

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
 Data File : VX014843.D
 Acq On : 06 Feb 2020 13:17
 Operator : JC/SP
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Quant Time: Feb 06 14:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	414101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	625311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	566260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236045	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	5.49	113	193231	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	732992	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	260789	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	88932	16.36	ug/l	98
3) Chloromethane	1.32	50	90861	16.22	ug/l	100
4) Vinyl Chloride	1.40	62	108729	17.95	ug/l	99
5) Bromomethane	1.64	94	67150	16.32	ug/l	100
6) Chloroethane	1.72	64	62257	17.05	ug/l	99
7) Trichlorofluoromethane	1.92	101	130307	18.48	ug/l	98
8) Diethyl Ether	2.18	74	56694	18.42	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77367	18.69	ug/l	99
10) Methyl Iodide	2.50	142	98462	18.12	ug/l	97
11) Tert butyl alcohol	3.03	59	97745	90.03	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73887	17.95	ug/l	95
13) Acrolein	2.28	56	65757	76.82	ug/l	97
14) Allyl chloride	2.72	41	131732	17.80	ug/l	97
15) Acrylonitrile	3.13	53	231543	92.18	ug/l	99
16) Acetone	2.43	43	236458	89.32	ug/l	98
17) Carbon Disulfide	2.56	76	173097	15.39	ug/l	100
18) Methyl Acetate	2.76	43	146014	19.30	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	265705	19.71	ug/l	99
20) Methylene Chloride	2.85	84	89411	18.23	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	78846	17.40	ug/l	97
22) Diisopropyl ether	3.84	45	281465	19.12	ug/l	95
23) Vinyl Acetate	3.80	43	1090880	97.21	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151172	18.91	ug/l	98
25) 2-Butanone	4.65	43	341210	89.86	ug/l	98
26) 2,2-Dichloropropane	4.57	77	126450	19.76	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	95188	18.76	ug/l	97
28) Bromochloromethane	5.00	49	59313	16.88	ug/l	96
29) Tetrahydrofuran	5.11	42	202616	89.90	ug/l	98
30) Chloroform	5.20	83	149744	18.91	ug/l	96
31) Cyclohexane	5.57	56	126933	16.88	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	129256	19.31	ug/l	99
36) 1,1-Dichloropropene	5.79	75	107437	18.49	ug/l	98
37) Ethyl Acetate	4.82	43	123646	18.58	ug/l	98
38) Carbon Tetrachloride	5.78	117	106882	19.26	ug/l	97

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Instrument :
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Quant Time: Feb 06 14:37:06 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130109	17.87	ug/l	92
40) Benzene	6.14	78	340684	18.98	ug/l	100
41) Methacrylonitrile	5.03	41	68473	17.87	ug/l	95
42) 1,2-Dichloroethane	6.18	62	122887	19.82	ug/l	99
43) Isopropyl Acetate	6.43	43	207225	19.02	ug/l	99
44) Trichloroethene	7.20	130	94012	18.54	ug/l	100
45) 1,2-Dichloropropane	7.51	63	89357	19.32	ug/l	99
46) Dibromomethane	7.65	93	58742	19.61	ug/l	96
47) Bromodichloromethane	7.89	83	115013	19.58	ug/l	98
48) Methyl methacrylate	7.76	41	100190	19.24	ug/l	97
49) 1,4-Dioxane	7.73	88	43309	392.39	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	646180	93.95	ug/l	100
52) Toluene	8.78	92	212866	19.29	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125830	19.89	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138564	19.91	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90492	20.03	ug/l	98
56) Ethyl methacrylate	9.17	69	136367	18.95	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148967	19.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	219339	96.53	ug/l	100
59) 2-Hexanone	9.48	43	495905	92.91	ug/l	97
60) Dibromochloromethane	9.57	129	92523	19.62	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92538	19.37	ug/l	100
64) Tetrachloroethene	9.33	164	95408	17.02	ug/l	96
65) Chlorobenzene	10.14	112	234458	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87441	19.58	ug/l	99
67) Ethyl Benzene	10.25	91	407570	19.71	ug/l	98
68) m/p-Xylenes	10.35	106	309335	39.48	ug/l	100
69) o-Xylene	10.70	106	151750	20.06	ug/l	97
70) Styrene	10.71	104	255671	20.15	ug/l	100
71) Bromoform	10.85	173	69203	19.49	ug/l #	99
73) Isopropylbenzene	11.01	105	397573	19.71	ug/l	99
74) N-amyl acetate	10.89	43	170326	19.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	134570	18.69	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	152784	22.89	ug/l	90
77) Bromobenzene	11.25	156	106393	19.63	ug/l	95
78) n-propylbenzene	11.35	91	447588	19.55	ug/l	99
79) 2-Chlorotoluene	11.42	91	267840	19.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	335037	20.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41640	17.76	ug/l	97
82) 4-Chlorotoluene	11.51	91	305968	19.40	ug/l	100
83) tert-Butylbenzene	11.76	119	318503	20.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336111	20.02	ug/l	98
85) sec-Butylbenzene	11.94	105	382386	19.84	ug/l	99
86) p-Isopropyltoluene	12.06	119	352370	19.79	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182597	18.75	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	185786	19.05	ug/l	99
89) n-Butylbenzene	12.39	91	294422	18.98	ug/l	99
90) Hexachloroethane	12.59	117	61716	18.66	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187789	19.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27894	18.03	ug/l	95

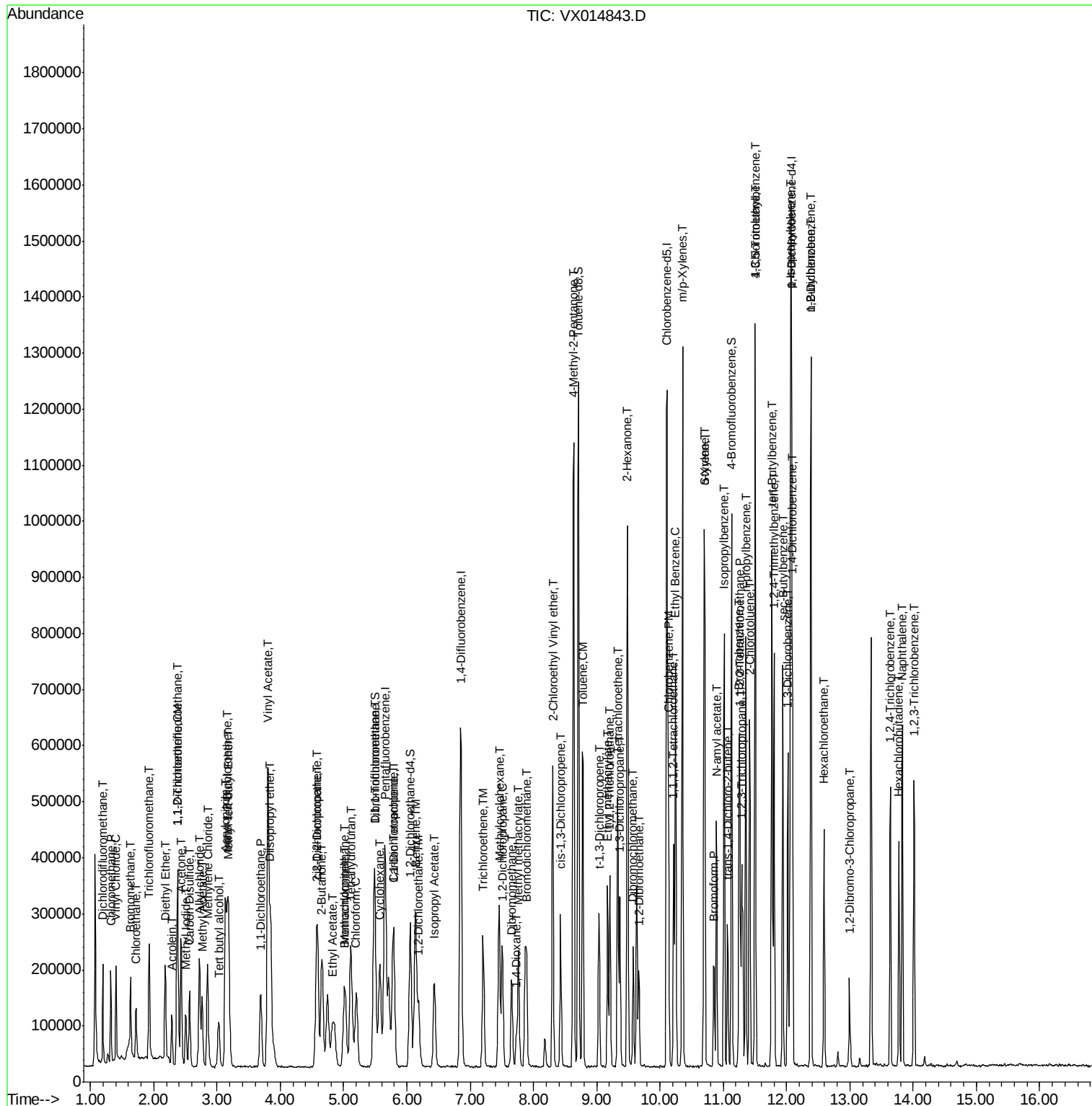
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
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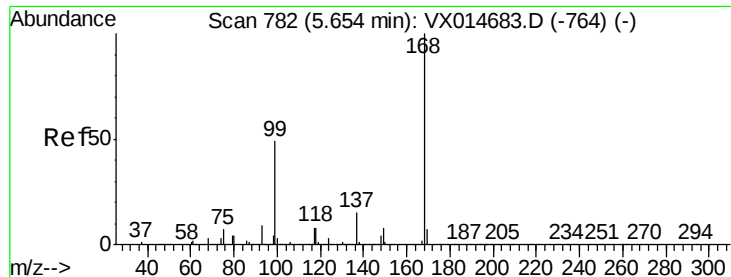
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Quant Time: Feb 06 14:37:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124748	20.01	ug/l	98
94) Hexachlorobutadiene	13.78	225	62213	19.38	ug/l	97
95) Naphthalene	13.83	128	382679	19.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127792	20.27	ug/l	99

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

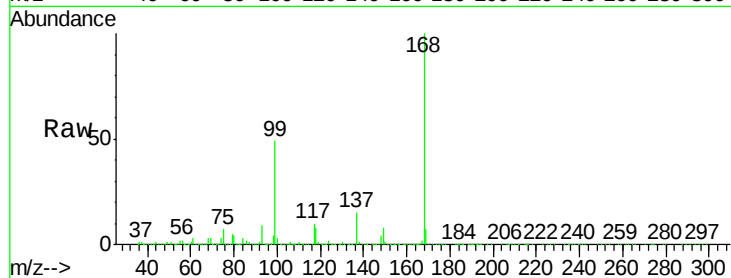
VX0206WBSD01

Tgt Ion:168 Resp: 414101

Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

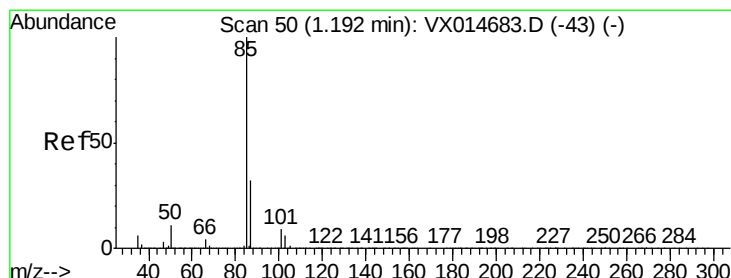
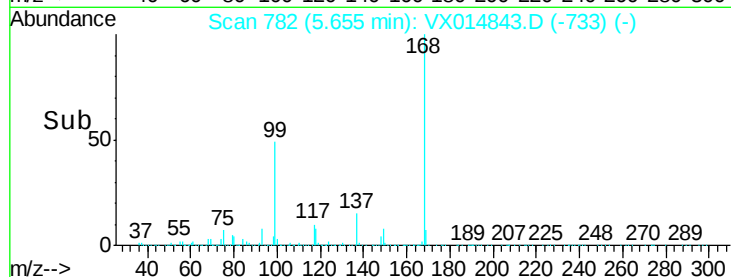
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.36 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014843.D

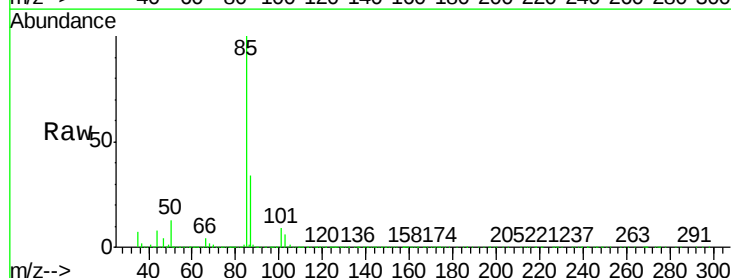
Acq: 06 Feb 2020 13:17

Tgt Ion: 85 Resp: 88932

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

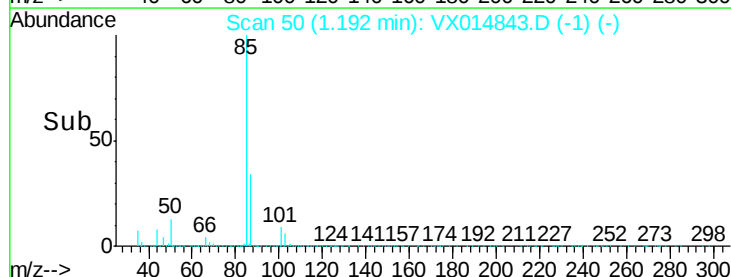
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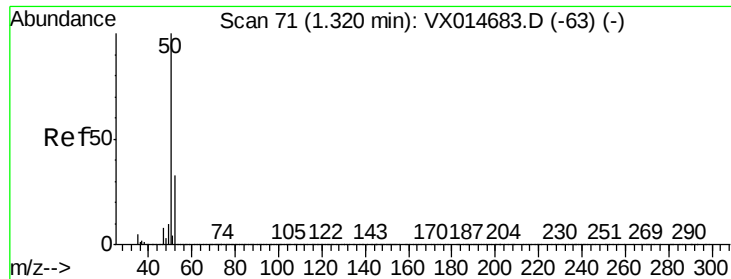
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.22 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

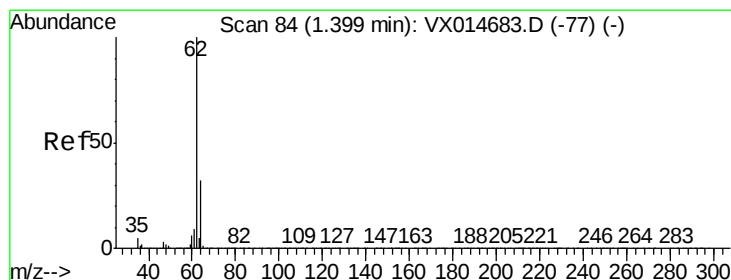
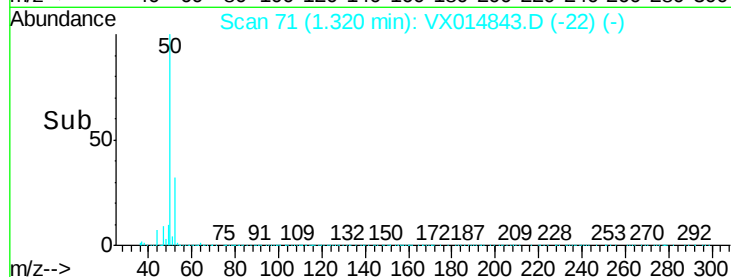
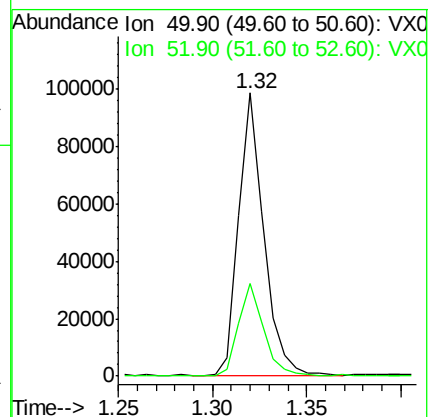
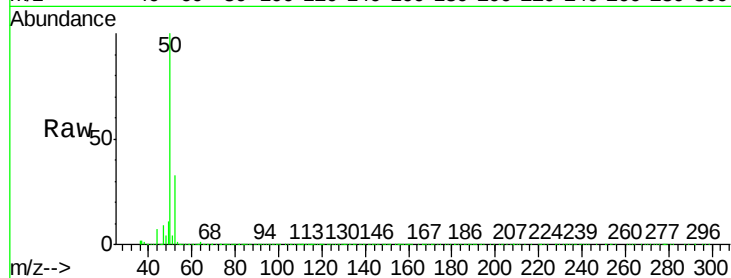
VX0206WBSD01

Tgt Ion: 50 Resp: 90861

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 17.95 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014843.D

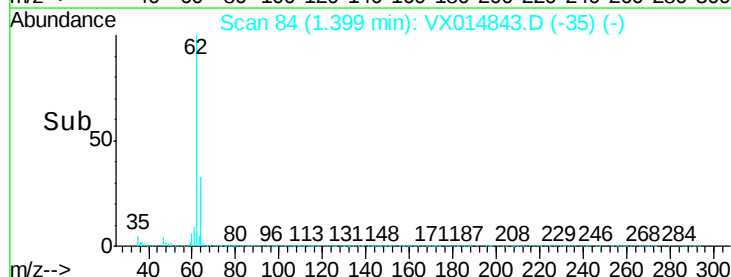
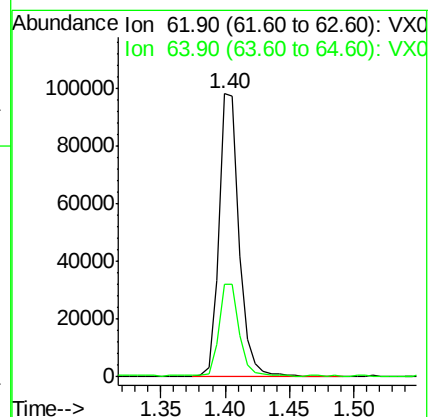
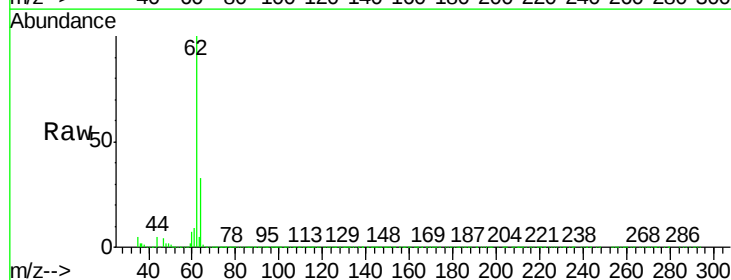
Acq: 06 Feb 2020 13:17

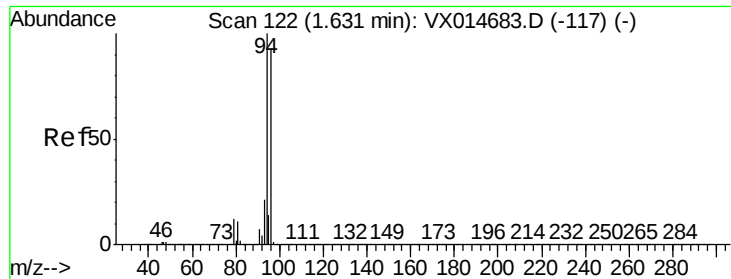
Tgt Ion: 62 Resp: 108729

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 16.32 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

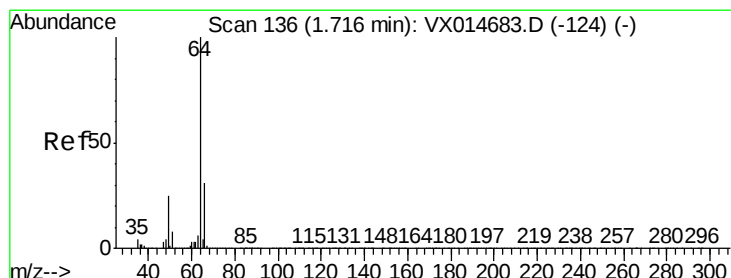
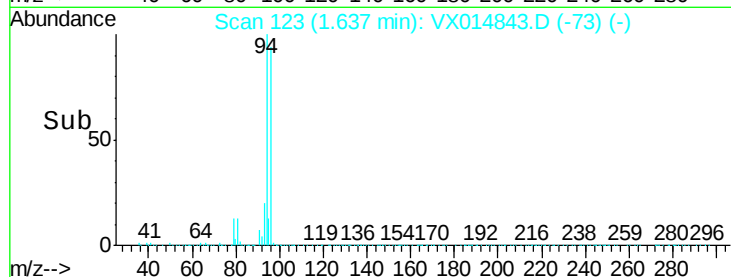
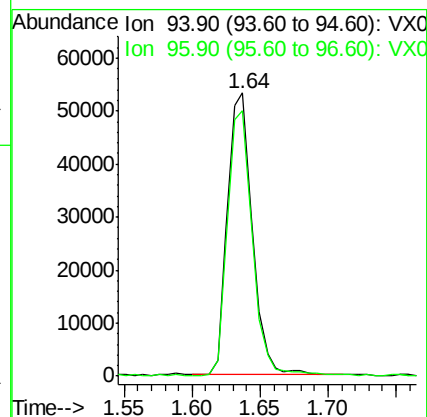
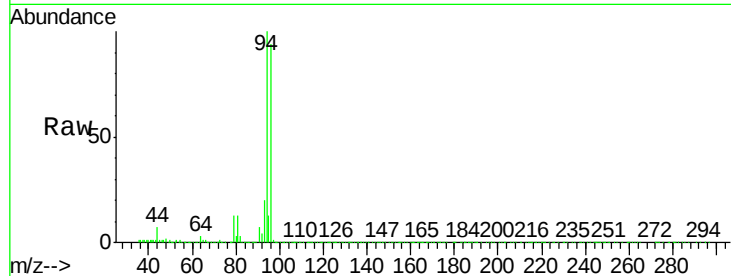
VX0206WBSD01

Tgt Ion: 94 Resp: 67150

Ion Ratio Lower Upper

94 100

96 93.7 74.7 112.1



#6

Chloroethane

Concen: 17.05 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014843.D

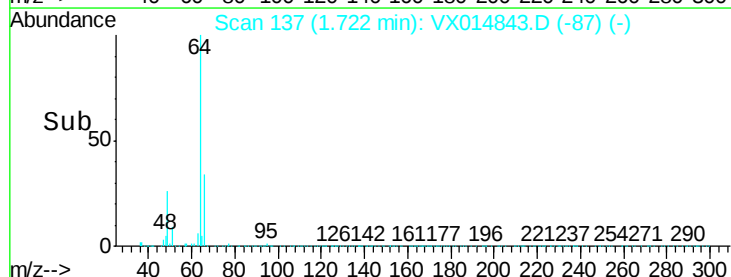
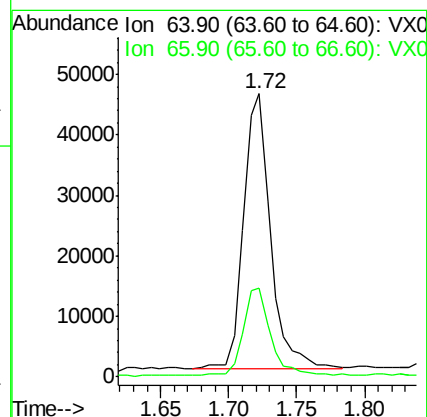
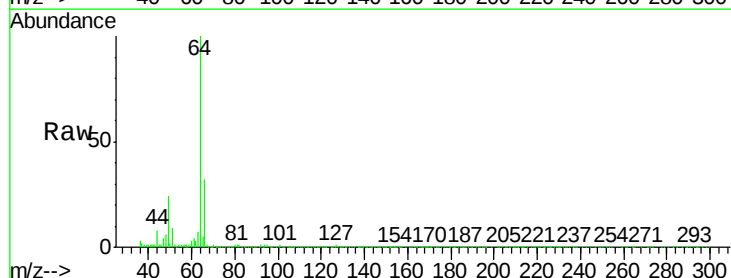
Acq: 06 Feb 2020 13:17

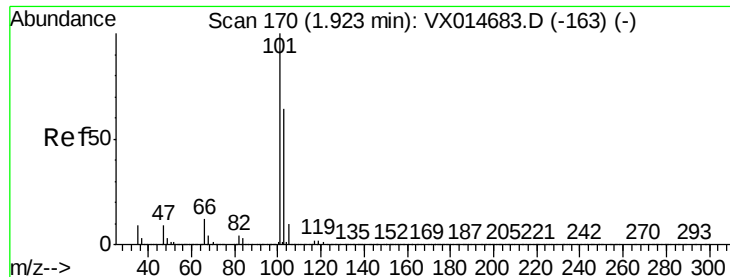
Tgt Ion: 64 Resp: 62257

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



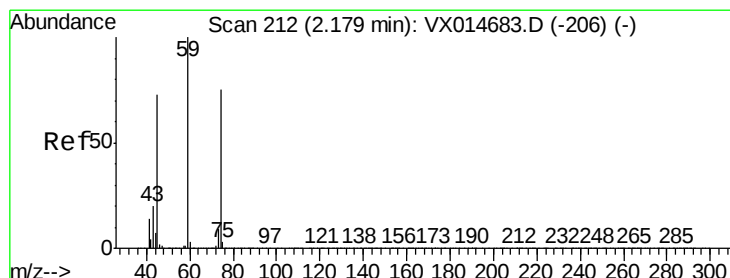
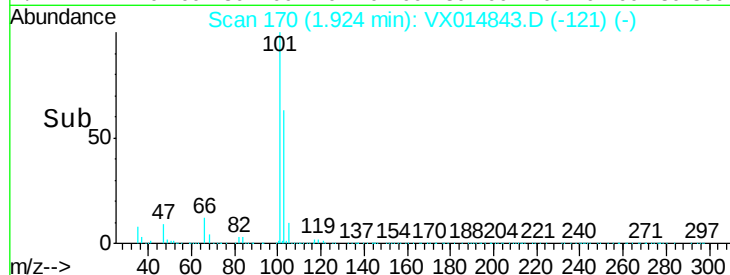
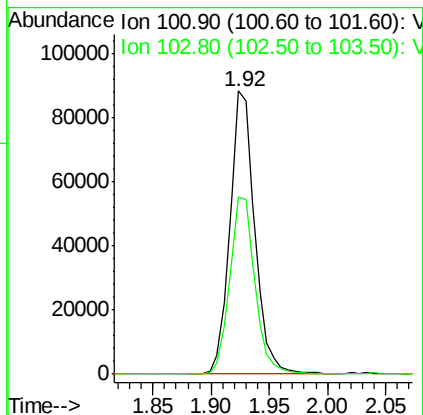
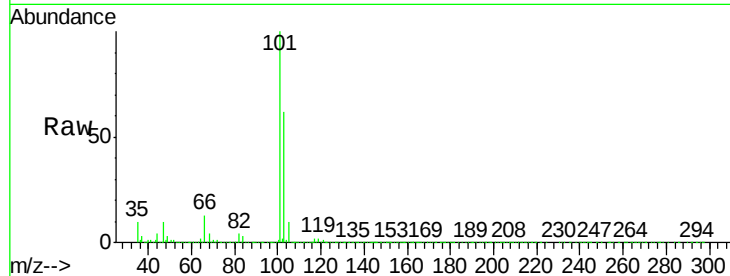


#7

Trichlorofluoromethane
Concen: 18.48 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

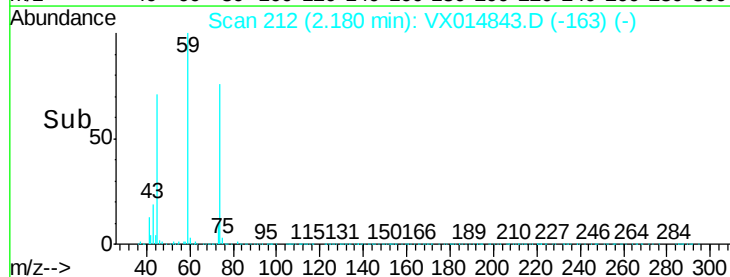
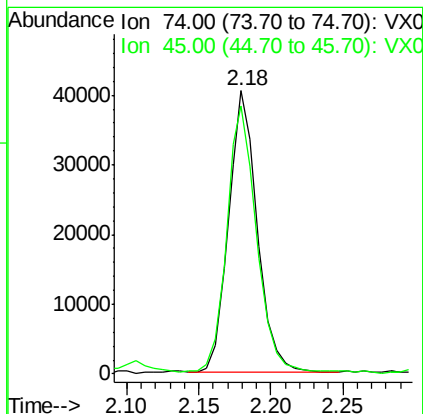
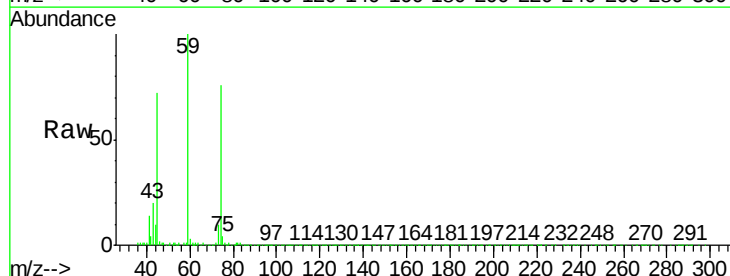
Tgt Ion: 101 Resp: 130307
Ion Ratio Lower Upper
101 100
103 62.3 51.0 76.6

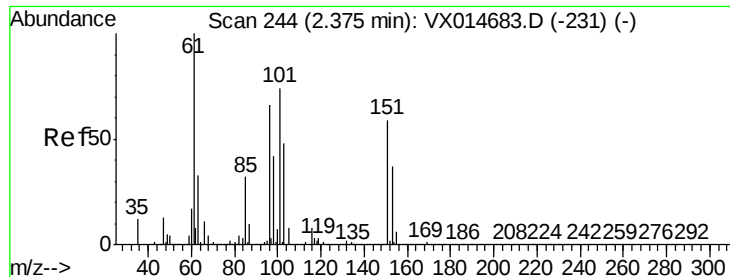


#8

Diethyl Ether
Concen: 18.42 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 74 Resp: 56694
Ion Ratio Lower Upper
74 100
45 96.1 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.69 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

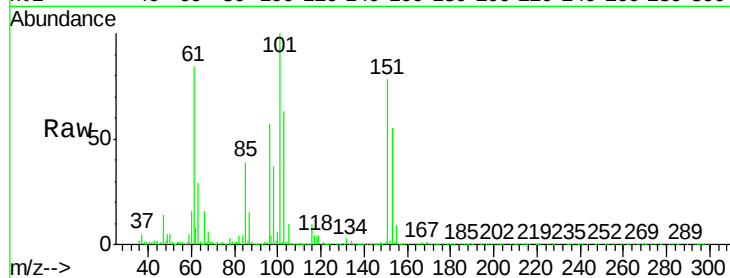
Tgt Ion:101 Resp: 77367

Ion Ratio Lower Upper

101 100

85 42.3 34.7 52.1

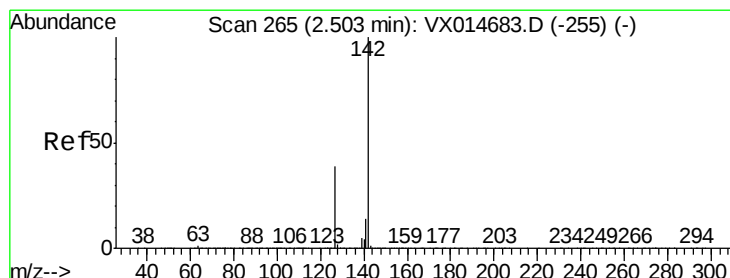
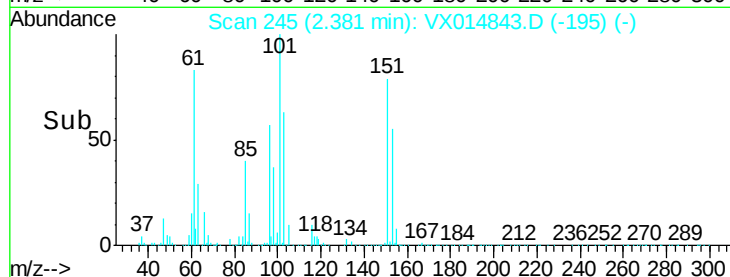
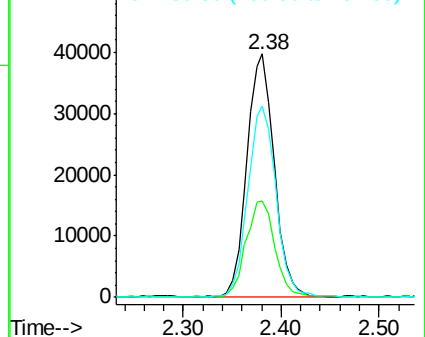
151 81.0 64.7 97.1



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: 18.12 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

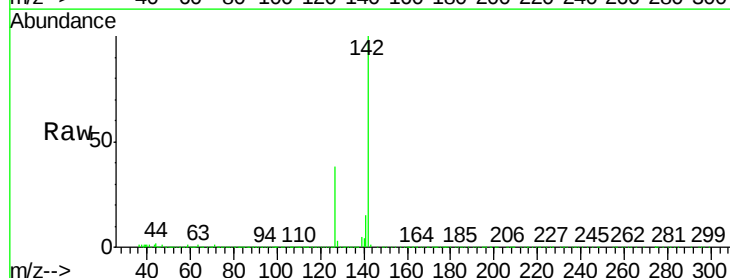
Tgt Ion:142 Resp: 98462

Ion Ratio Lower Upper

142 100

127 40.9 31.1 46.7

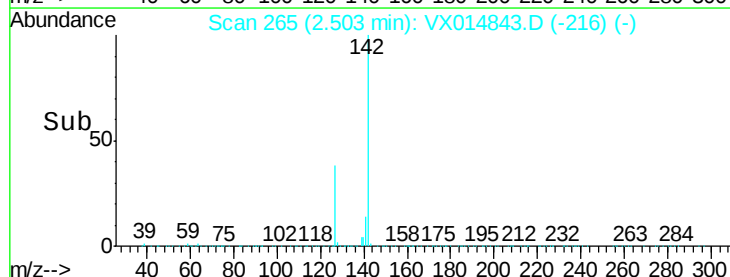
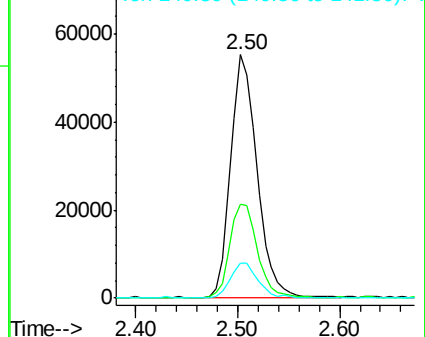
141 15.3 11.3 16.9

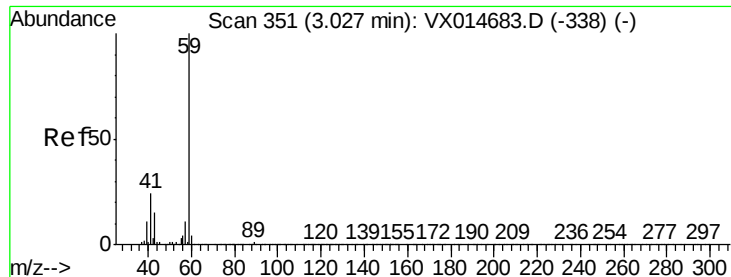


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

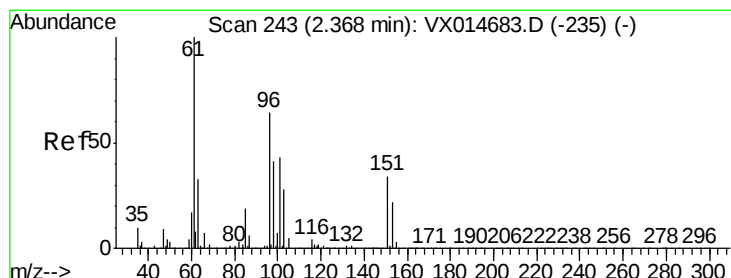
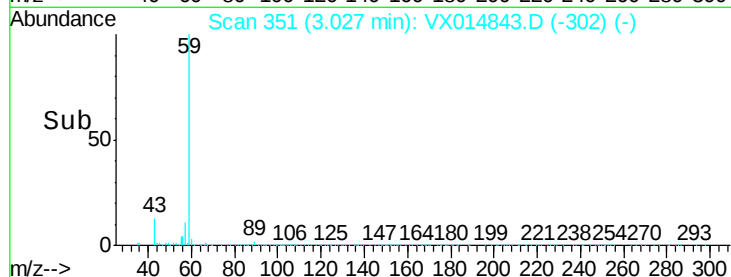
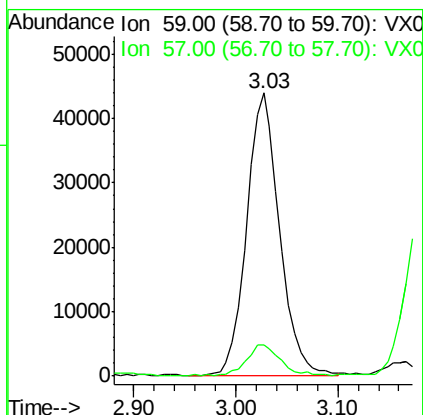
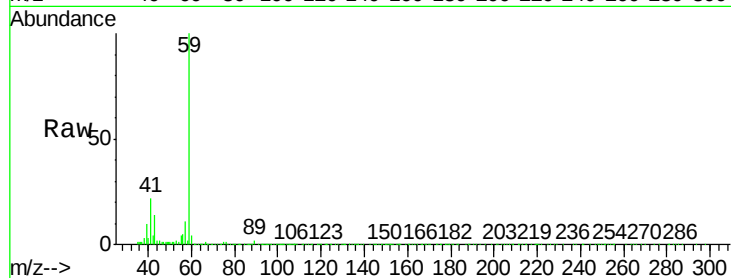




#11
Tert butyl alcohol
Concen: 90.03 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

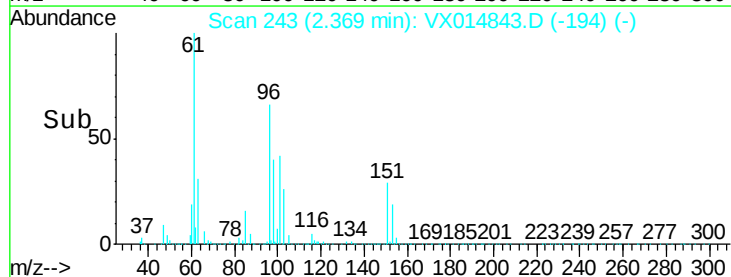
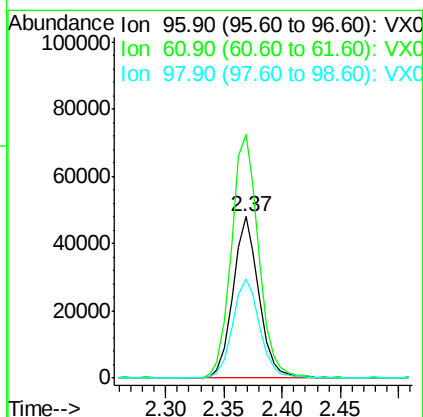
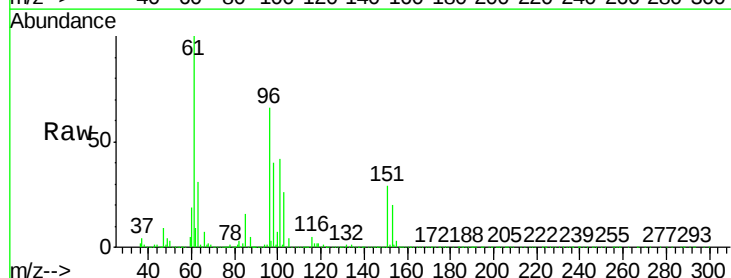
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

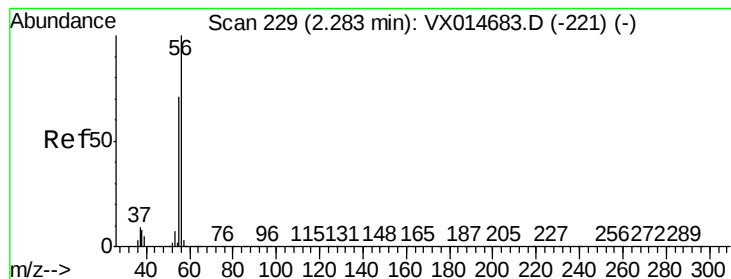
Tgt Ion: 59 Resp: 97745
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.95 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 96 Resp: 73887
Ion Ratio Lower Upper
96 100
61 151.0 125.8 188.8
98 60.9 51.5 77.3





#13

Acrolein

Concen: 76.82 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

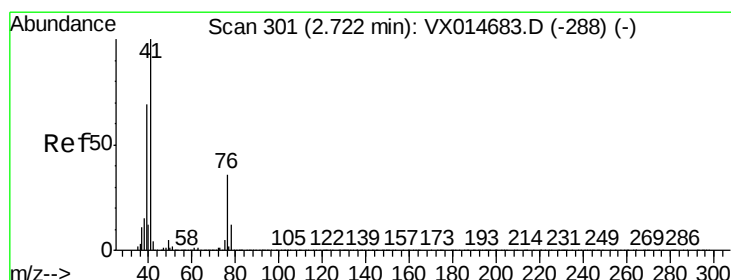
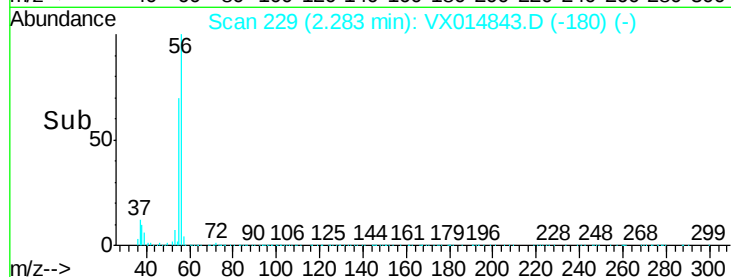
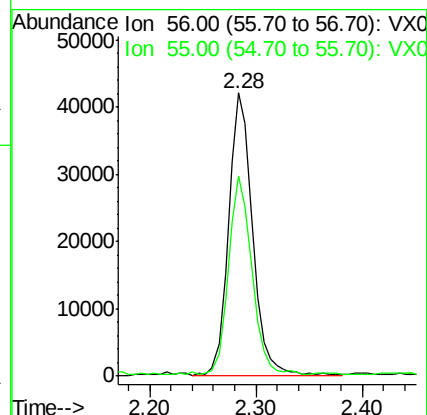
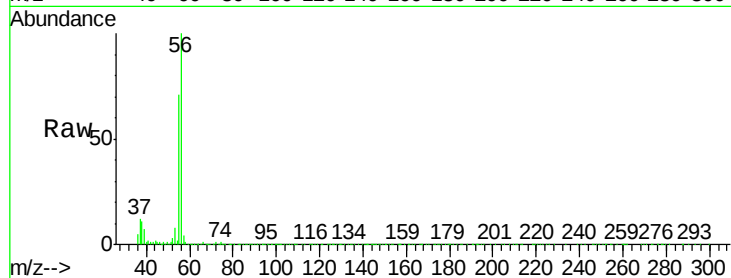
VX0206WBSD01

Tgt Ion: 56 Resp: 65757

Ion Ratio Lower Upper

56 100

55 68.6 56.6 84.8



#14

Allyl chloride

Concen: 17.80 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

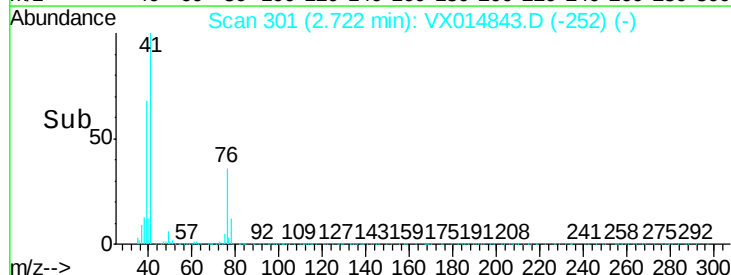
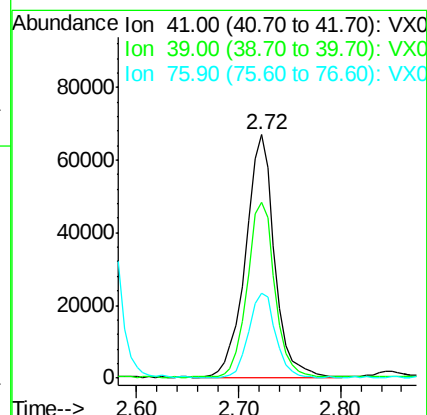
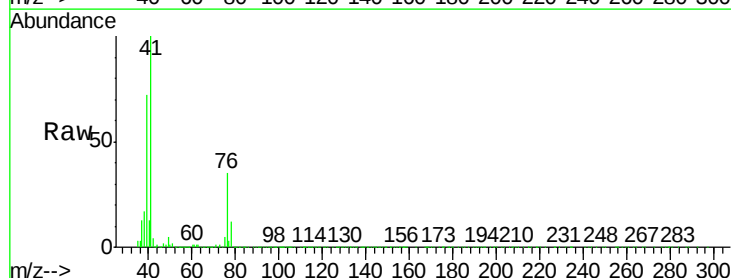
Tgt Ion: 41 Resp: 131732

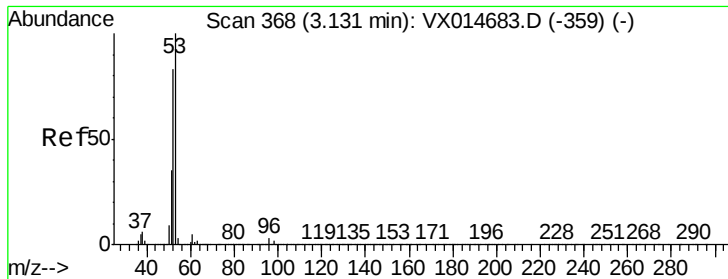
Ion Ratio Lower Upper

41 100

39 68.4 52.0 78.0

76 32.5 26.0 39.0





#15

Acrylonitrile

Concen: 92.18 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

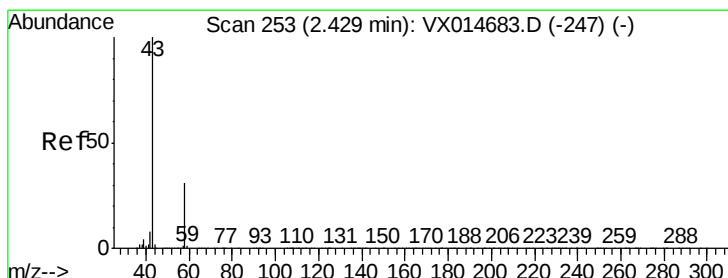
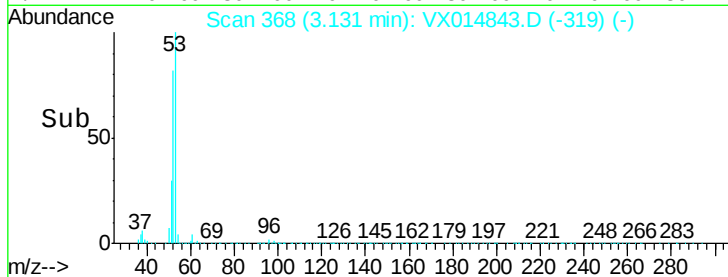
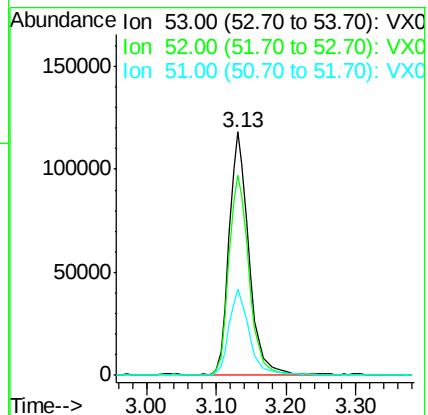
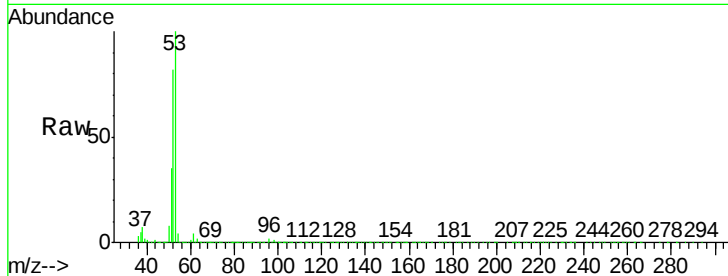
Tgt Ion: 53 Resp: 231543

Ion Ratio Lower Upper

53 100

52 83.7 66.4 99.6

51 35.6 28.7 43.1



#16

Acetone

Concen: 89.32 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014843.D

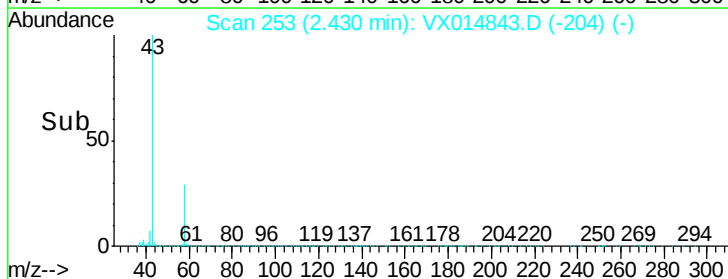
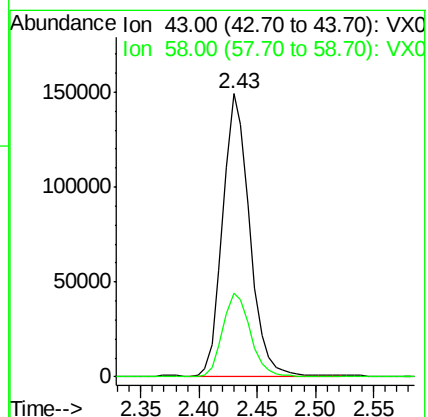
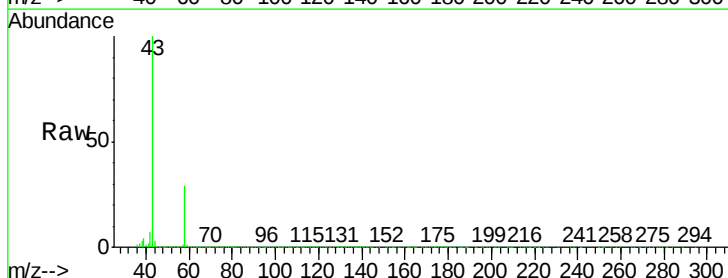
Acq: 06 Feb 2020 13:17

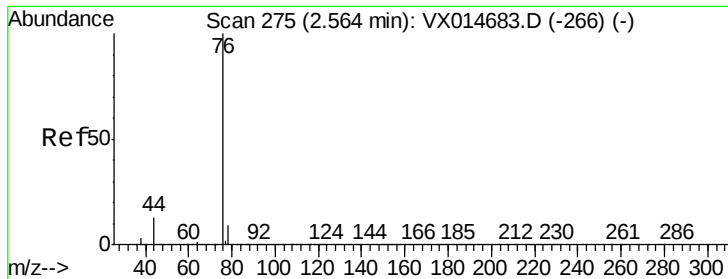
Tgt Ion: 43 Resp: 236458

Ion Ratio Lower Upper

43 100

58 29.4 24.5 36.7

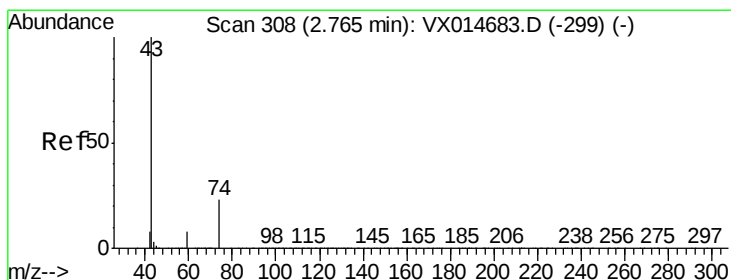
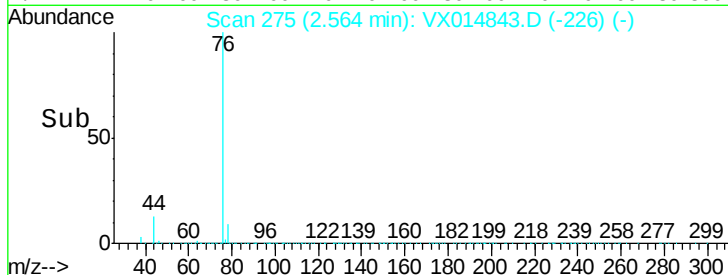
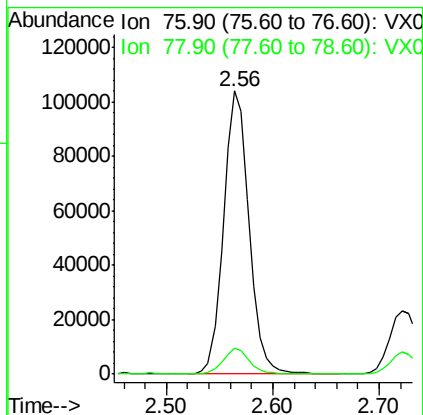
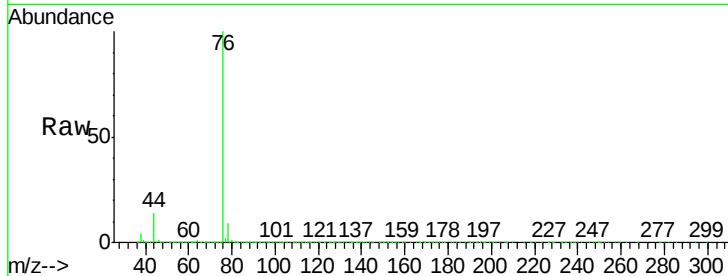




#17
Carbon Disulfide
Concen: 15.39 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

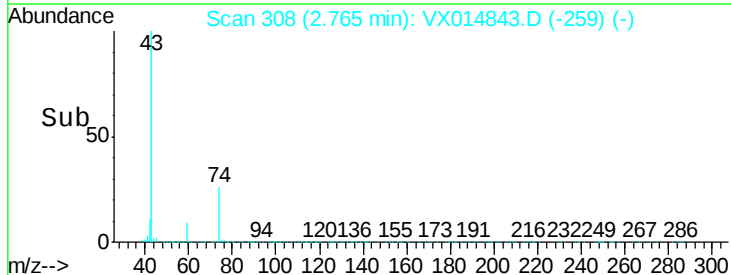
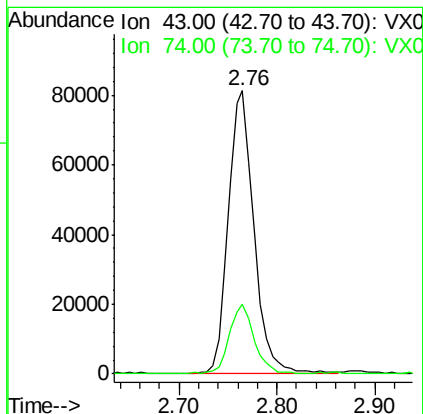
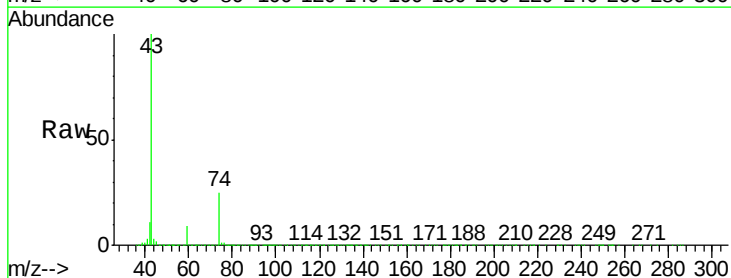
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

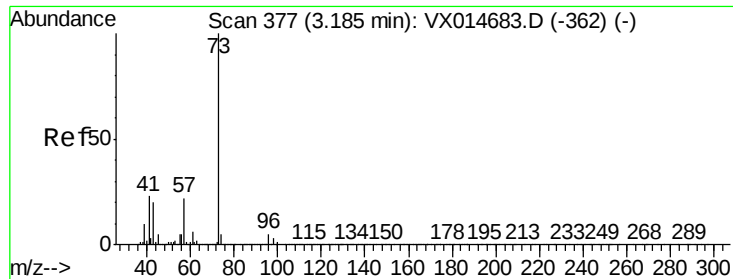
Tgt Ion: 76 Resp: 173097
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.30 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 43 Resp: 146014
Ion Ratio Lower Upper
43 100
74 24.4 18.5 27.7



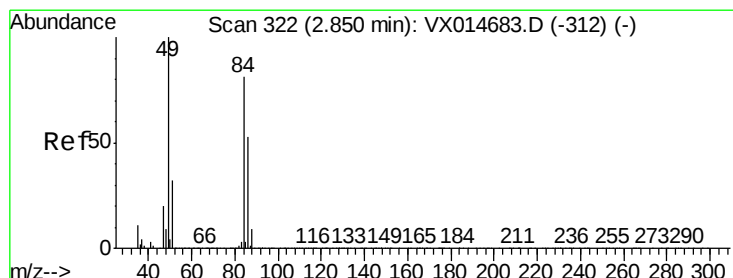
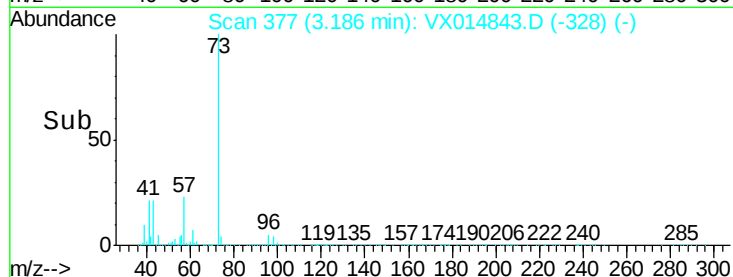
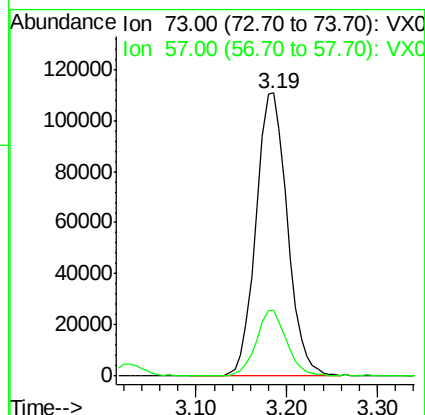
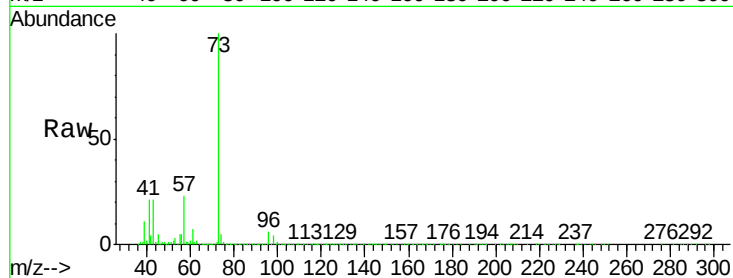


#19

Methyl tert-butyl Ether
Concen: 19.71 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

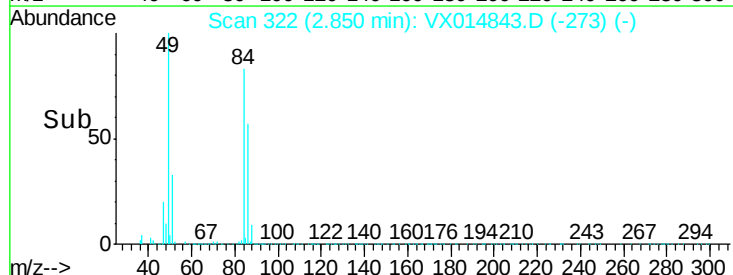
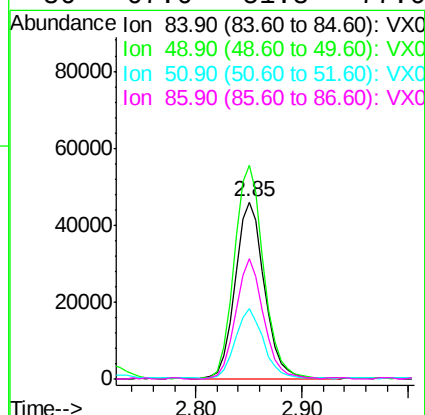
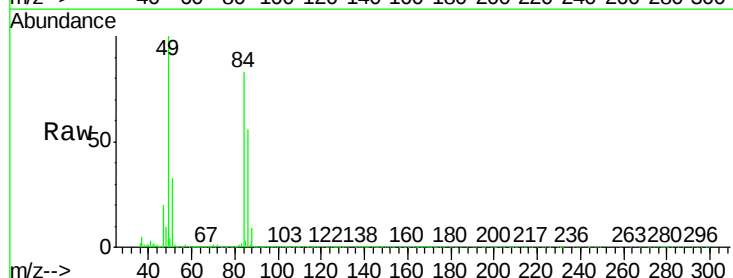
Tgt Ion: 73 Resp: 265705
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0

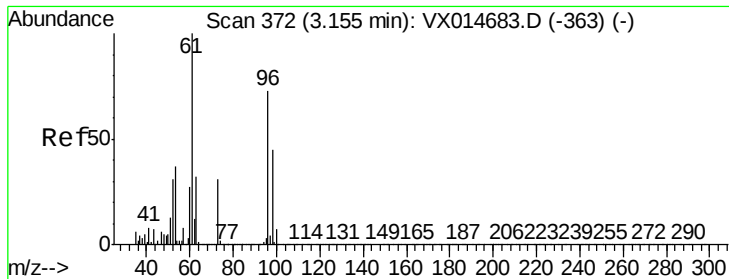


#20

Methylene Chloride
Concen: 18.23 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 84 Resp: 89411
Ion Ratio Lower Upper
84 100
49 120.2 98.2 147.4
51 39.3 31.3 46.9
86 67.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.40 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

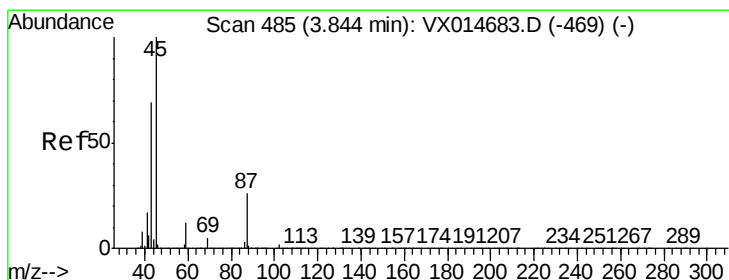
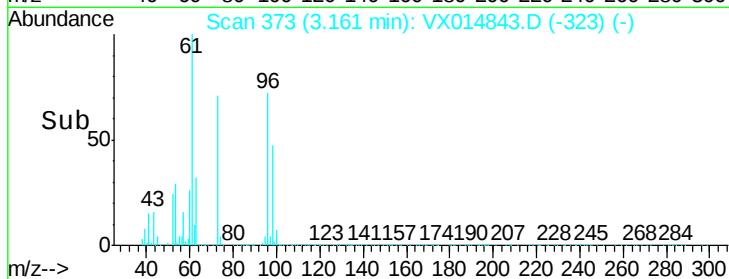
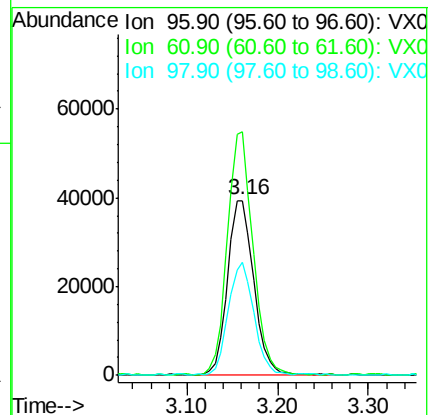
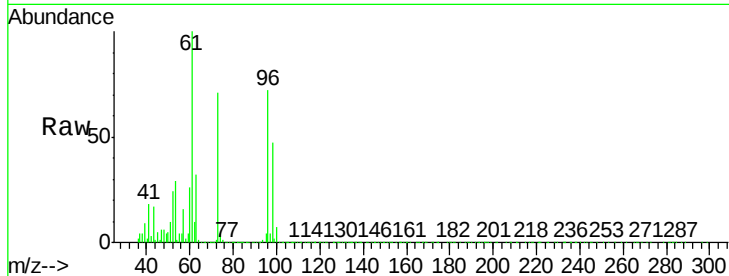
Tgt Ion: 96 Resp: 78846

Ion Ratio Lower Upper

96 100

61 139.7 109.8 164.6

98 64.9 49.6 74.4



#22

Diisopropyl ether

Concen: 19.12 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion: 45 Resp: 281465

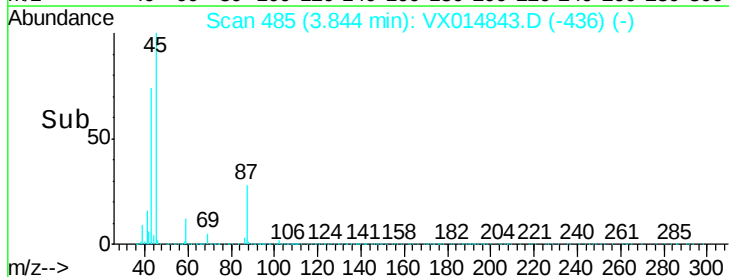
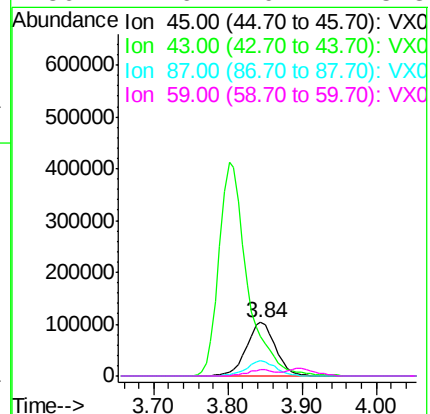
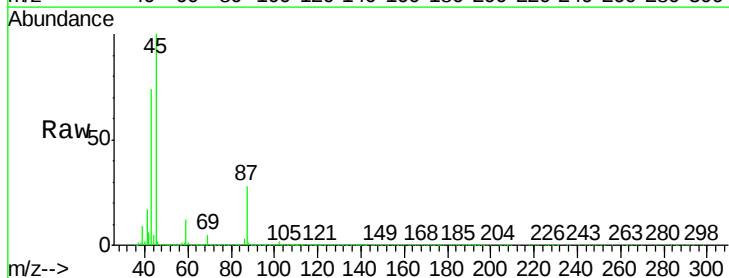
Ion Ratio Lower Upper

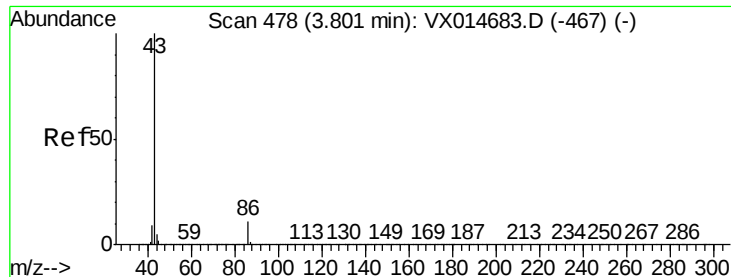
45 100

43 73.6 55.1 82.7

87 27.7 20.7 31.1

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 97.21 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

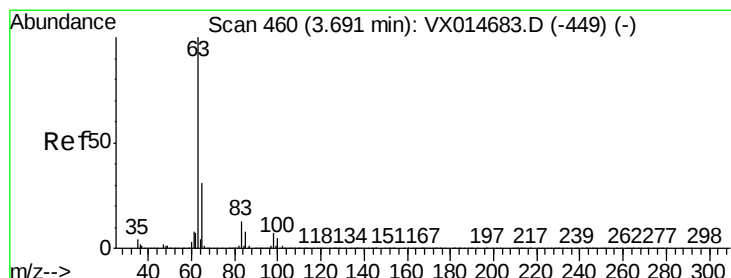
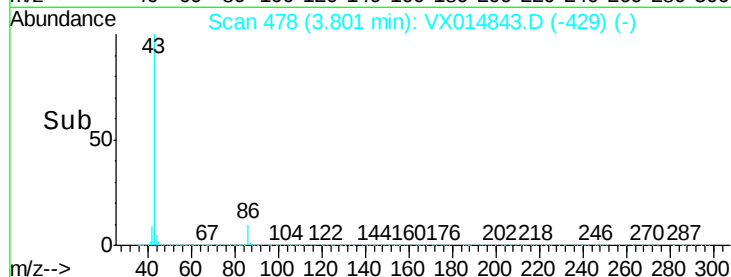
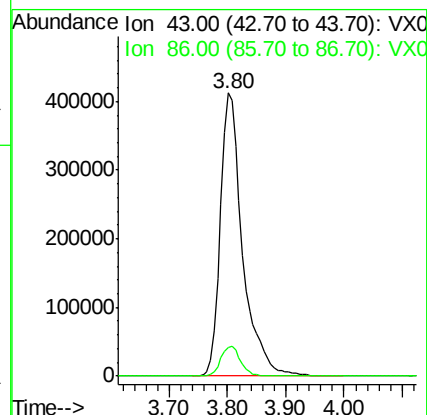
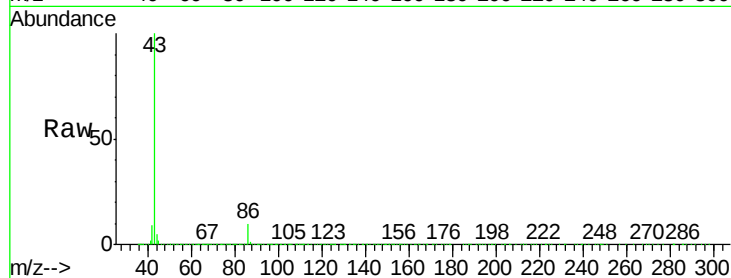
VX0206WBSD01

Tgt Ion: 43 Resp: 1090880

Ion Ratio Lower Upper

43 100

86 10.2 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.91 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

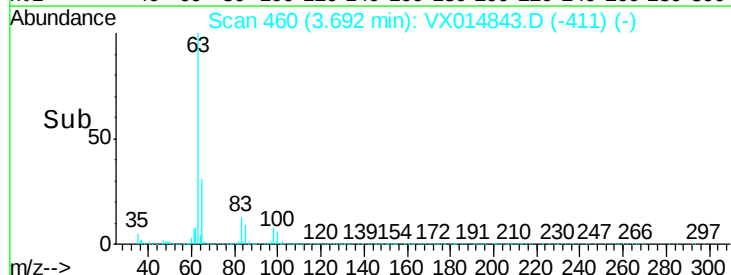
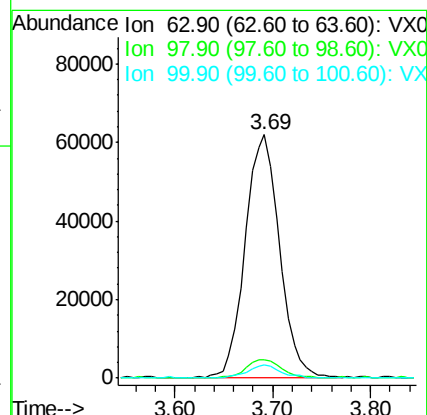
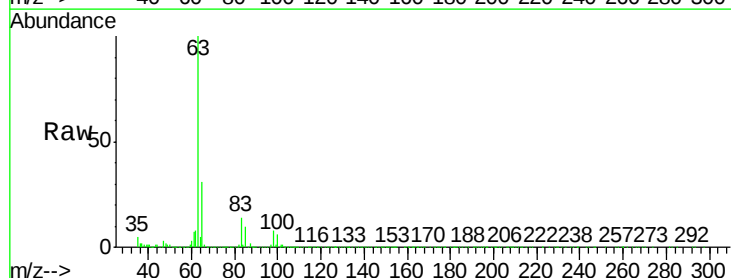
Tgt Ion: 63 Resp: 151172

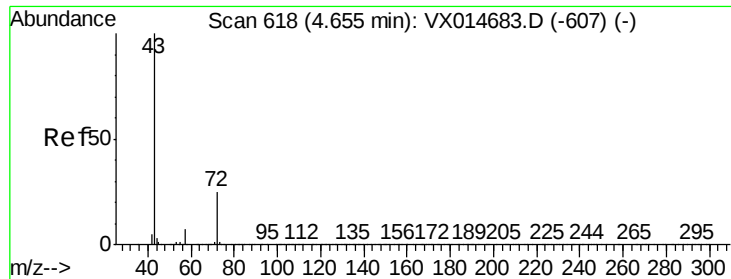
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.5 2.2 6.6





#25

2-Butanone

Concen: 89.86 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

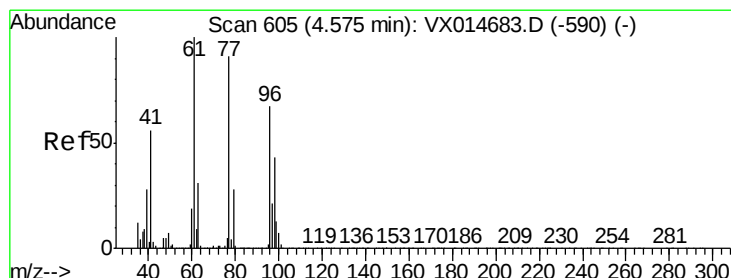
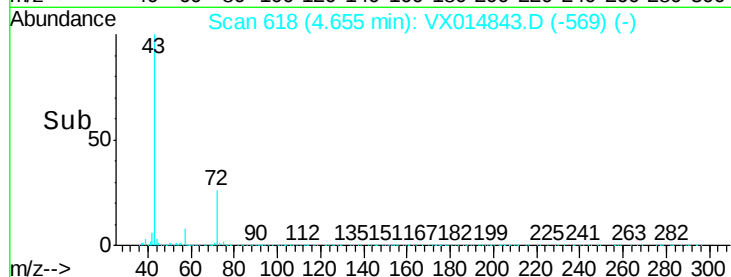
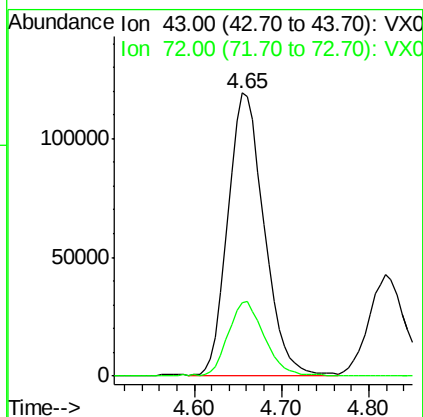
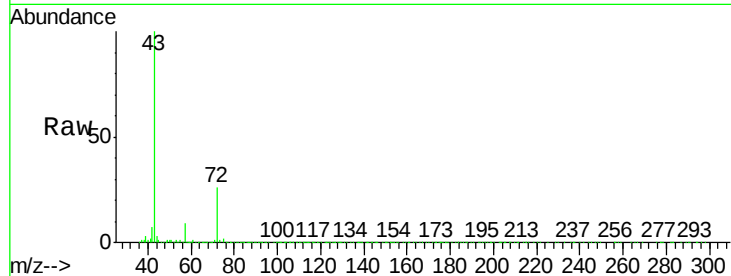
VX0206WBSD01

Tgt Ion: 43 Resp: 341210

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.76 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014843.D

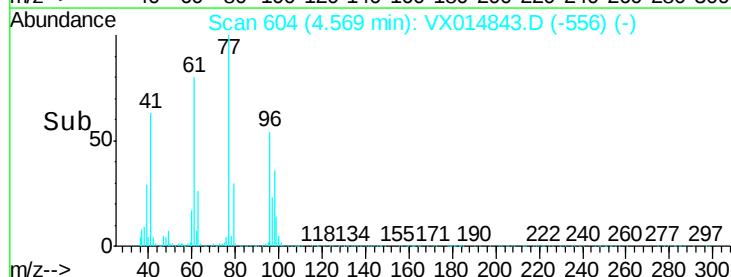
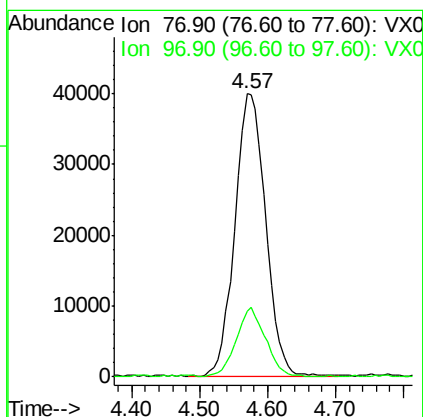
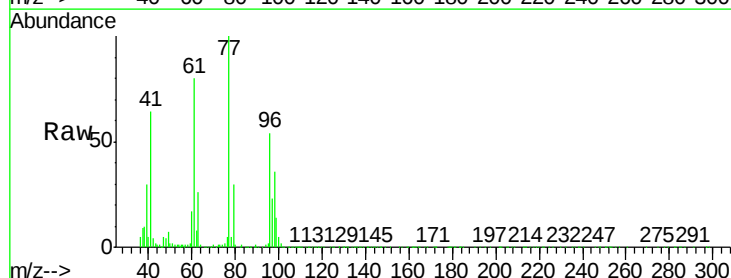
Acq: 06 Feb 2020 13:17

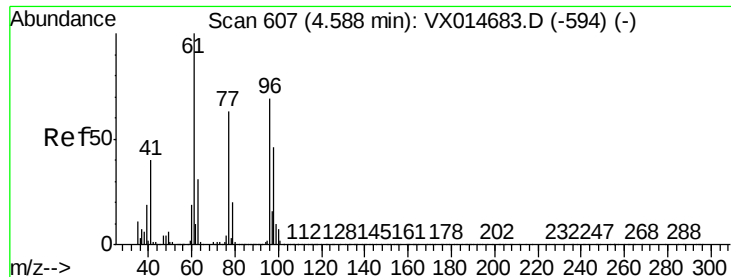
Tgt Ion: 77 Resp: 126450

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3



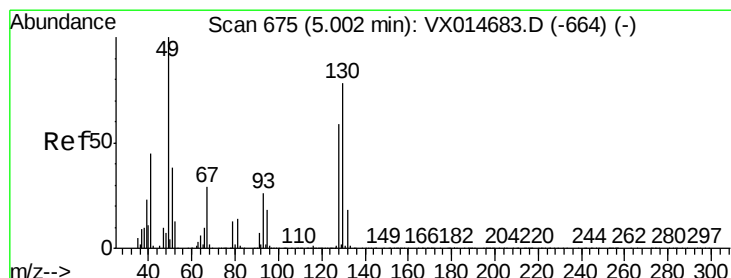
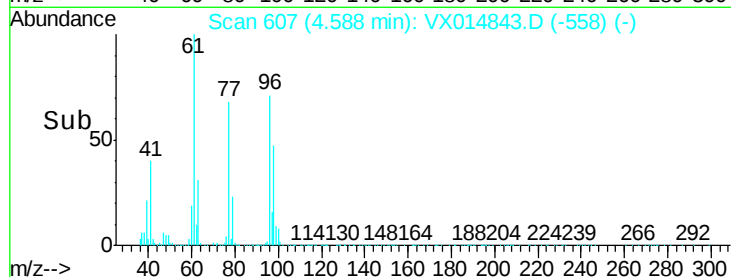
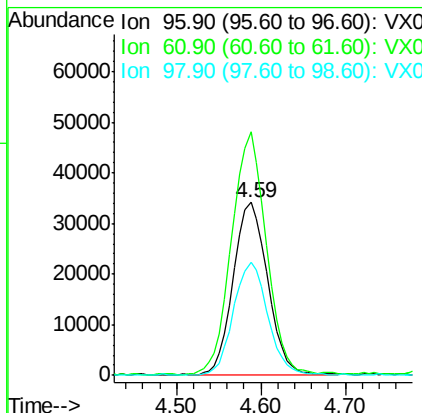
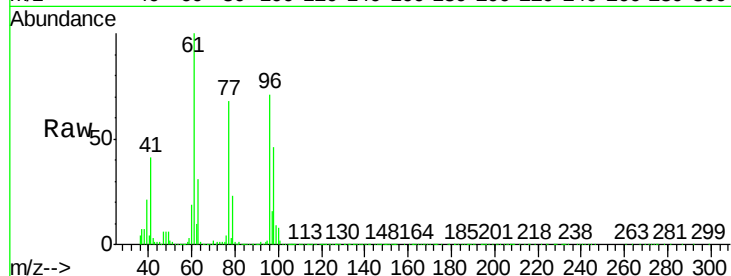


#27

cis-1,2-Dichloroethene
Concen: 18.76 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

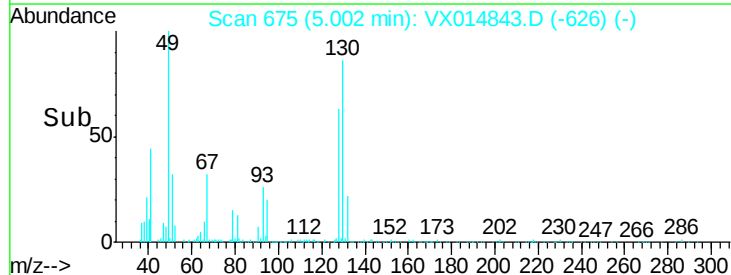
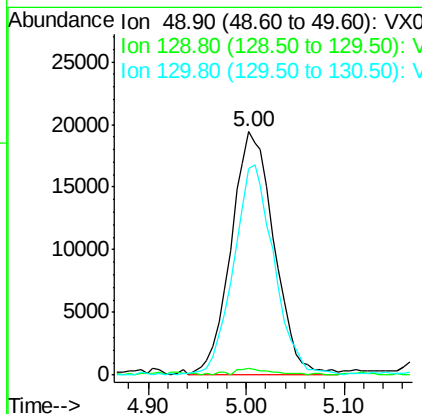
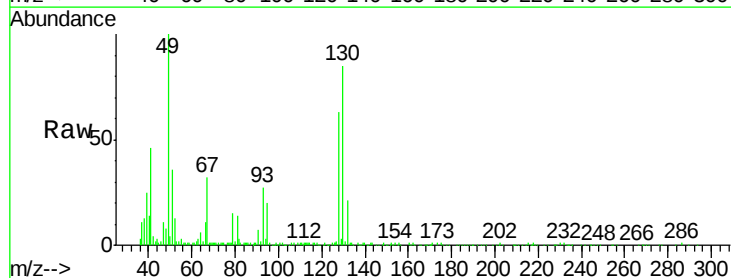
Tgt Ion: 96 Resp: 95188
Ion Ratio Lower Upper
96 100
61 140.0 0.0 291.0
98 64.0 0.0 129.8

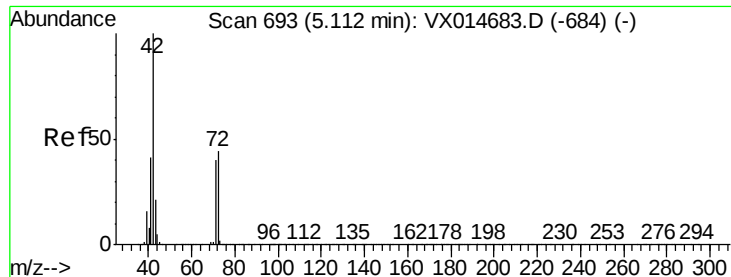


#28

Bromochloromethane
Concen: 16.88 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 49 Resp: 59313
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 81.4 62.4 93.6





#29

Tetrahydrofuran

Concen: 89.90 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

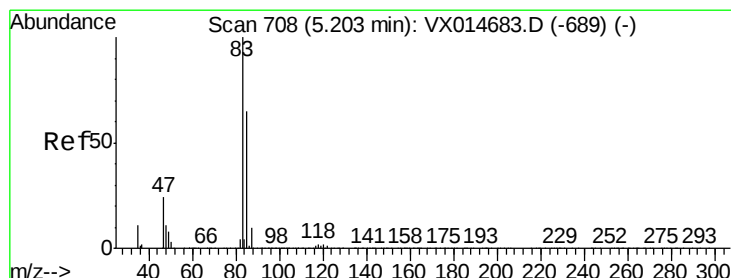
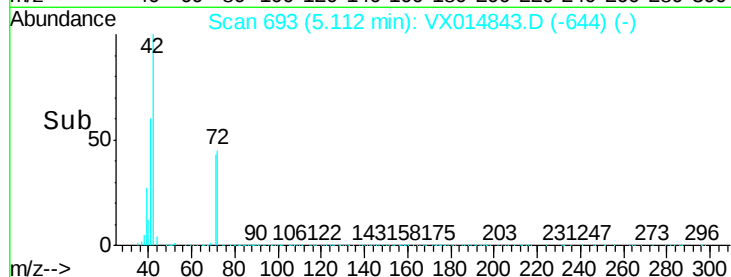
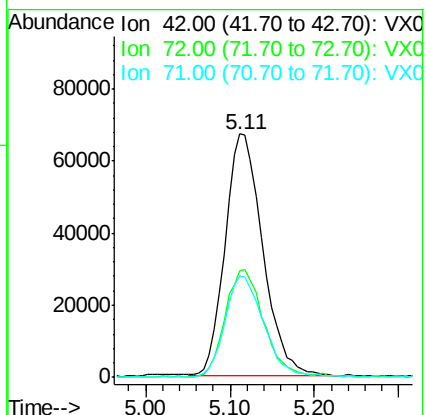
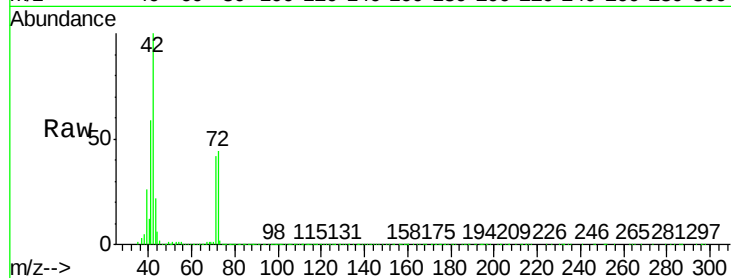
Tgt Ion: 42 Resp: 202616

Ion Ratio Lower Upper

42 100

72 45.1 35.3 52.9

71 43.5 33.1 49.7



#30

Chloroform

Concen: 18.91 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014843.D

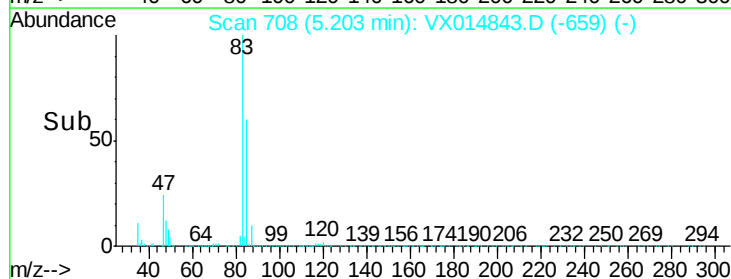
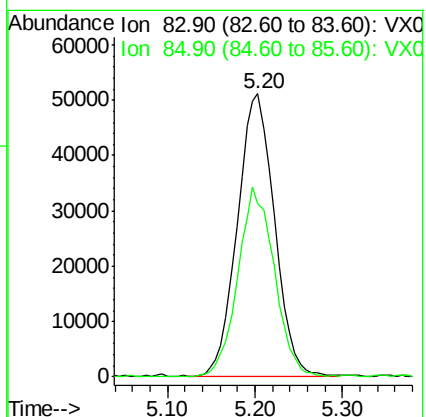
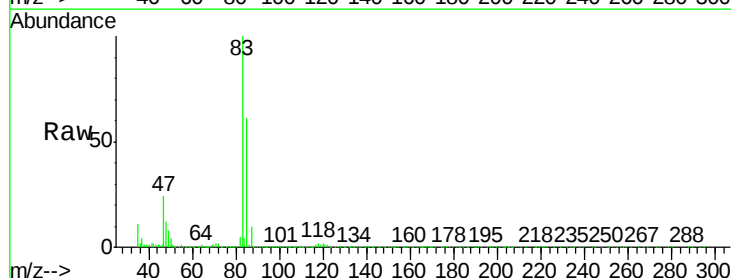
Acq: 06 Feb 2020 13:17

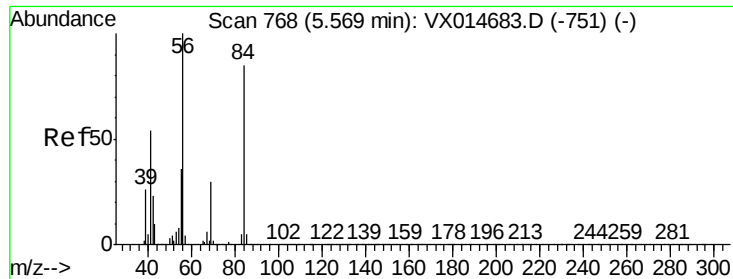
Tgt Ion: 83 Resp: 149744

Ion Ratio Lower Upper

83 100

85 61.1 51.7 77.5

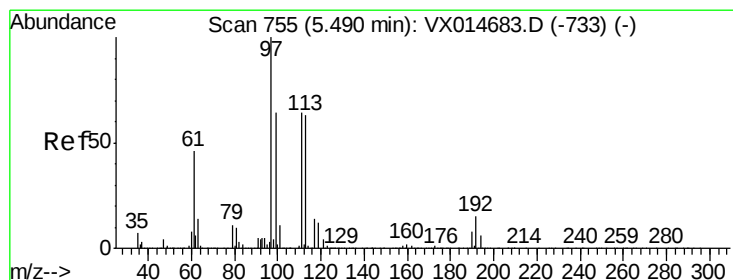
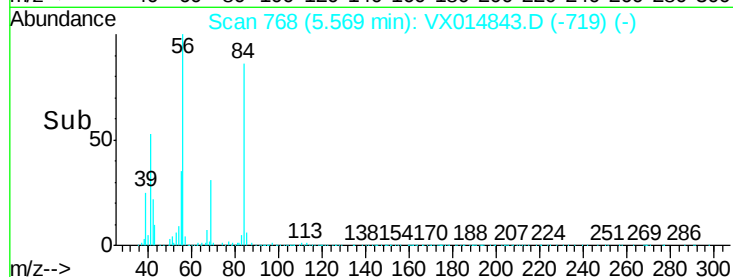
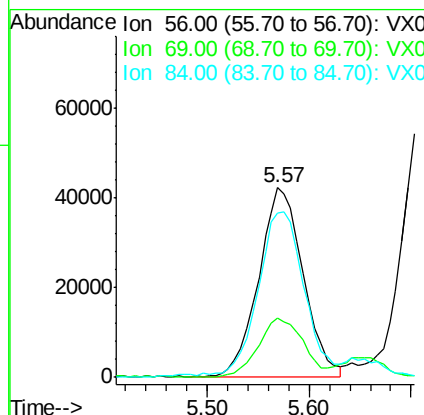
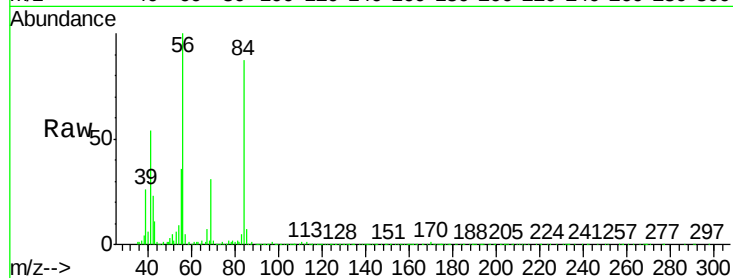




#31
Cyclohexane
Concen: 16.88 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

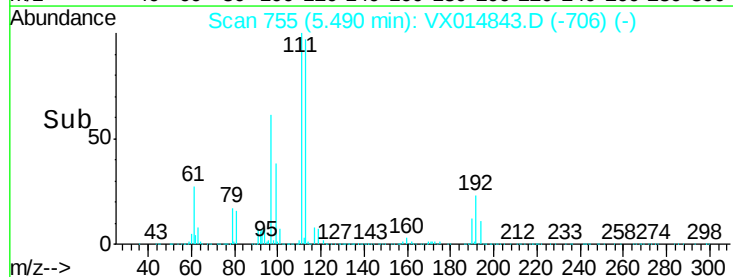
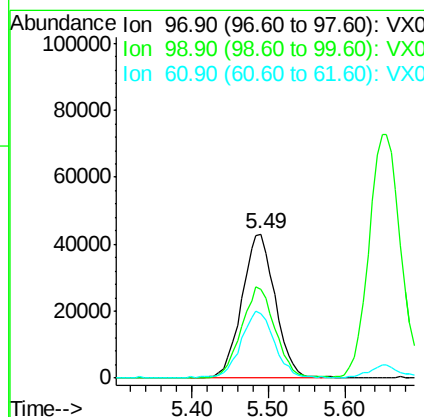
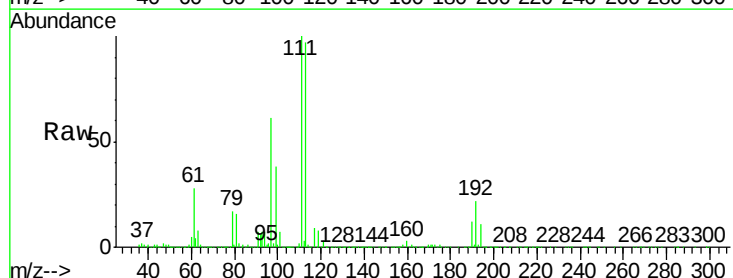
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

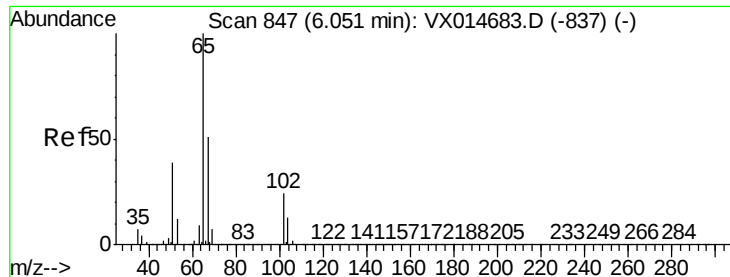
Tgt Ion: 56 Resp: 126933
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 85.0 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 19.31 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 97 Resp: 129256
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 46.6 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 48.81 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

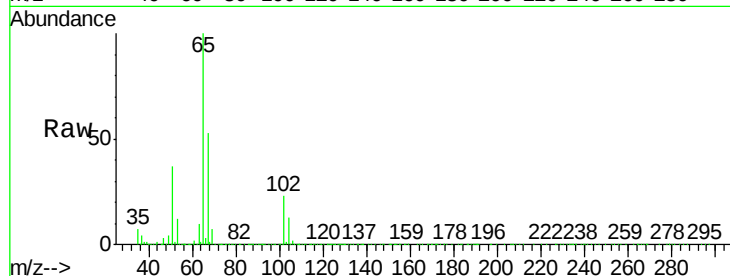
VX0206WBSD01

Tgt Ion: 65 Resp: 236045

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

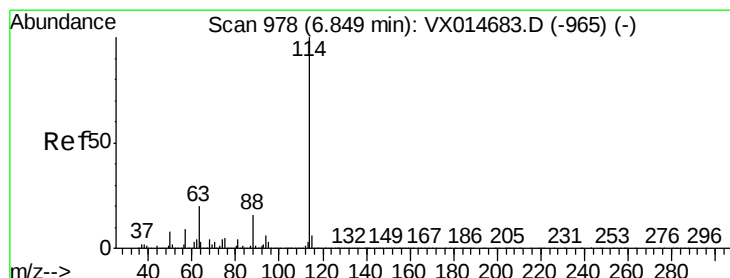
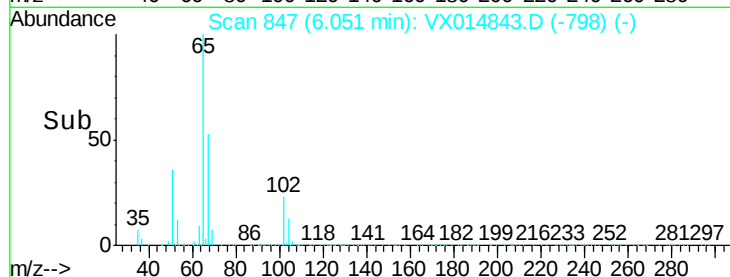
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

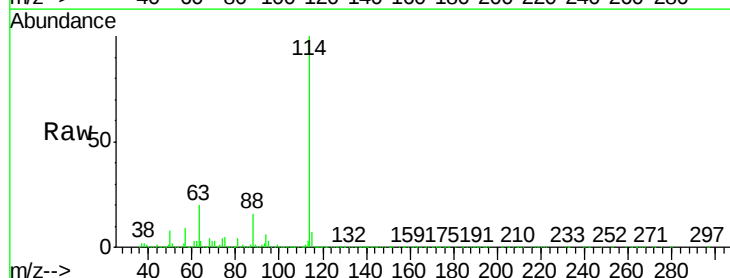
Tgt Ion: 114 Resp: 625311

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

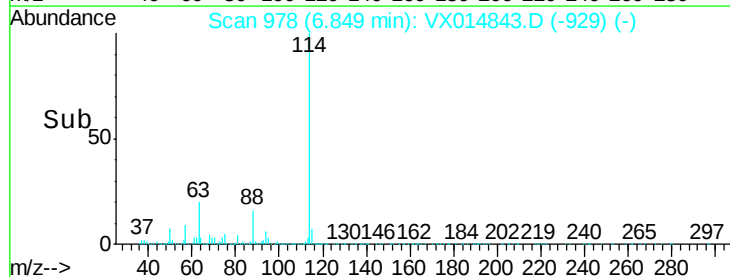
300000

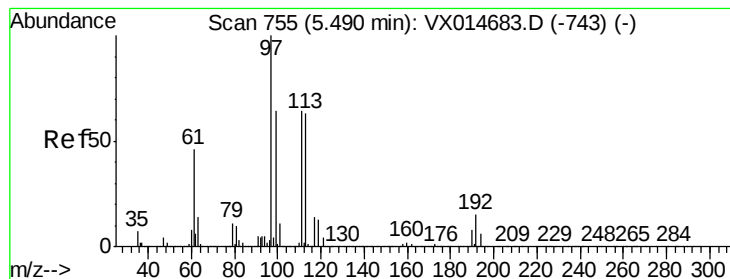
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.97 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

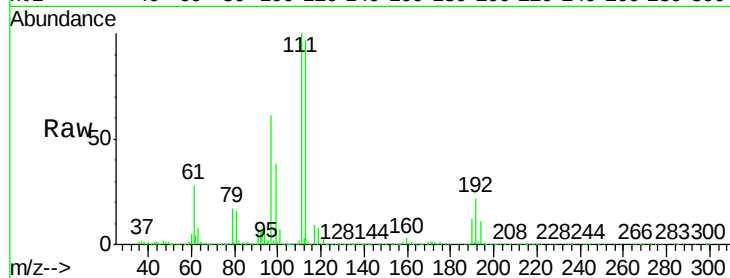
Tgt Ion:113 Resp: 193231

Ion Ratio Lower Upper

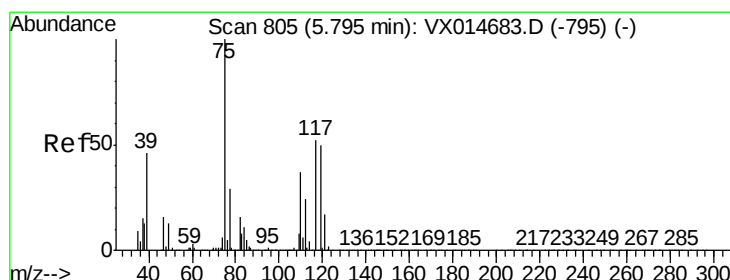
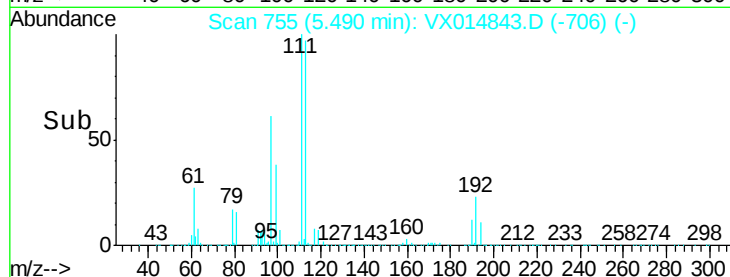
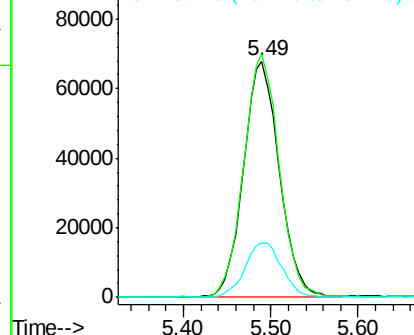
113 100

111 102.4 80.7 121.1

192 24.1 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.49 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

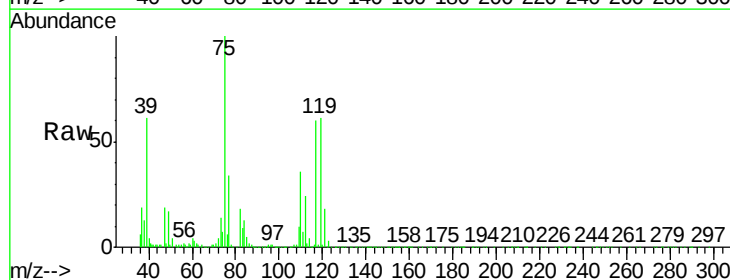
Tgt Ion: 75 Resp: 107437

Ion Ratio Lower Upper

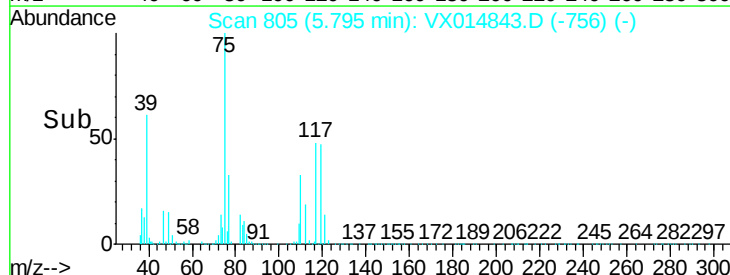
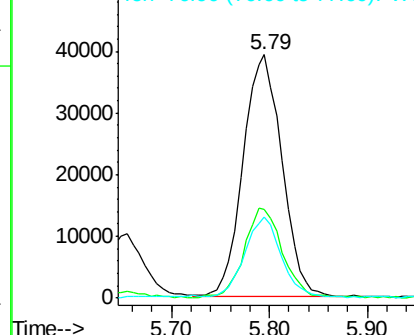
75 100

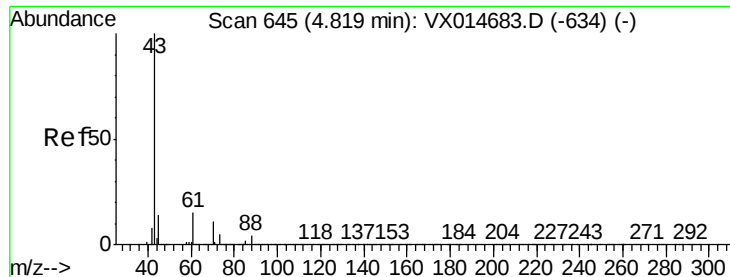
110 37.1 17.9 53.7

77 31.3 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

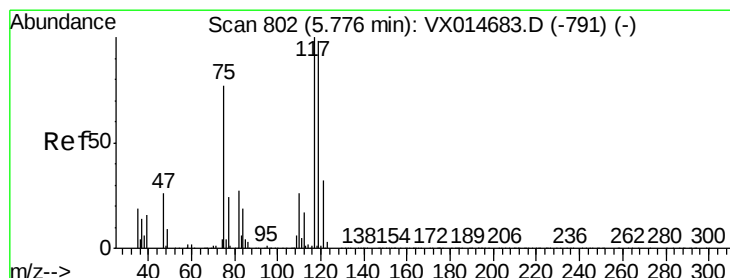
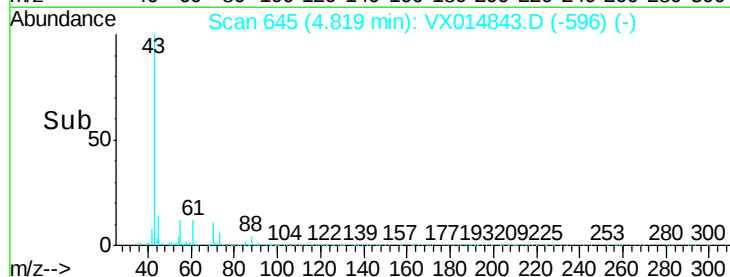
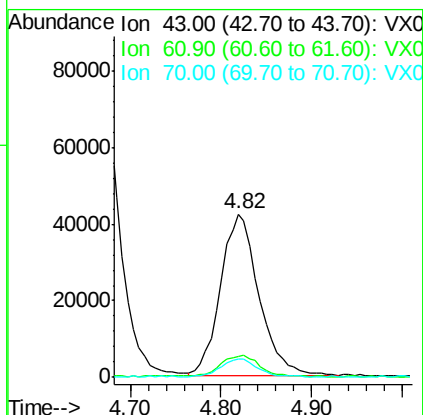
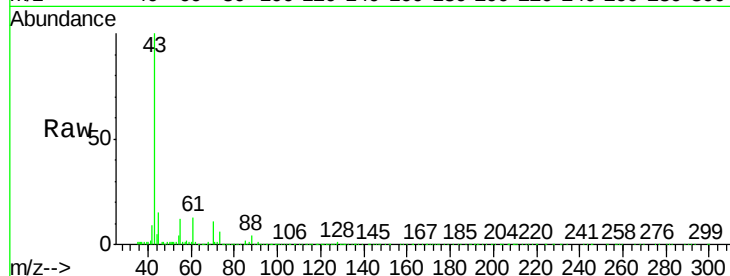




#37
Ethyl Acetate
Concen: 18.58 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

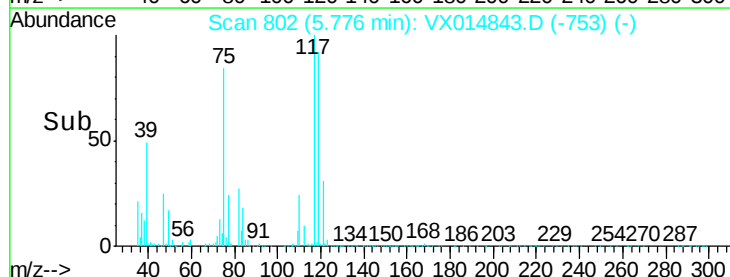
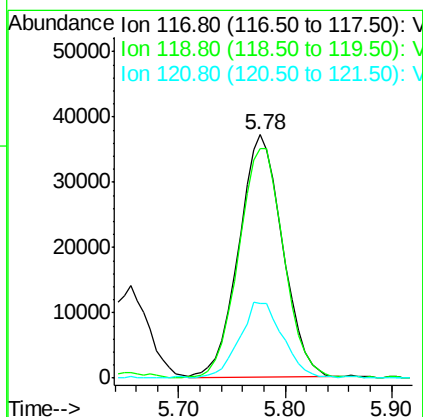
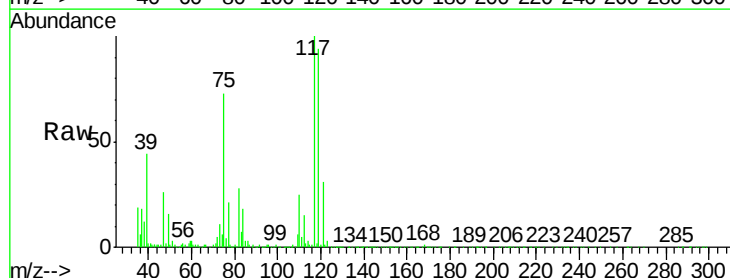
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

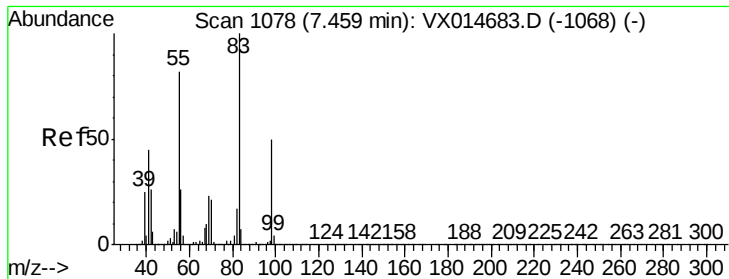
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.0	16.4
70	10.1	8.5	12.7



#38
Carbon Tetrachloride
Concen: 19.26 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.9	116.9
121	30.6	25.4	38.2

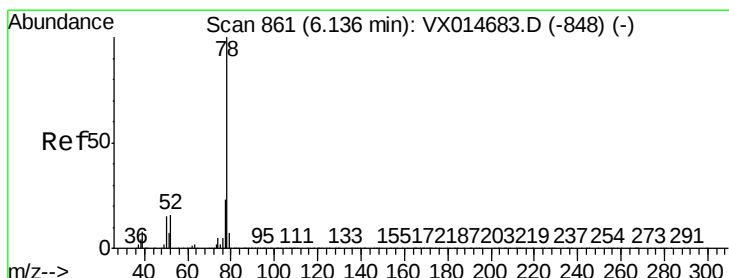
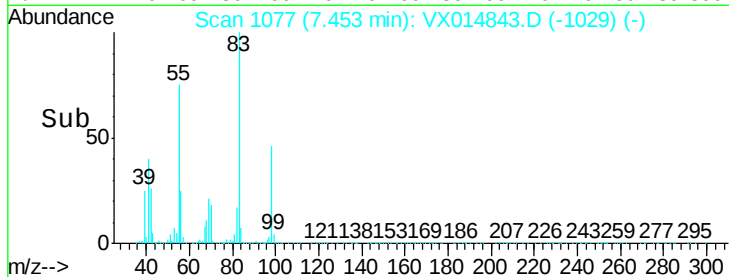
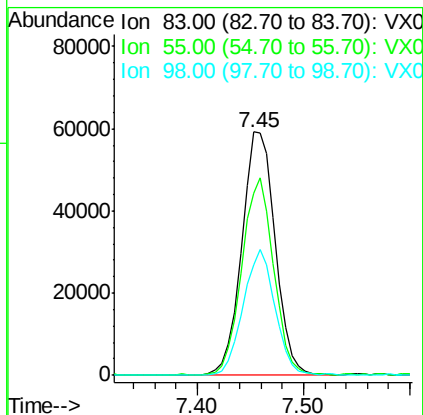
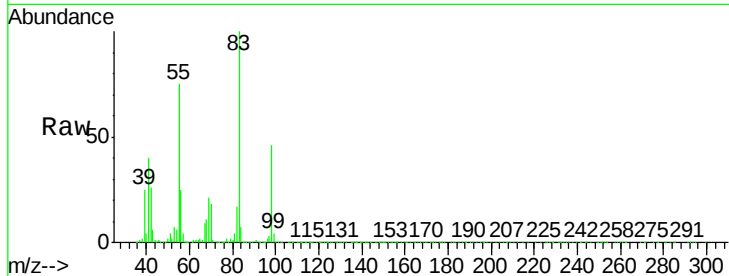




#39
Methylcyclohexane
Concen: 17.87 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

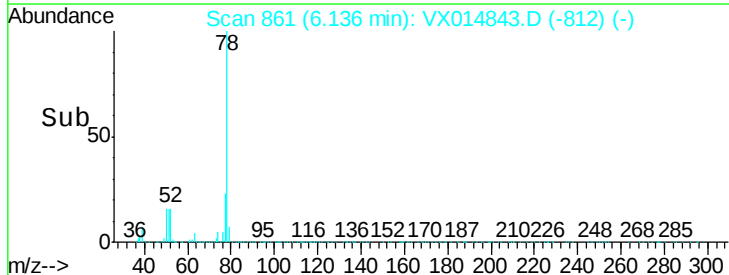
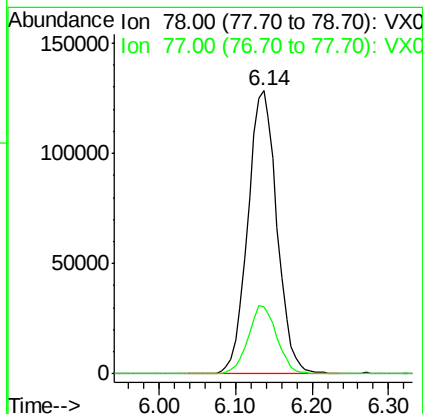
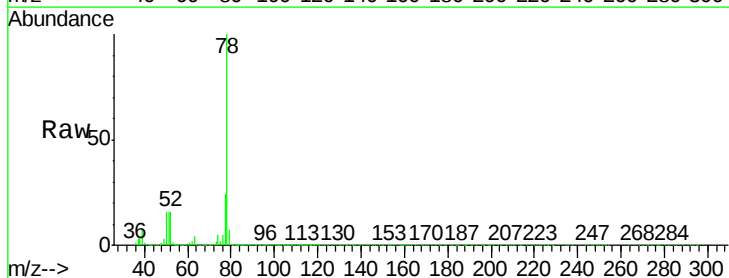
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

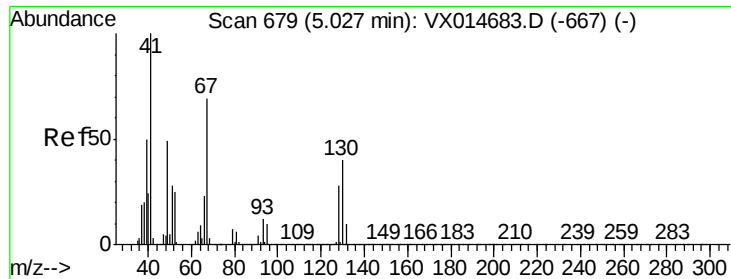
Tgt Ion:	83	Resp:	130109
Ion	Ratio	Lower	Upper
83	100		
55	74.6	65.6	98.4
98	45.5	40.2	60.4



#40
Benzene
Concen: 18.98 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion:	78	Resp:	340684
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1

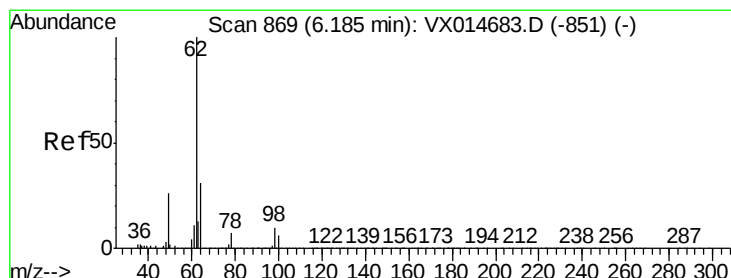
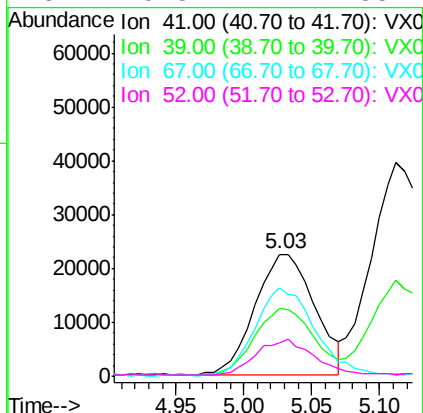
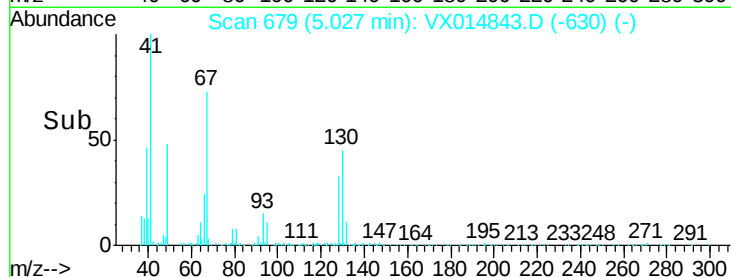
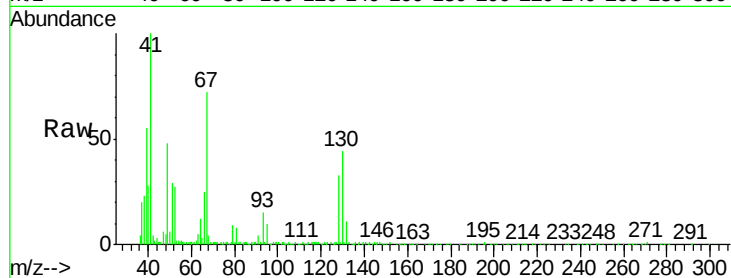




#41
Methacrylonitrile
Concen: 17.87 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

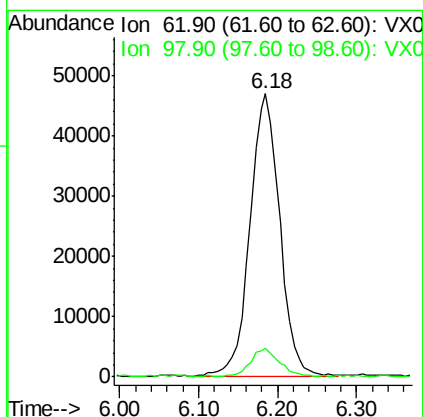
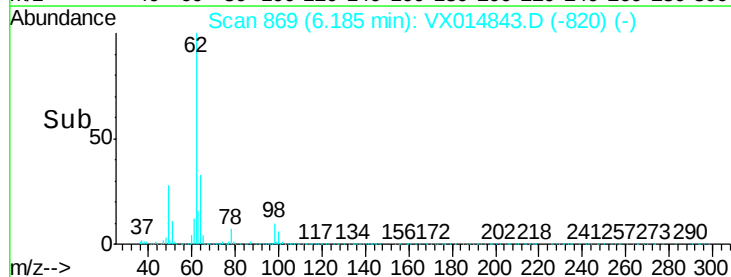
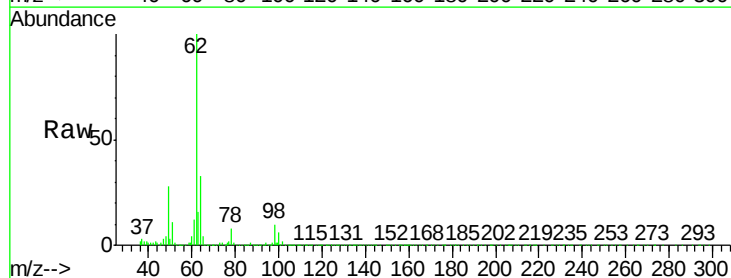
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

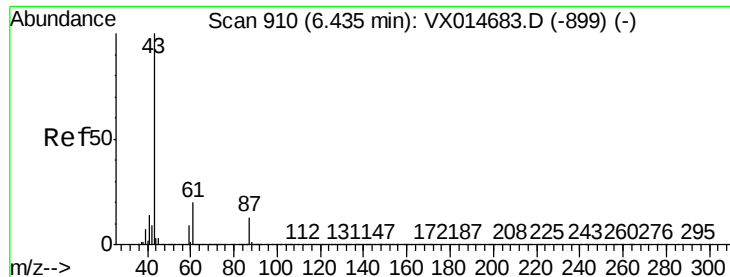
Tgt Ion:	41	Resp:	68473
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.2
67	75.2	55.4	83.0
52	29.8	22.1	33.1



#42
1,2-Dichloroethane
Concen: 19.82 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion:	62	Resp:	122887
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.02 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

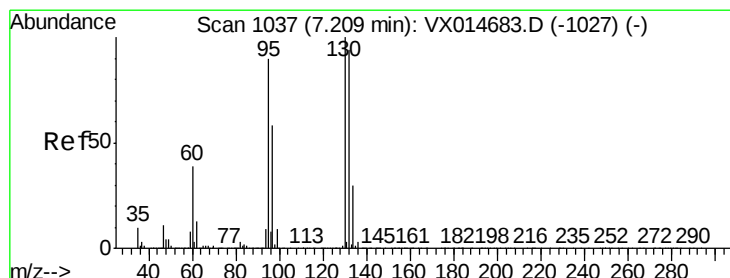
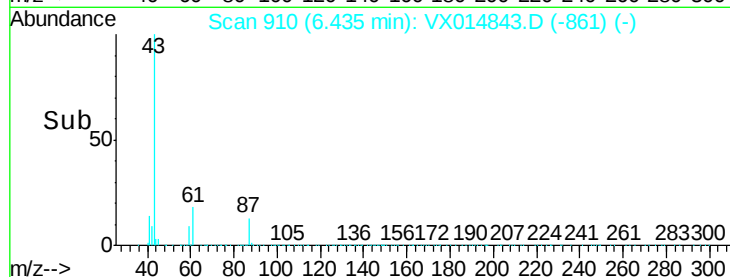
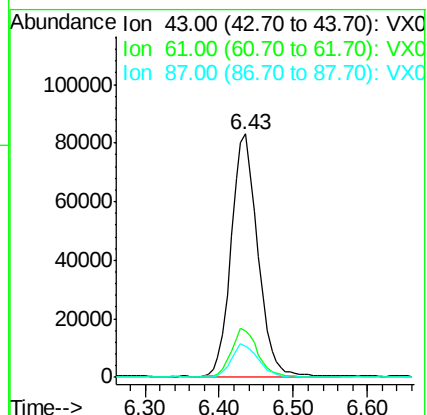
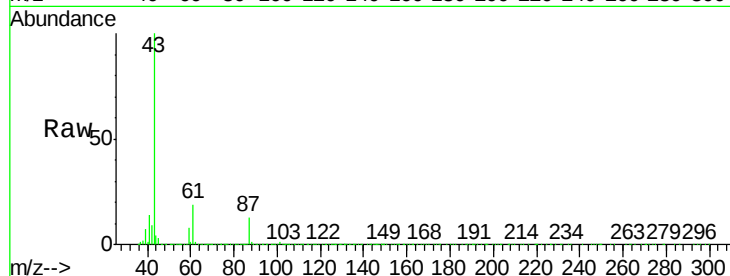
Tgt Ion: 43 Resp: 207225

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.4

87 14.0 10.5 15.7



#44

Trichloroethene

Concen: 18.54 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014843.D

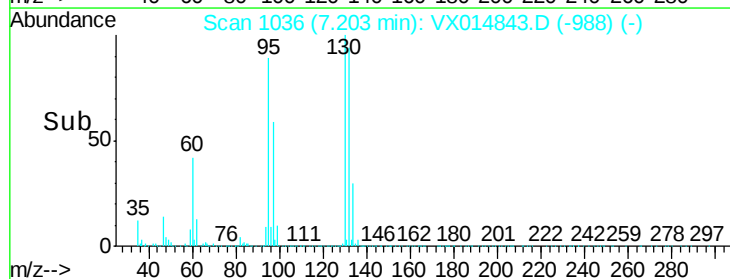
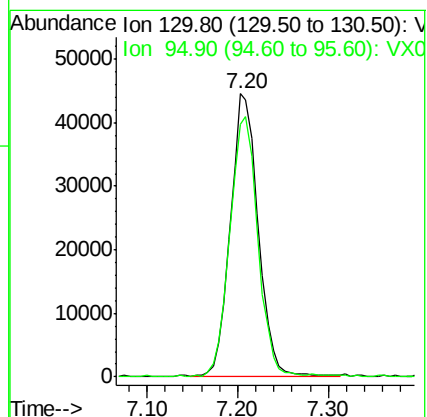
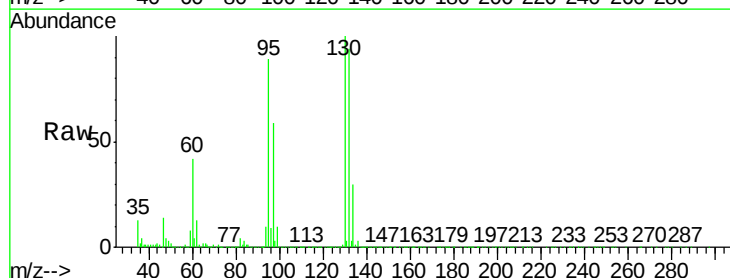
Acq: 06 Feb 2020 13:17

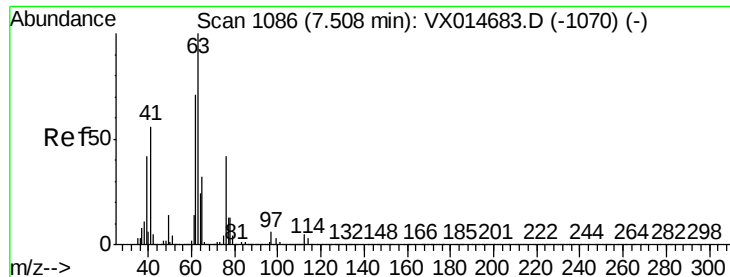
Tgt Ion: 130 Resp: 94012

Ion Ratio Lower Upper

130 100

95 89.5 0.0 179.8

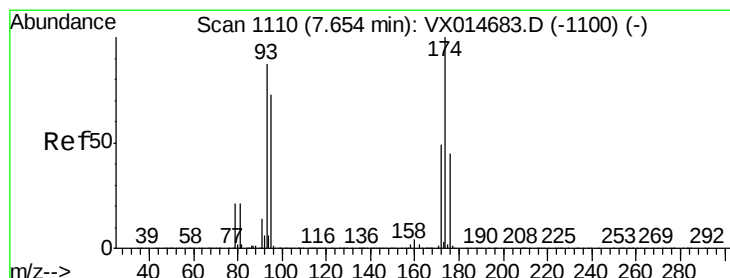
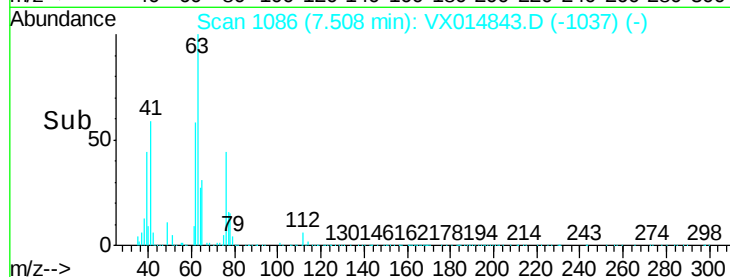
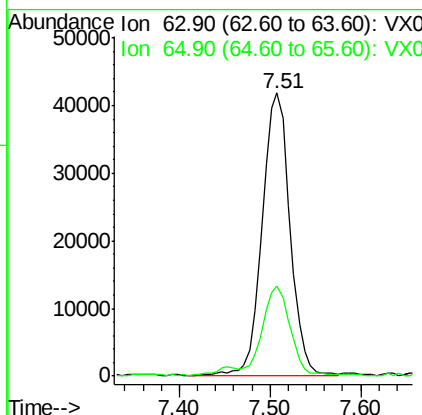
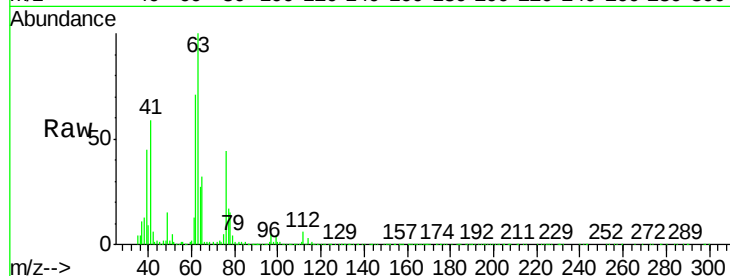




#45
 1,2-Dichloropropane
 Concen: 19.32 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

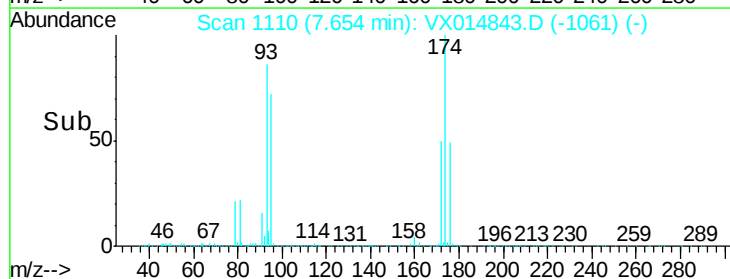
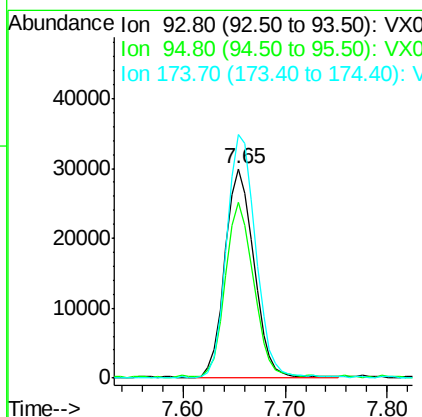
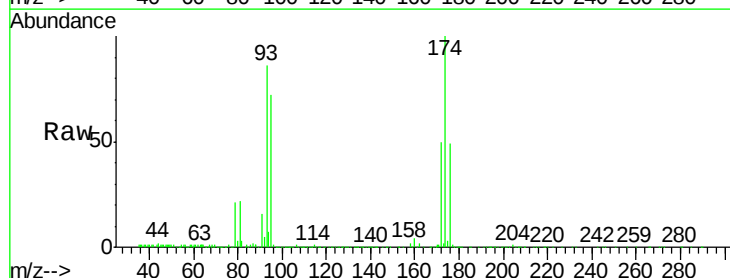
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

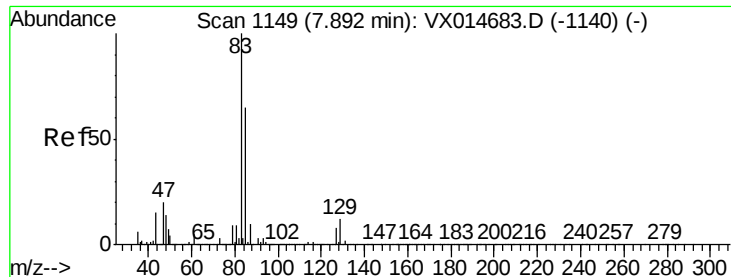
Tgt Ion: 63 Resp: 89357
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.2 37.8



#46
 Dibromomethane
 Concen: 19.61 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion: 93 Resp: 58742
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.4
 174 117.0 90.2 135.2





#47

Bromodichloromethane

Concen: 19.58 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

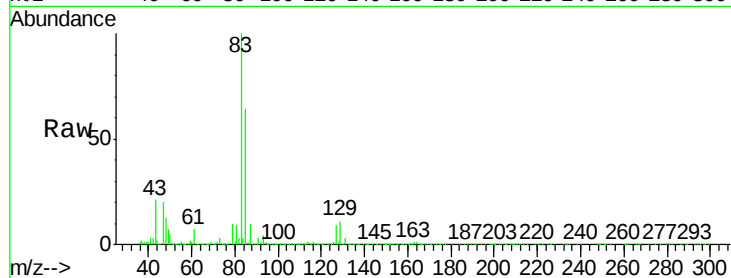
Tgt Ion: 83 Resp: 115013

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.2

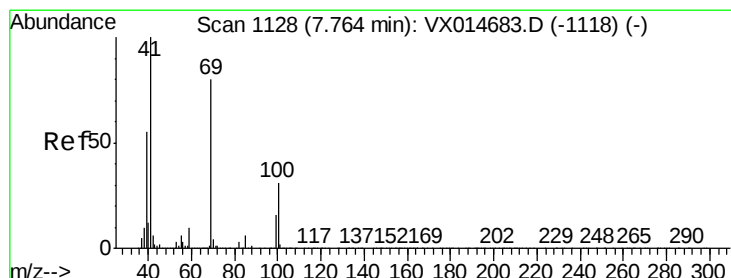
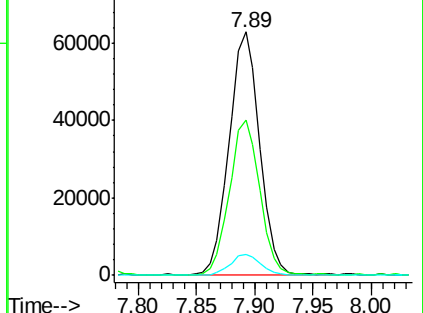
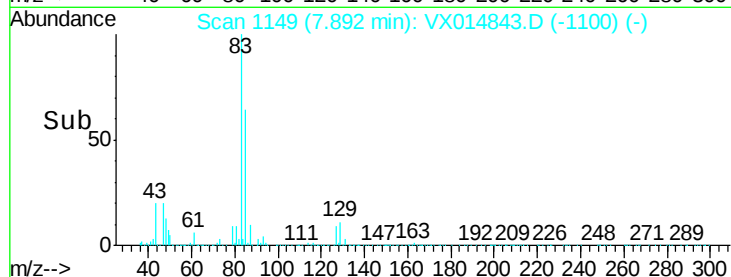
127 8.5 6.4 9.6



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: 19.24 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

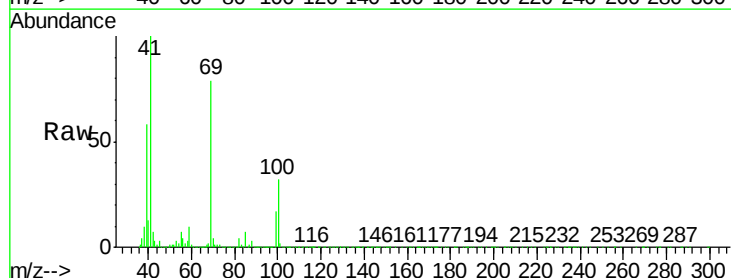
Tgt Ion: 41 Resp: 100190

Ion Ratio Lower Upper

41 100

69 81.7 63.5 95.3

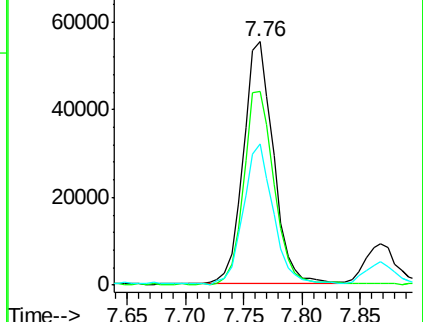
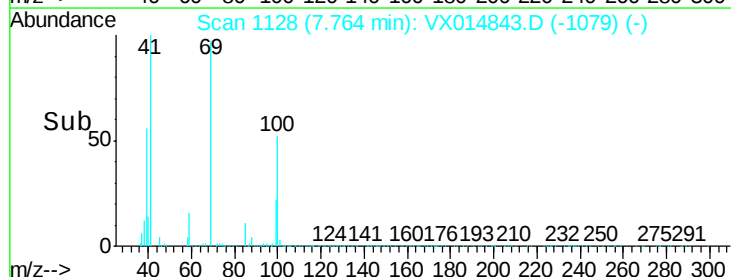
39 57.3 43.7 65.5

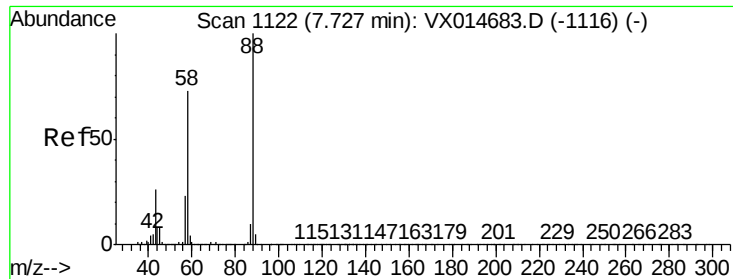


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 392.39 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

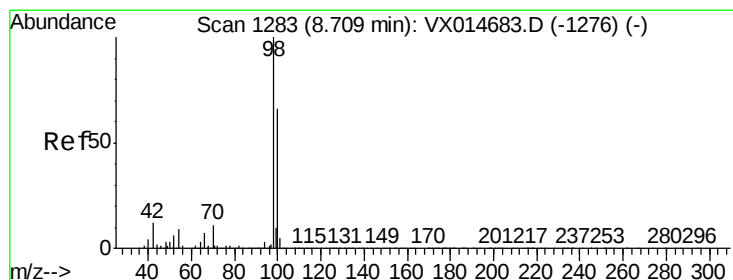
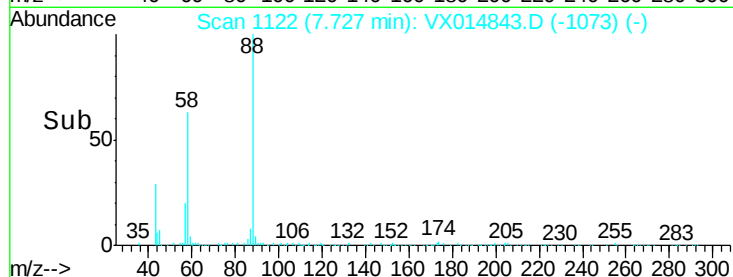
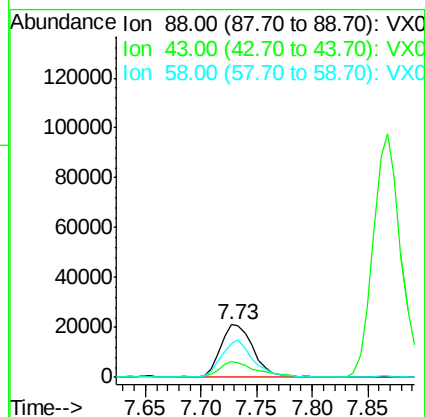
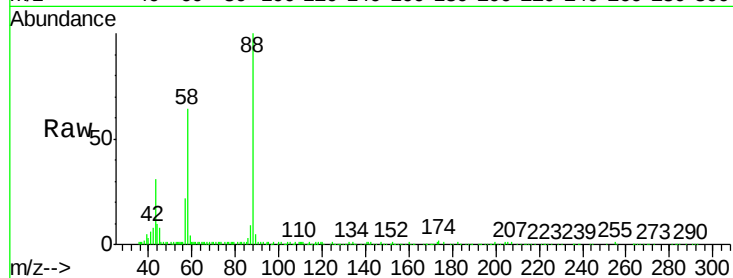
Tgt Ion: 88 Resp: 43309

Ion Ratio Lower Upper

88 100

43 35.1 26.2 39.2

58 69.6 56.6 85.0



#50

Toluene-d8

Concen: 48.32 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014843.D

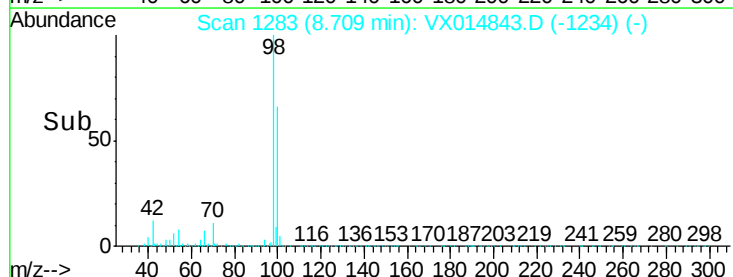
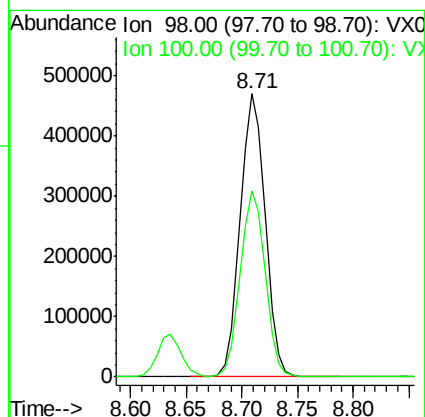
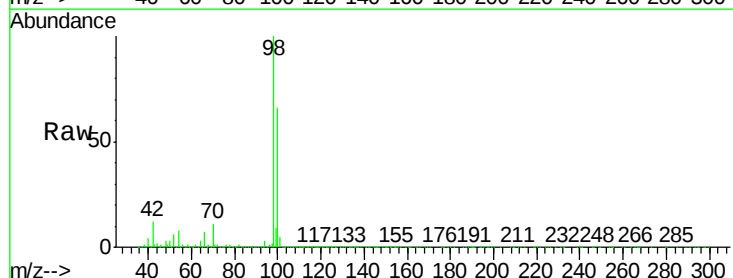
Acq: 06 Feb 2020 13:17

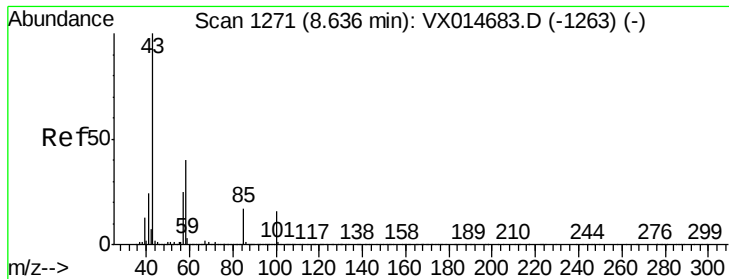
Tgt Ion: 98 Resp: 732992

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6

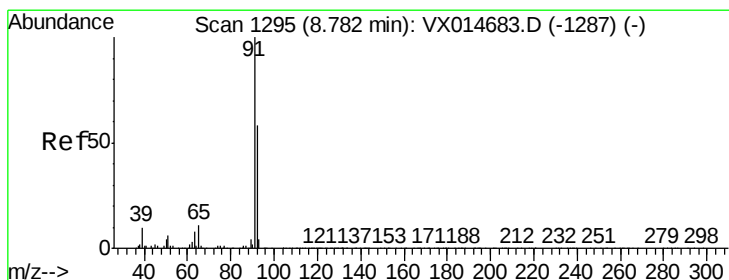
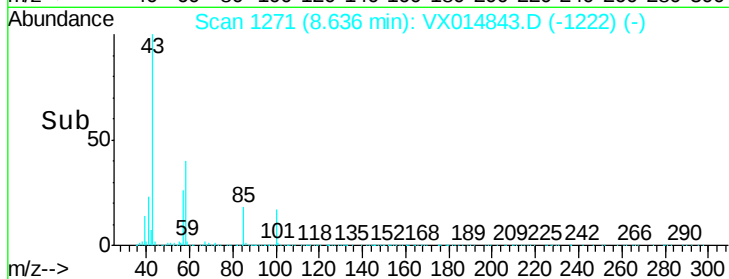
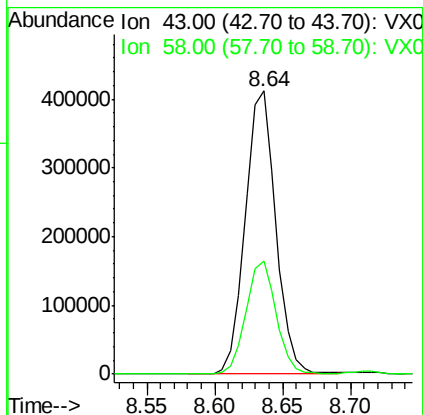
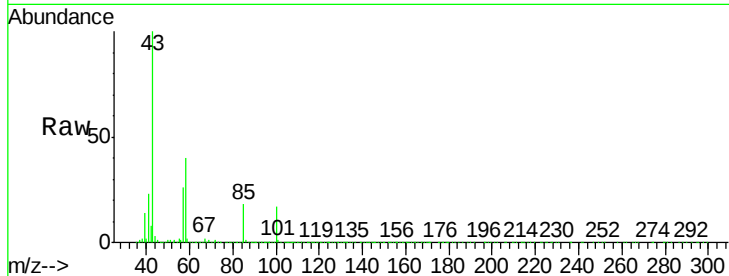




#51
 4-Methyl-2-Pentanone
 Concen: 93.95 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

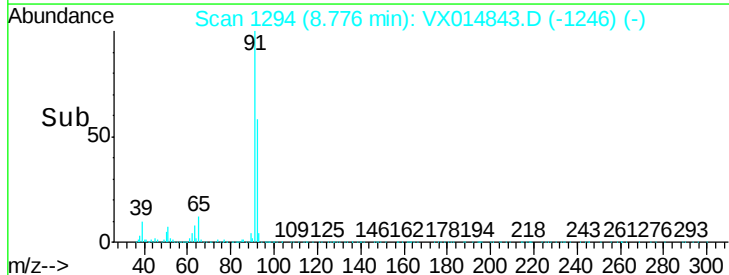
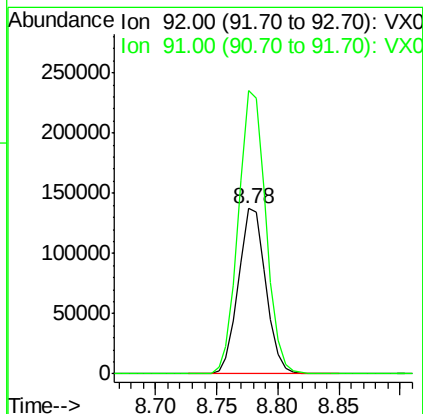
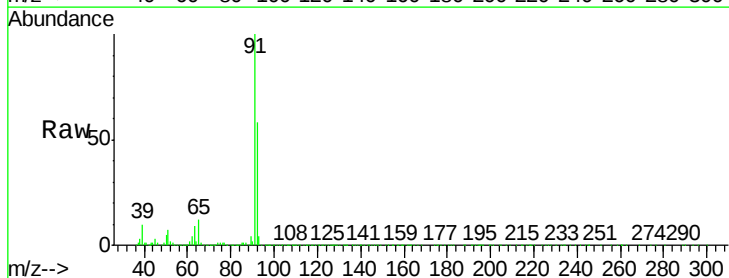
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

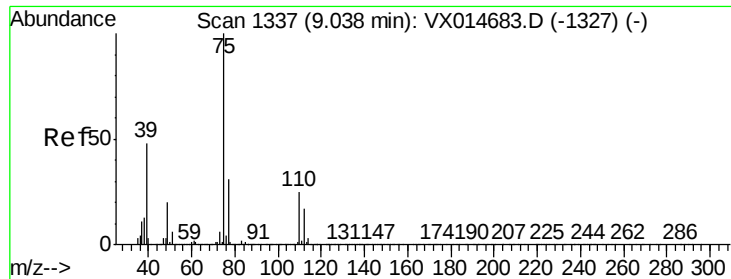
Tgt Ion: 43 Resp: 646180
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.6 47.4



#52
 Toluene
 Concen: 19.29 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion: 92 Resp: 212866
 Ion Ratio Lower Upper
 92 100
 91 171.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

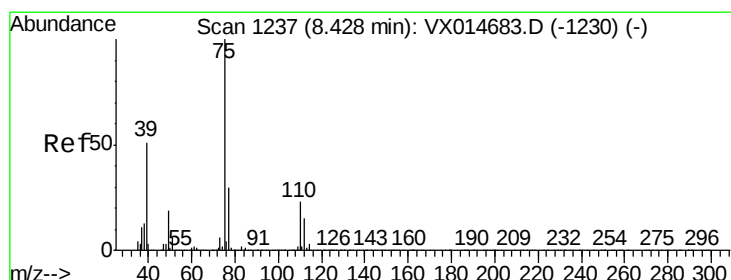
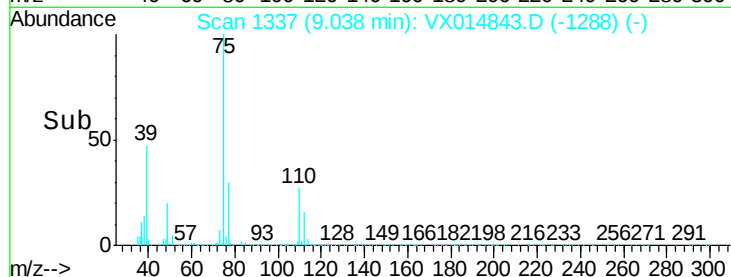
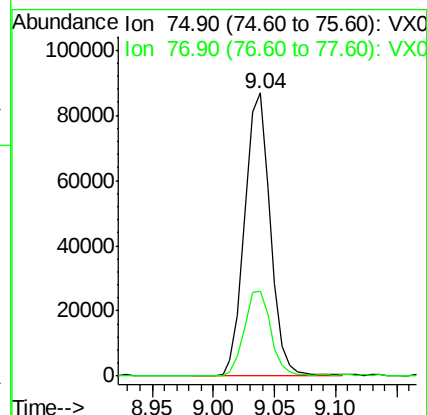
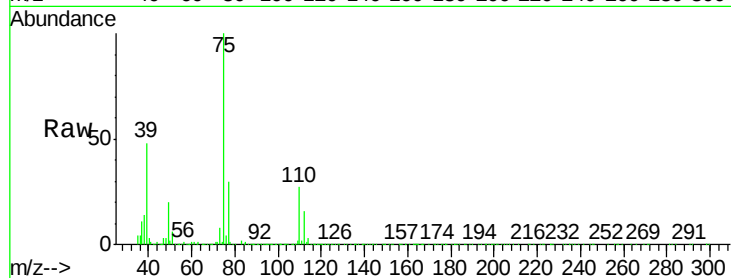
VX0206WBSD01

Tgt Ion: 75 Resp: 125830

Ion Ratio Lower Upper

75 100

77 29.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.91 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

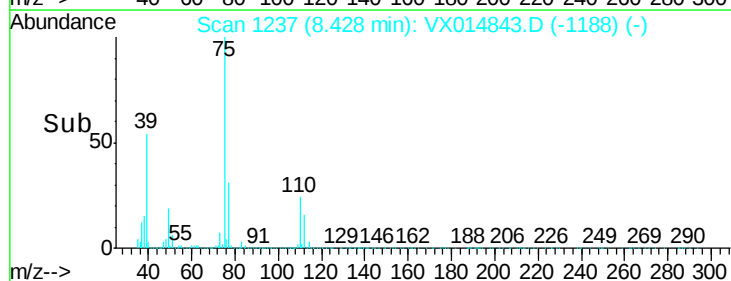
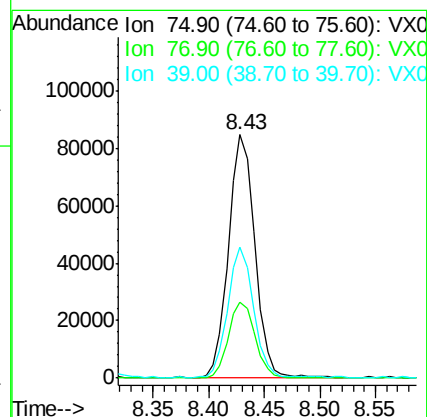
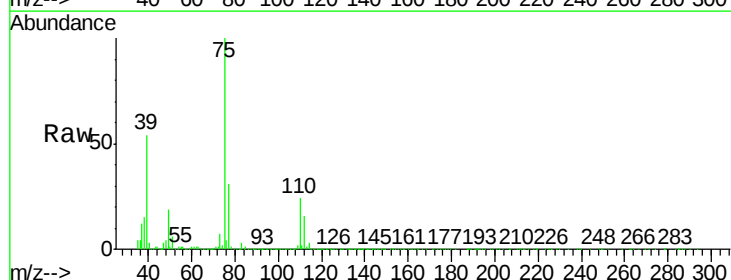
Tgt Ion: 75 Resp: 138564

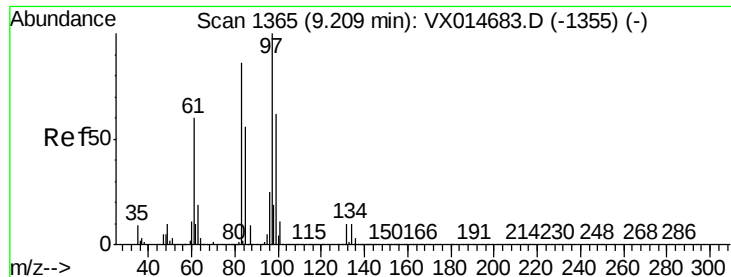
Ion Ratio Lower Upper

75 100

77 31.0 23.9 35.9

39 53.5 40.9 61.3

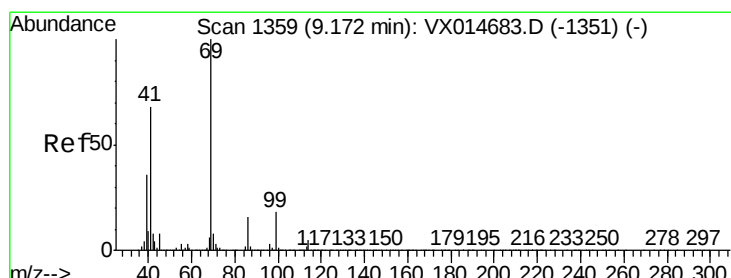
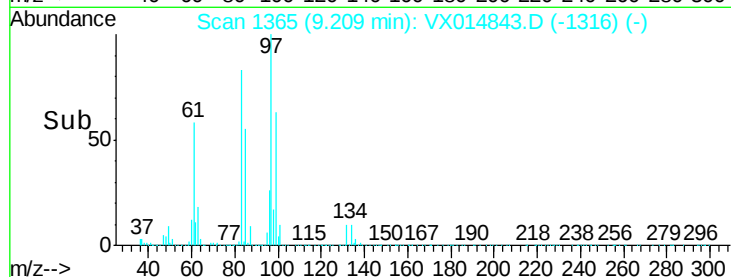
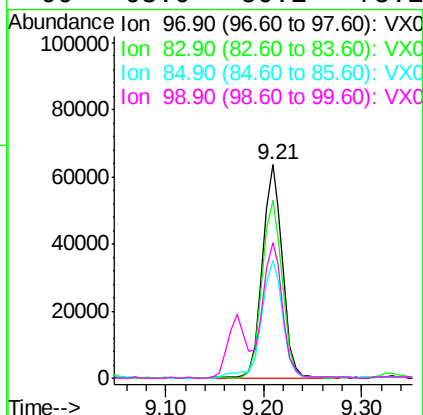
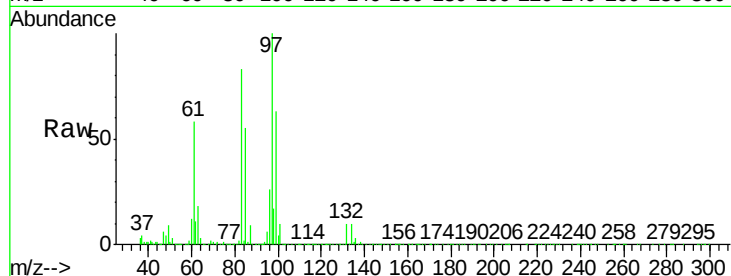




#55
 1,1,2-Trichloroethane
 Concen: 20.03 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

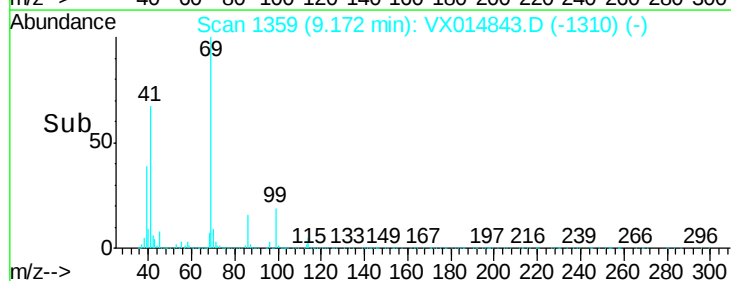
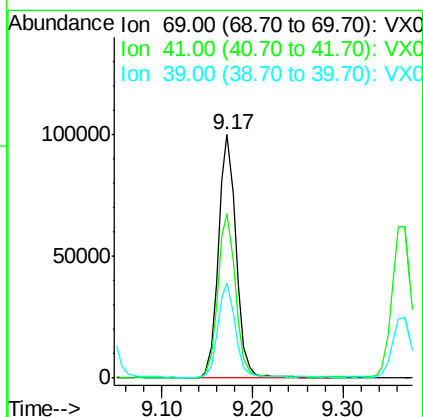
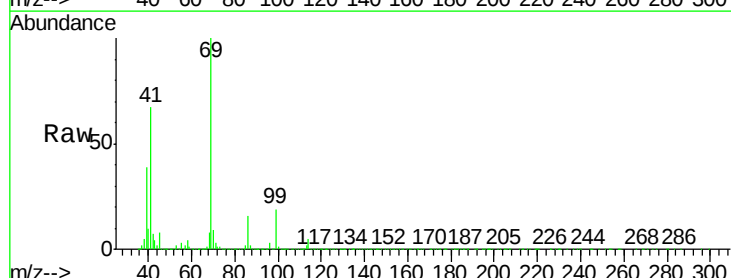
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

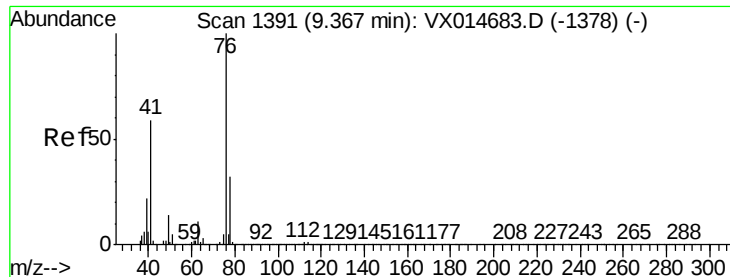
Tgt Ion:	97	Resp:	90492
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.2	103.8
85	54.7	44.6	67.0
99	63.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.95 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion:	69	Resp:	136367
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.9	82.3
39	38.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.29 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

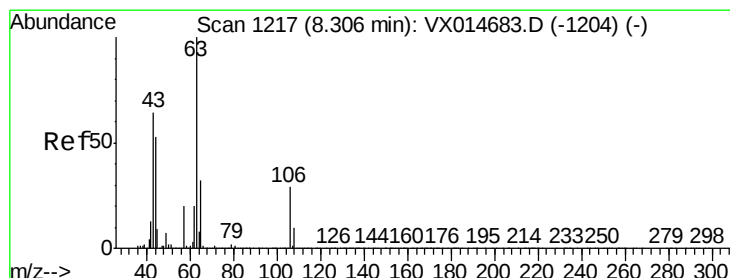
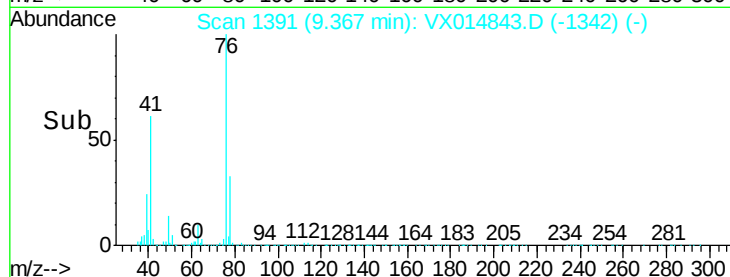
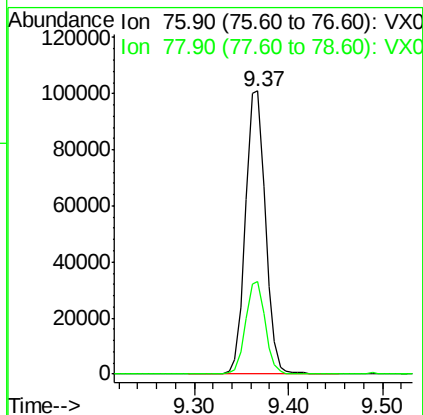
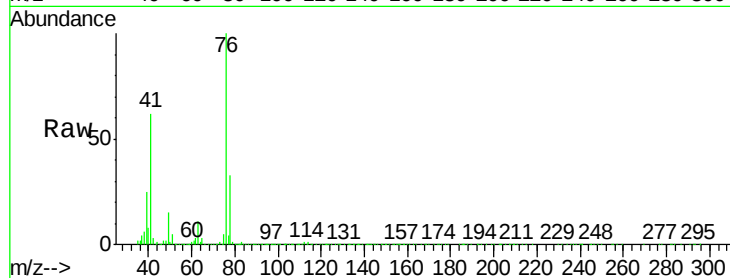
VX0206WBSD01

Tgt Ion: 76 Resp: 148967

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.53 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014843.D

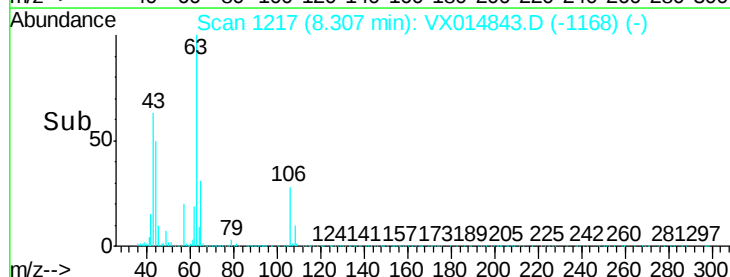
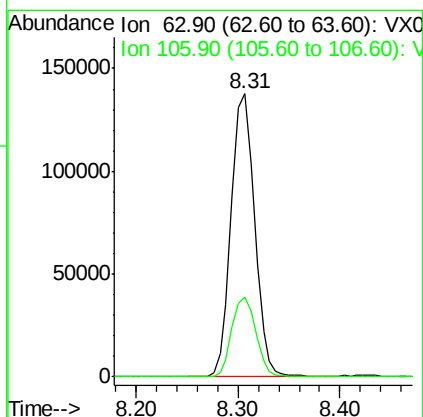
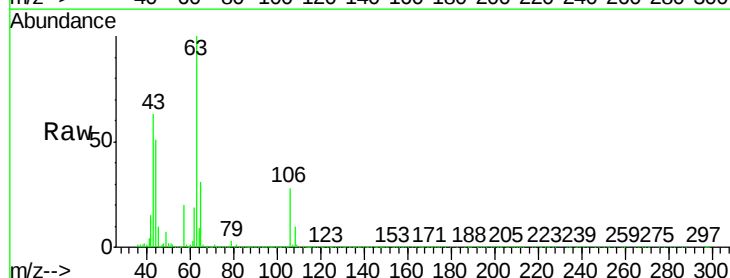
Acq: 06 Feb 2020 13:17

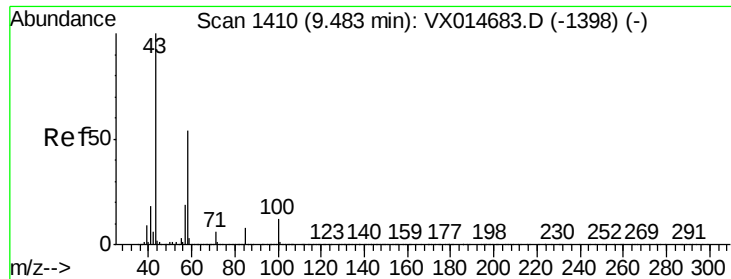
Tgt Ion: 63 Resp: 219339

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

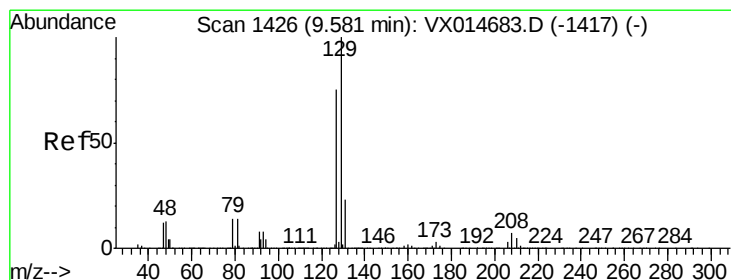
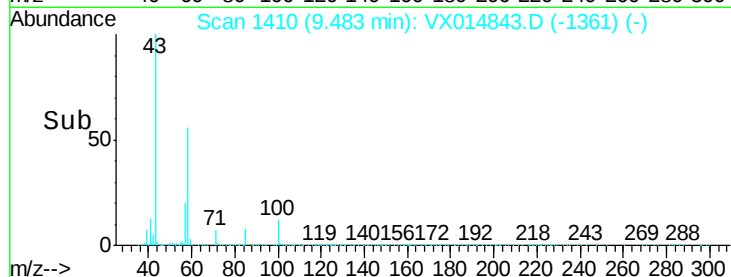
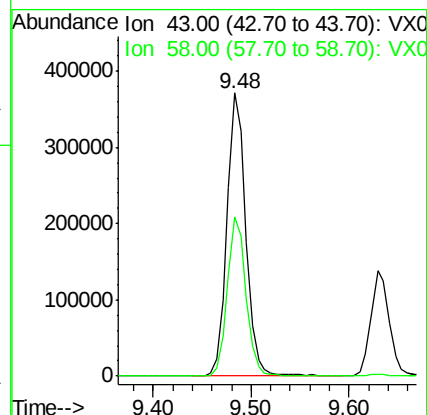
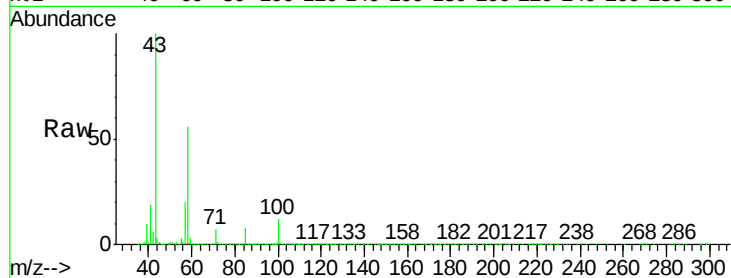




#59
2-Hexanone
Concen: 92.91 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

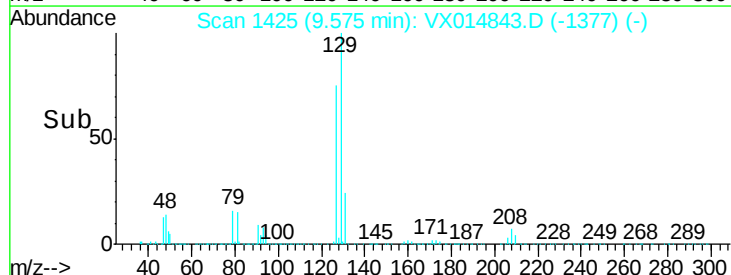
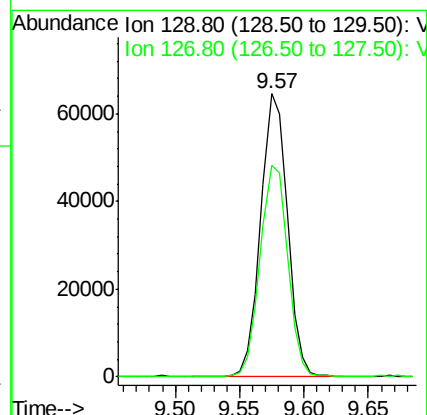
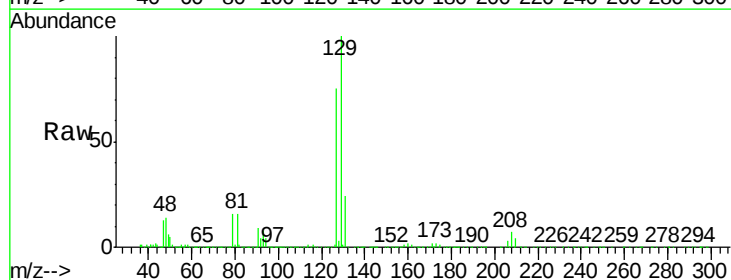
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

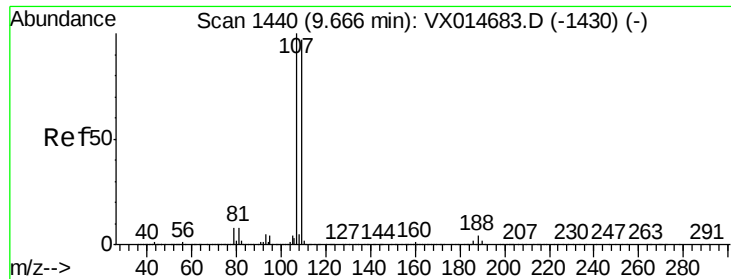
Tgt Ion: 43 Resp: 495905
Ion Ratio Lower Upper
43 100
58 56.2 27.2 81.5



#60
Dibromochloromethane
Concen: 19.62 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 129 Resp: 92523
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.37 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

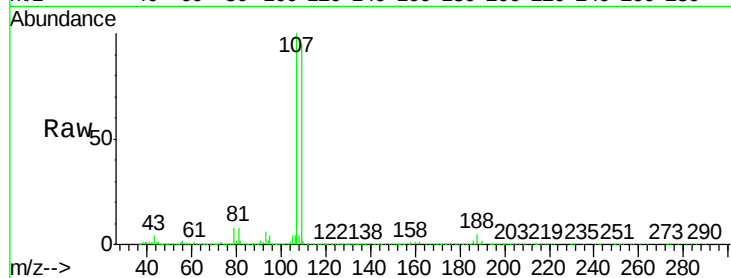
VX0206WBSD01

Tgt Ion: 107 Resp: 92538

Ion Ratio Lower Upper

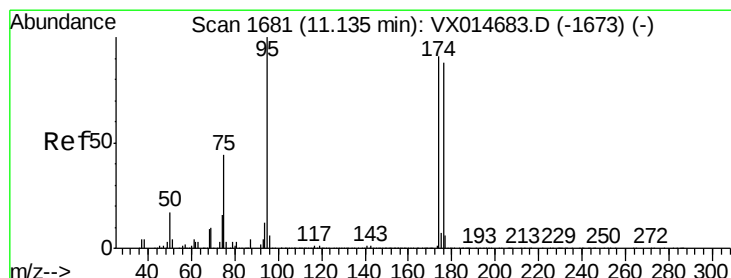
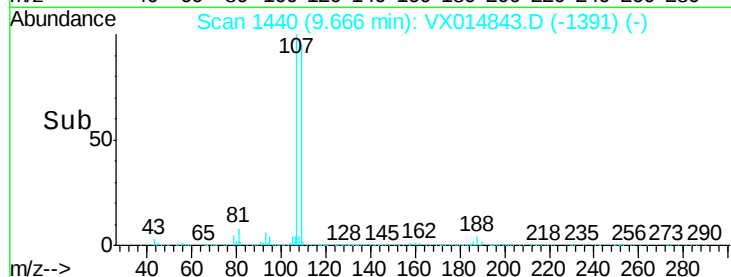
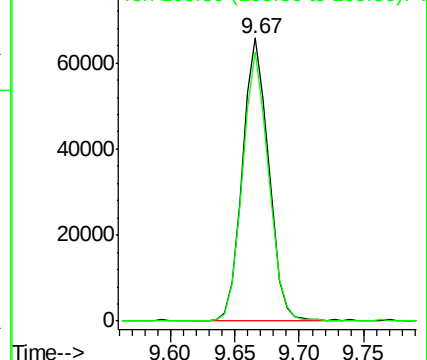
107 100

109 95.0 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.26 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

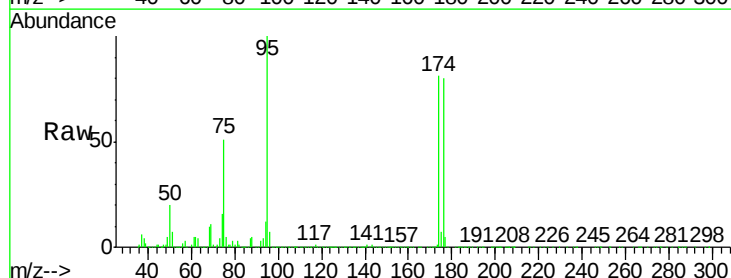
Tgt Ion: 95 Resp: 260789

Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

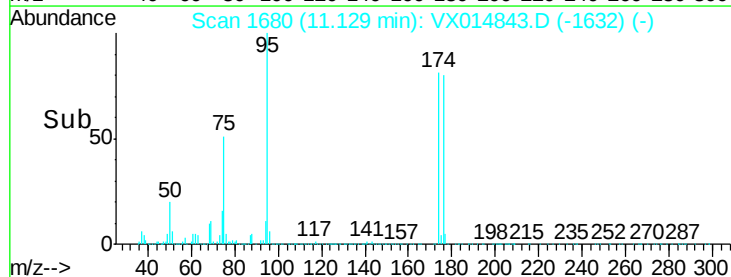
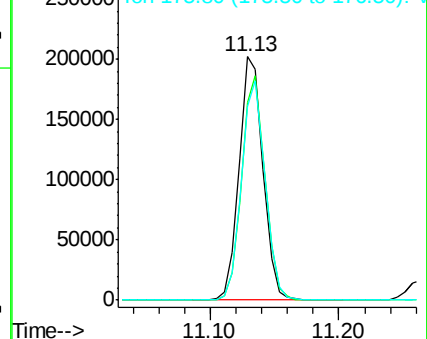
176 89.1 0.0 172.2

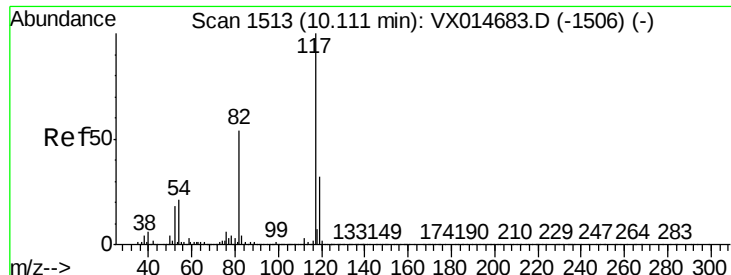


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

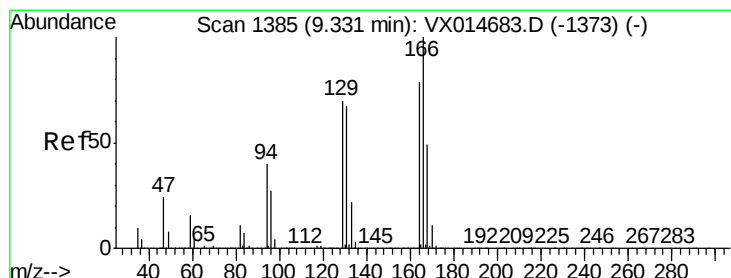
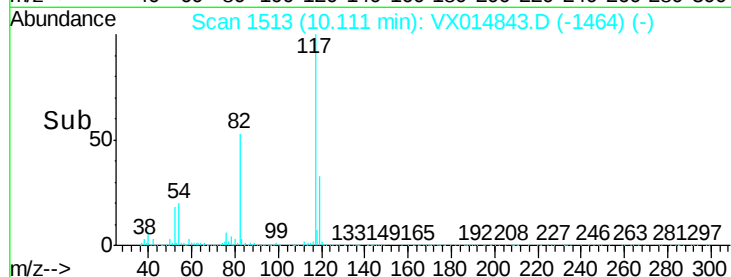
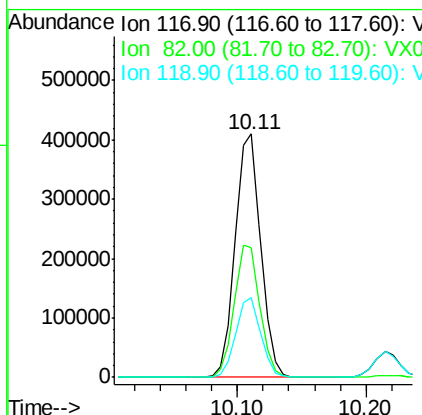
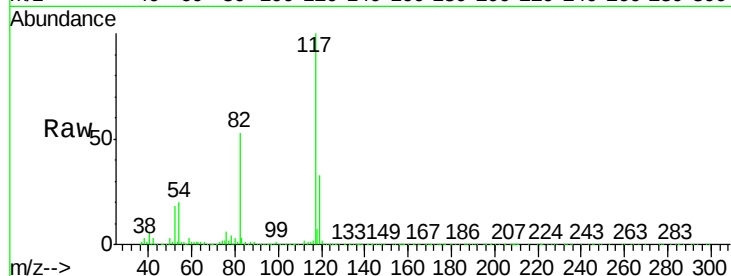




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

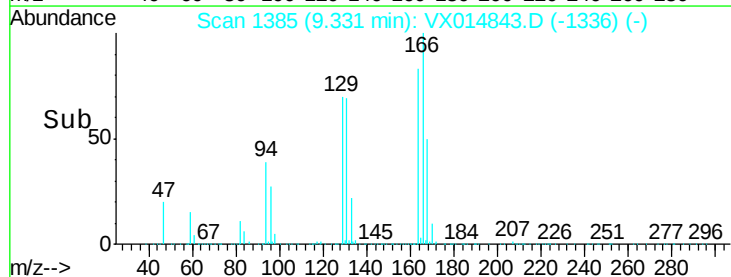
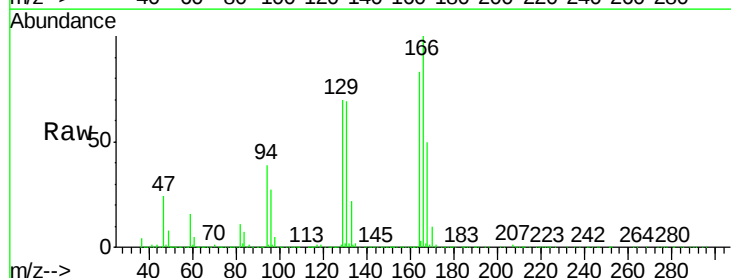
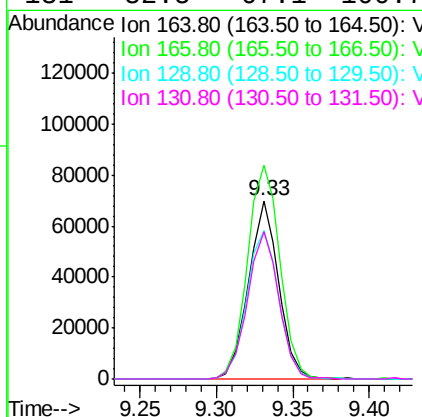
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

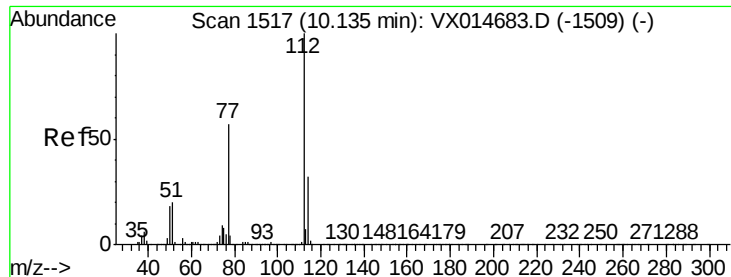
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.2	64.8
119	32.9	25.8	38.6



#64
Tetrachloroethene
Concen: 17.02 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.8	100.9	151.3
129	83.5	71.0	106.6
131	82.5	67.1	100.7





#65

Chlorobenzene

Concen: 19.36 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

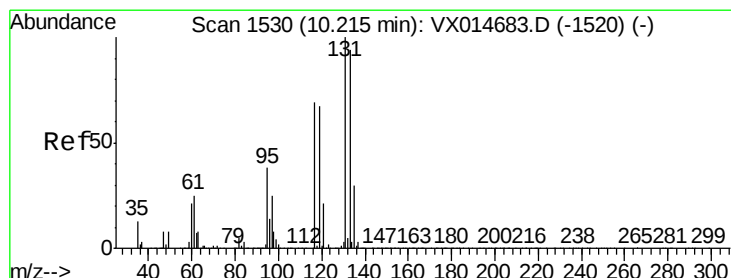
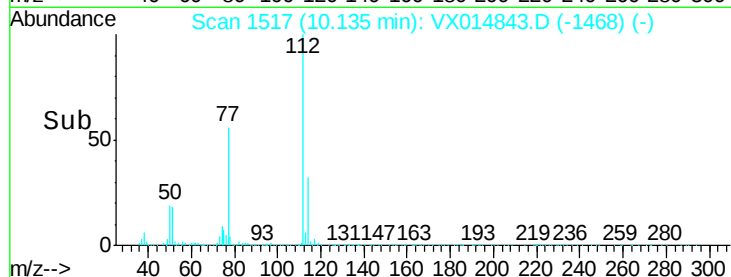
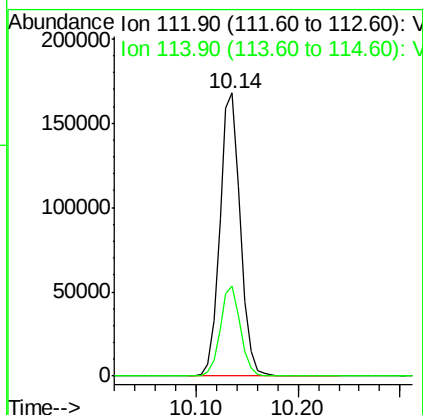
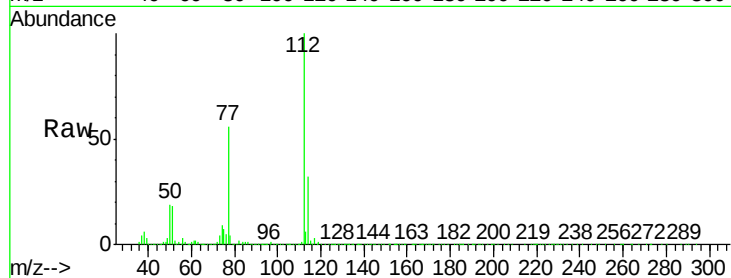
VX0206WBSD01

Tgt Ion:112 Resp: 234458

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.58 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

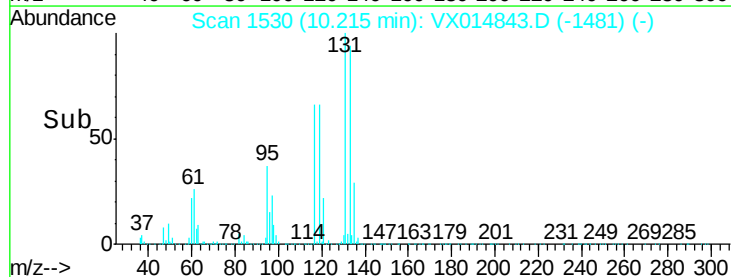
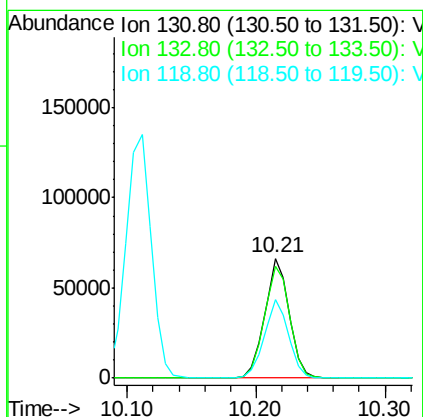
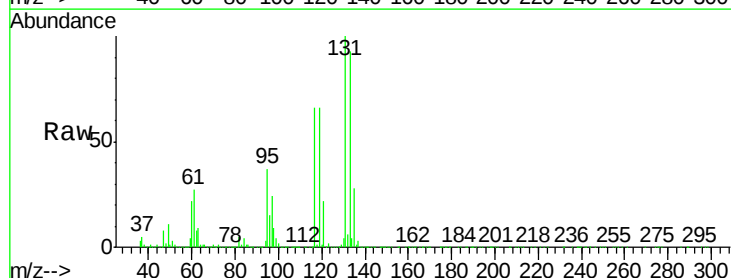
Tgt Ion:131 Resp: 87441

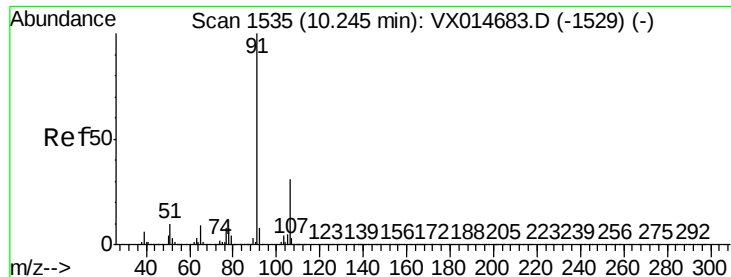
Ion Ratio Lower Upper

131 100

133 97.0 47.4 142.3

119 66.2 33.3 99.8





#67

Ethyl Benzene

Concen: 19.71 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

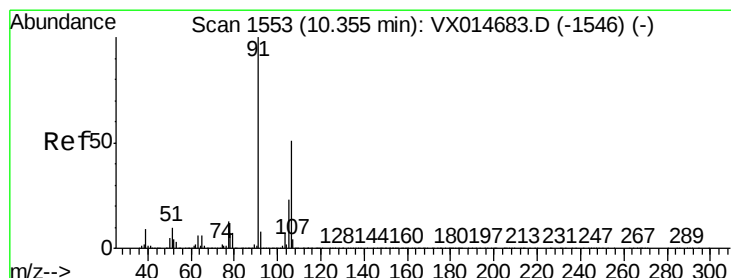
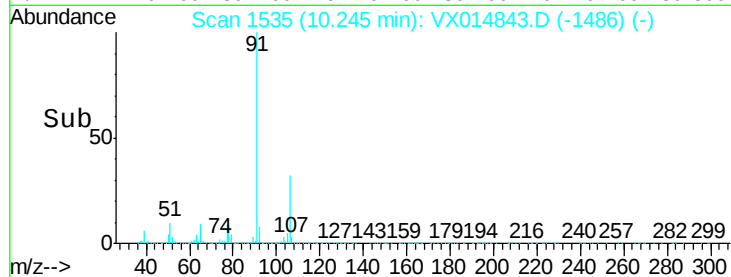
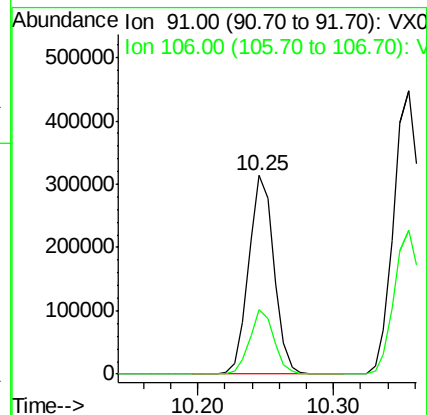
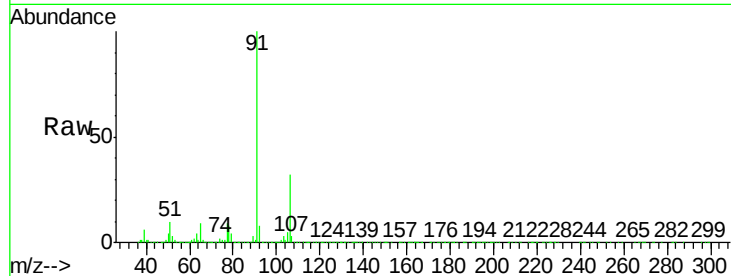
VX0206WBSD01

Tgt Ion: 91 Resp: 407570

Ion Ratio Lower Upper

91 100

106 32.2 24.9 37.3



#68

m/p-Xylenes

Concen: 39.48 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014843.D

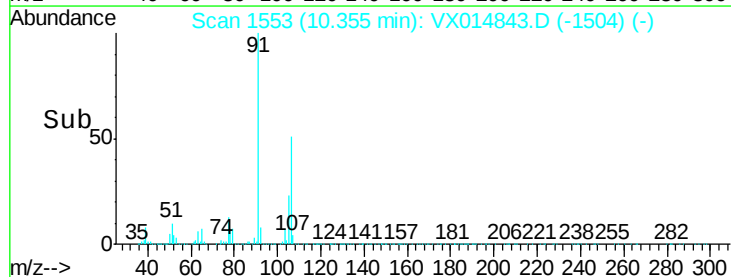
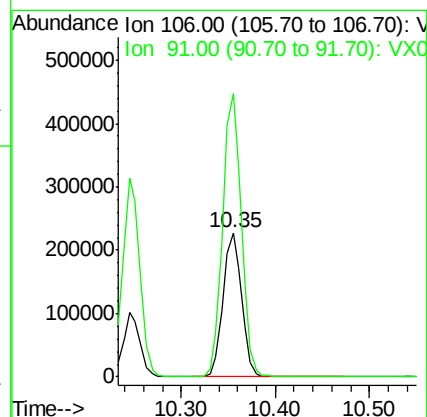
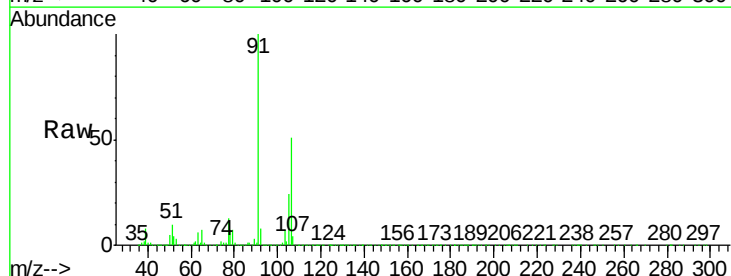
Acq: 06 Feb 2020 13:17

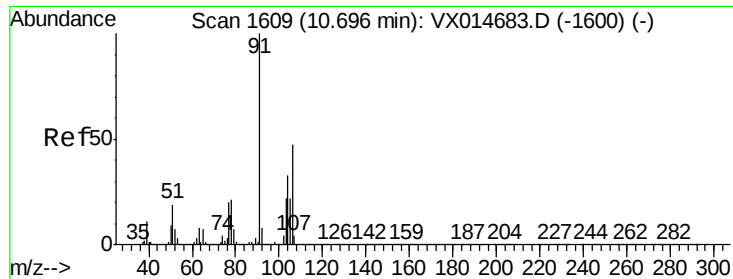
Tgt Ion: 106 Resp: 309335

Ion Ratio Lower Upper

106 100

91 198.9 159.4 239.2

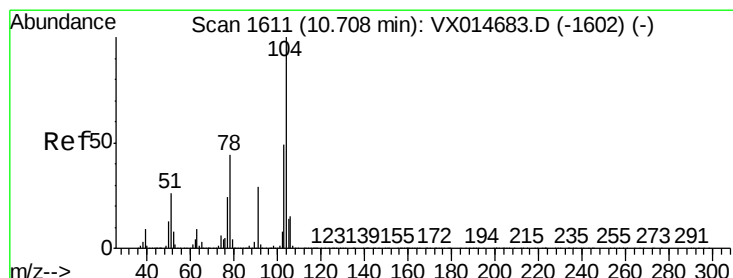
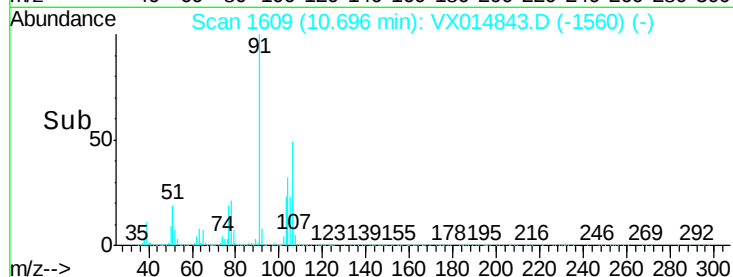
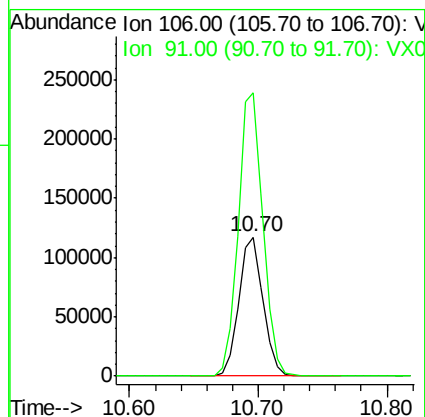
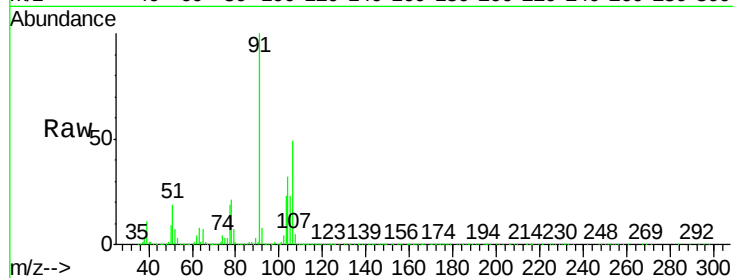




#69
o-Xylene
Concen: 20.06 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

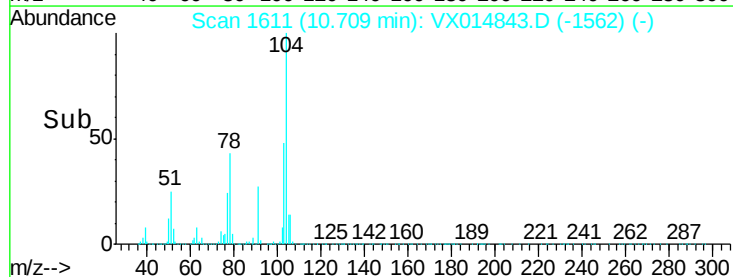
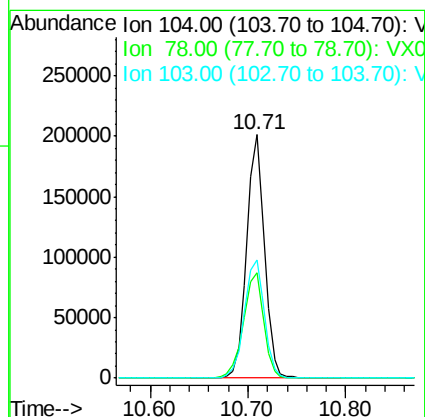
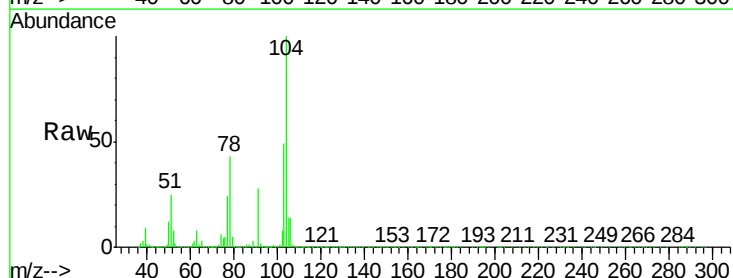
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

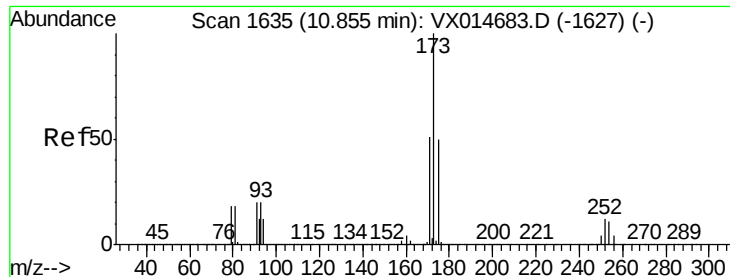
Tgt Ion:106 Resp: 151750
Ion Ratio Lower Upper
106 100
91 208.4 106.2 318.6



#70
Styrene
Concen: 20.15 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion:104 Resp: 255671
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 54.5 43.5 65.3





#71

Bromoform

Concen: 19.49 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

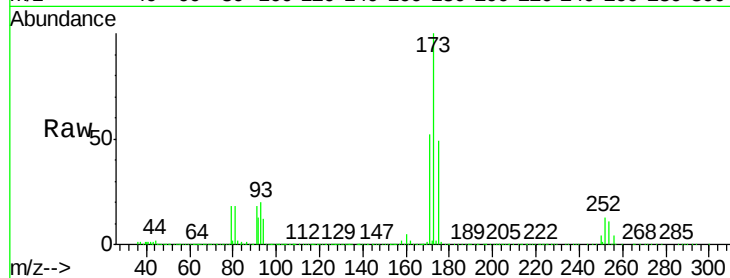
Tgt Ion:173 Resp: 69203

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

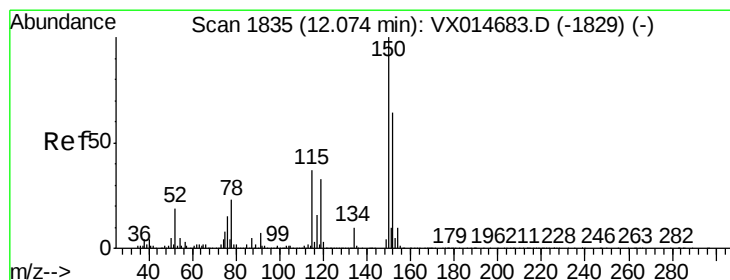
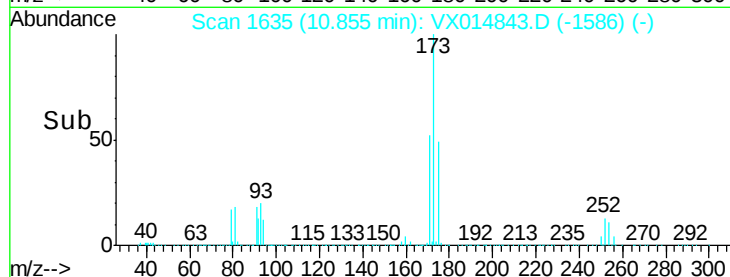
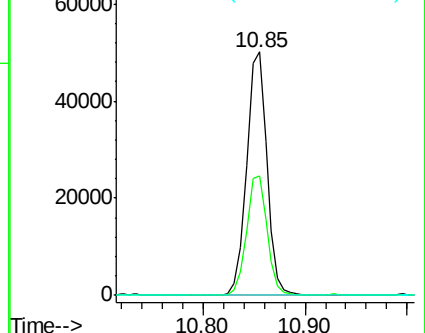
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

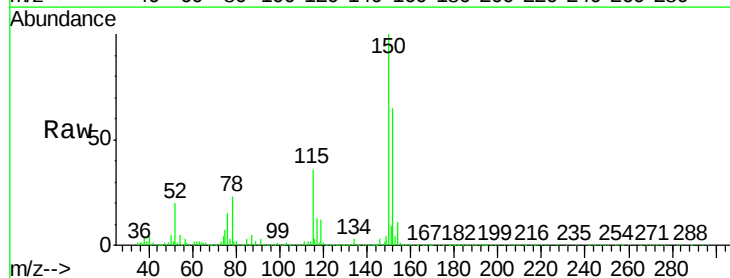
Tgt Ion:152 Resp: 286862

Ion Ratio Lower Upper

152 100

115 63.8 39.4 118.1

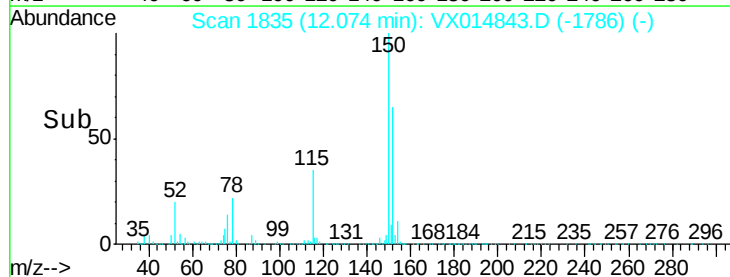
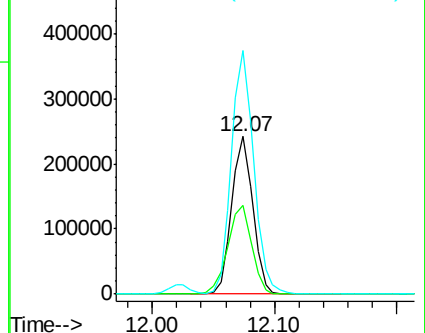
150 163.1 0.0 351.2

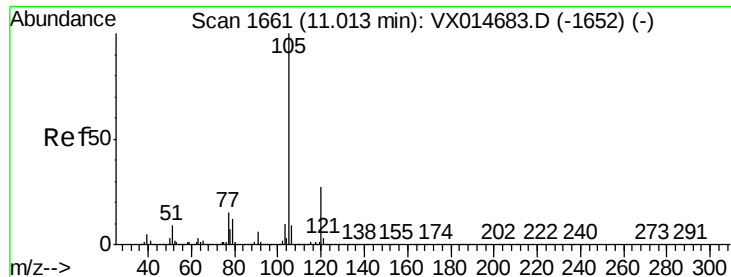


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.71 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

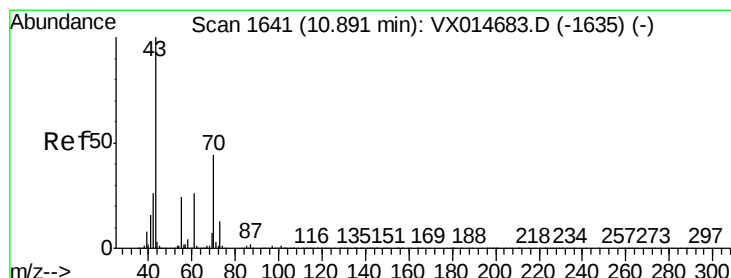
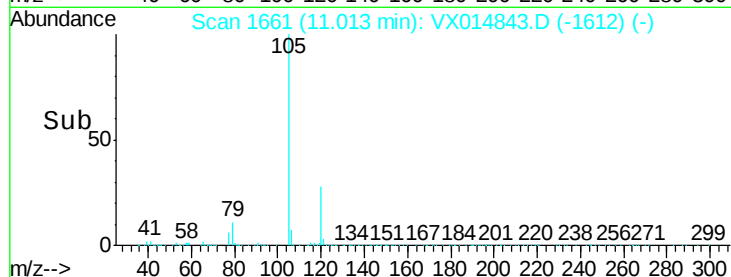
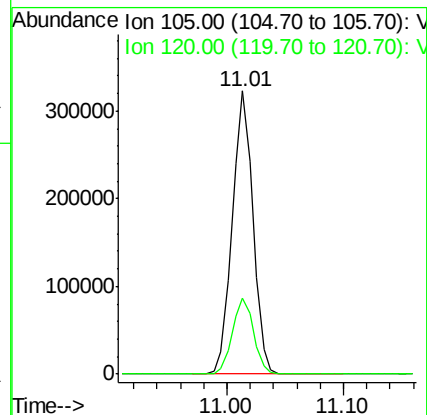
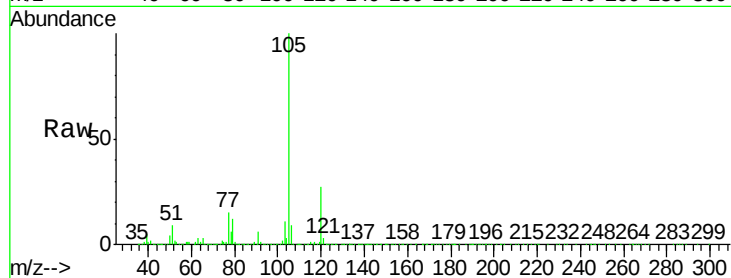
VX0206WBSD01

Tgt Ion: 105 Resp: 397573

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#74

N-ethyl acetate

Concen: 19.27 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion: 43 Resp: 170326

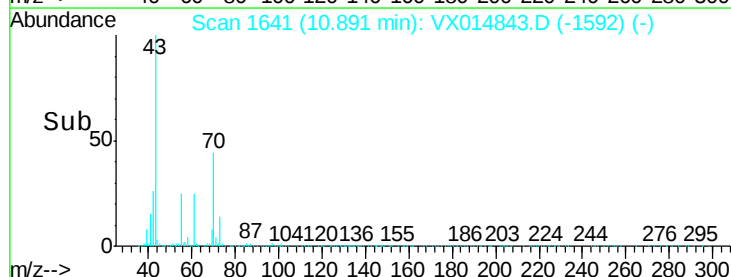
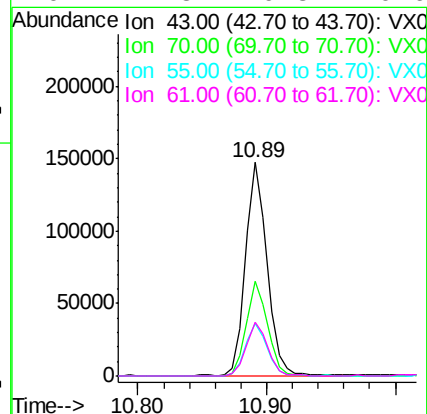
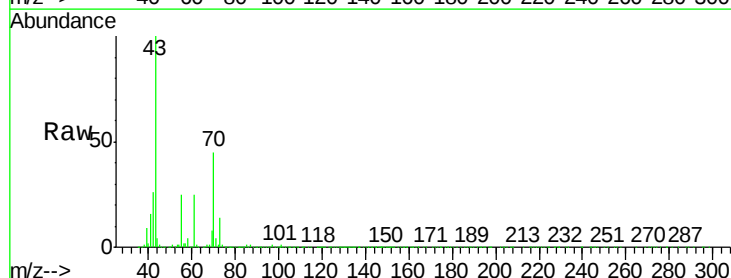
Ion Ratio Lower Upper

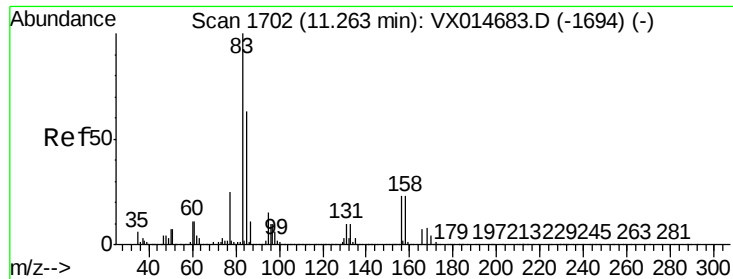
43 100

70 44.3 34.6 52.0

55 25.0 19.4 29.2

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.69 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

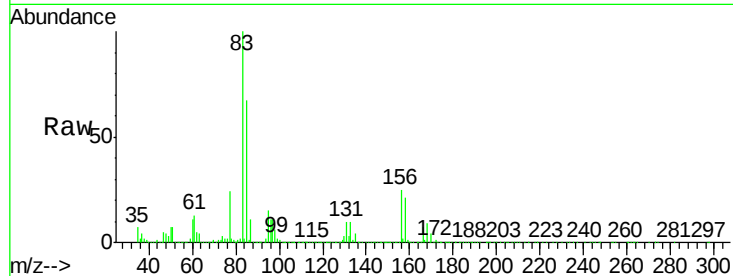
Tgt Ion: 83 Resp: 134570

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

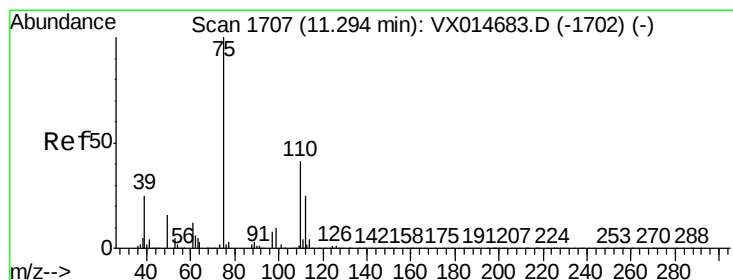
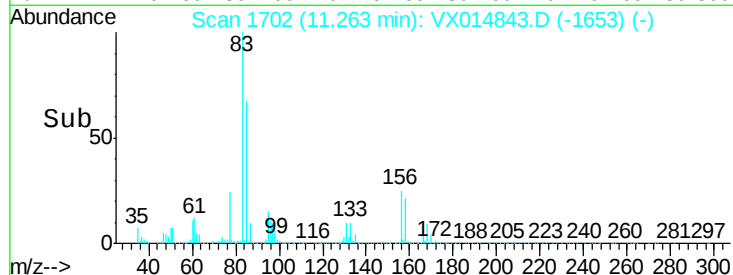
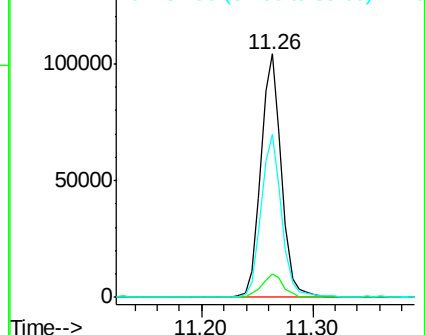
85 66.3 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.89 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014843.D

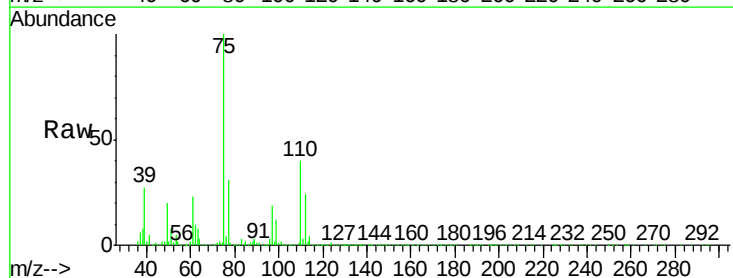
Acq: 06 Feb 2020 13:17

Tgt Ion: 75 Resp: 152784

Ion Ratio Lower Upper

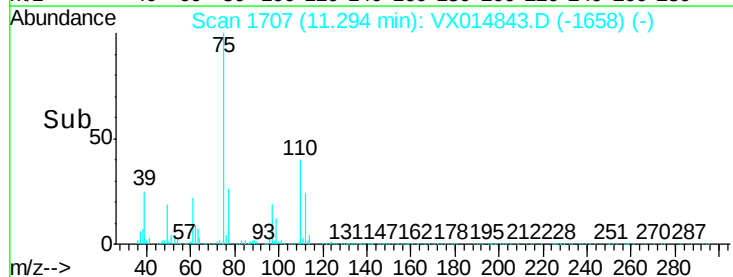
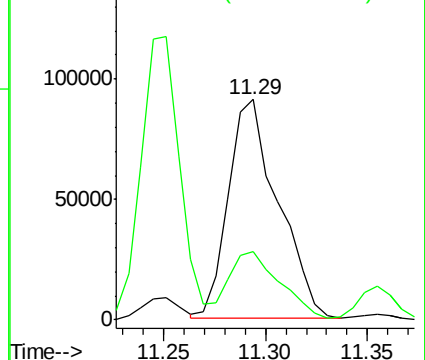
75 100

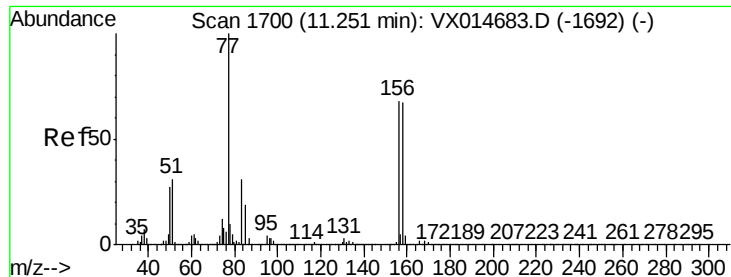
77 31.3 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.63 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

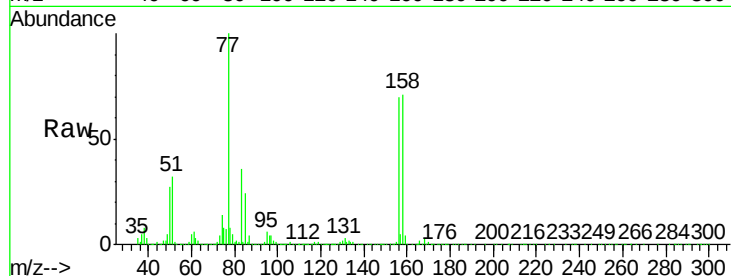
Tgt Ion: 156 Resp: 106393

Ion Ratio Lower Upper

156 100

77 145.2 77.5 232.5

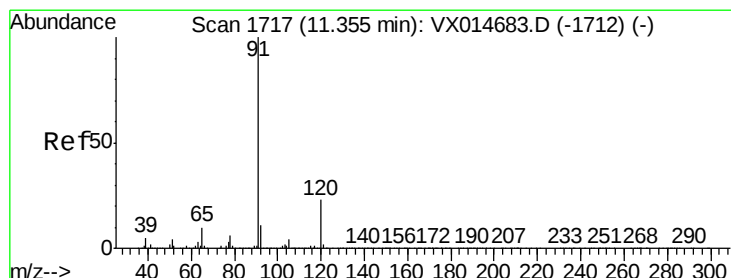
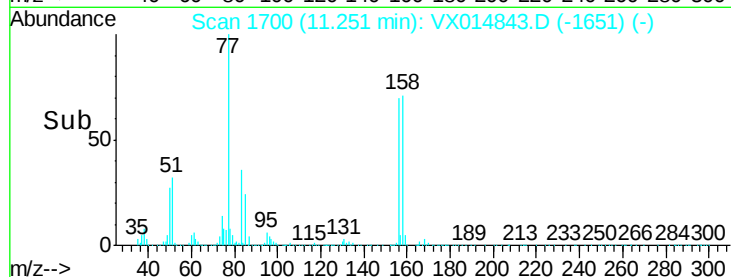
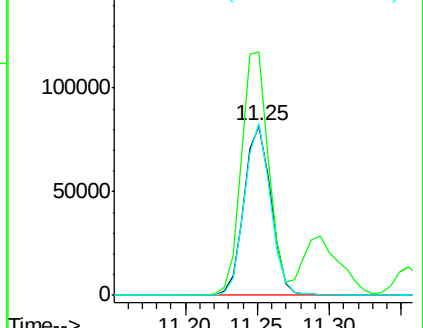
158 97.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.55 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014843.D

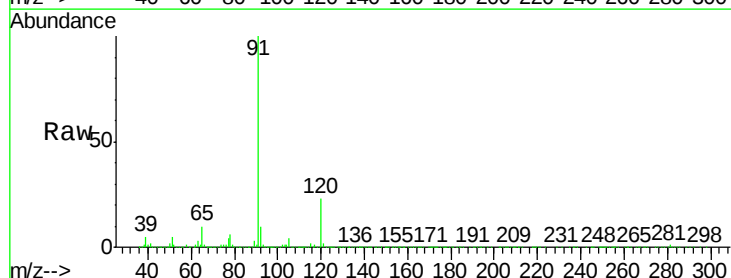
Acq: 06 Feb 2020 13:17

Tgt Ion: 91 Resp: 447588

Ion Ratio Lower Upper

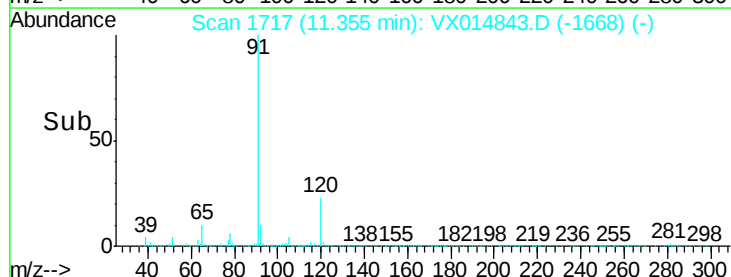
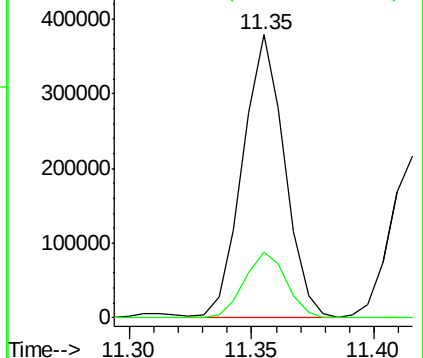
91 100

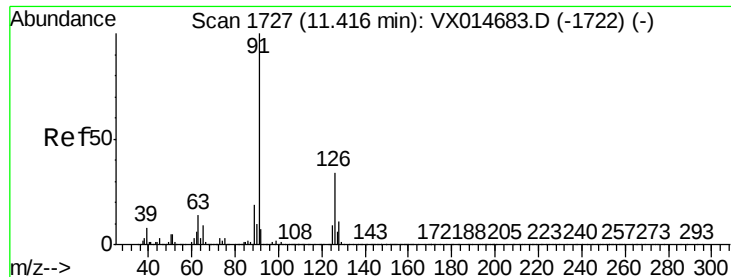
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

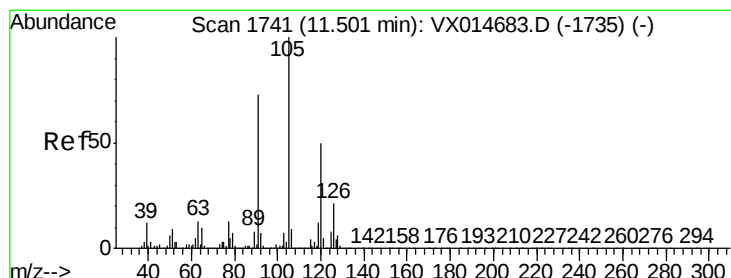
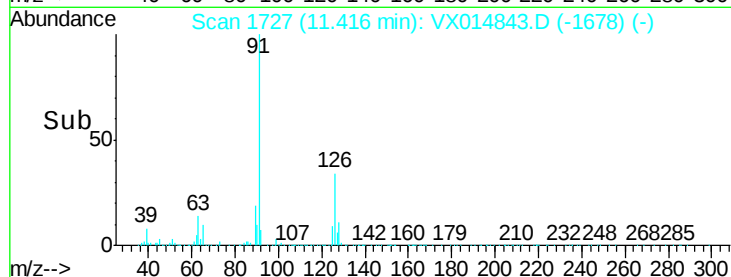
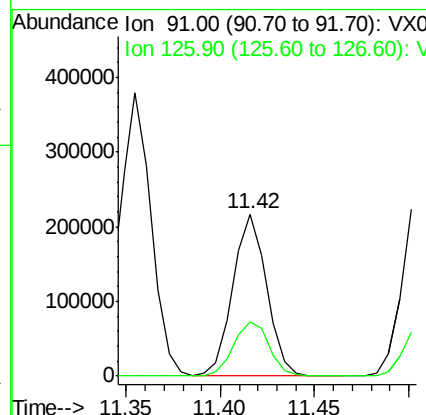
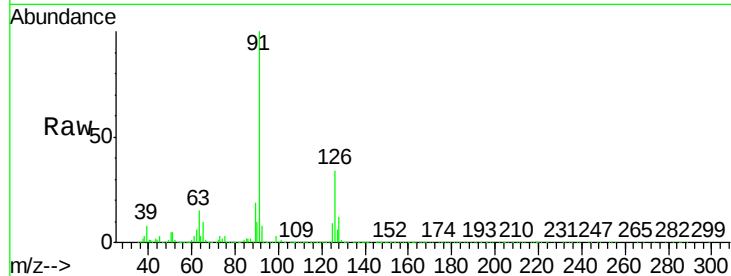




#79
 2-Chlorotoluene
 Concen: 19.33 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

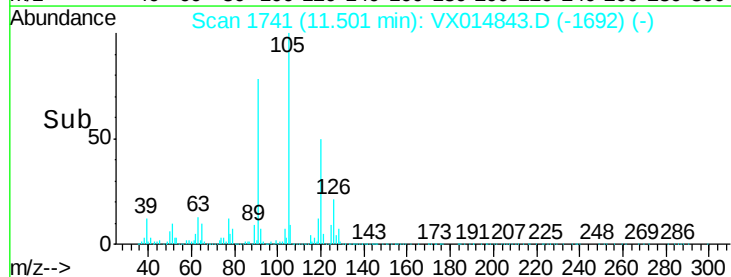
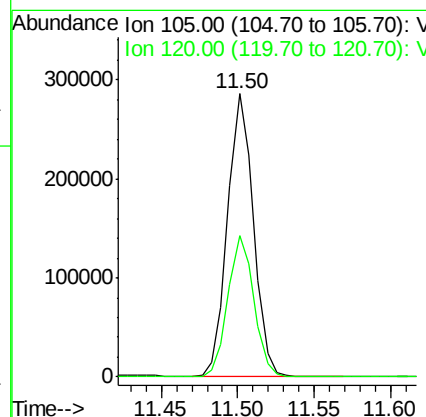
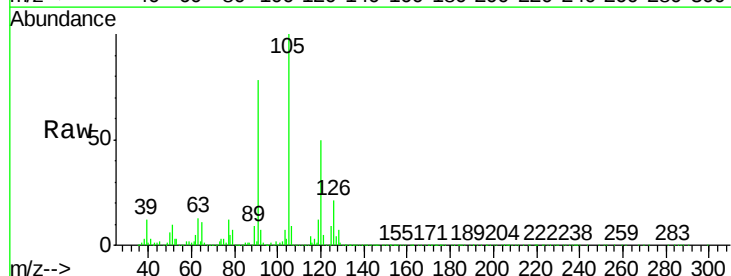
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

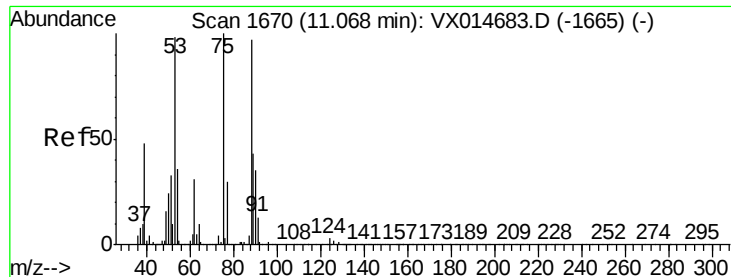
Tgt Ion: 91 Resp: 267840
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.01 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion: 105 Resp: 335037
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.76 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

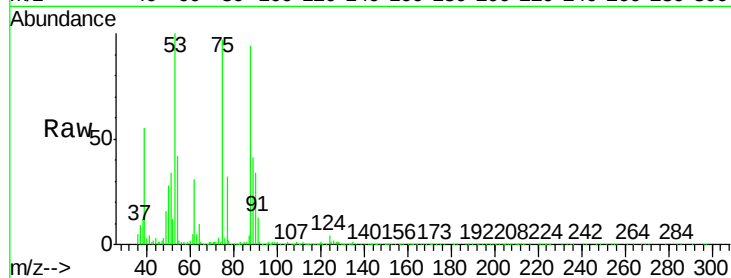
Tgt Ion: 75 Resp: 41640

Ion Ratio Lower Upper

75 100

53 101.6 78.8 118.2

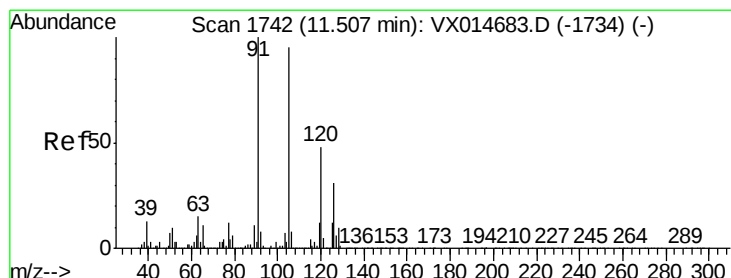
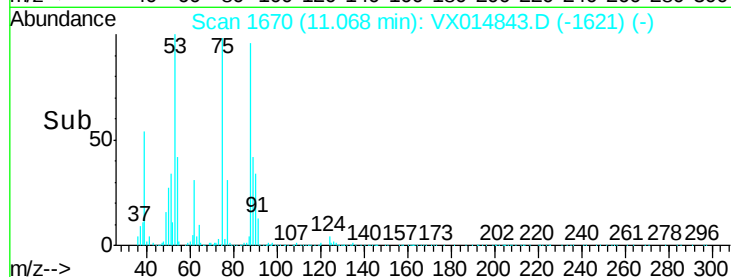
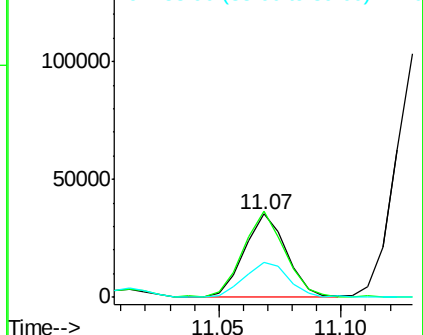
89 46.6 35.4 53.0



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: 19.40 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014843.D

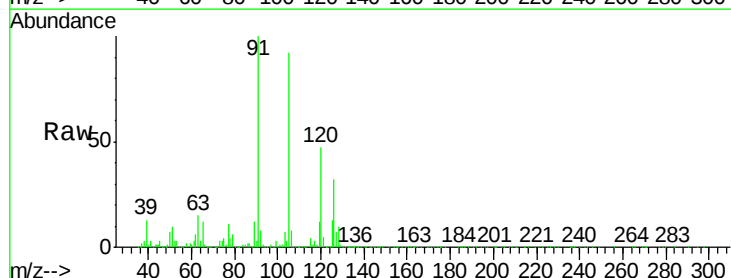
Acq: 06 Feb 2020 13:17

Tgt Ion: 91 Resp: 305968

Ion Ratio Lower Upper

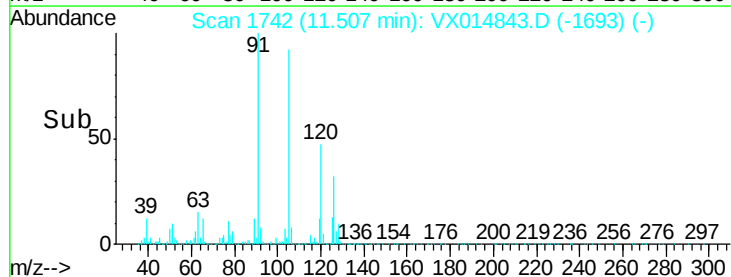
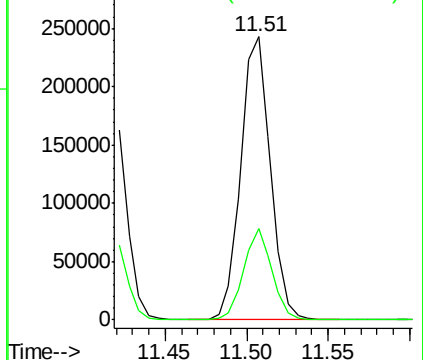
91 100

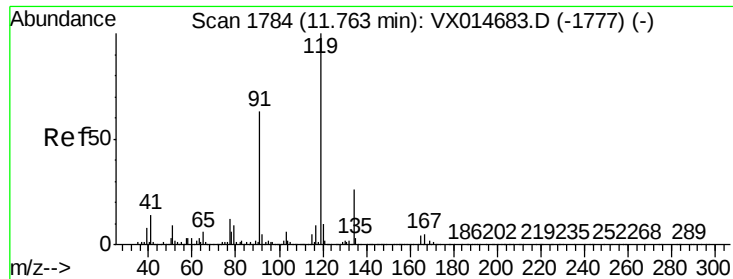
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

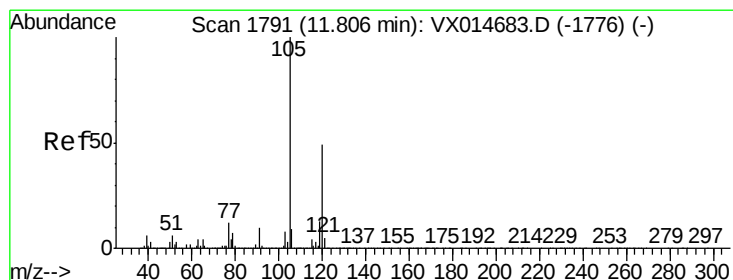
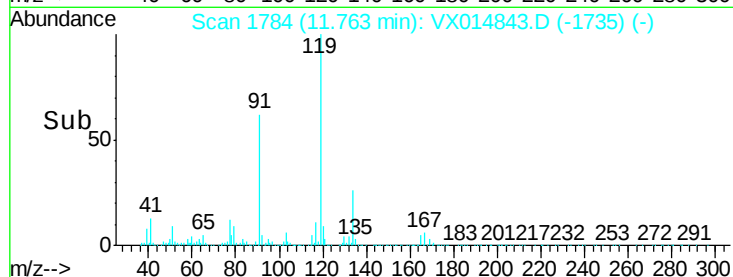
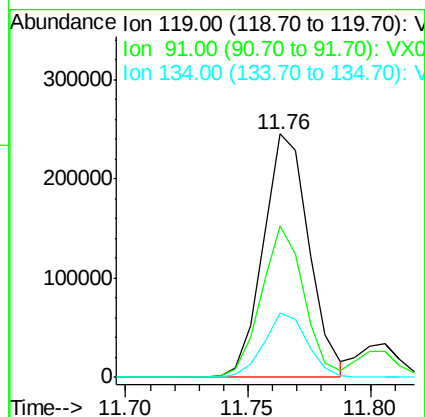
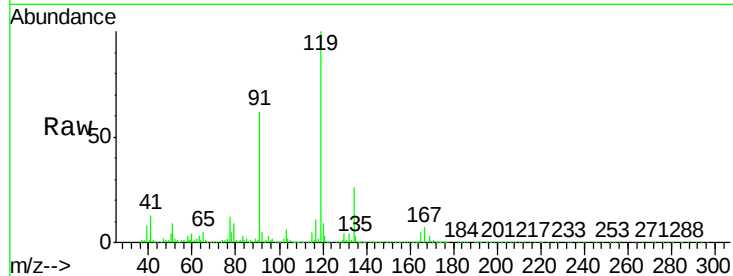




#83
 tert-Butylbenzene
 Concen: 20.25 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

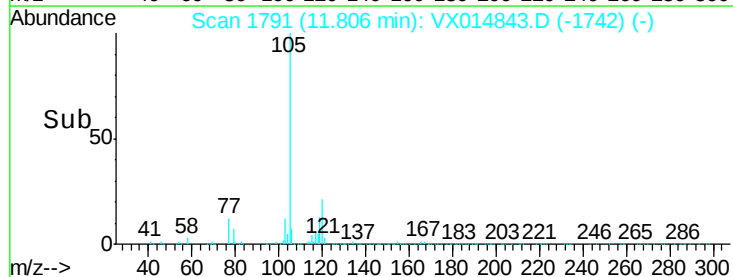
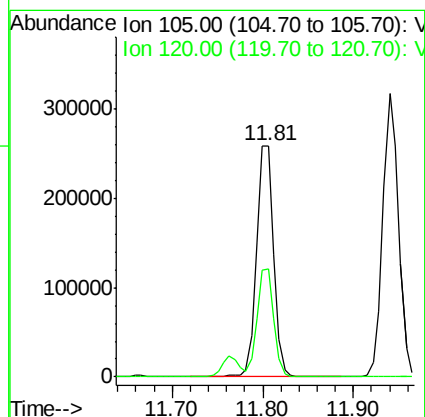
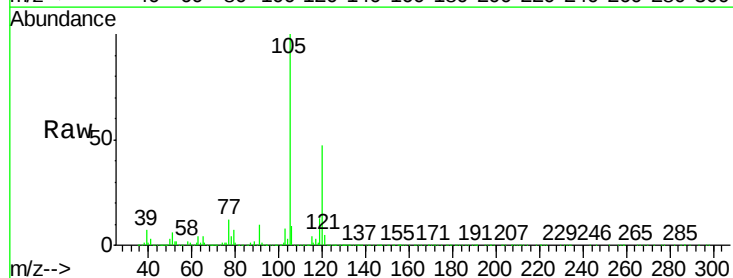
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

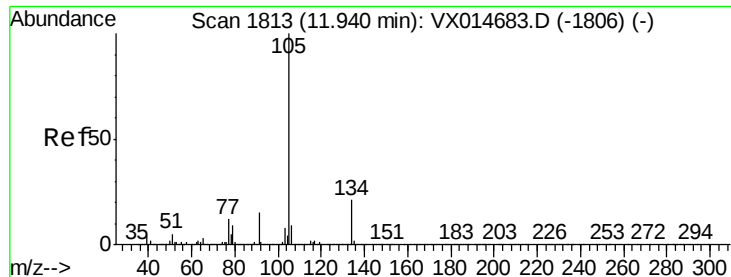
Tgt Ion:119 Resp: 318503
 Ion Ratio Lower Upper
 119 100
 91 57.7 30.0 90.0
 134 25.0 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.02 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion:105 Resp: 336111
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.0

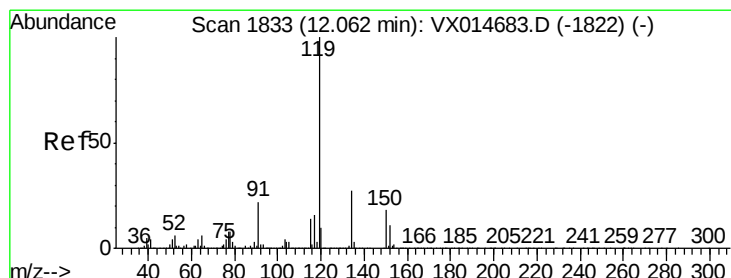
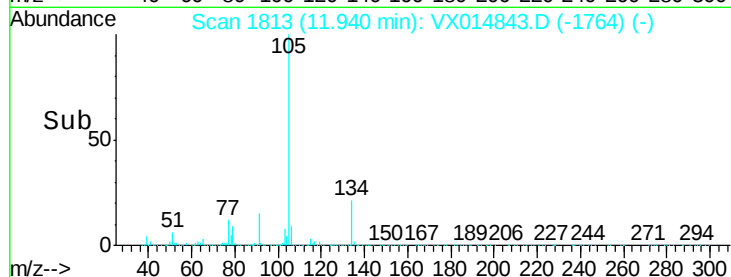
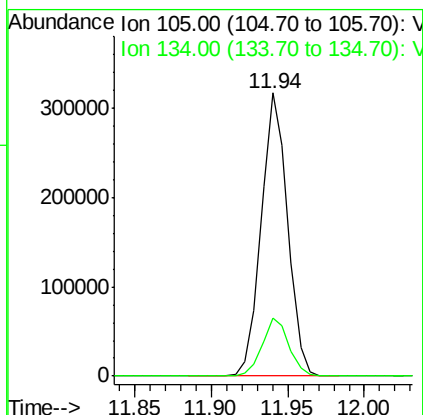
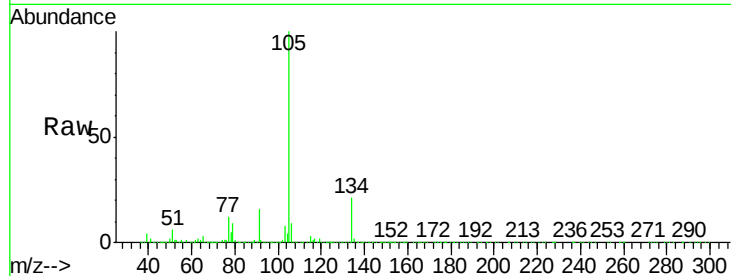




#85
 sec-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

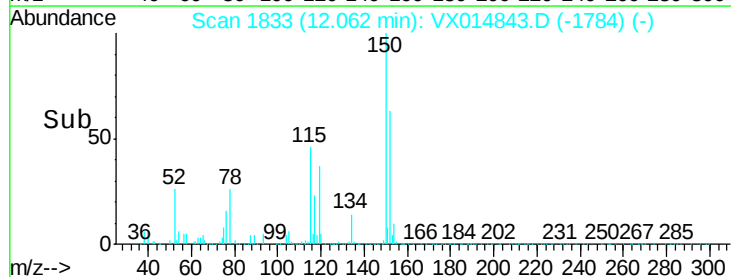
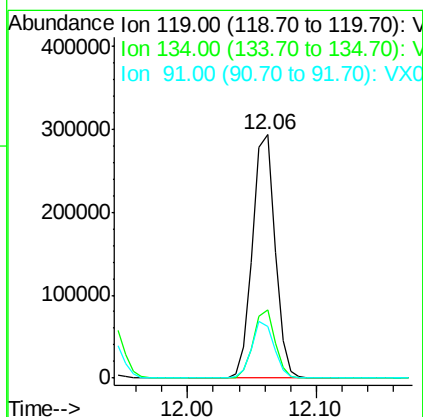
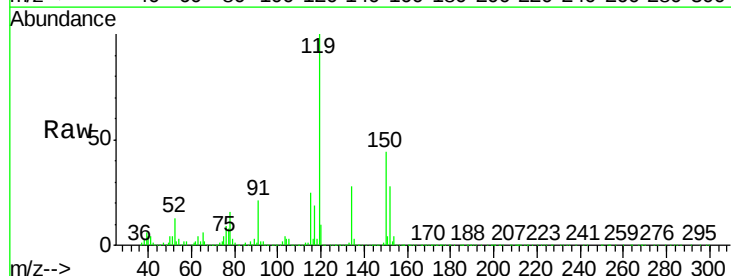
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

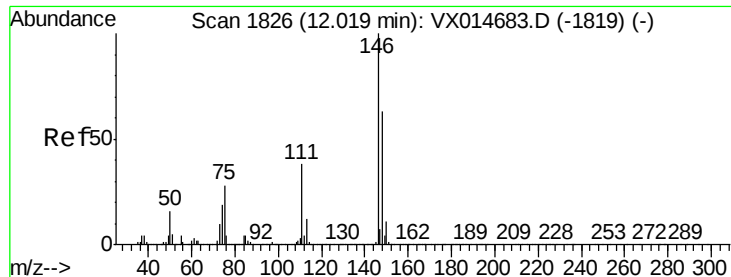
Tgt Ion:105 Resp: 382386
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.79 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion:119 Resp: 352370
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.75 ug/l

RT: 12.02 min Scan# 1826

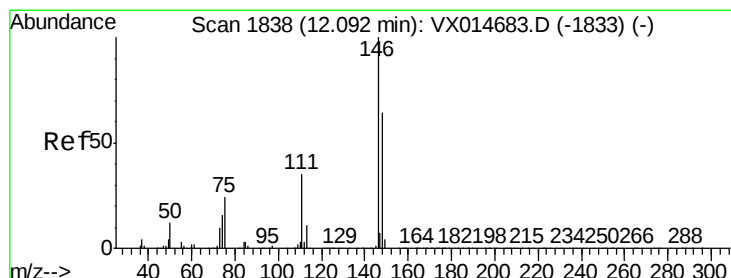
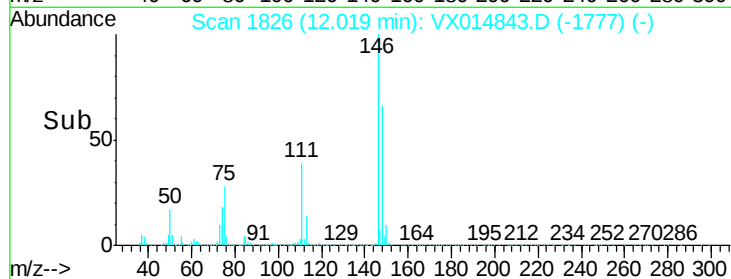
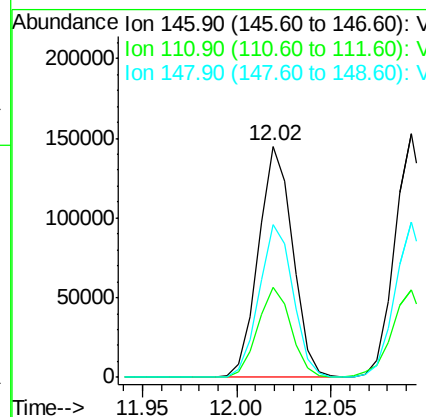
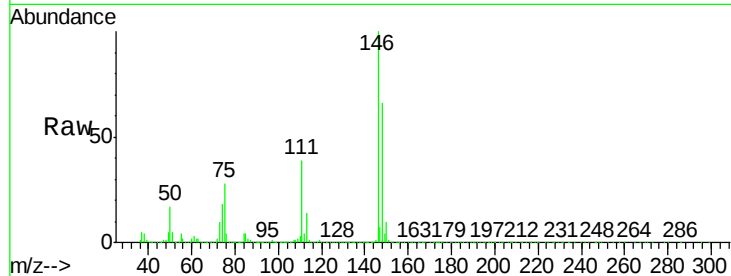
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	65.6	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 19.05 ug/l

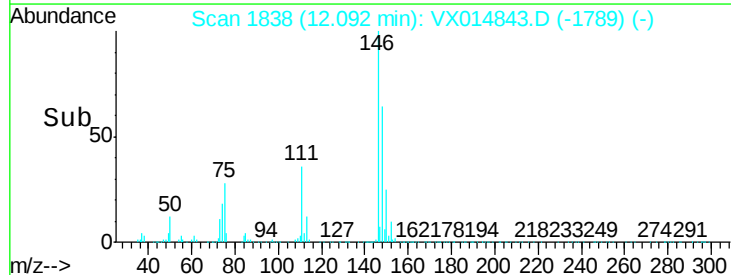
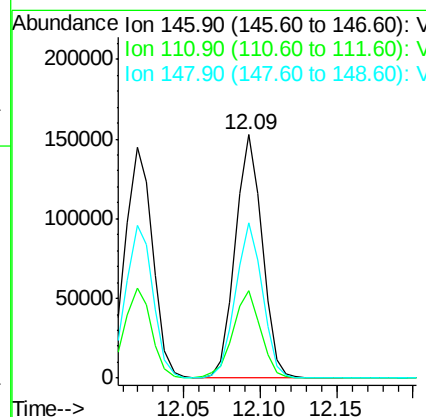
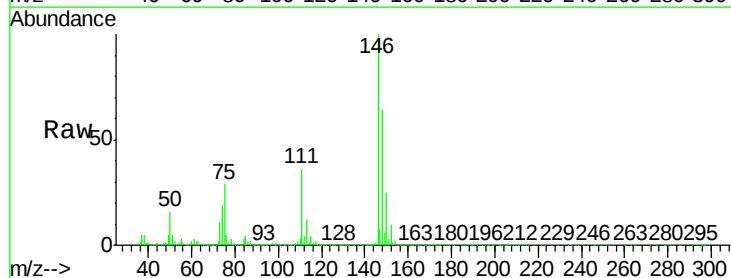
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.7	32.0	96.2





#89

n-Butylbenzene

Concen: 18.98 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

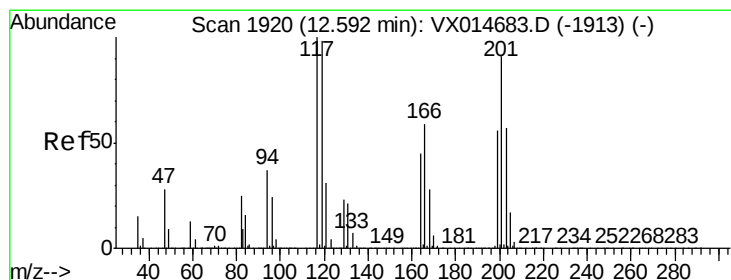
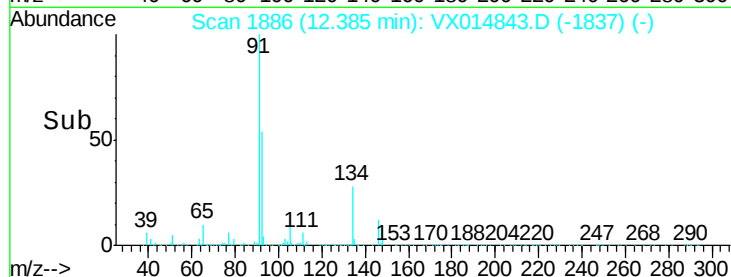
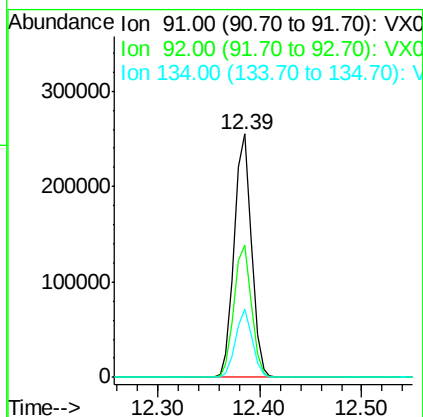
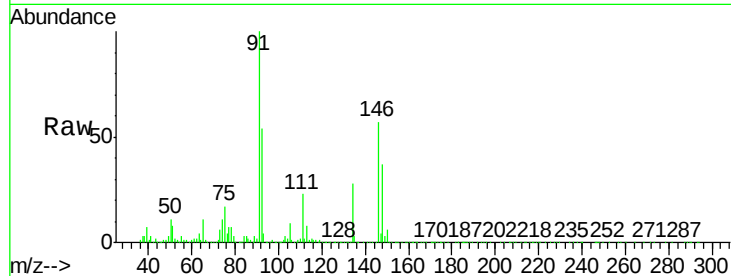
Tgt Ion: 91 Resp: 294422

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

134 27.4 13.3 39.8



#90

Hexachloroethane

Concen: 18.66 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014843.D

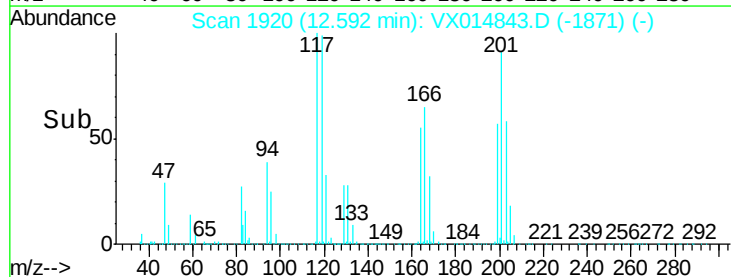
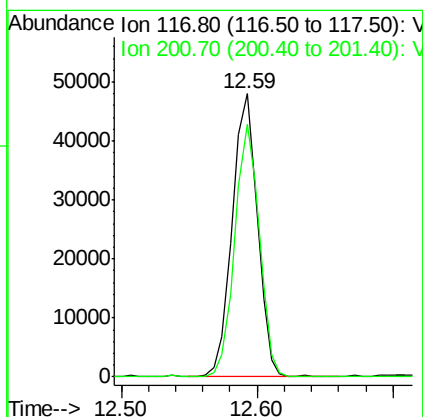
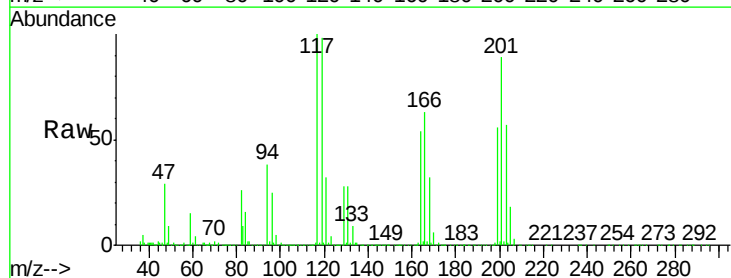
Acq: 06 Feb 2020 13:17

Tgt Ion: 117 Resp: 61716

Ion Ratio Lower Upper

117 100

201 87.4 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 19.42 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

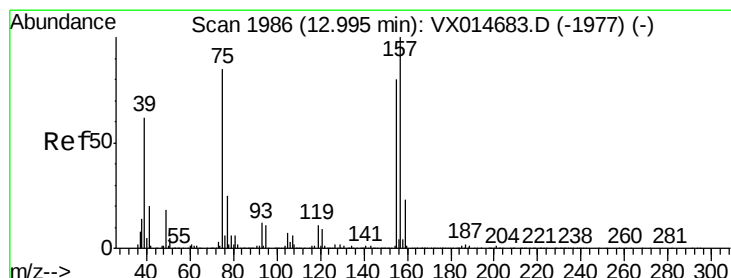
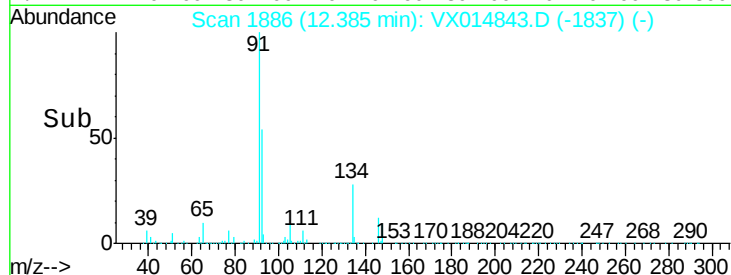
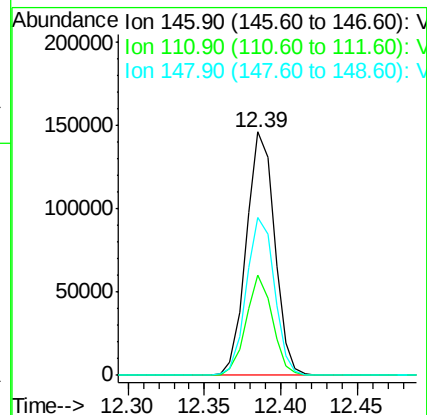
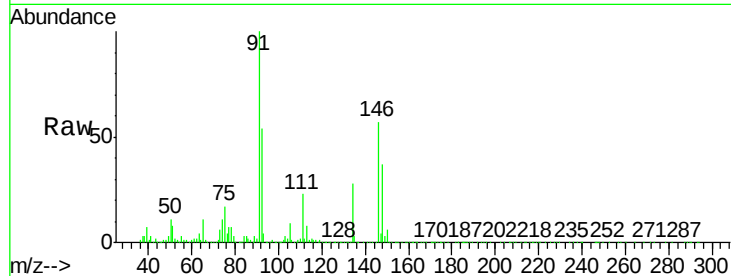
Tgt Ion:146 Resp: 187789

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

148 64.6 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.03 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

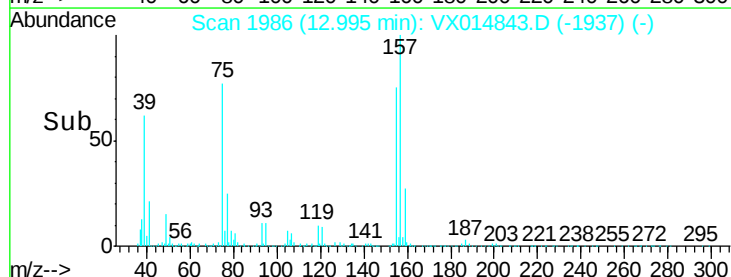
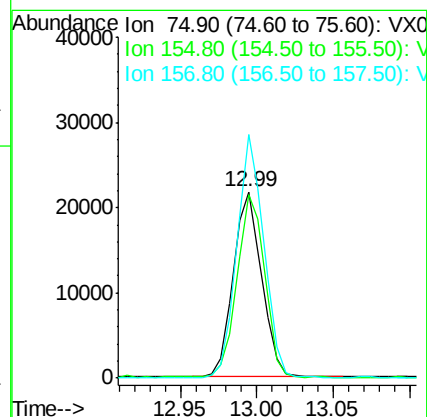
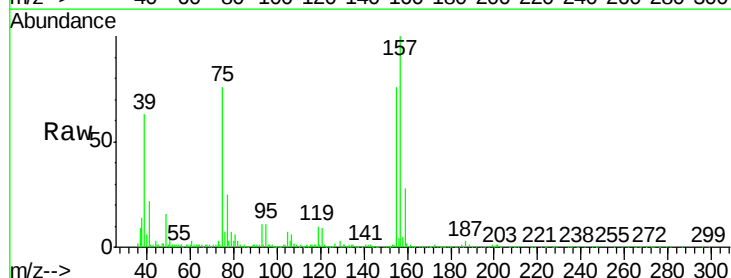
Tgt Ion: 75 Resp: 27894

Ion Ratio Lower Upper

75 100

155 95.8 45.6 136.9

157 125.6 60.3 180.9

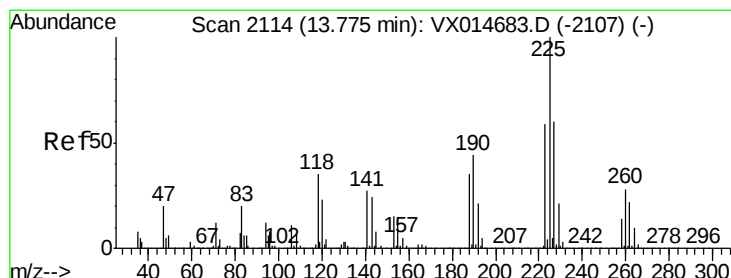
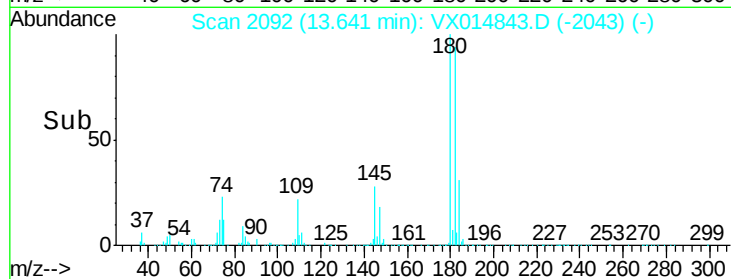
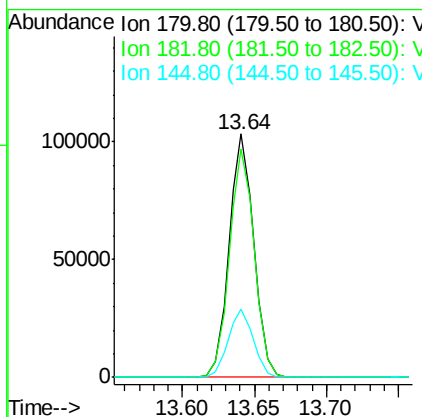
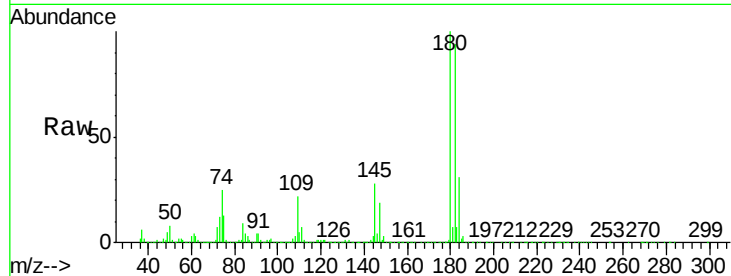




#93
 1,2,4-Trichlorobenzene
 Concen: 20.01 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

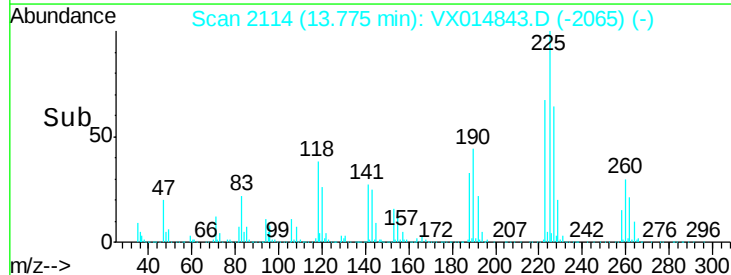
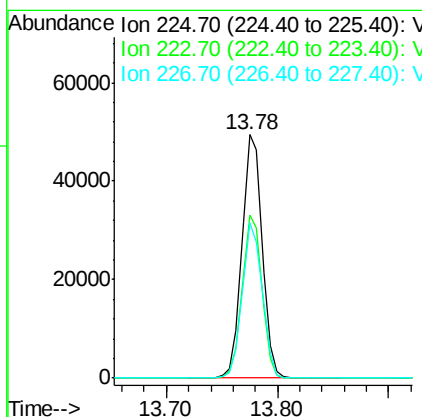
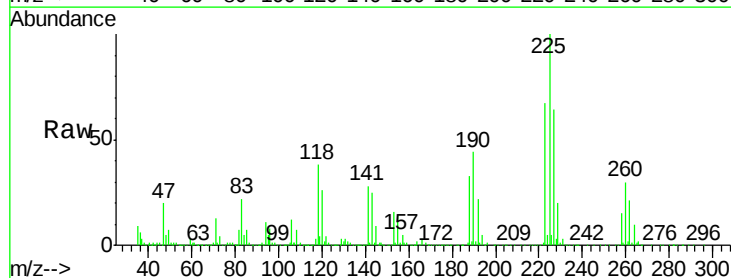
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

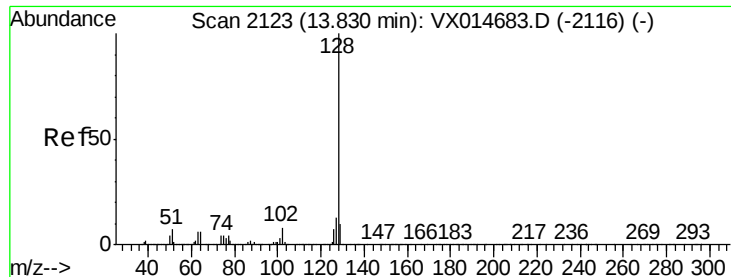
Tgt Ion:180 Resp: 124748
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.5 145.6
 145 28.5 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 19.38 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion:225 Resp: 62213
 Ion Ratio Lower Upper
 225 100
 223 65.7 30.6 91.8
 227 62.9 31.4 94.0

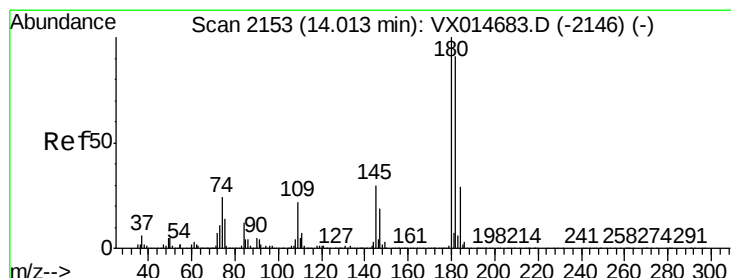
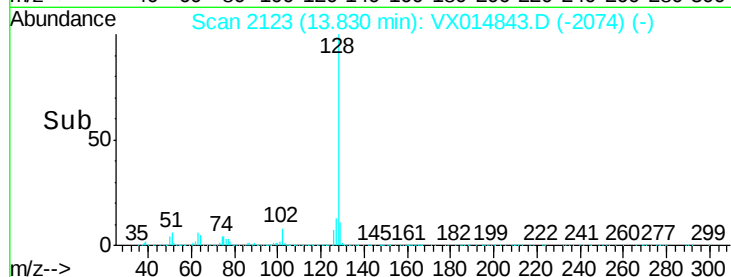
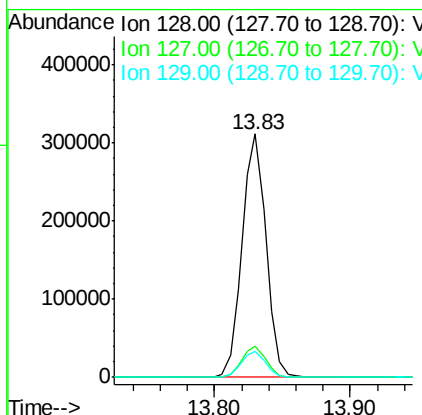
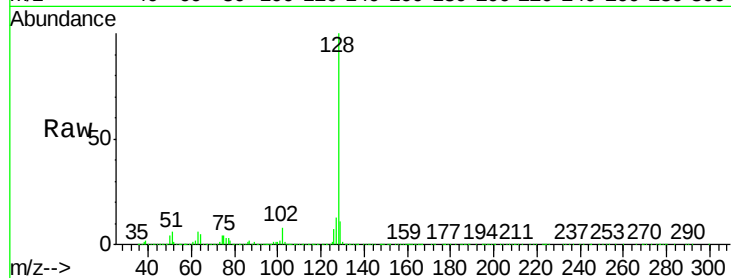




#95
Naphthalene
Concen: 19.61 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tgt Ion:128 Resp: 382679
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.27 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion:180 Resp: 127792
Ion Ratio Lower Upper
180 100
182 94.2 46.6 139.7
145 30.0 14.7 44.1

