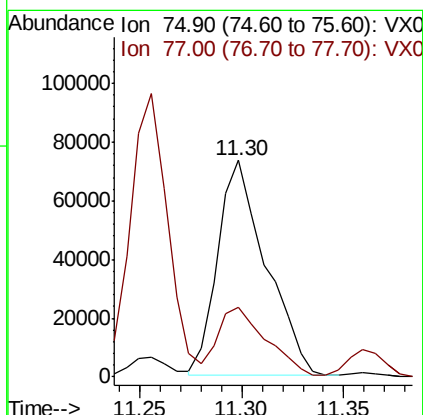
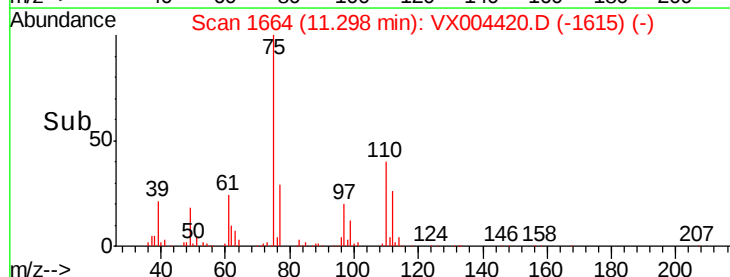
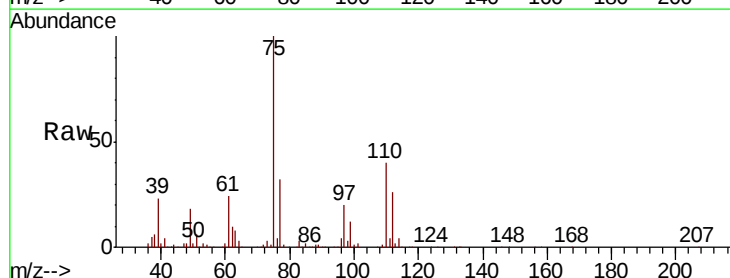
Acq: 07 Sep 2018 20:59

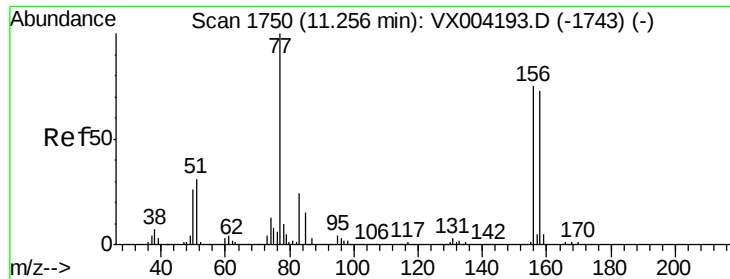
Tgt Ion: 75 Resp: 120653

Ion Ratio Lower Upper

75 100

77 32.3 20.2 60.6

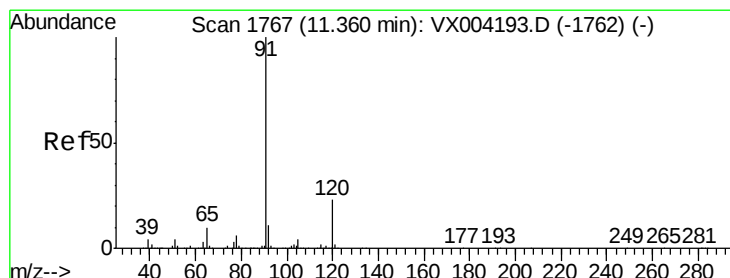
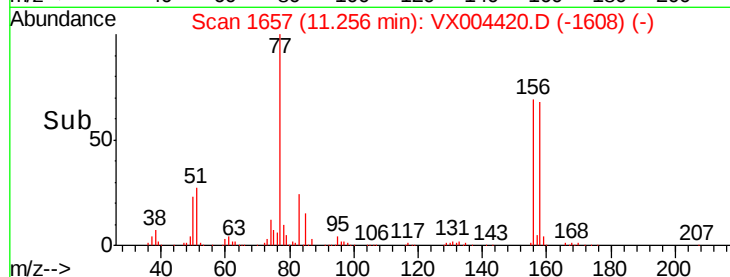
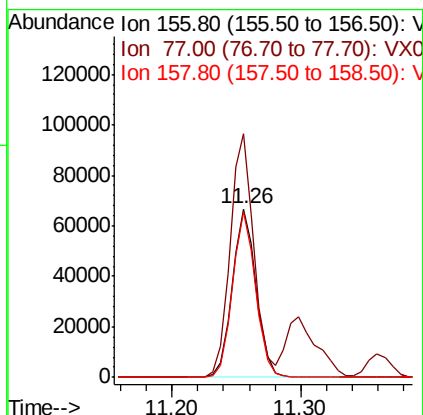
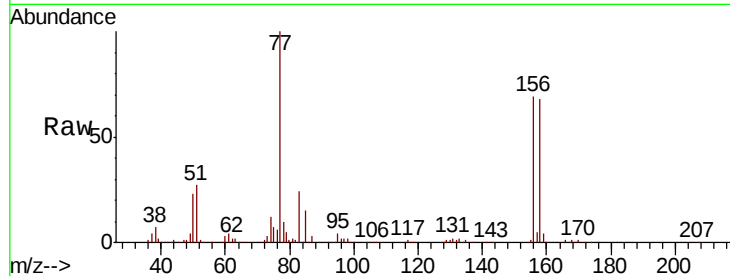




#77
Bromobenzene
Concen: 19.64 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

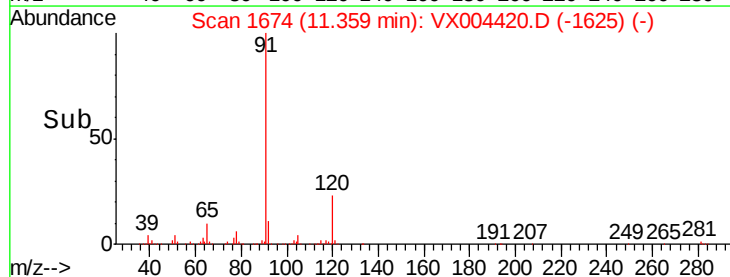
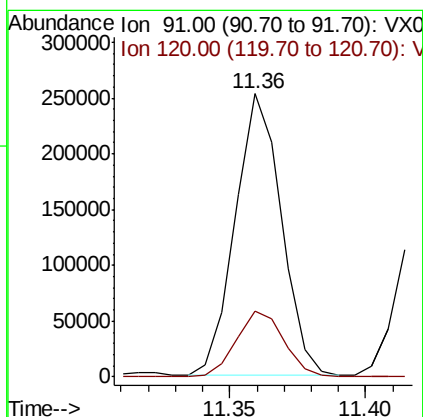
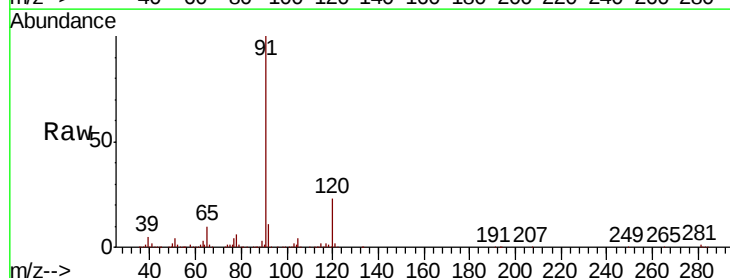
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

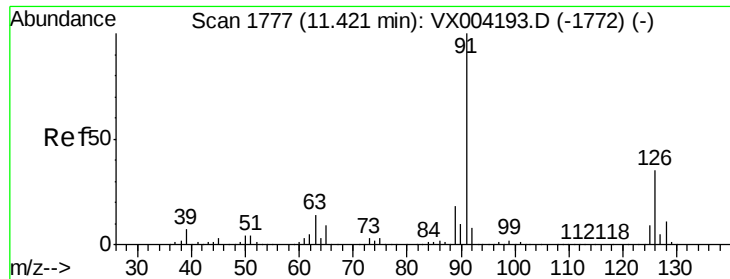
Tot Ion:156 Resp: 85768
Ion Ratio Lower Upper
156 100
77 145.3 71.5 214.3
158 96.3 48.9 146.8



#78
n-propylbenzene
Concen: 16.59 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 91 Resp: 296948
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.9

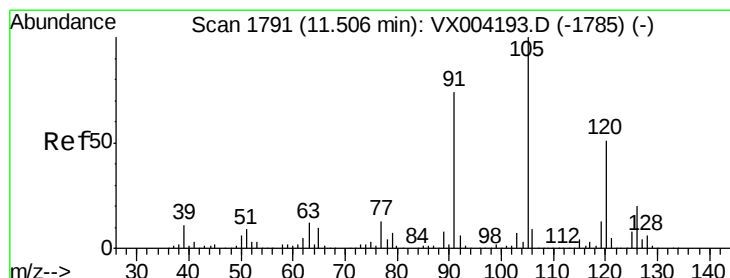
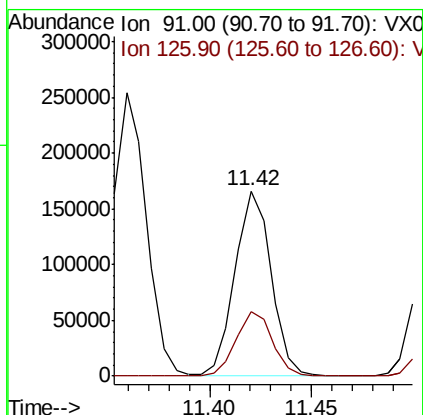
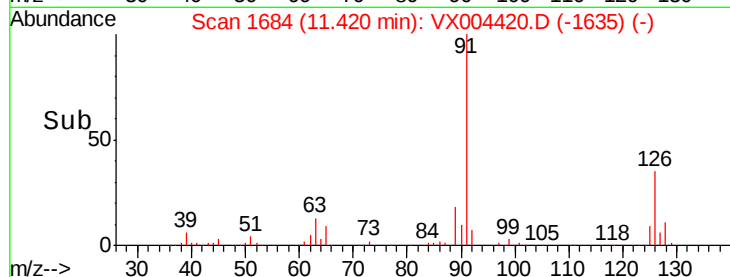
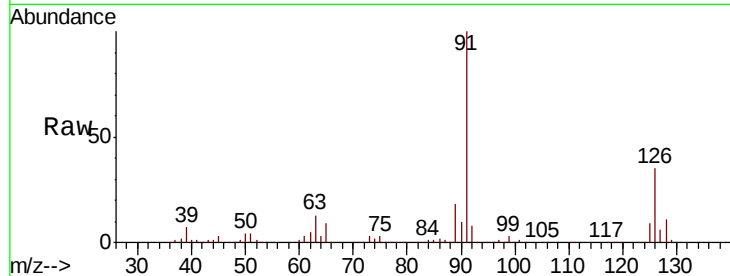




#79
 2-Chlorotoluene
 Concen: 18.33 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

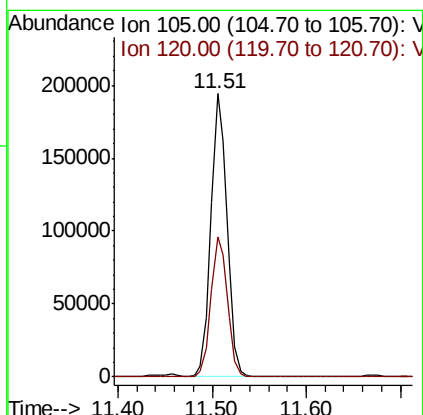
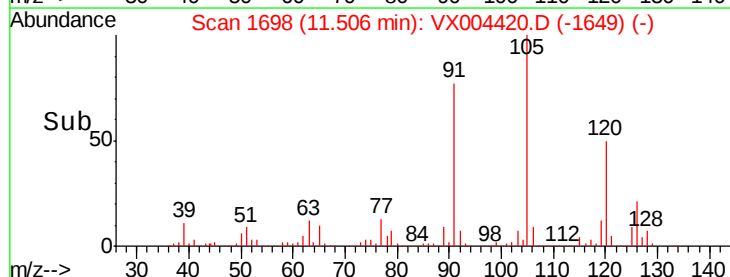
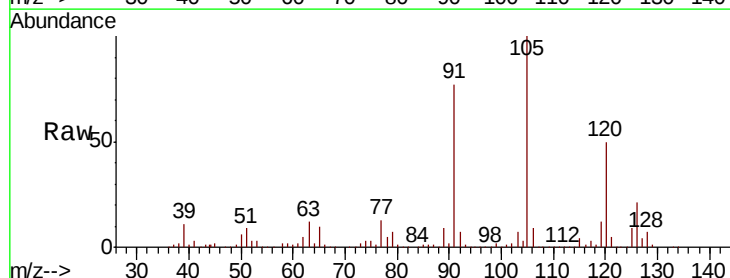
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

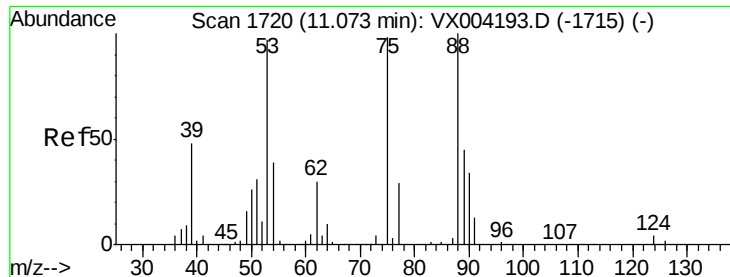
Tot Ion: 91 Resp: 202003
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 17.91 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion:105 Resp: 230905
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.99 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

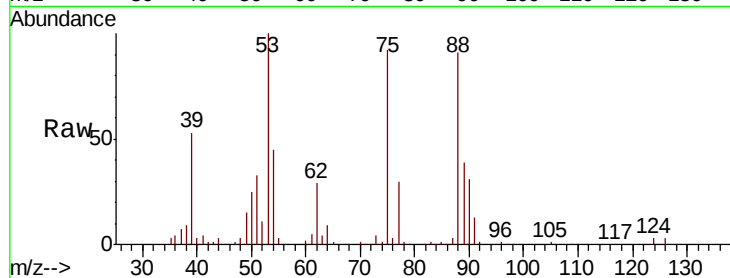
Tot Ion: 75 Resp: 26729

Ion Ratio Lower Upper

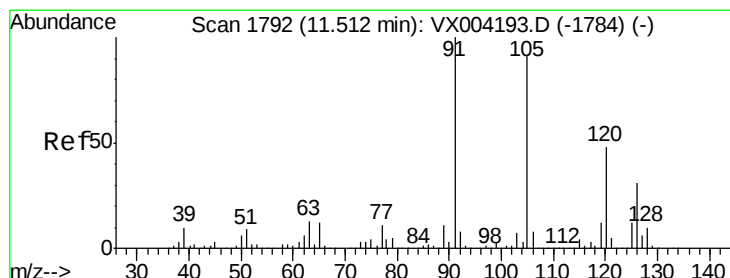
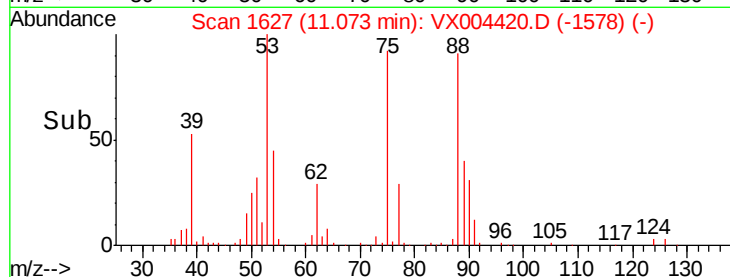
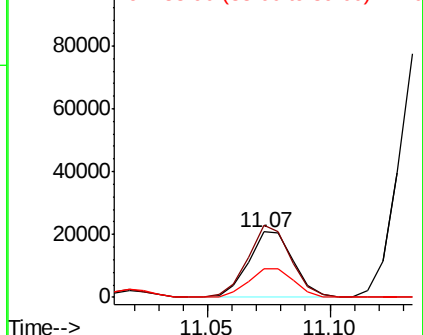
75 100

53 104.9 80.1 120.1

89 44.8 37.2 55.8



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



#82

4-Chlorotoluene

Concen: 18.17 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004420.D

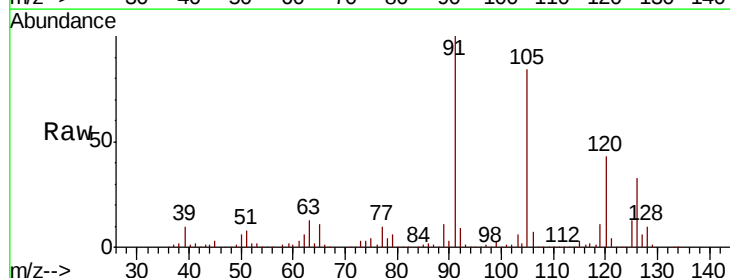
Acq: 07 Sep 2018 20:59

Tgt Ion: 91 Resp: 235658

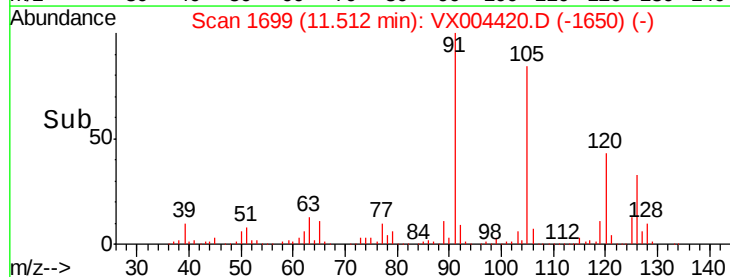
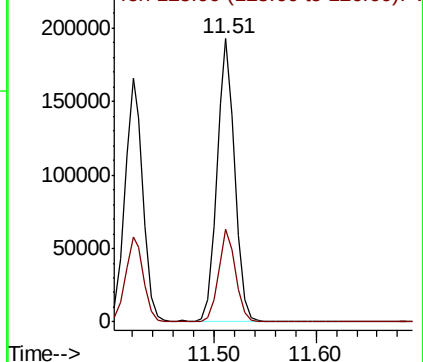
Ion Ratio Lower Upper

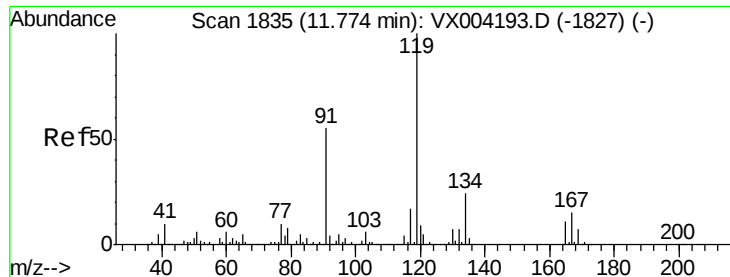
91 100

126 31.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

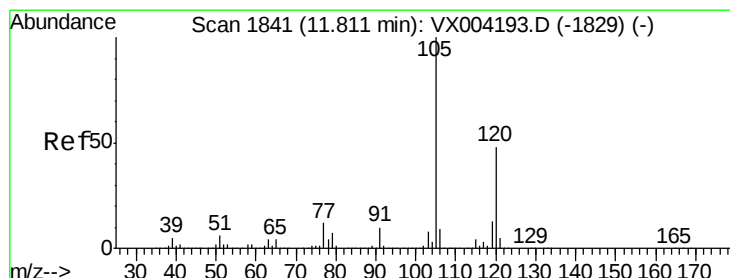
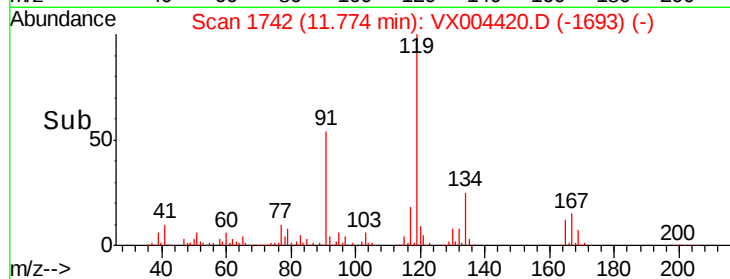
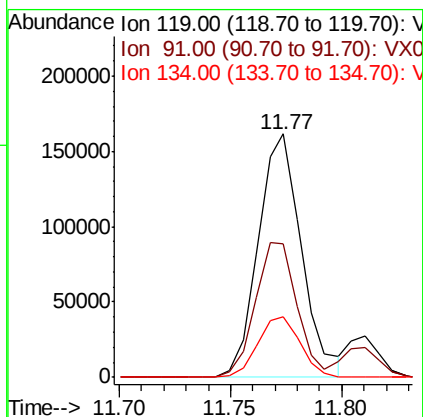
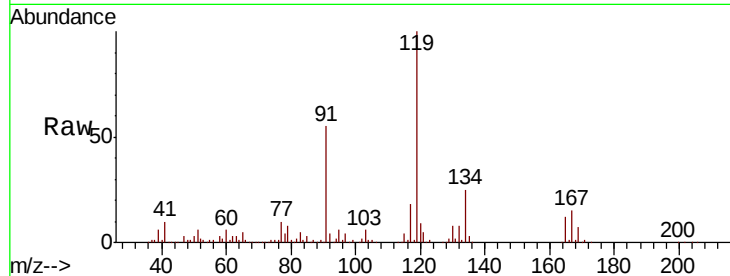




#83
 tert-Butylbenzene
 Concen: 16.85 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

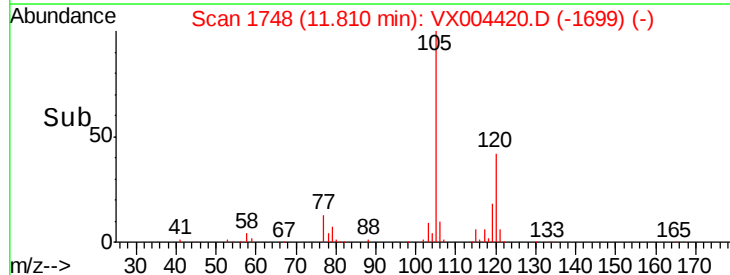
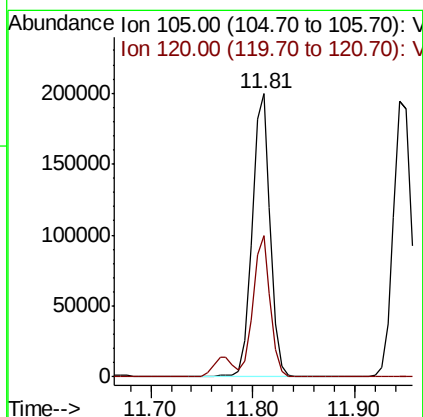
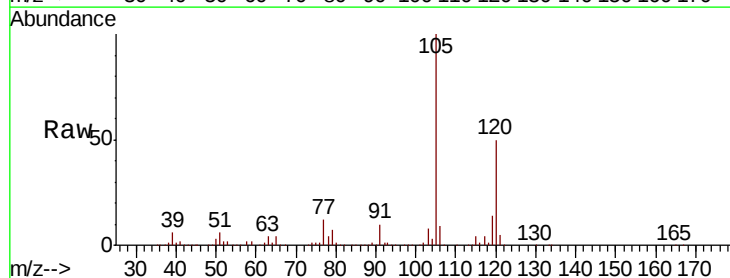
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

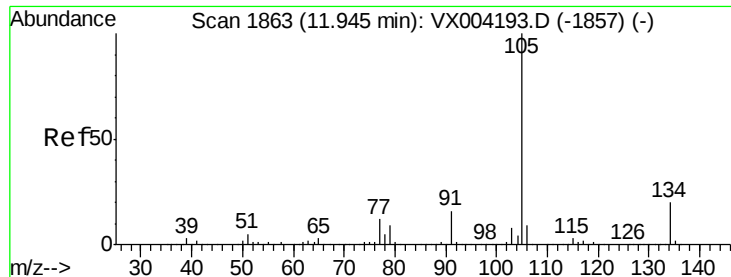
Tot Ion:119 Resp: 218473
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.0 81.0
 134 24.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.66 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion:105 Resp: 246897
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.6

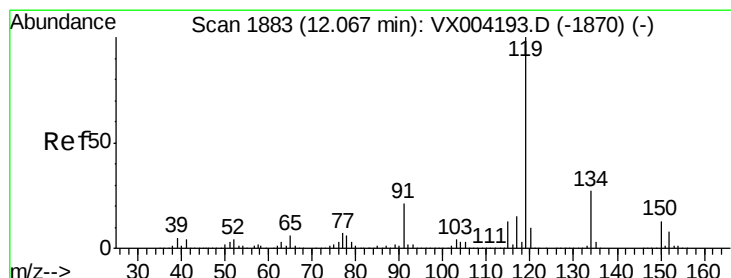
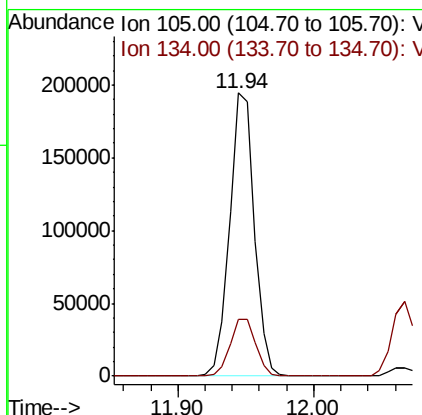
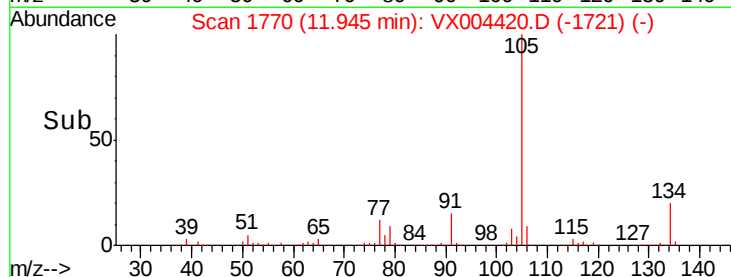
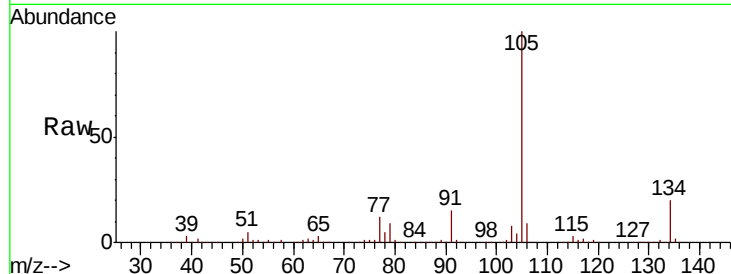




#85
 sec-Butylbenzene
 Concen: 15.93 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

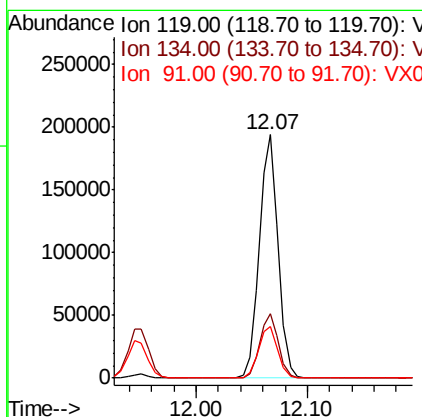
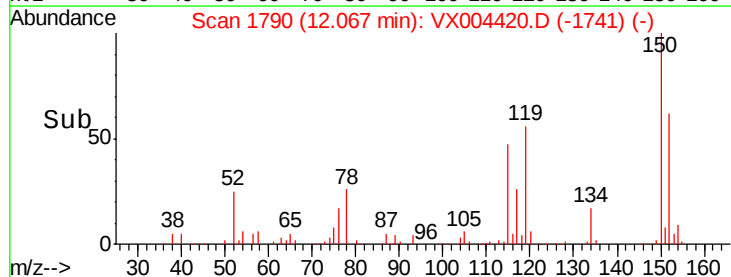
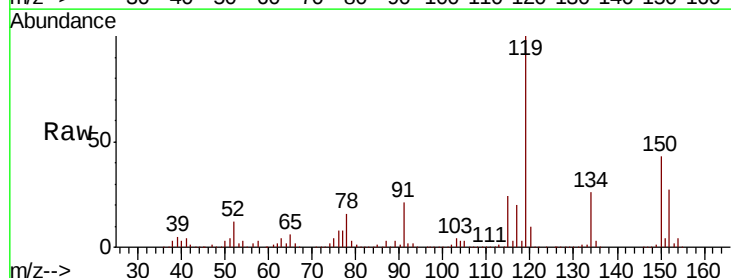
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

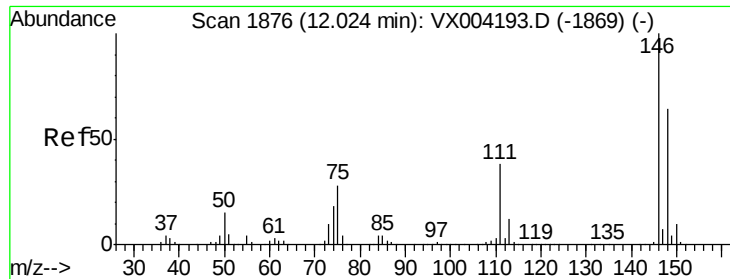
Tot Ion:105 Resp: 245249
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 16.57 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion:119 Resp: 228602
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 21.6 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 18.30 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

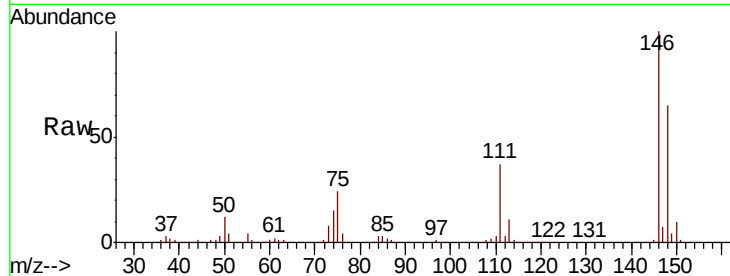
Tot Ion:146 Resp: 150469

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

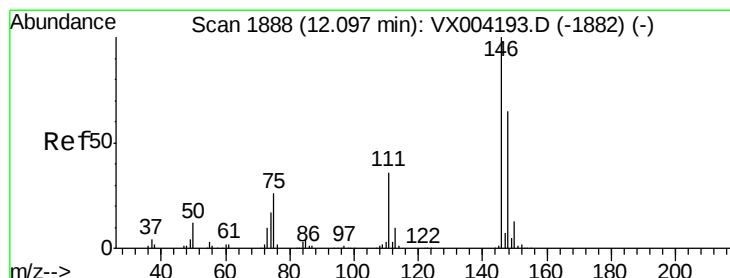
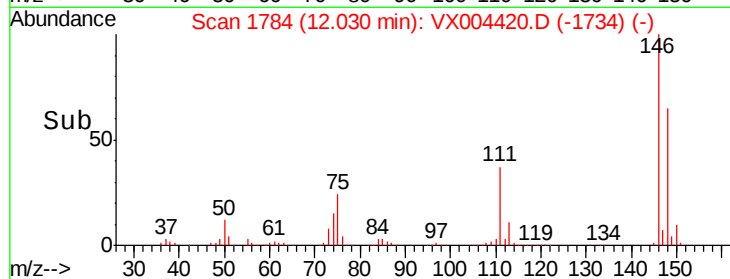
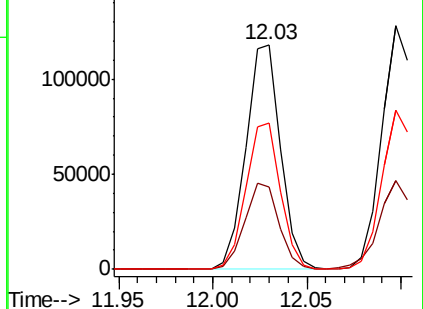
148 65.0 32.1 96.5



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: 18.11 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

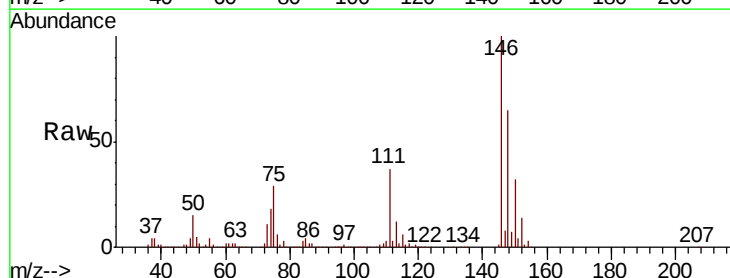
Tgt Ion:146 Resp: 156936

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

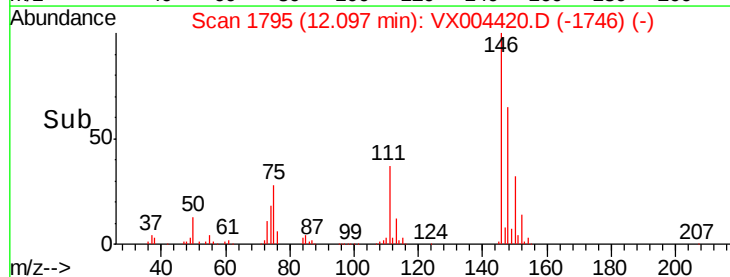
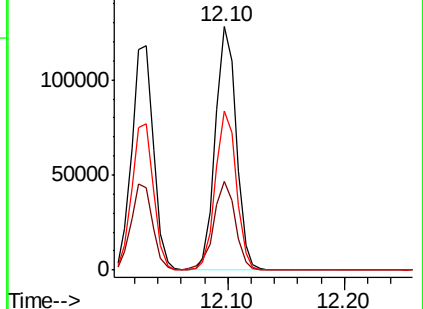
148 65.3 32.0 96.0

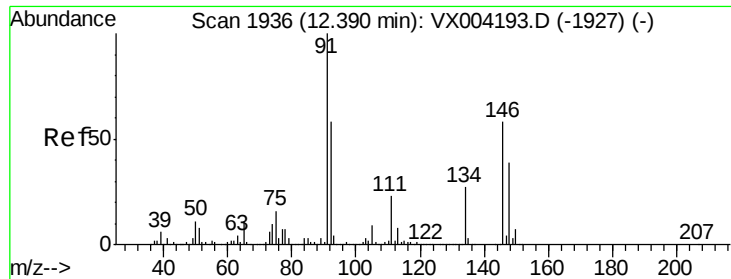


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

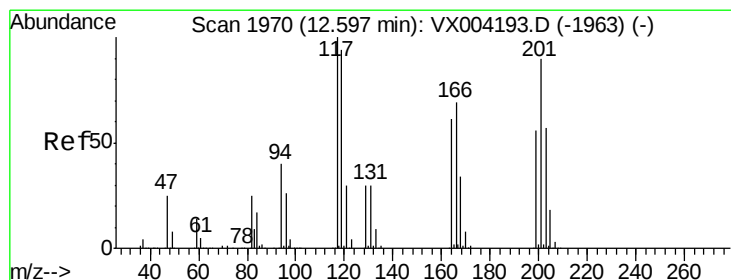
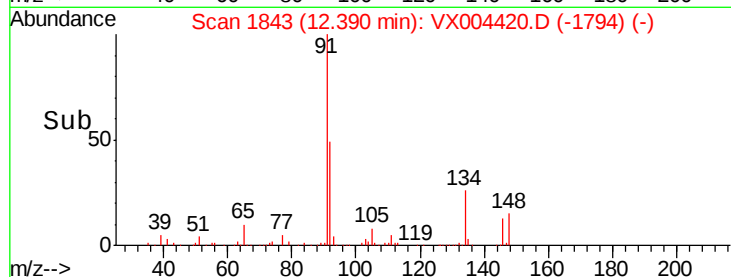
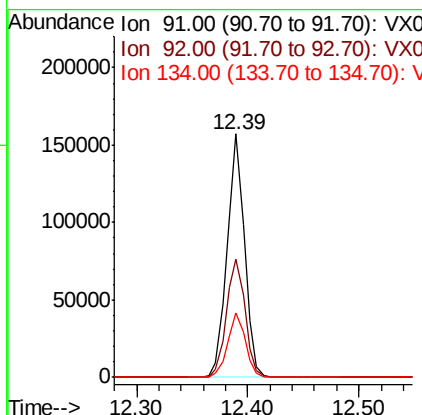
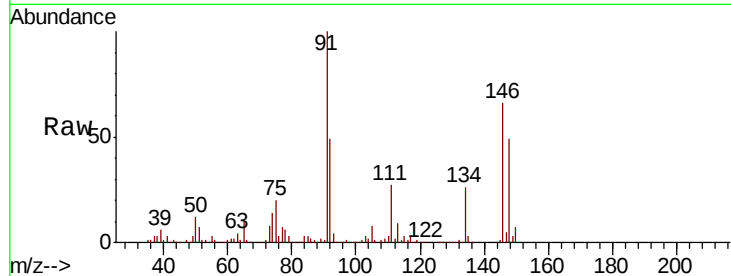




#89
n-Butylbenzene
Concen: 15.18 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

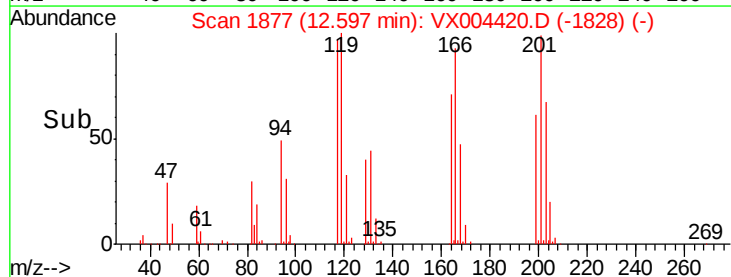
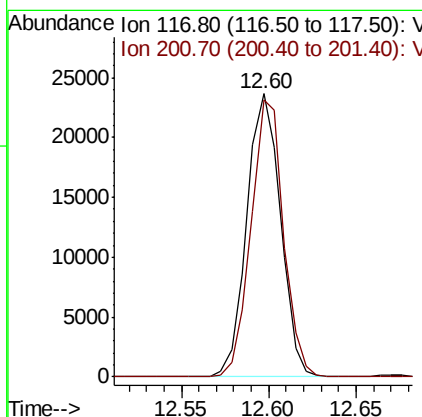
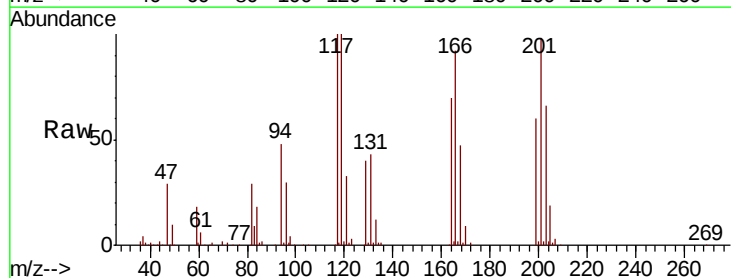
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

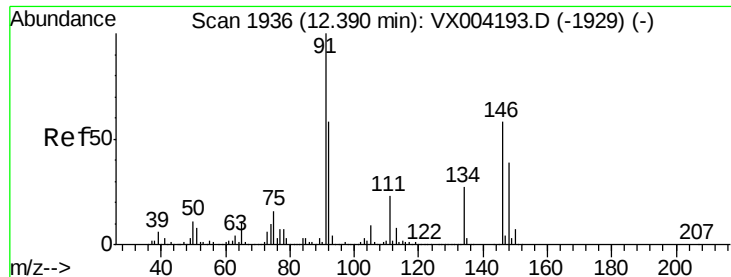
Tot Ion: 91 Resp: 170347
Ion Ratio Lower Upper
91 100
92 51.9 27.3 81.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 16.46 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004420.D
Acq: 07 Sep 2018 20:59

Tgt Ion: 117 Resp: 31746
Ion Ratio Lower Upper
117 100
201 94.0 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.00 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

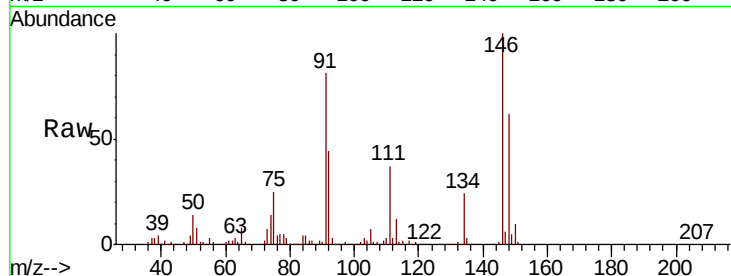
Tot Ion:146 Resp: 150241

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.1

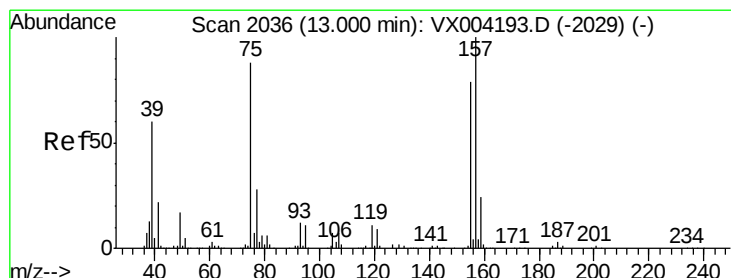
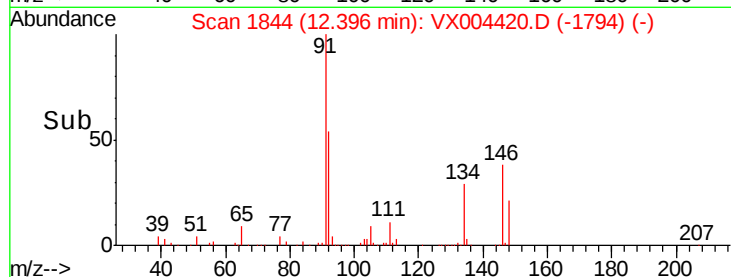
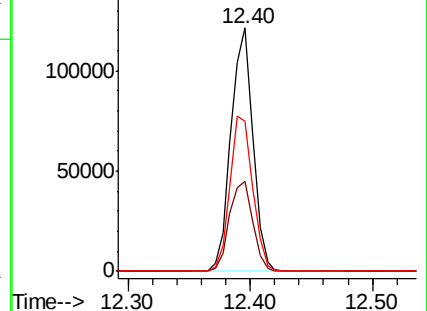
148 66.2 32.8 98.3



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: 20.13 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

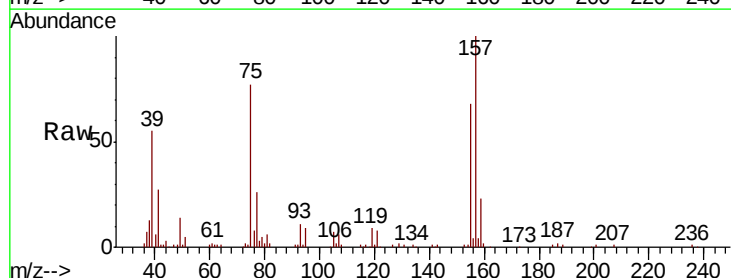
Tgt Ion: 75 Resp: 19317

Ion Ratio Lower Upper

75 100

155 97.4 48.0 144.2

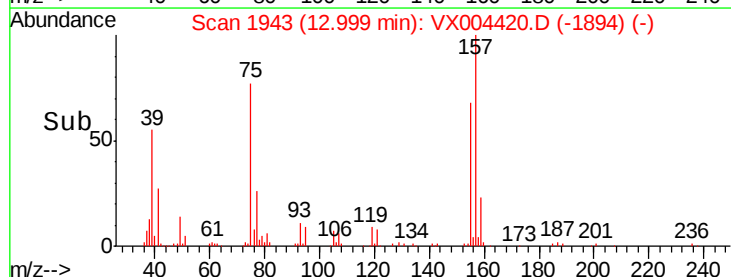
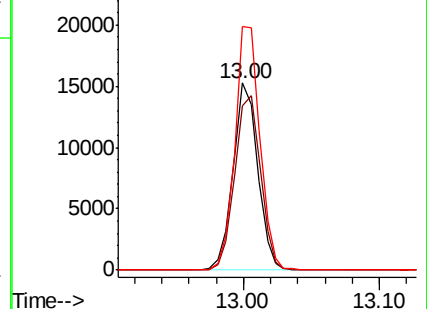
157 130.8 61.4 184.1

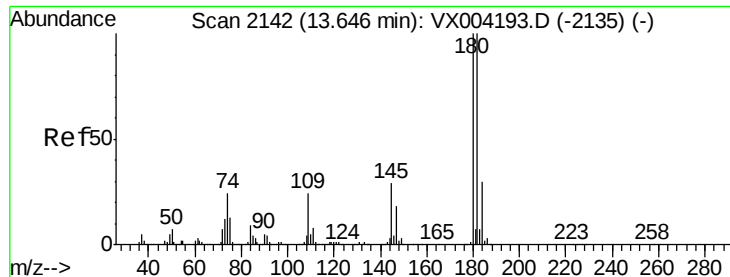


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

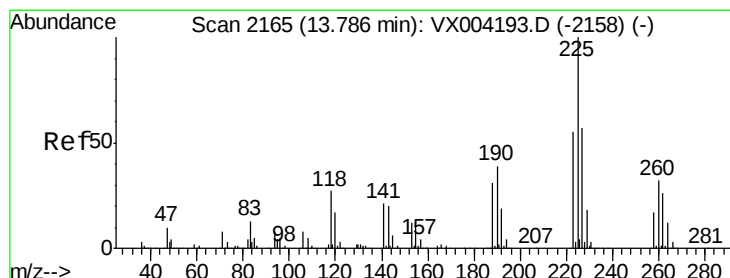
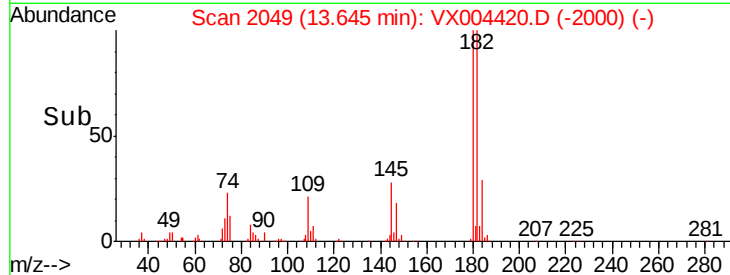
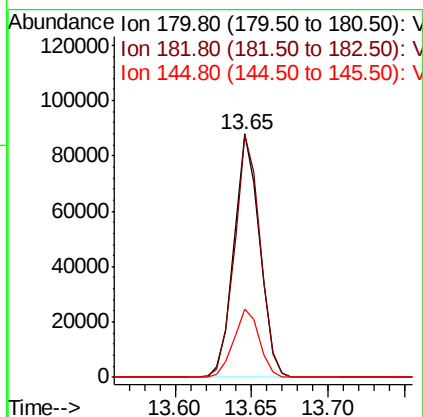
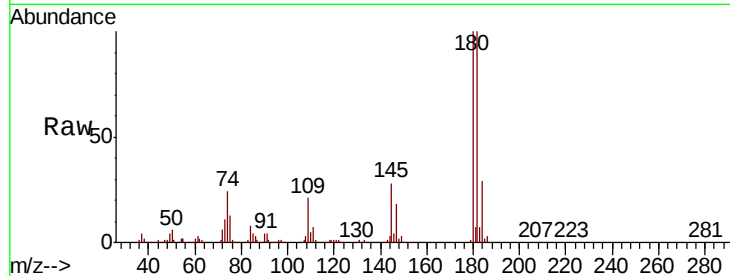




#93
 1,2,4-Trichlorobenzene
 Concen: 18.72 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

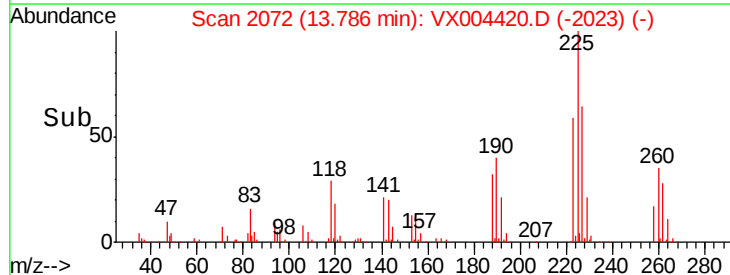
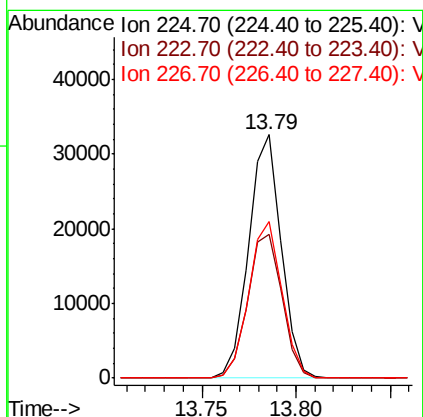
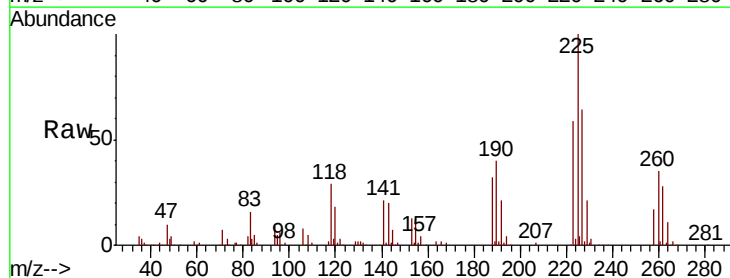
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

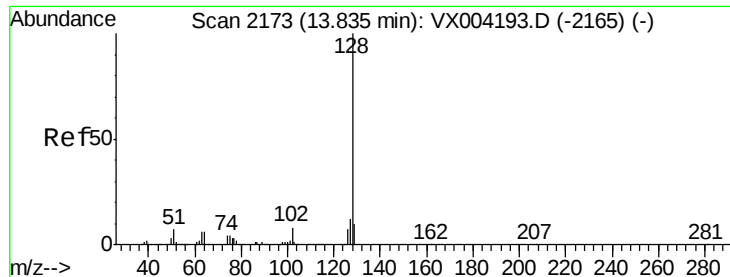
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.4	145.0
145	28.2	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 15.29 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004420.D
 Acq: 07 Sep 2018 20:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.1	90.5
227	65.1	30.8	92.4





#95

Naphthalene

Concen: 21.90 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

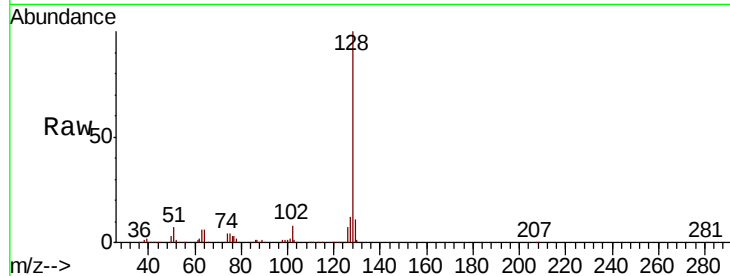
Tot Ion:128 Resp: 338659

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

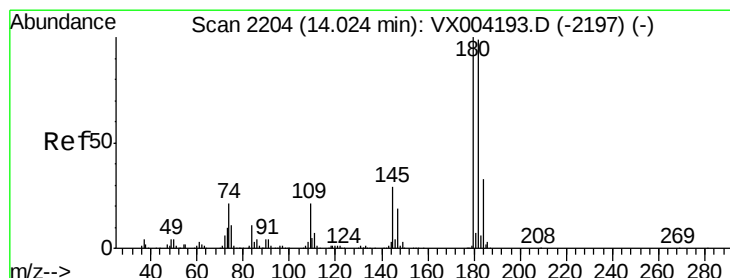
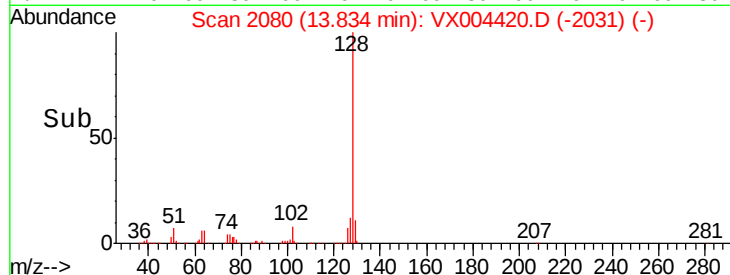
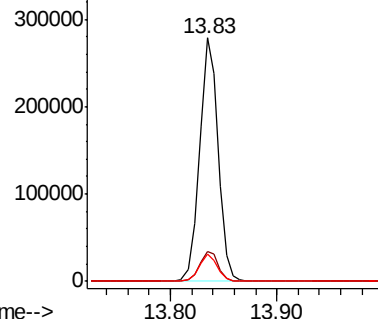
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.96 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004420.D

Acq: 07 Sep 2018 20:59

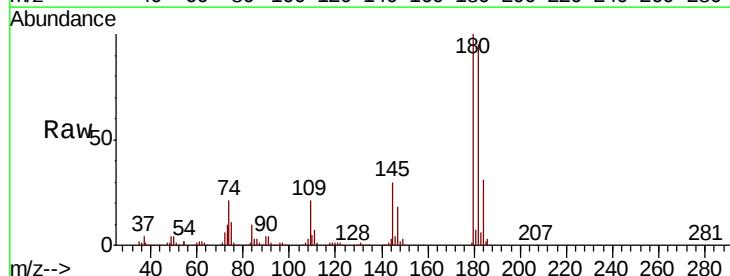
Tgt Ion:180 Resp: 115496

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 30.5 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

