

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020320\
 Data File : VX014794.D
 Acq On : 03 Feb 2020 14:17
 Operator : JC/SP
 Sample : VX0203WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

Quant Time: Feb 03 16:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	66725	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	358876	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	329836	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	147888	31.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.10%
60) 4-Bromofluorobenzene	11.13	95	157785	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	8.71	98	446162	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94366	20.46	ug/l	98
3) Chloromethane	1.32	50	97450	19.30	ug/l	97
4) Vinyl Chloride	1.40	62	109420	19.30	ug/l	100
5) Bromomethane	1.64	94	66746	18.87	ug/l	98
6) Chloroethane	1.72	64	61485	19.24	ug/l	99
7) Trichlorofluoromethane	1.92	101	127175	20.26	ug/l	99
8) Diethyl Ether	2.18	74	57591	21.01	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76371	20.80	ug/l	98
10) 1,1-Dichloroethene	2.37	96	73207	19.82	ug/l	99
11) Methyl Iodide	2.50	142	102181	20.63	ug/l	97
12) Methyl Acetate	2.76	43	145888	21.86	ug/l	97
13) Acrolein	2.28	56	64278	91.71	ug/l	99
14) Acrylonitrile	3.12	53	228383	100.03	ug/l	100
15) Acetone	2.43	58	75988	99.27	ug/l	81
16) Carbon Disulfide	2.56	76	190335	18.76	ug/l	99
17) Allyl chloride	2.72	41	131206	19.19	ug/l	92
18) Methylene Chloride	2.84	84	89199	20.63	ug/l	99
19) trans-1,2-Dichloroethene	3.15	96	79807	20.07	ug/l	97
20) Diisopropyl ether	3.84	45	278771	20.61	ug/l	95
21) 1,1-Dichloroethane	3.69	63	147721	20.10	ug/l	97
22) cis-1,2-Dichloroethene	4.58	96	90970	19.91	ug/l	97
23) tert-Butyl Alcohol	3.02	59	99089	104.94	ug/l #	100
24) Methyl tert-Butyl Ether	3.18	73	255644	20.80	ug/l	97
25) Chloroform	5.19	83	143920	20.22	ug/l	96
26) Cyclohexane	5.57	56	129556	19.12	ug/l #	100
29) 1,1-Dichloropropene	5.79	75	104579	19.87	ug/l	99
30) 2-Butanone	4.65	43	344126	103.22	ug/l	100
31) 2,2-Dichloropropane	4.57	77	117891	20.93	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	121998	20.95	ug/l	98
33) Carbon Tetrachloride	5.78	117	102782	20.56	ug/l	98
34) Benzene	6.13	78	332914	20.47	ug/l	99
35) Methacrylonitrile	5.03	41	64743	19.44	ug/l	94
36) 1,2-Dichloroethane	6.18	62	118969	21.02	ug/l	99
37) Trichloroethene	7.20	130	91833	20.62	ug/l	95
38) Methylcyclohexane	7.45	83	131019	19.99	ug/l	99
39) 1,2-Dichloropropane	7.50	63	85745	20.27	ug/l	98
40) Dibromomethane	7.65	93	58582	21.55	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	110090	20.68	ug/l	98
42) Vinyl Acetate	3.80	43	1046802	101.87	ug/l	99
43) Ethyl Acetate	4.81	43	126399	20.94	ug/l	97
44) Isopropyl Acetate	6.43	43	199891	20.53	ug/l	99
45) 1,4-Dioxane	7.73	88	40886	419.80	ug/l	99
46) Methyl methacrylate	7.76	41	97789	20.42	ug/l	95
47) n-amyl Acetate	10.89	43	166759	20.44	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	121289	20.87	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	134760	20.58	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	86055	20.81	ug/l	97
51) Ethyl methacrylate	9.17	69	130936	20.33	ug/l	99
52) 1,3-Dichloropropane	9.36	76	147491	21.05	ug/l	99
53) Dibromochloromethane	9.57	129	88243	20.86	ug/l	99
54) 1,2-Dibromoethane	9.67	107	92363	21.53	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	287012	96.98	ug/l	100
56) Bromoform	10.85	173	67858	20.83	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	643161	103.55	ug/l	99
59) 2-Hexanone	9.48	43	496089	103.27	ug/l	100
61) Tetrachloroethene	9.33	164	110942	22.76	ug/l	96
62) Toluene	8.78	91	356358	20.36	ug/l	99
64) Chlorobenzene	10.13	112	227038	20.78	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	83812	20.77	ug/l	98
66) Ethyl Benzene	10.25	91	388055	20.36	ug/l	97
67) m/p-Xylenes	10.35	106	296306	40.58	ug/l	100
68) o-Xylene	10.70	106	141503	19.90	ug/l	99
69) Styrene	10.71	104	245207	20.36	ug/l	99
70) Isopropylbenzene	11.01	105	381536	20.48	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	126586	20.18	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	151946	28.31	ug/l	96
73) Bromobenzene	11.25	156	100420	20.34	ug/l	98
74) n-propylbenzene	11.35	91	436094	20.49	ug/l	99
75) 2-Chlorotoluene	11.42	91	260400	20.41	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	316500	20.39	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41057	19.88	ug/l	94
78) 4-Chlorotoluene	11.51	91	292702	20.21	ug/l	98
79) tert-butylbenzene	11.76	119	288407	19.86	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	318742	20.59	ug/l	100
81) sec-Butylbenzene	11.94	105	366796	20.41	ug/l	98
82) p-Isopropyltoluene	12.06	119	335646	20.46	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	176044	20.42	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	176483	20.65	ug/l	100
85) n-Butylbenzene	12.38	91	279212	19.45	ug/l	100
86) Hexachloroethane	12.59	117	58603	19.92	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	177653	20.42	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27381	20.43	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	115320	20.09	ug/l	98
90) Hexachlorobutadiene	13.77	225	60511	21.09	ug/l	97
91) Naphthalene	13.83	128	348650	20.12	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	121715	20.83	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
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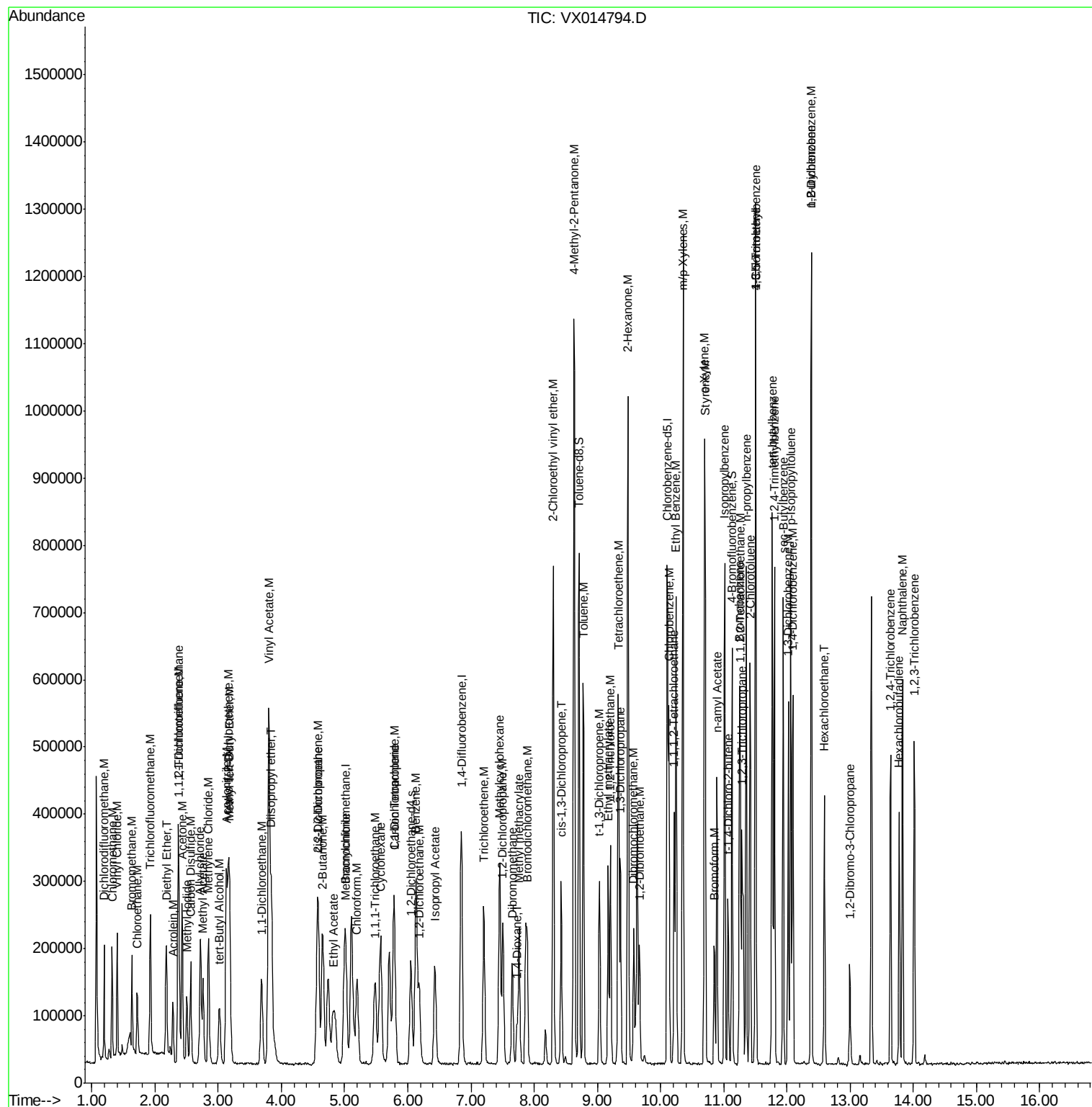
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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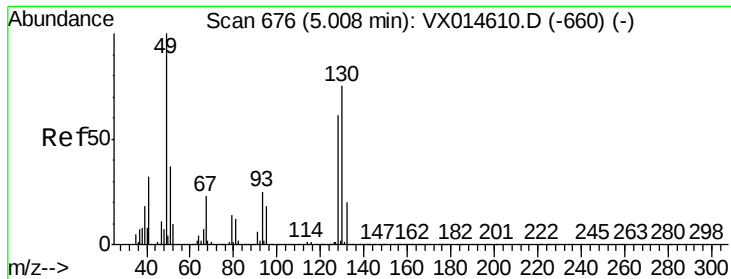
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Client Sample ID :
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Quant Time: Feb 03 16:35:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

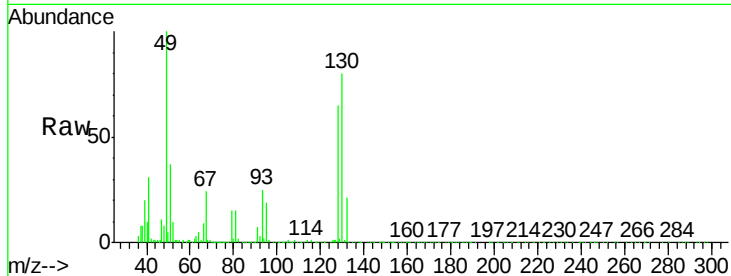
Tgt Ion:128 Resp: 66725

Ion Ratio Lower Upper

128 100

49 160.9 0.0 405.0

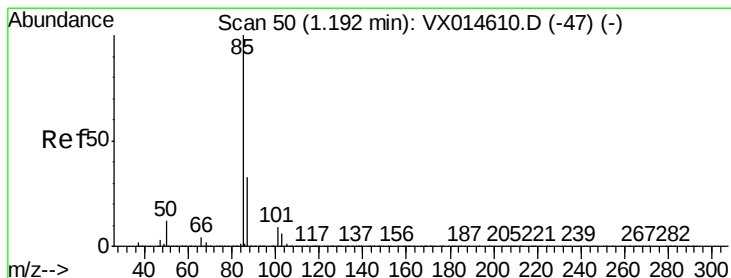
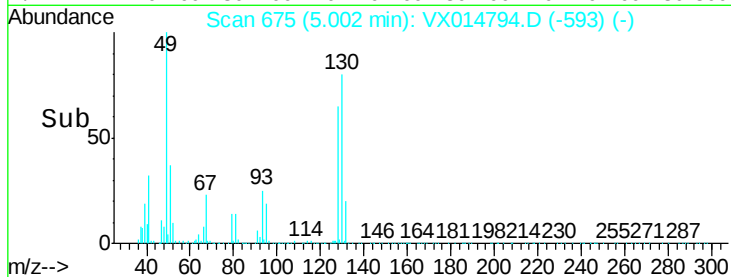
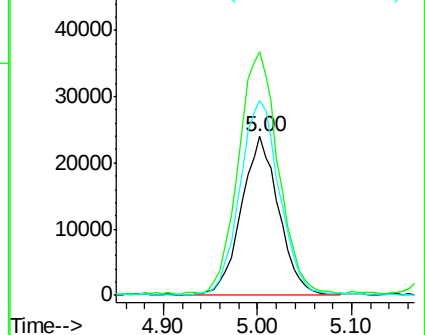
130 129.1 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.46 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014794.D

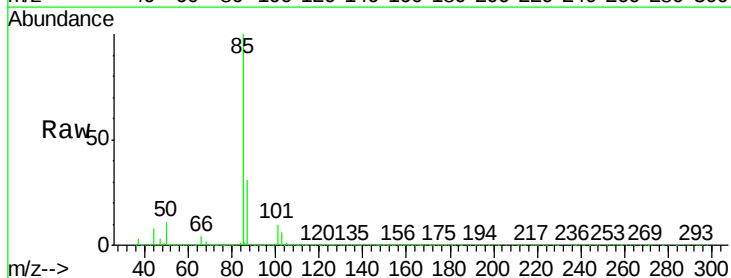
Acq: 03 Feb 2020 14:17

Tgt Ion: 85 Resp: 94366

Ion Ratio Lower Upper

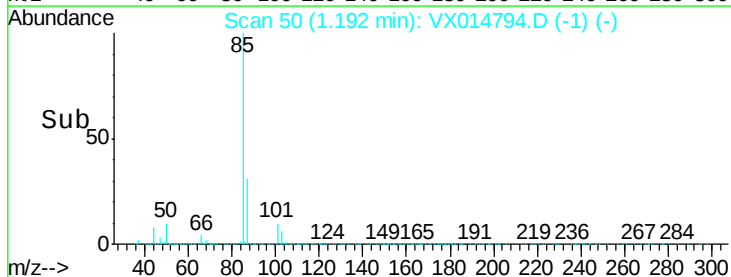
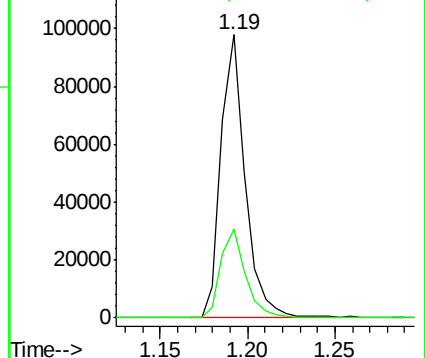
85 100

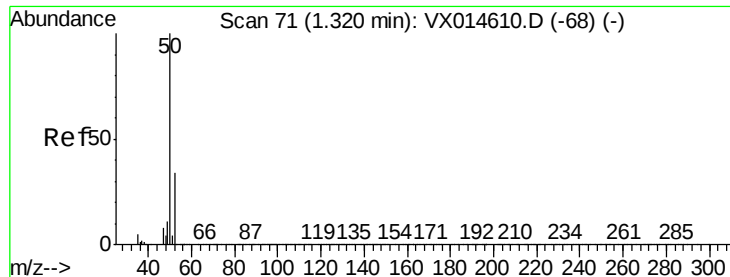
87 31.3 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.30 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

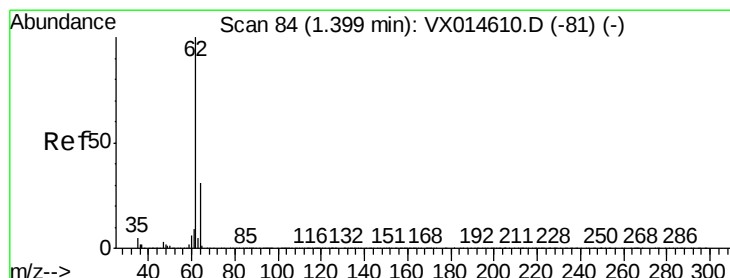
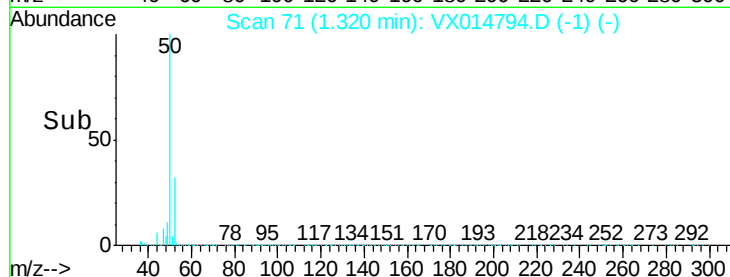
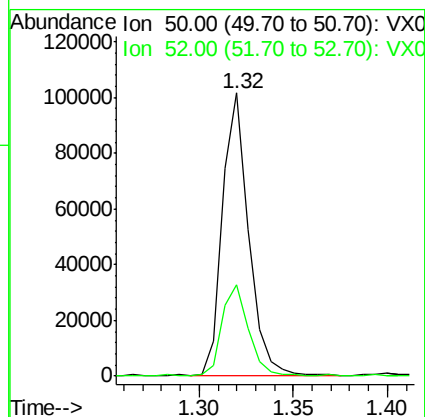
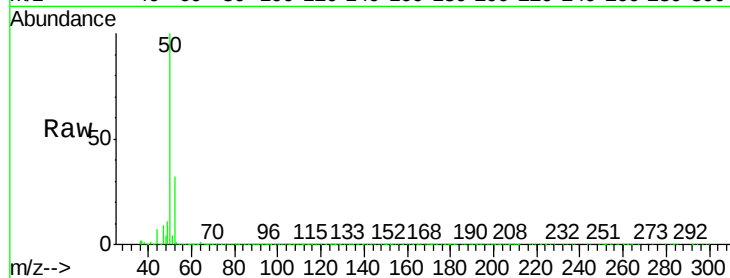
VX0203WBSD02

Tgt Ion: 50 Resp: 97450

Ion Ratio Lower Upper

50 100

52 32.0 24.3 36.5



#4

Vinyl Chloride

Concen: 19.30 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014794.D

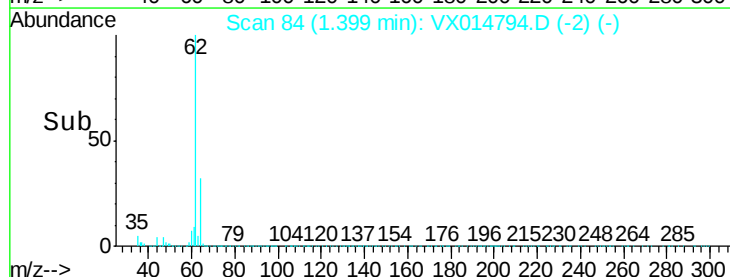
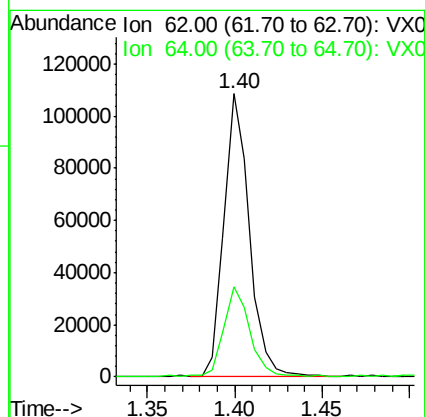
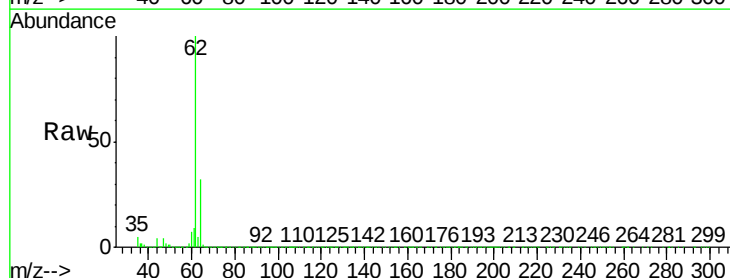
Acq: 03 Feb 2020 14:17

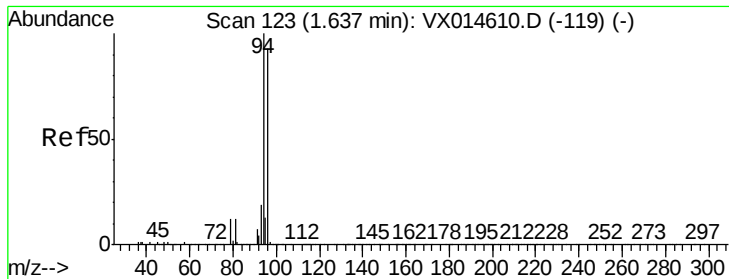
Tgt Ion: 62 Resp: 109420

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 18.87 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

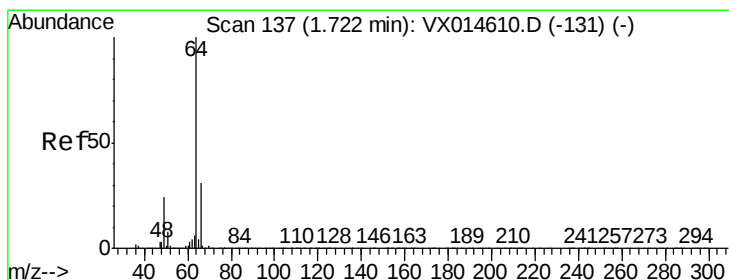
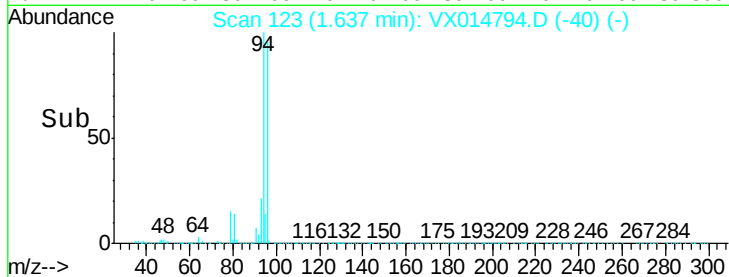
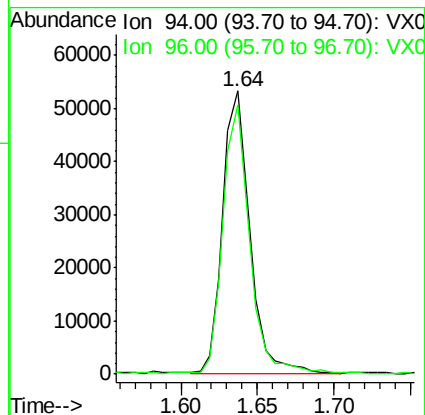
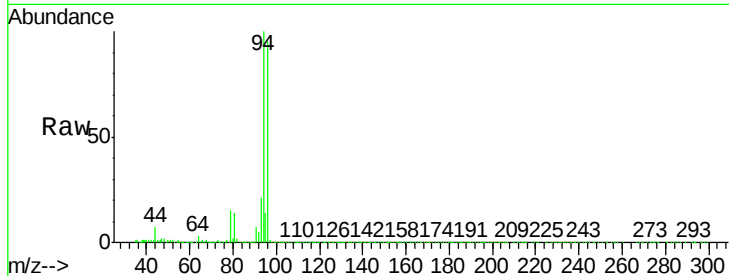
VX0203WBSD02

Tgt Ion: 94 Resp: 66746

Ion Ratio Lower Upper

94 100

96 94.5 74.4 111.6



#6

Chloroethane

Concen: 19.24 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014794.D

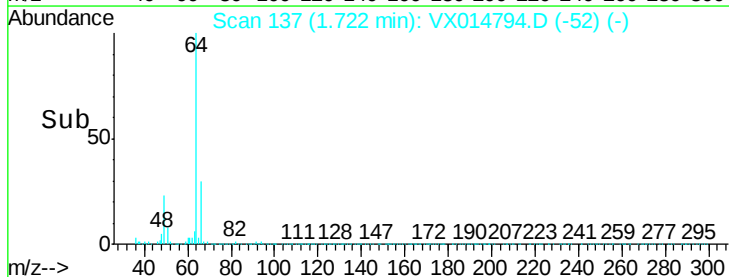
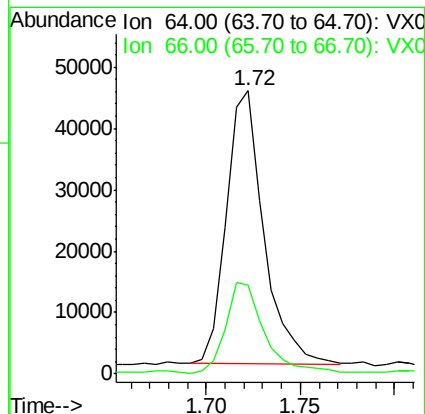
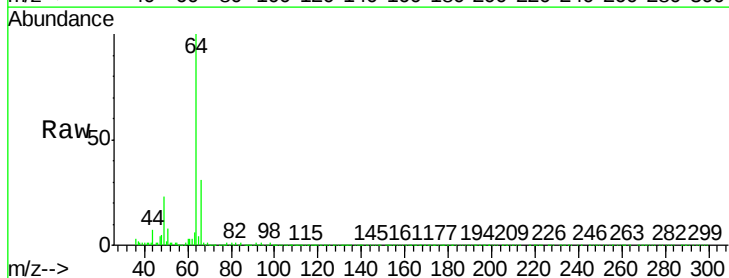
Acq: 03 Feb 2020 14:17

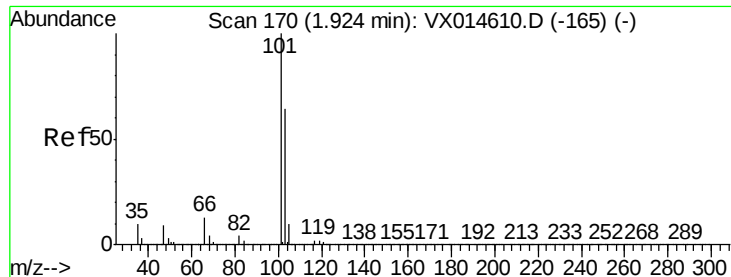
Tgt Ion: 64 Resp: 61485

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



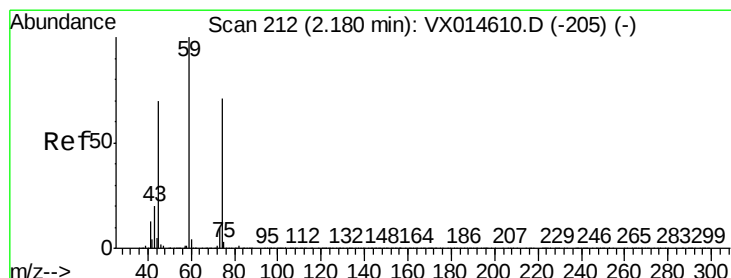
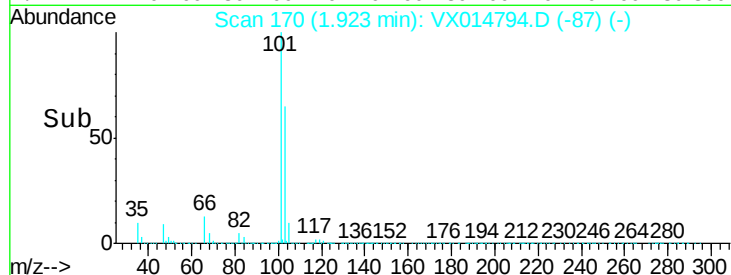
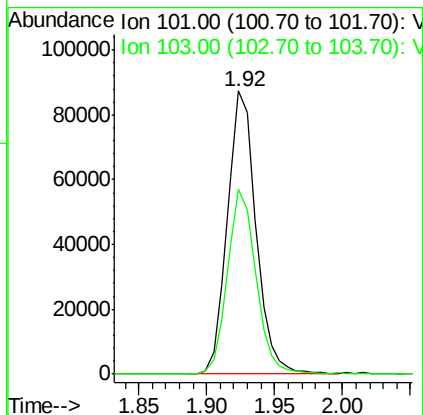
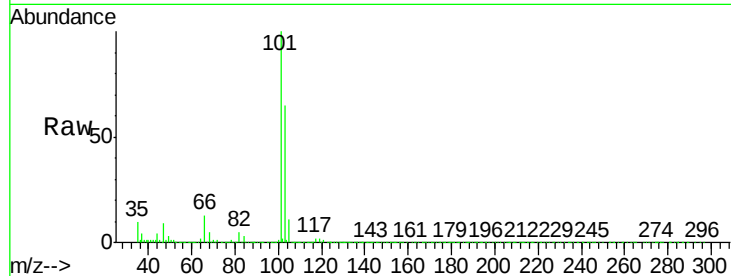


#7

Trichlorofluoromethane
Concen: 20.26 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

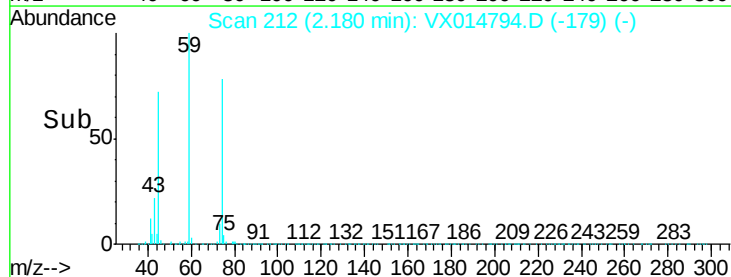
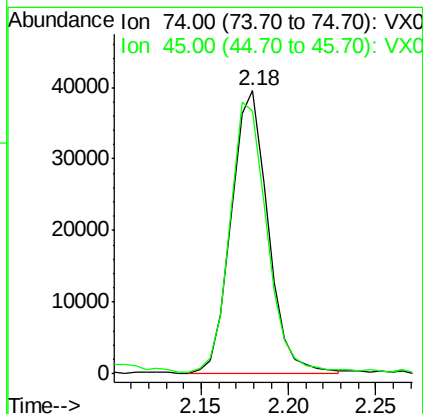
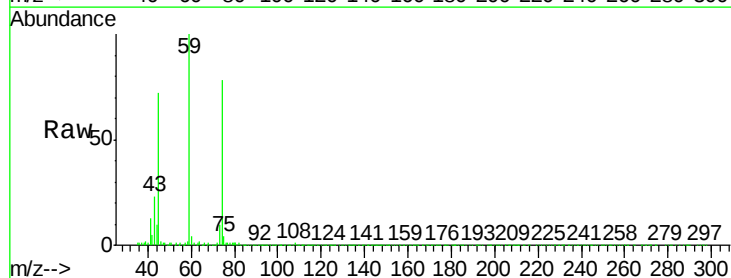
Tgt Ion:101 Resp: 127175
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

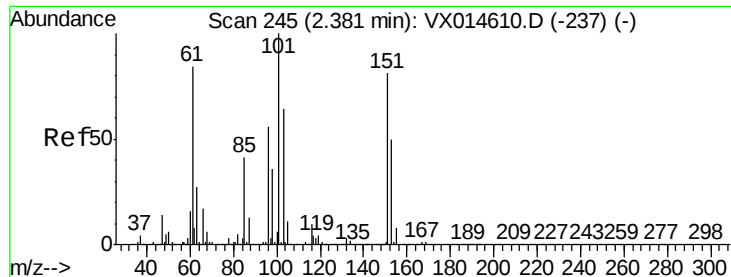


#8

Diethyl Ether
Concen: 21.01 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion: 74 Resp: 57591
Ion Ratio Lower Upper
74 100
45 95.6 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.80 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

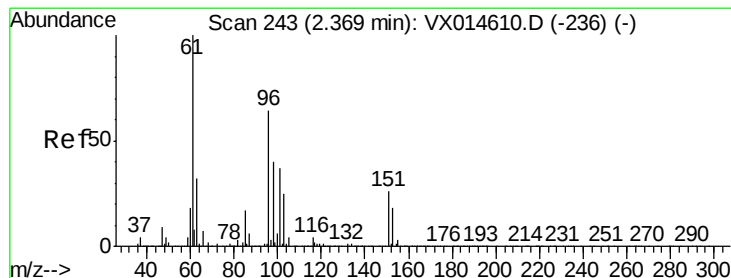
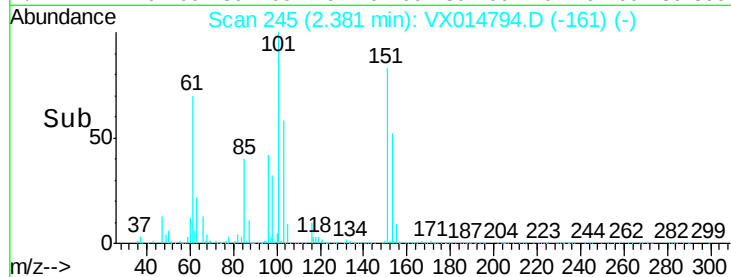
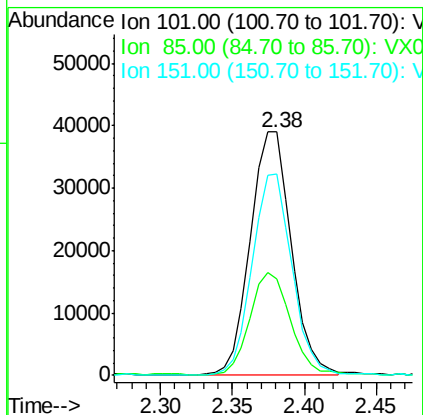
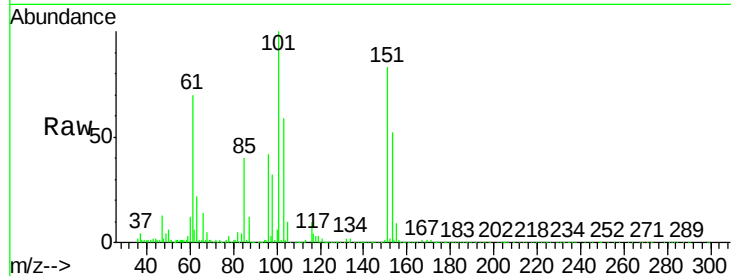
Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tgt Ion:	101	Resp:	76371
Ion	Ratio	Lower	Upper
101	100		
85	41.7	0.0	85.6
151	81.0	0.0	159.4



#10

1,1-Dichloroethene

Concen: 19.82 ug/l

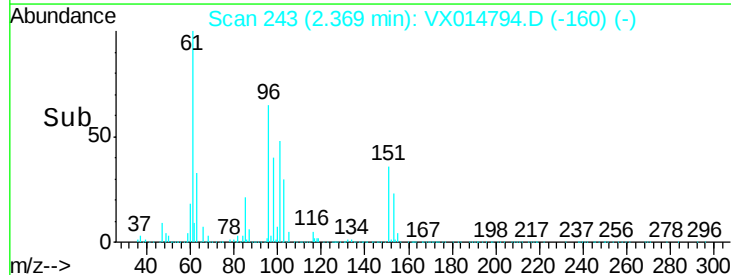
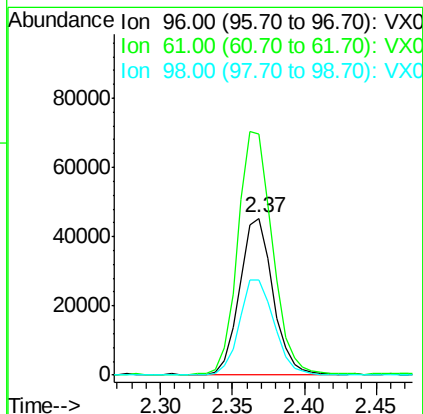
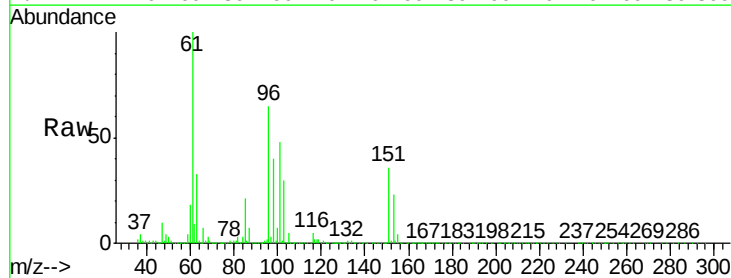
RT: 2.37 min Scan# 243

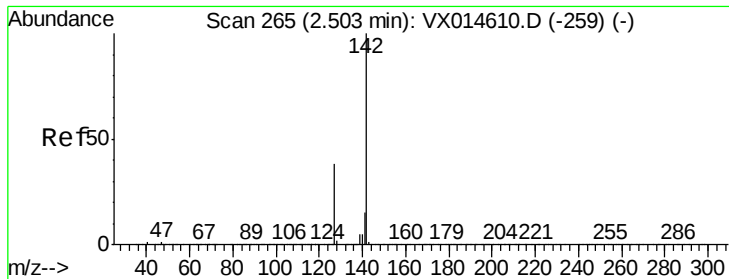
Delta R.T. 0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	96	Resp:	73207
Ion	Ratio	Lower	Upper
96	100		
61	153.9	123.0	184.6
98	60.6	51.4	77.0

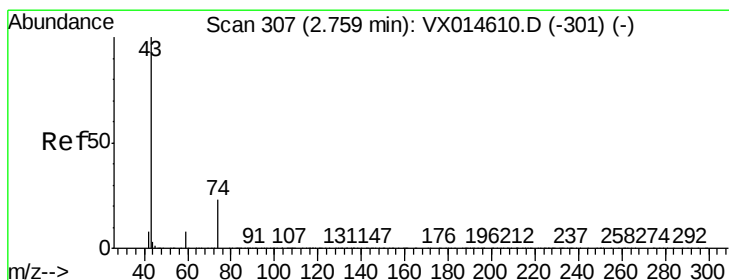
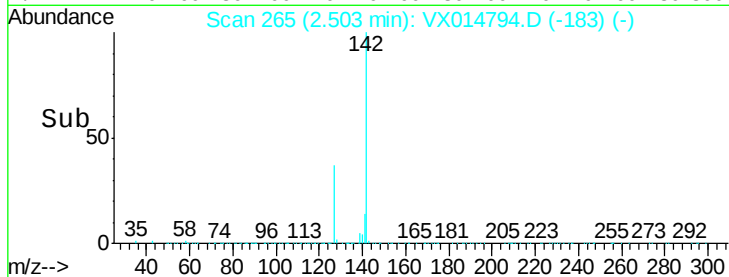
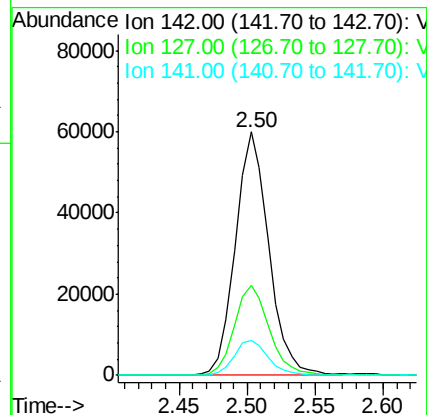
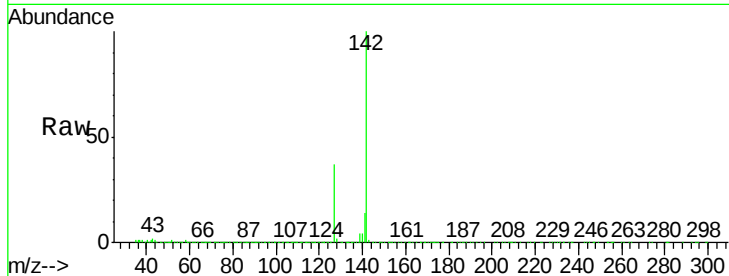




#11
Methyl Iodide
Concen: 20.63 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

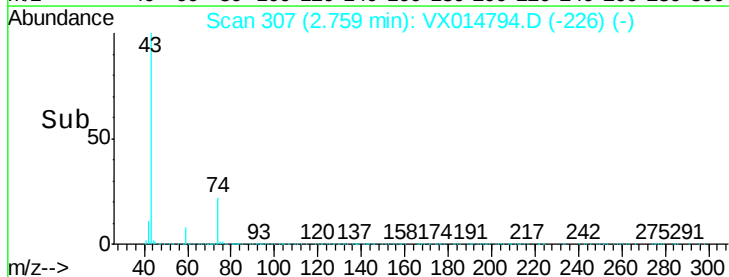
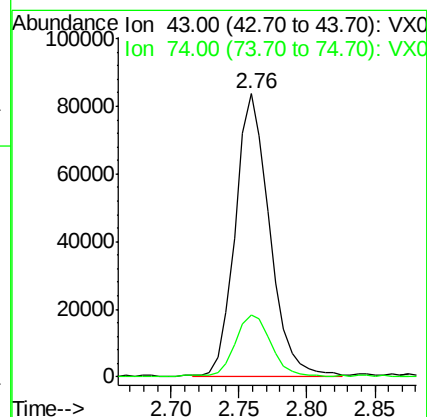
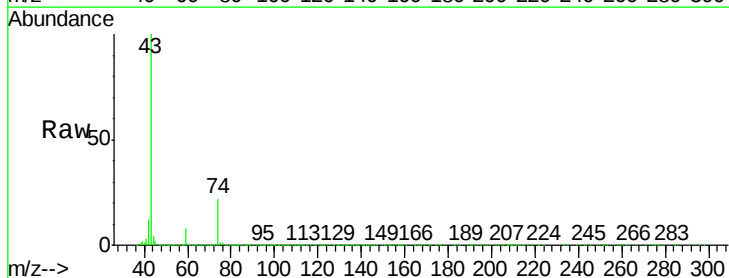
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

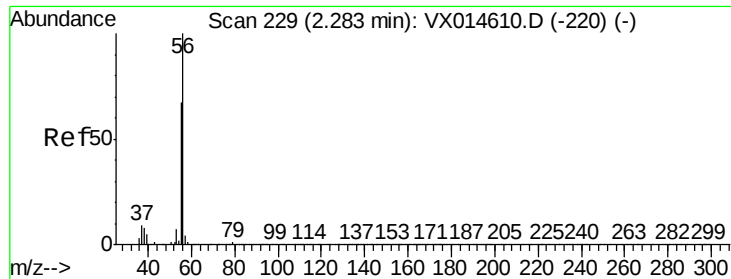
Tgt Ion: 142 Resp: 102181
Ion Ratio Lower Upper
142 100
127 36.7 19.5 58.5
141 14.1 7.0 20.9



#12
Methyl Acetate
Concen: 21.86 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion: 43 Resp: 145888
Ion Ratio Lower Upper
43 100
74 21.5 18.5 27.7





#13

Acrolein

Concen: 91.71 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

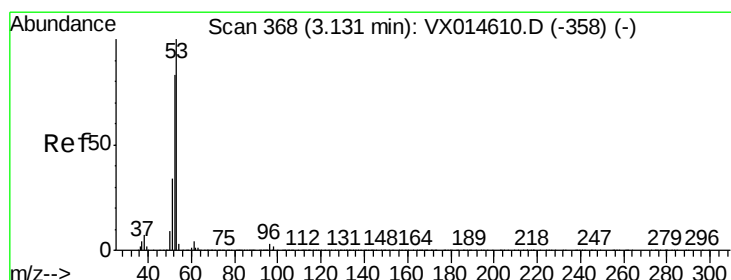
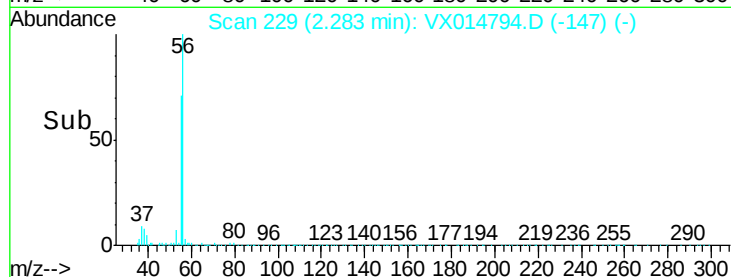
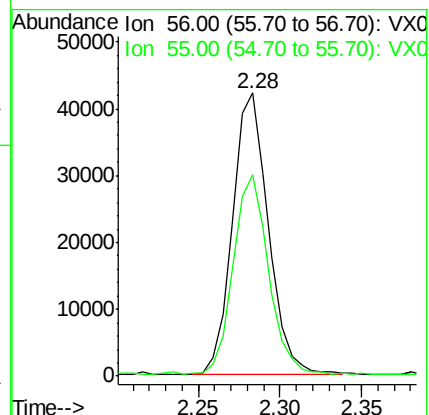
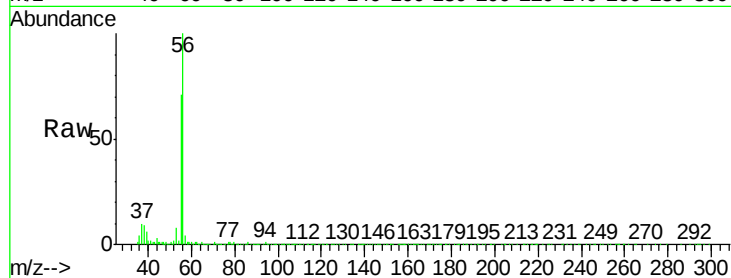
VX0203WBSD02

Tgt Ion: 56 Resp: 64278

Ion Ratio Lower Upper

56 100

55 69.8 54.9 82.3



#14

Acrylonitrile

Concen: 100.03 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

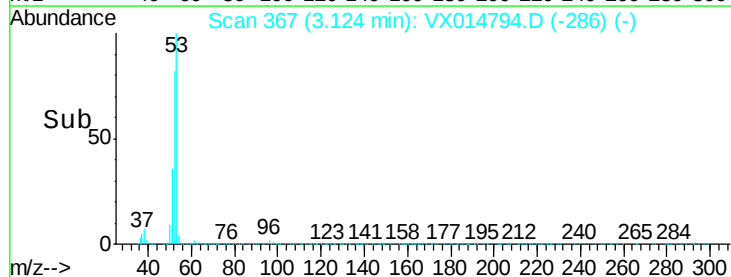
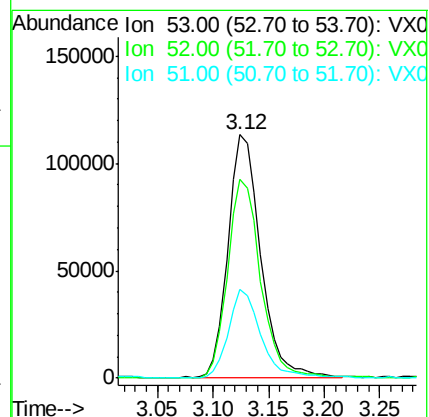
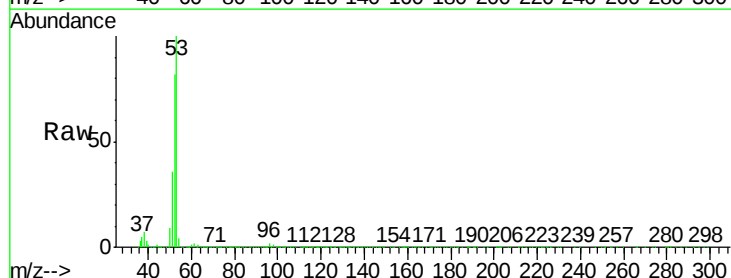
Tgt Ion: 53 Resp: 228383

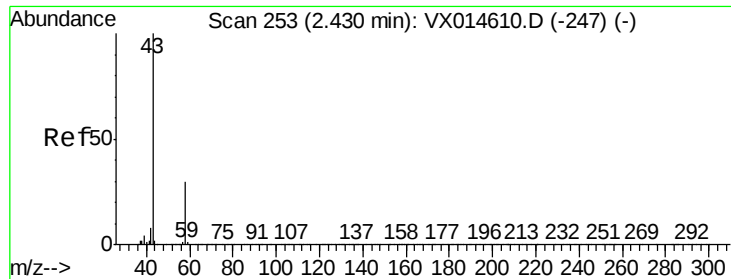
Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 99.27 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

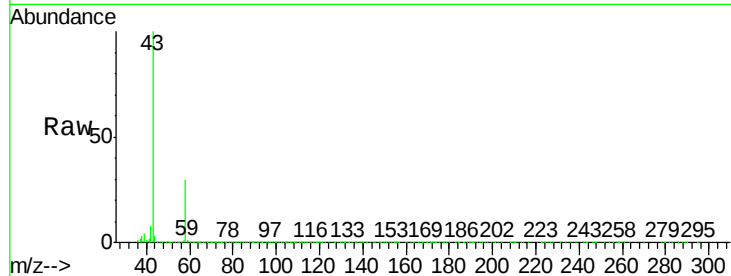
VX0203WBSD02

Tgt Ion: 58 Resp: 75988

Ion Ratio Lower Upper

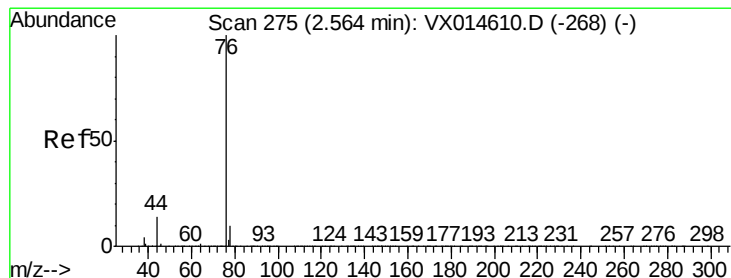
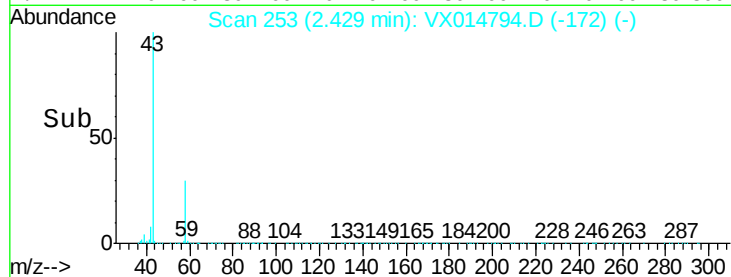
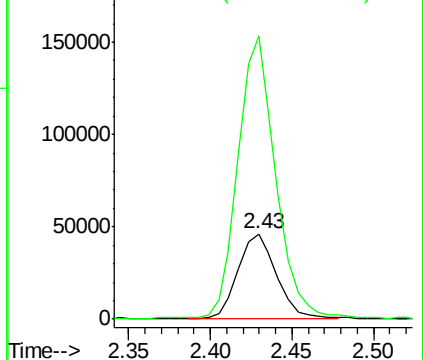
58 100

43 333.0 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.76 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014794.D

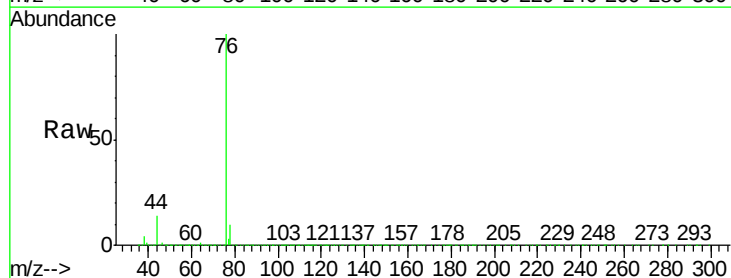
Acq: 03 Feb 2020 14:17

Tgt Ion: 76 Resp: 190335

Ion Ratio Lower Upper

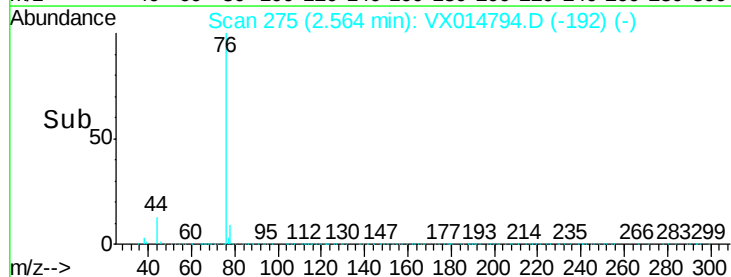
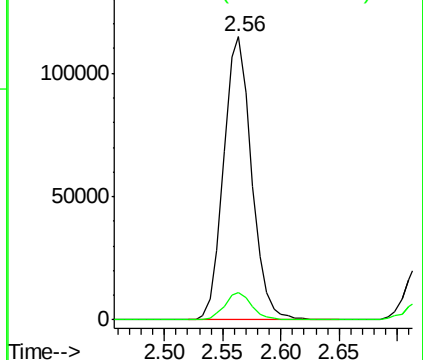
76 100

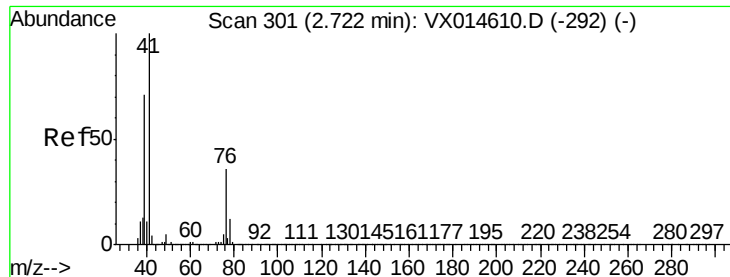
78 9.5 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 19.19 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

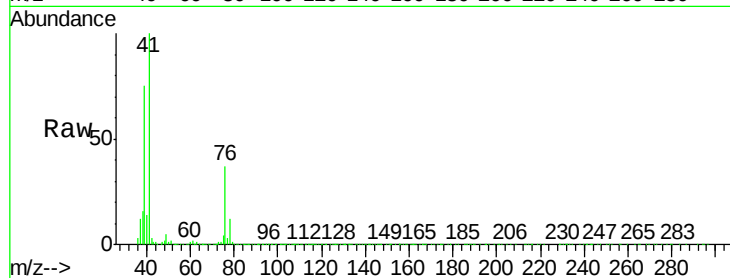
Tgt Ion: 41 Resp: 131206

Ion Ratio Lower Upper

41 100

39 74.9 33.4 100.2

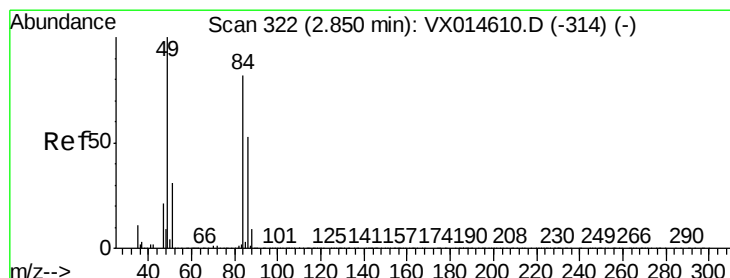
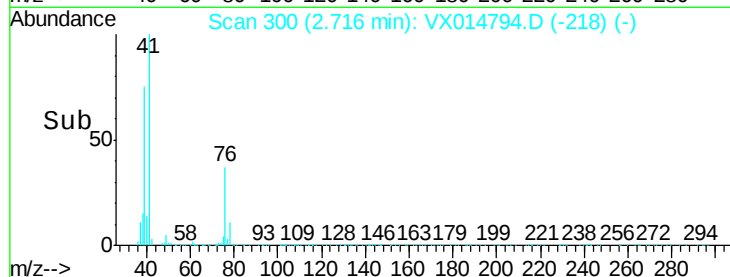
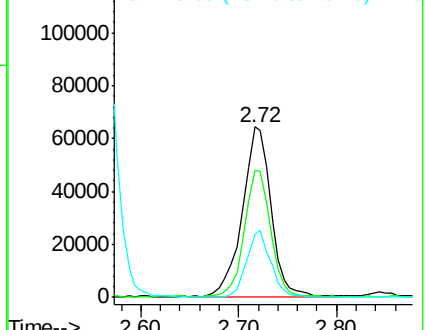
76 36.7 17.0 50.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 20.63 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion: 84 Resp: 89199

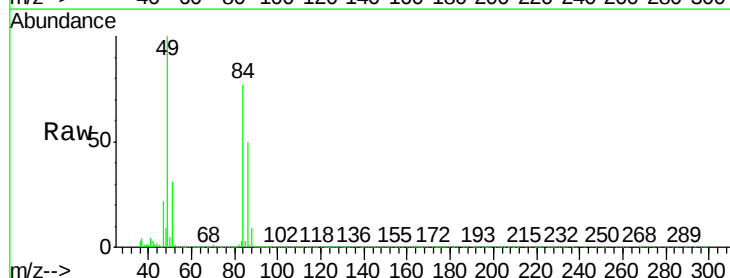
Ion Ratio Lower Upper

84 100

49 128.8 102.2 153.2

51 38.9 31.4 47.0

86 64.7 50.8 76.2

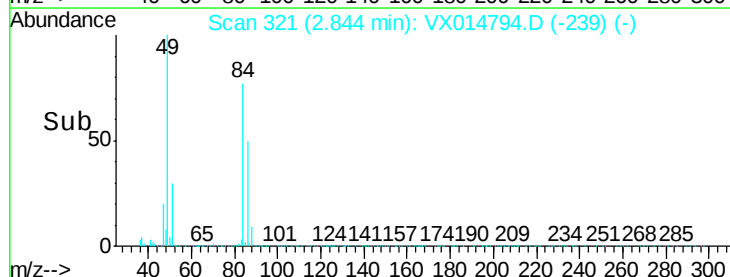
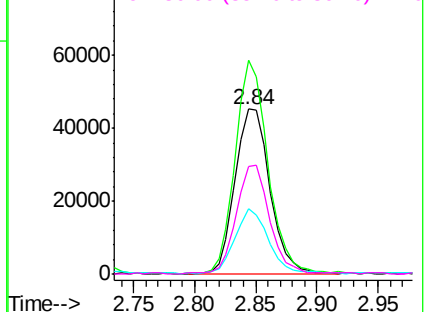


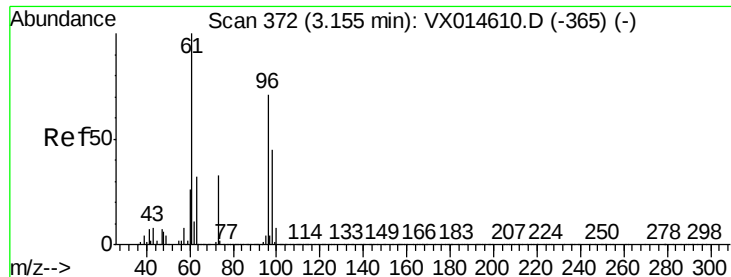
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 20.07 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

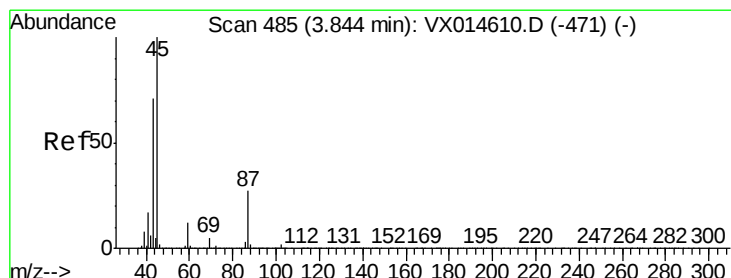
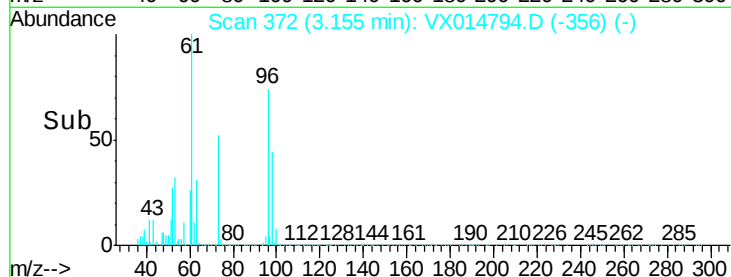
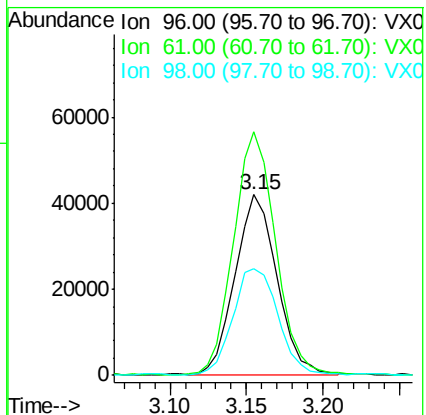
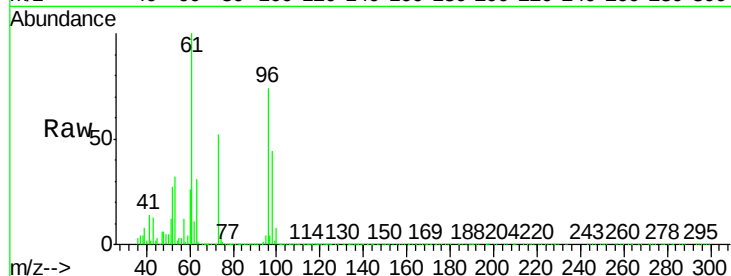
Tgt Ion: 96 Resp: 79807

Ion Ratio Lower Upper

96 100

61 134.9 106.6 159.8

98 59.0 51.6 77.4



#20

Diisopropyl ether

Concen: 20.61 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion: 45 Resp: 278771

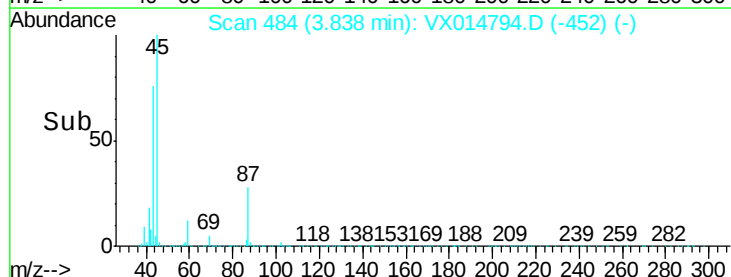
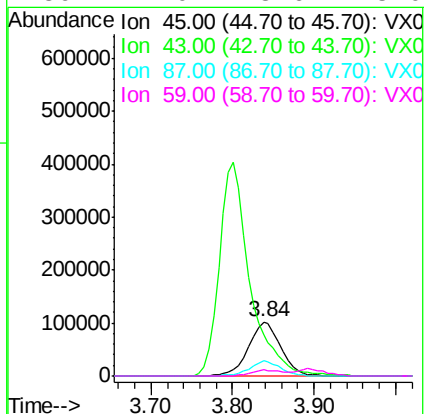
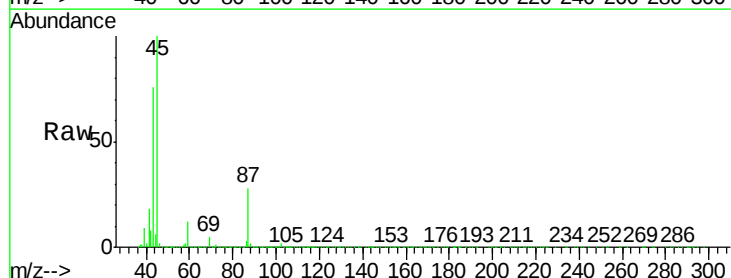
Ion Ratio Lower Upper

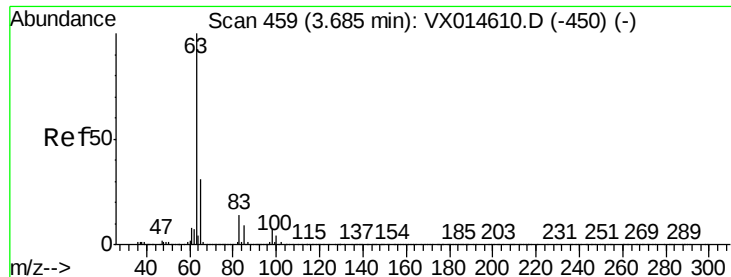
45 100

43 75.4 55.9 83.9

87 28.0 22.2 33.2

59 12.0 8.6 13.0

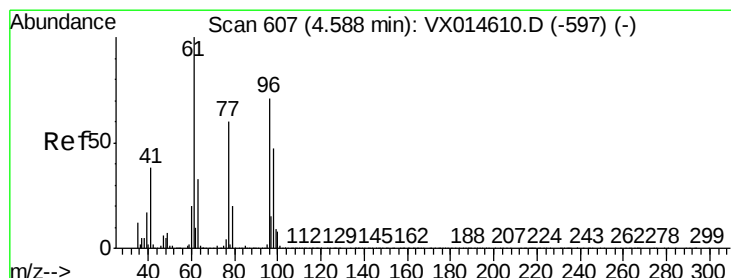
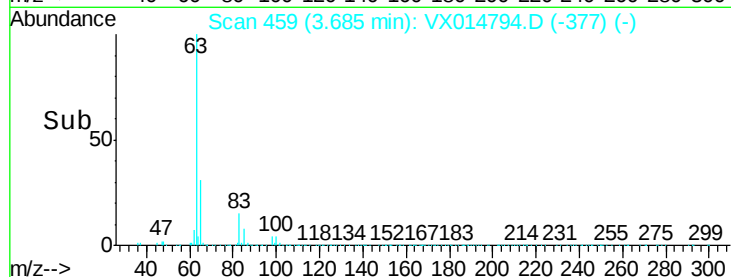
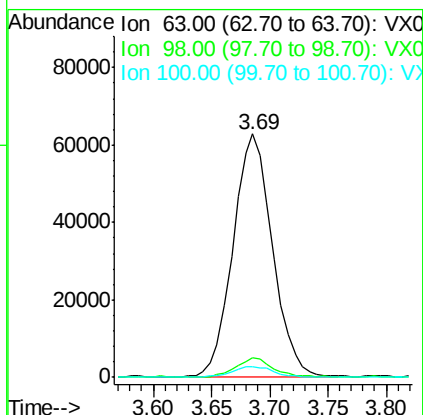
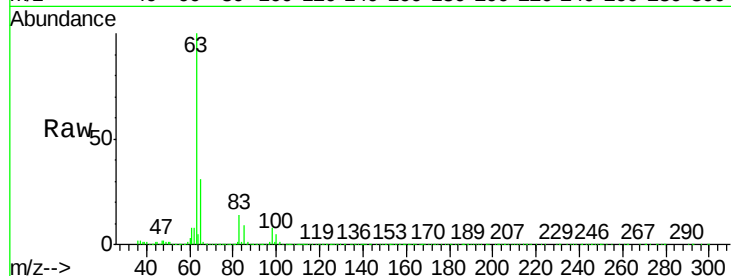




#21
 1,1-Dichloroethane
 Concen: 20.10 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

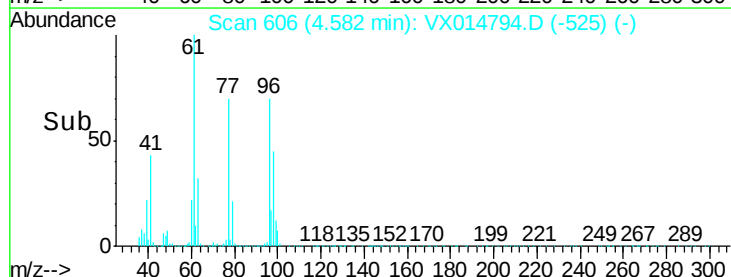
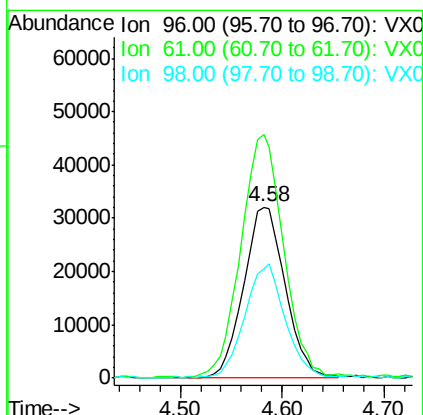
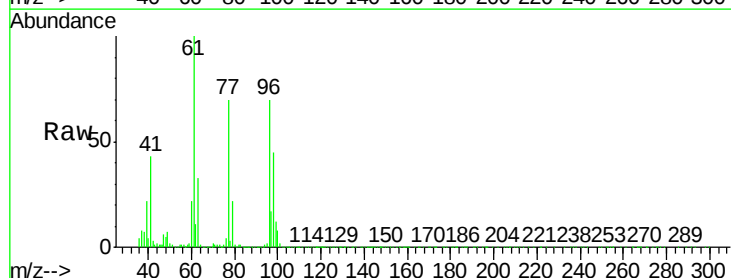
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

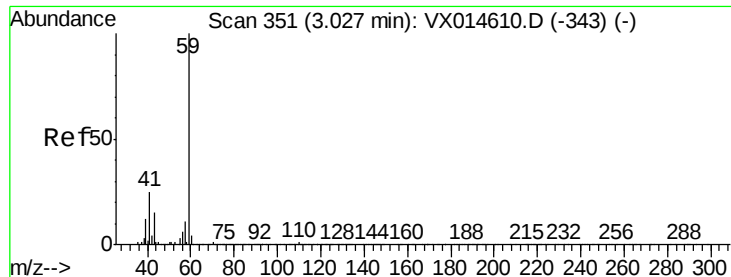
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.4	10.1
100	4.4	2.5	7.4



#22
 cis-1,2-Dichloroethene
 Concen: 19.91 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.8	112.4	168.6
98	63.6	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 104.94 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

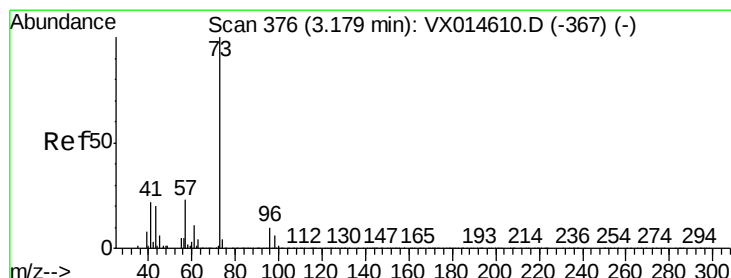
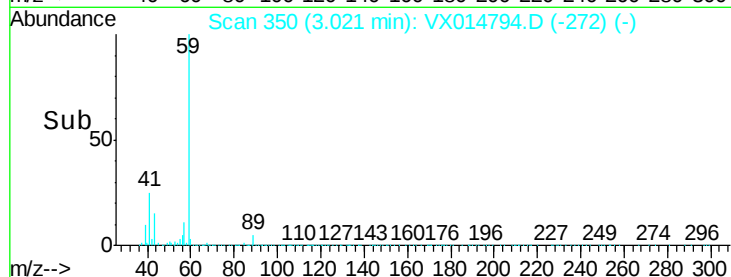
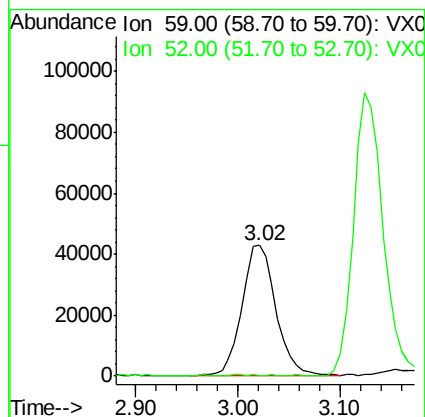
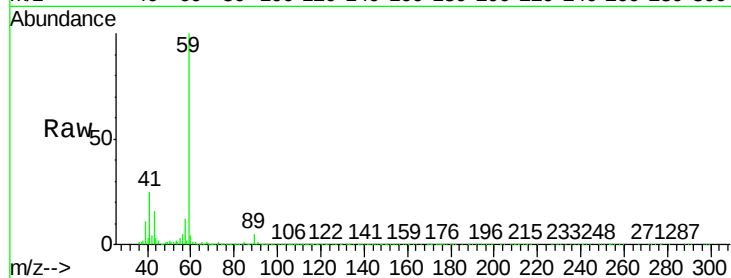
VX0203WBSD02

Tgt Ion: 59 Resp: 99089

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.80 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014794.D

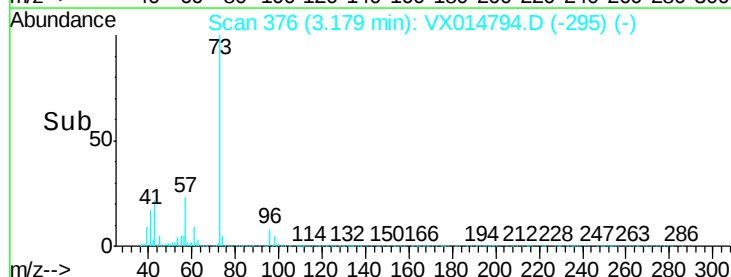
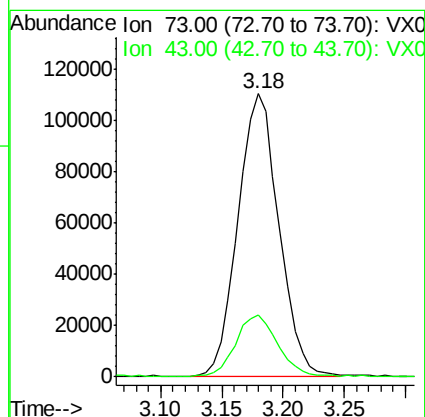
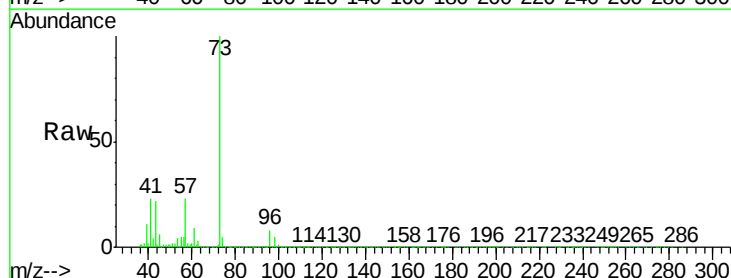
Acq: 03 Feb 2020 14:17

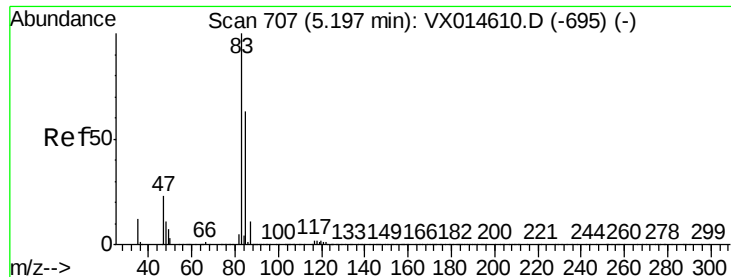
Tgt Ion: 73 Resp: 255644

Ion Ratio Lower Upper

73 100

43 22.1 16.6 25.0





#25

Chloroform

Concen: 20.22 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

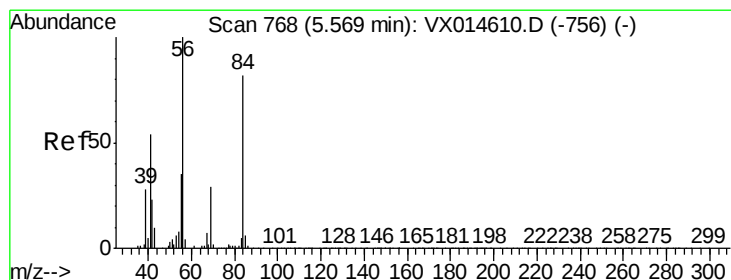
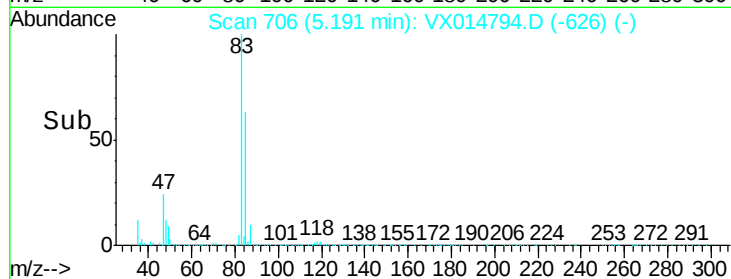
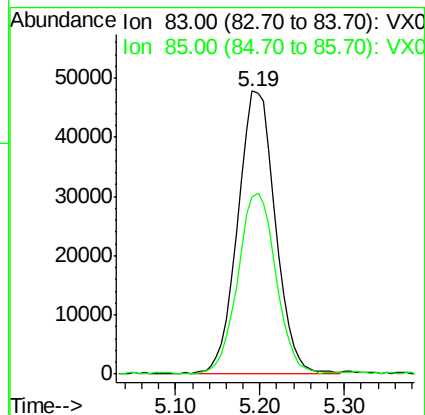
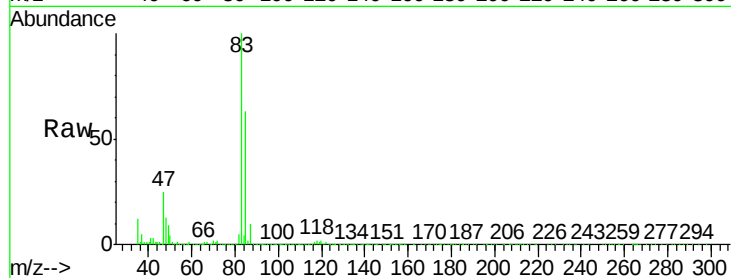
VX0203WBSD02

Tgt Ion: 83 Resp: 143920

Ion Ratio Lower Upper

83 100

85 62.4 52.7 79.1



#26

Cyclohexane

Concen: 19.12 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

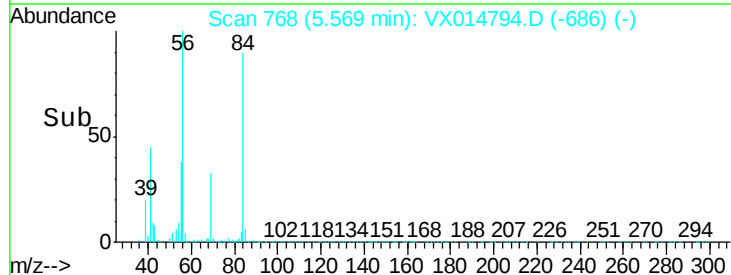
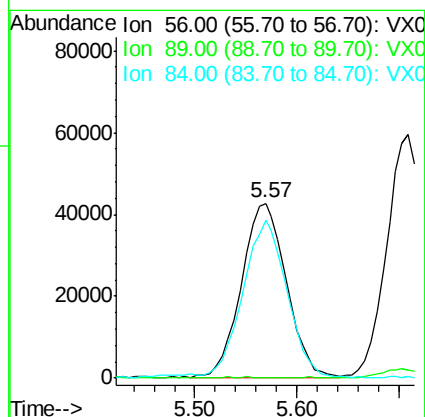
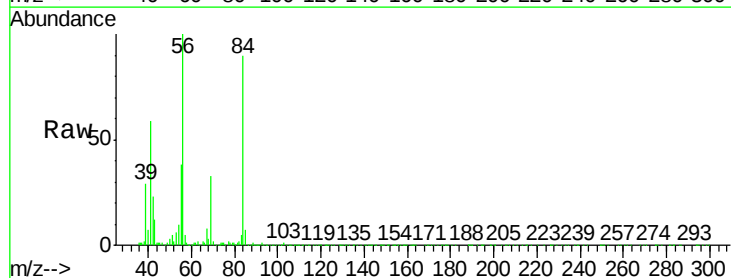
Tgt Ion: 56 Resp: 129556

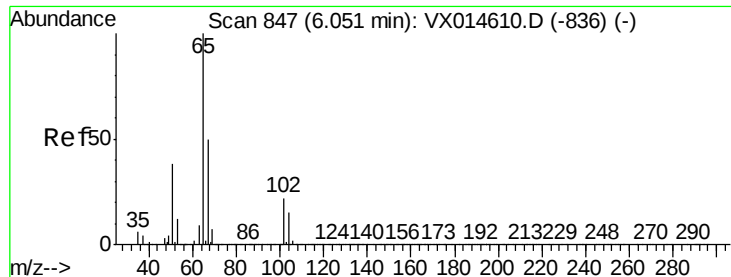
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 89.0 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 31.53 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

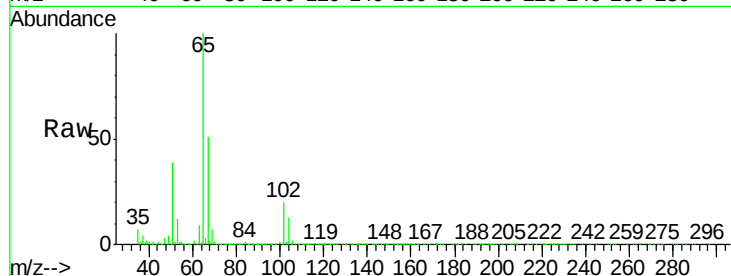
VX0203WBSD02

Tgt Ion: 65 Resp: 147888

Ion Ratio Lower Upper

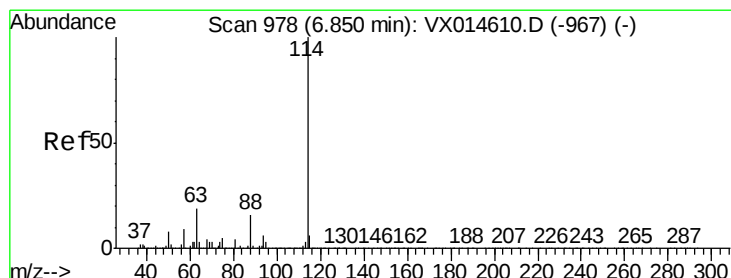
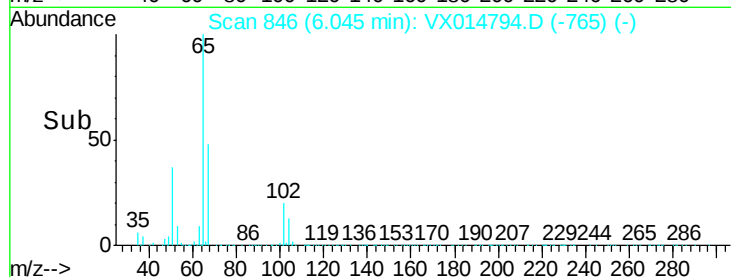
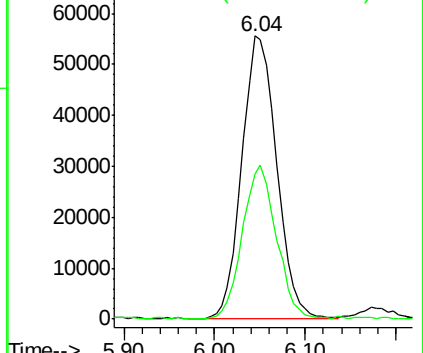
65 100

67 52.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

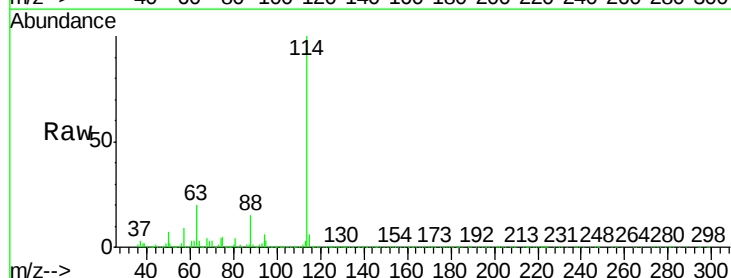
Tgt Ion: 114 Resp: 358876

Ion Ratio Lower Upper

114 100

63 20.9 16.1 24.1

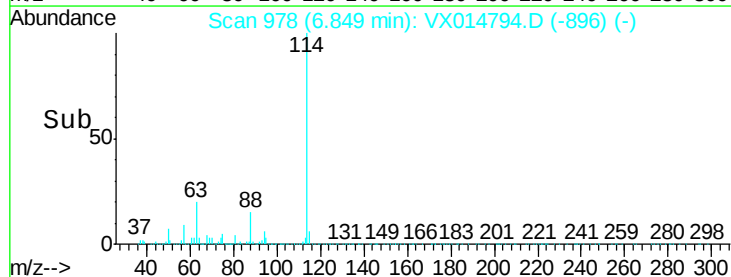
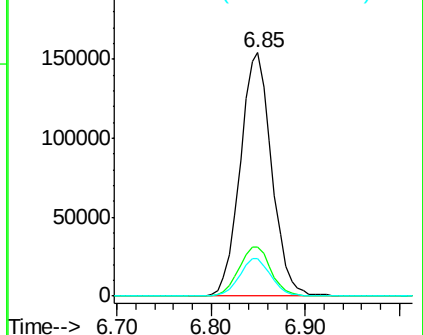
88 15.2 12.5 18.7

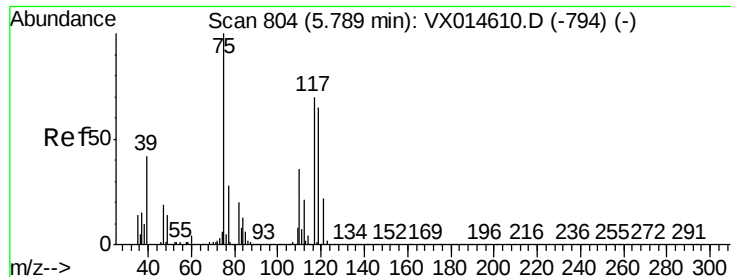


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

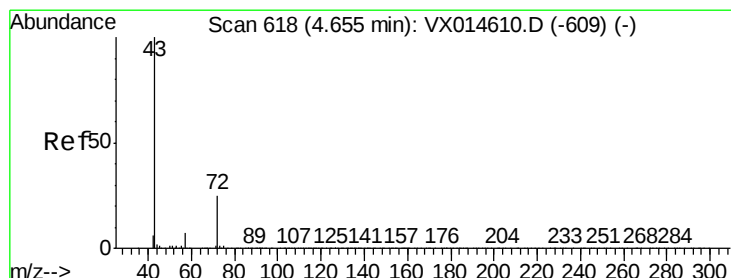
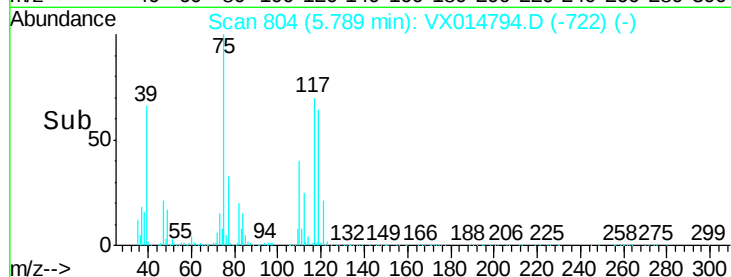
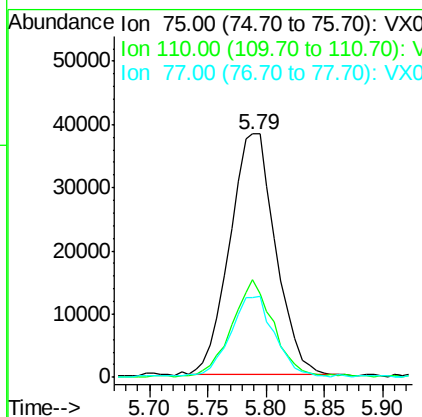
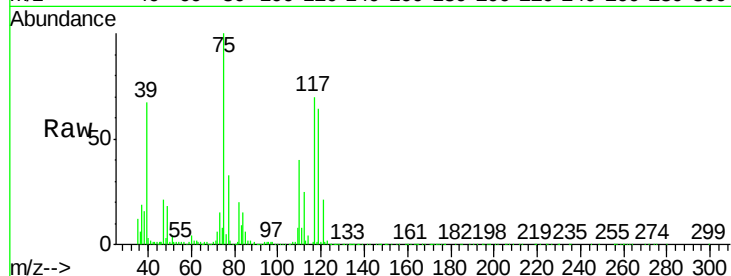




#29
 1,1-Dichloropropene
 Concen: 19.87 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

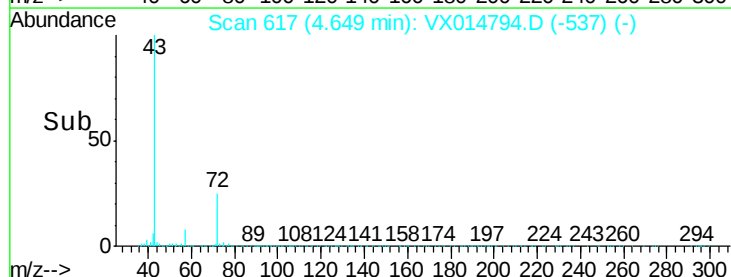
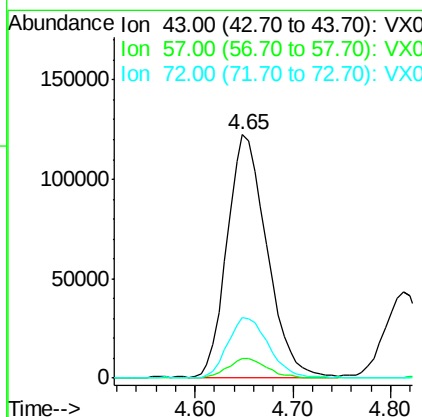
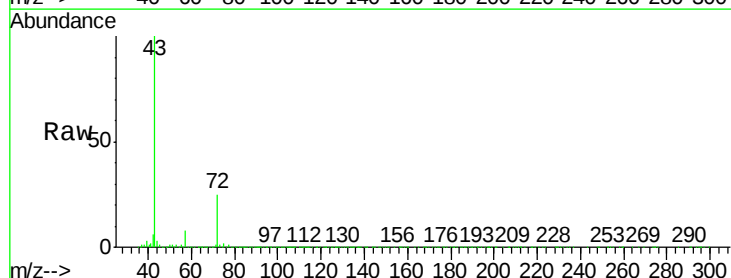
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

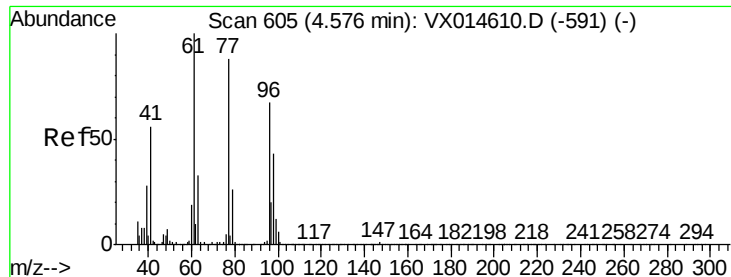
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	73.8
77	31.8	0.0	62.4



#30
 2-Butanone
 Concen: 103.22 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	25.2	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.93 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

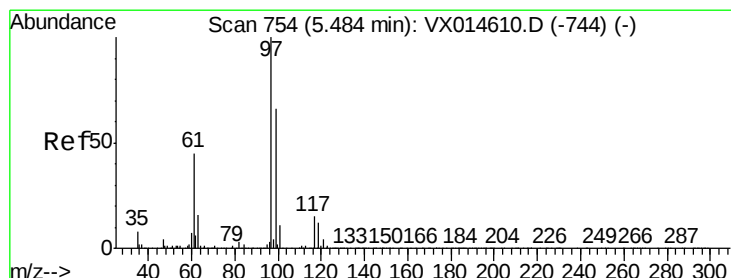
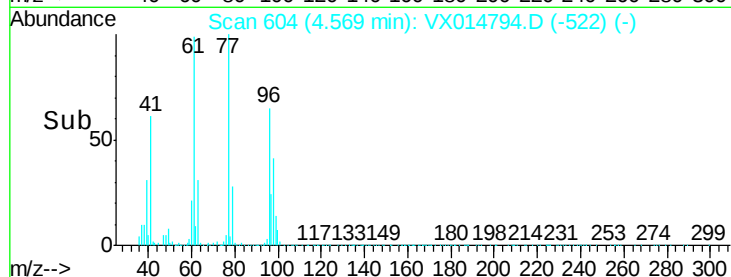
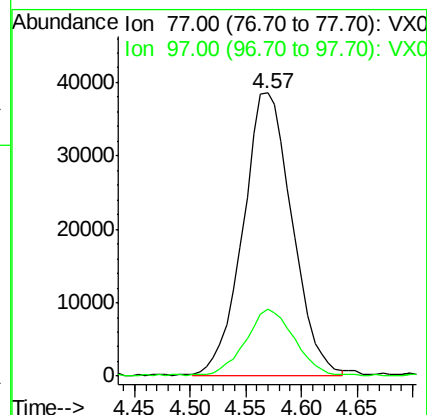
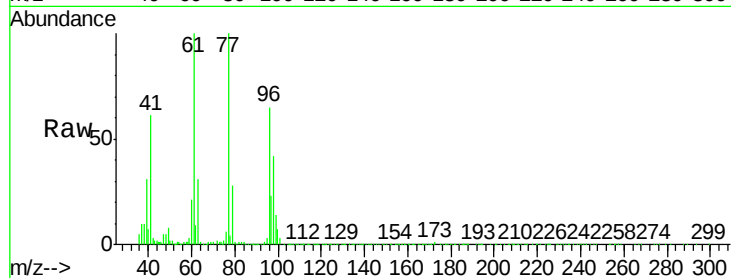
VX0203WBSD02

Tgt Ion: 77 Resp: 117891

Ion Ratio Lower Upper

77 100

97 23.2 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.95 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

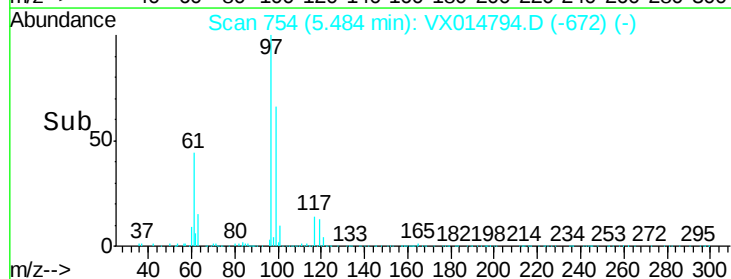
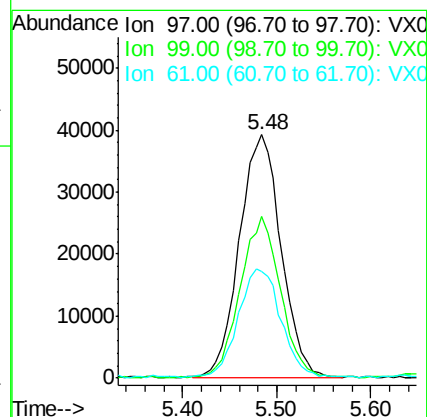
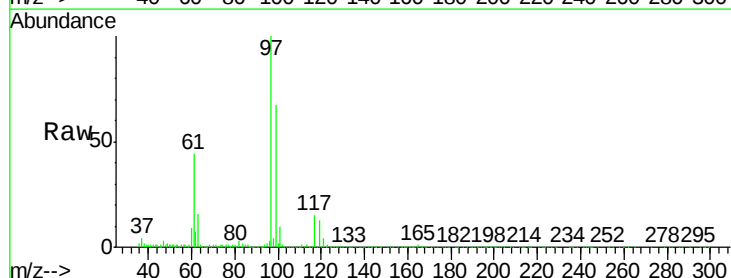
Tgt Ion: 97 Resp: 121998

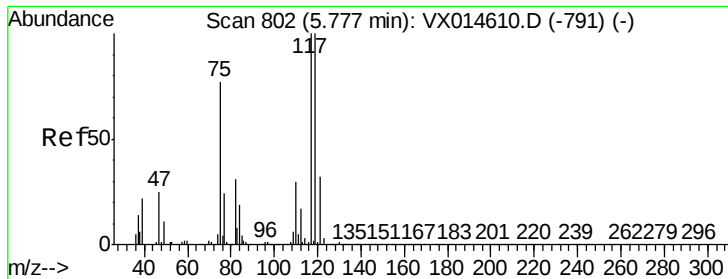
Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 45.0 36.8 55.2

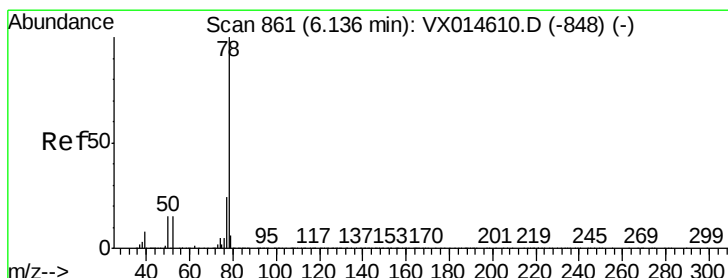
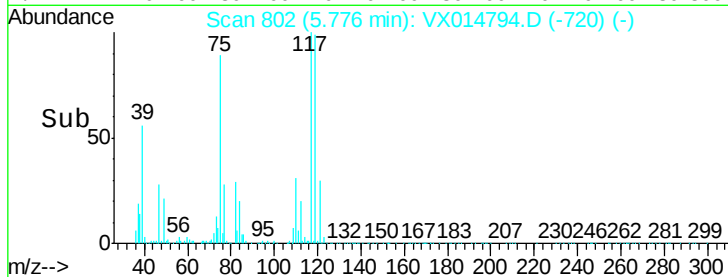
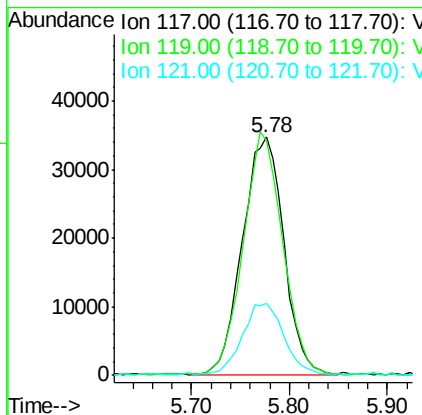
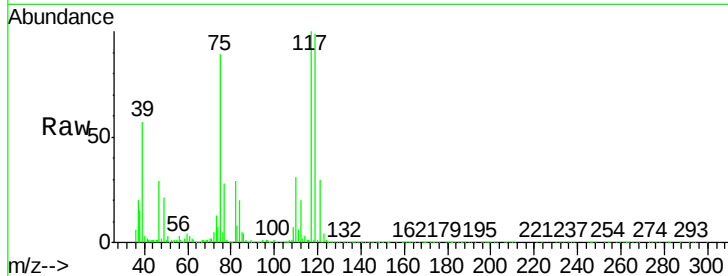




#33
Carbon Tetrachloride
Concen: 20.56 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

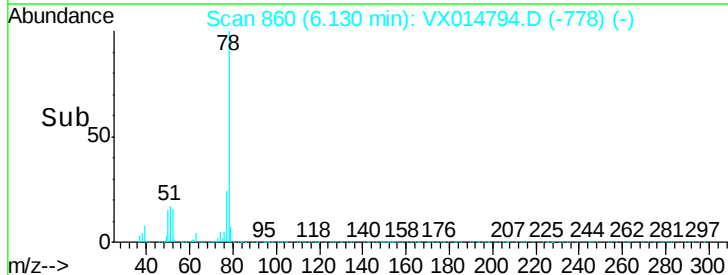
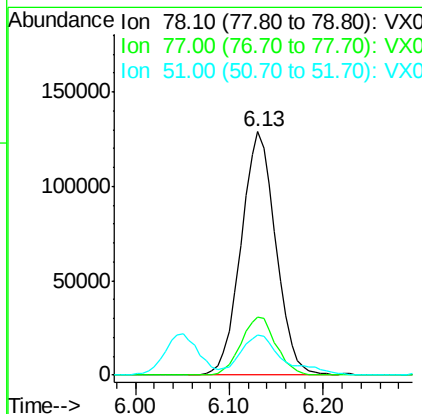
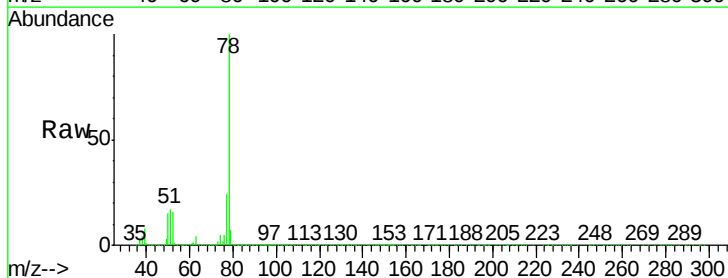
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

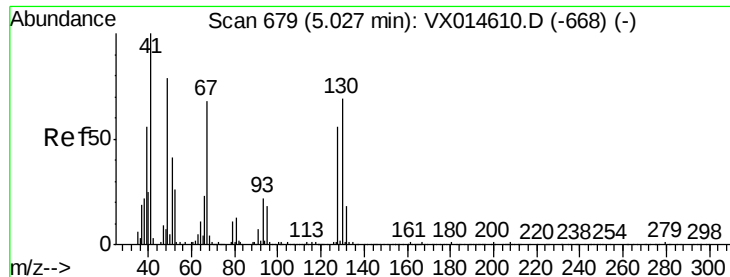
Tgt Ion: 117 Resp: 102782
Ion Ratio Lower Upper
117 100
119 98.4 77.2 115.8
121 29.7 24.8 37.2



#34
Benzene
Concen: 20.47 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion: 78 Resp: 332914
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2
51 15.8 12.4 18.6

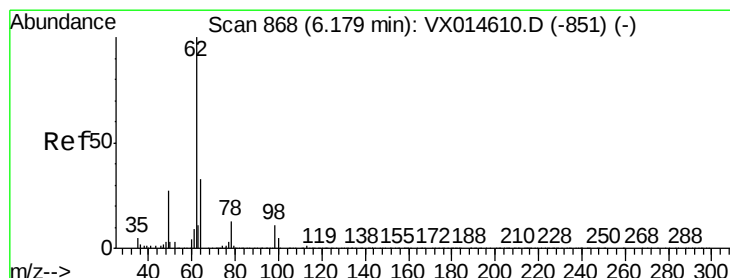
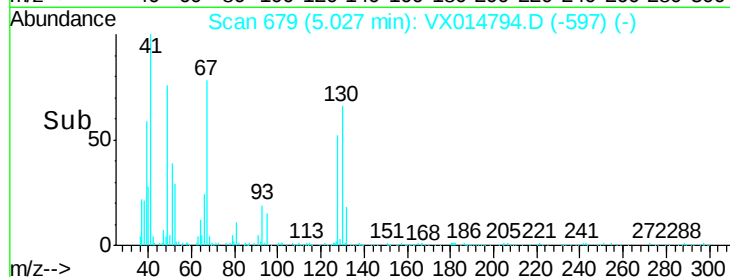
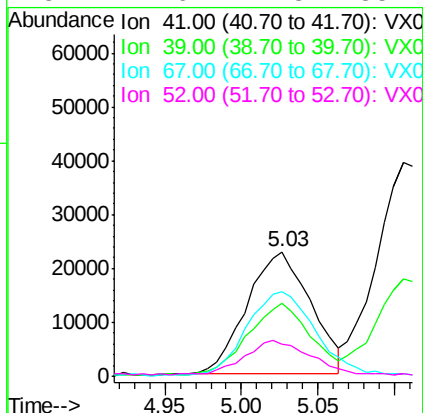
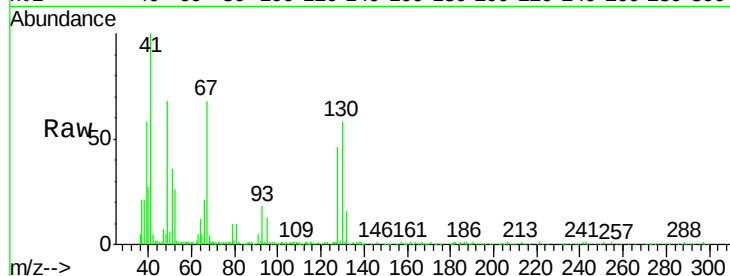




#35
Methacrylonitrile
Concen: 19.44 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

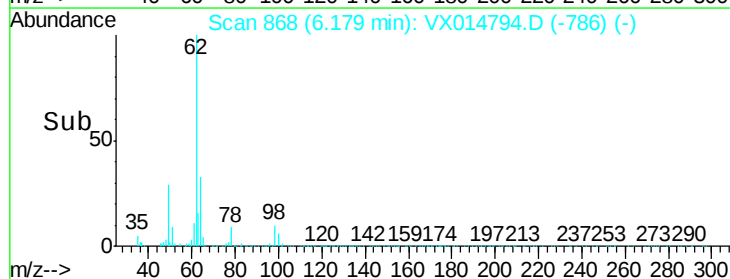
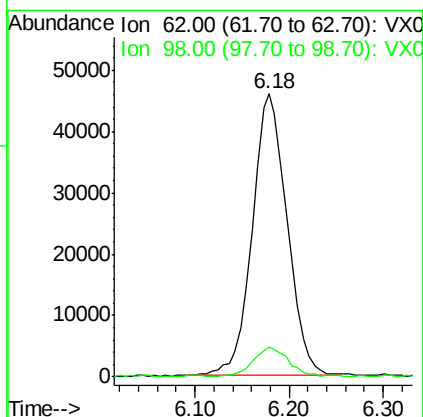
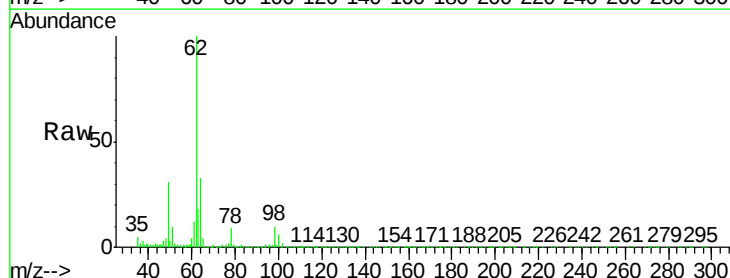
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

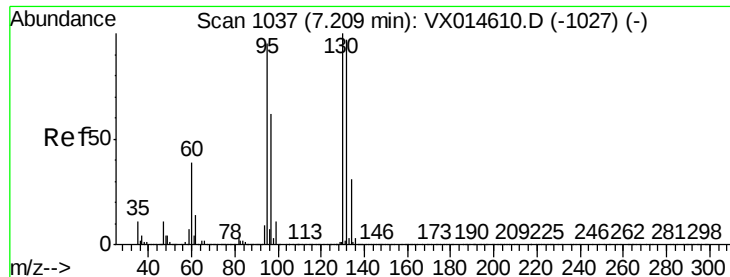
Tgt Ion:	41	Resp:	64743
Ion	Ratio	Lower	Upper
41	100		
39	58.4	26.7	80.1
67	68.6	31.5	94.5
52	24.6	12.8	38.4



#36
1,2-Dichloroethane
Concen: 21.02 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion:	62	Resp:	118969
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.4	12.6





#37

Trichloroethene

Concen: 20.62 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

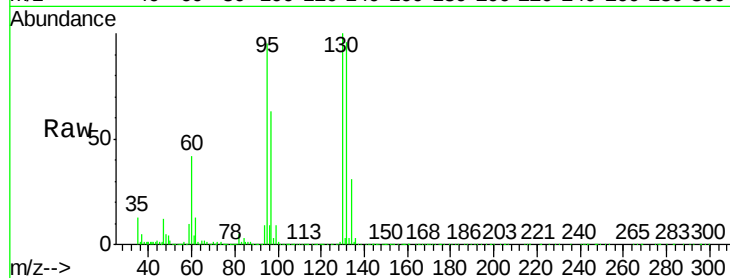
VX0203WBSD02

Tgt Ion:130 Resp: 91833

Ion Ratio Lower Upper

130 100

95 94.5 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

40000

30000

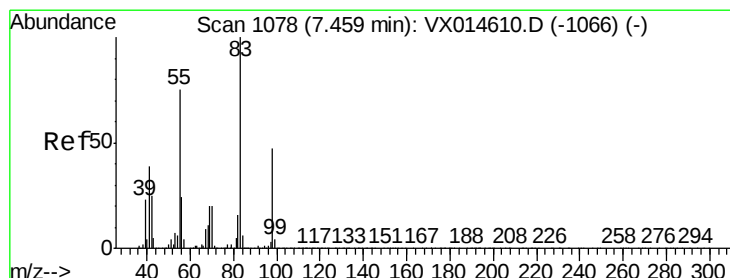
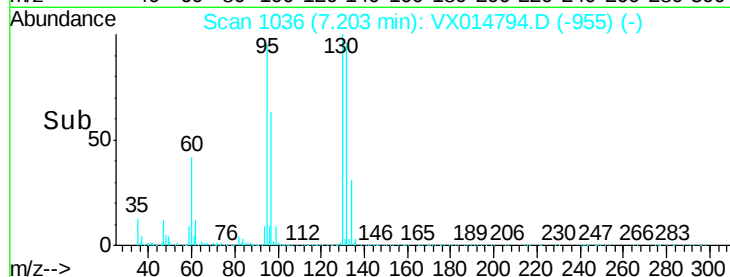
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.99 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

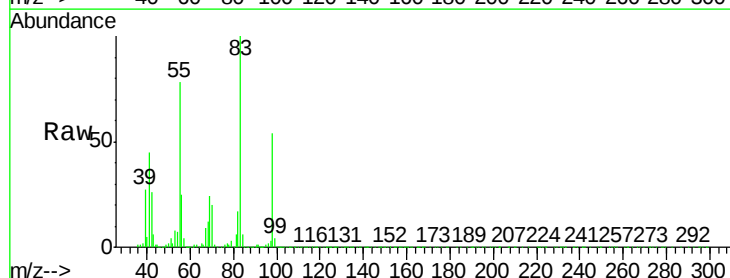
Tgt Ion: 83 Resp: 131019

Ion Ratio Lower Upper

83 100

55 79.2 39.4 118.1

98 50.6 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

80000

60000

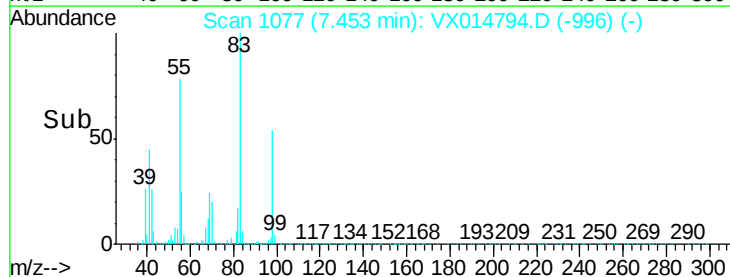
40000

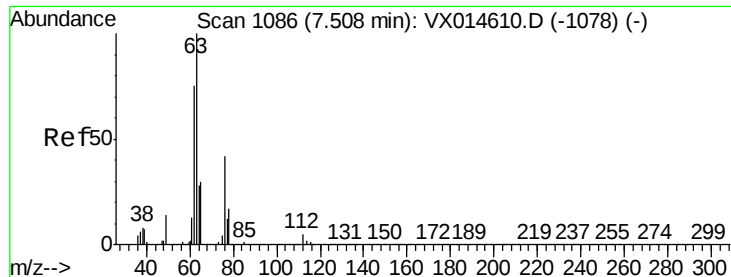
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->

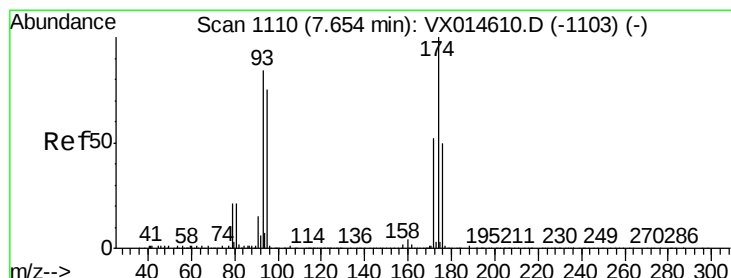
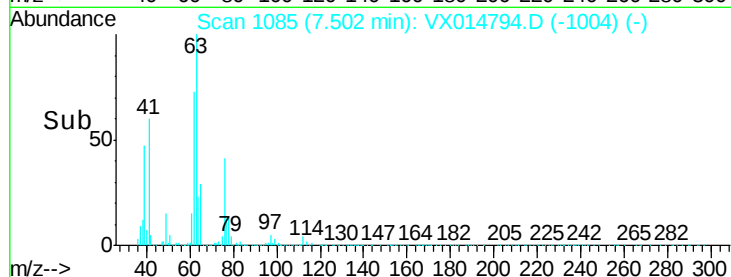
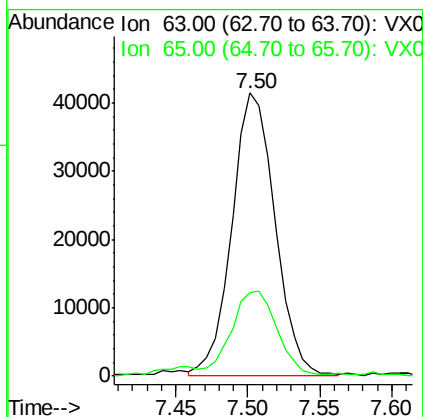
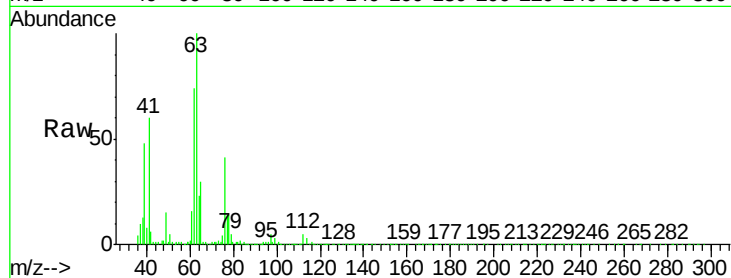




#39
 1,2-Dichloropropane
 Concen: 20.27 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

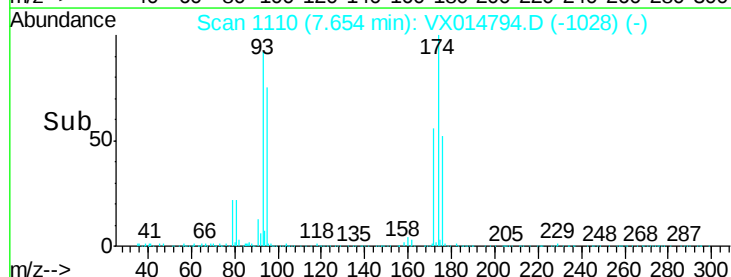
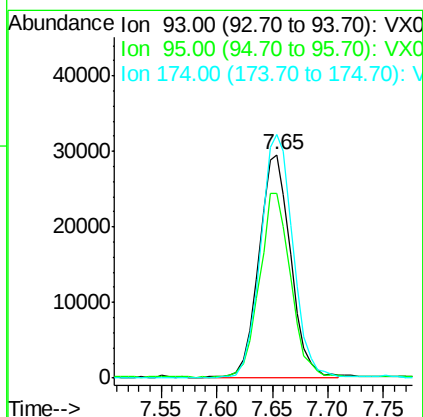
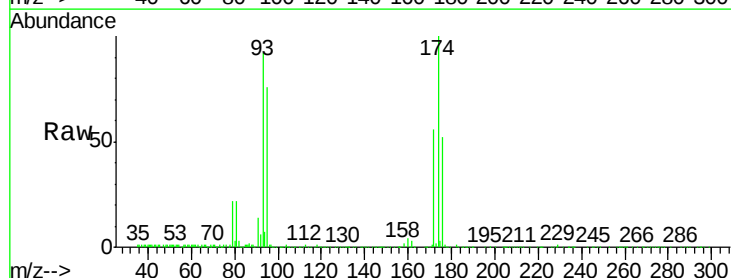
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

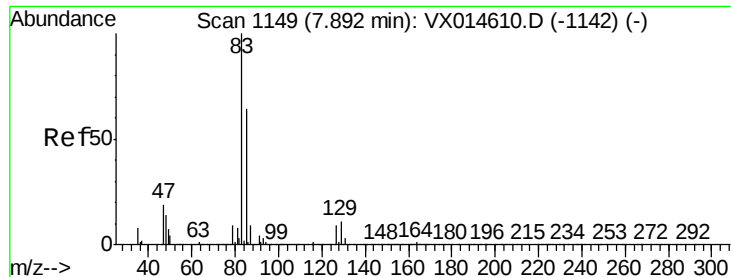
Tgt Ion: 63 Resp: 85745
 Ion Ratio Lower Upper
 63 100
 65 28.7 22.1 33.1



#40
 Dibromomethane
 Concen: 21.55 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion: 93 Resp: 58582
 Ion Ratio Lower Upper
 93 100
 95 81.2 0.0 164.4
 174 111.1 0.0 228.8





#41

Bromodichloromethane

Concen: 20.68 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

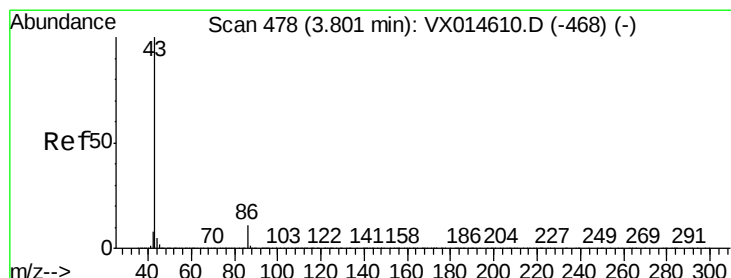
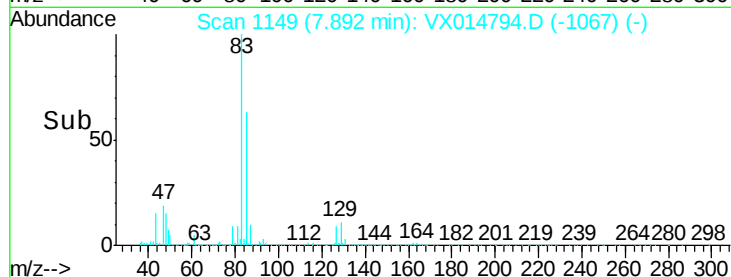
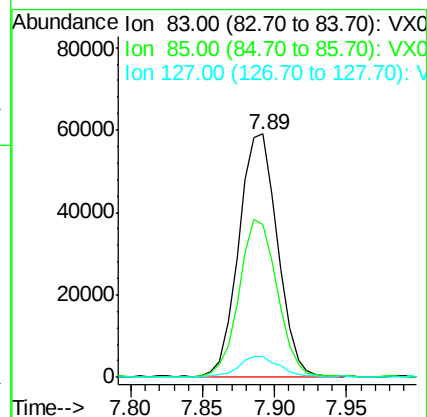
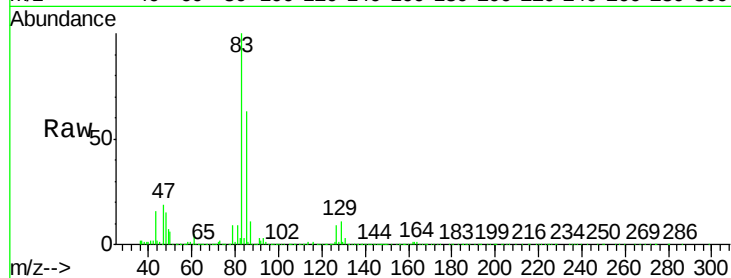
Tgt Ion: 83 Resp: 110090

Ion Ratio Lower Upper

83 100

85 62.7 51.6 77.4

127 8.2 6.0 9.0



#42

Vinyl Acetate

Concen: 101.87 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014794.D

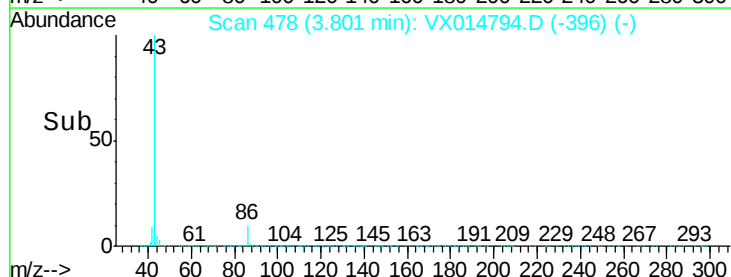
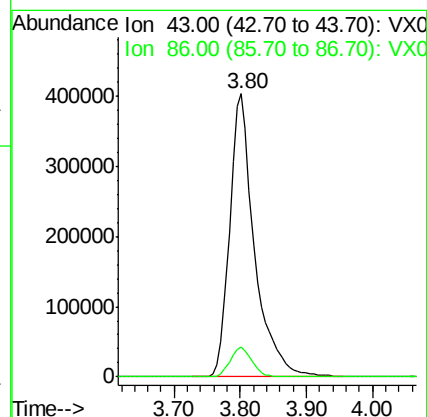
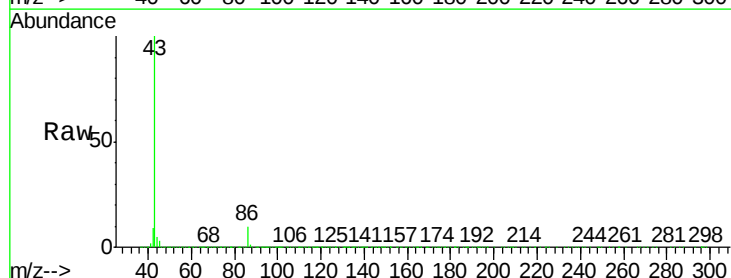
Acq: 03 Feb 2020 14:17

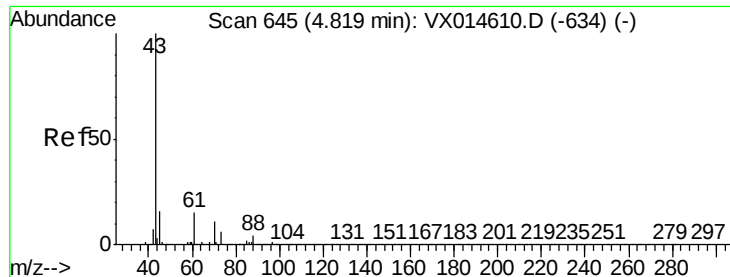
Tgt Ion: 43 Resp: 1046802

Ion Ratio Lower Upper

43 100

86 9.1 7.7 11.5

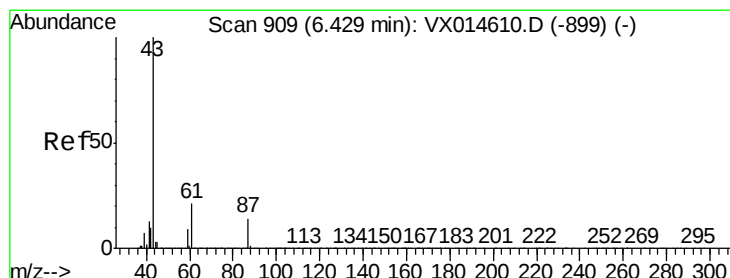
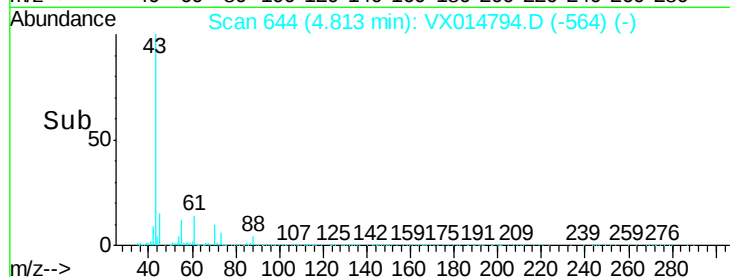
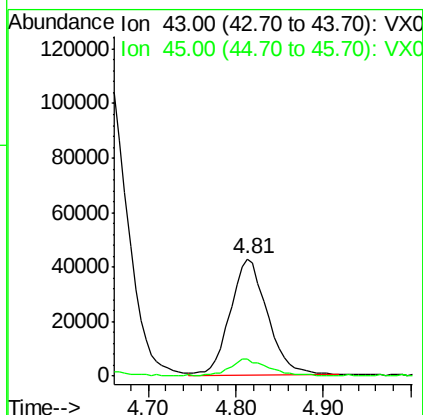
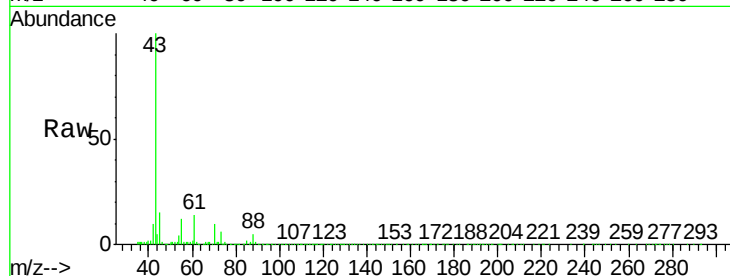




#43
Ethyl Acetate
Concen: 20.94 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

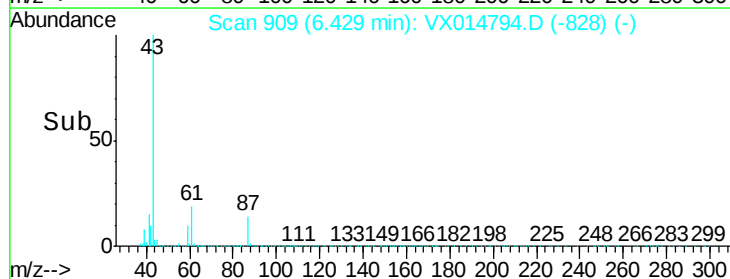
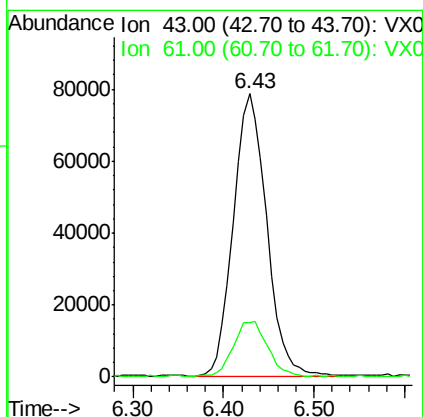
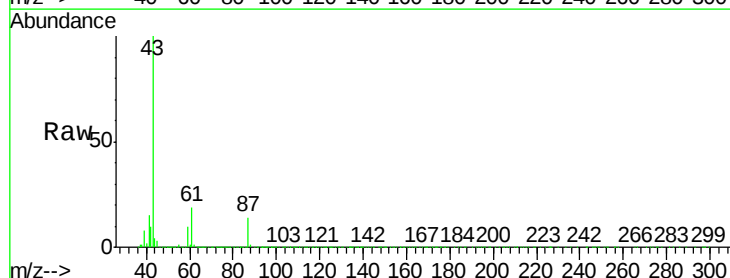
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

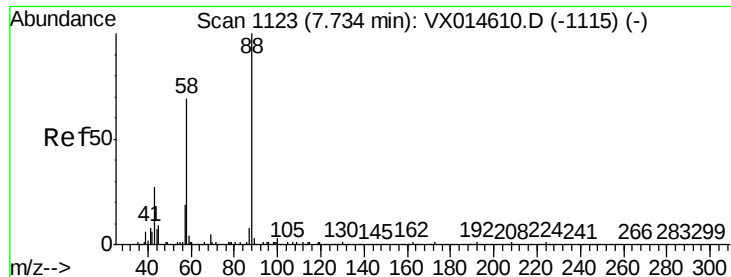
Tgt Ion: 43 Resp: 126399
Ion Ratio Lower Upper
43 100
45 13.7 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.53 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion: 43 Resp: 199891
Ion Ratio Lower Upper
43 100
61 19.5 15.9 23.9





#45

1,4-Dioxane

Concen: 419.80 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

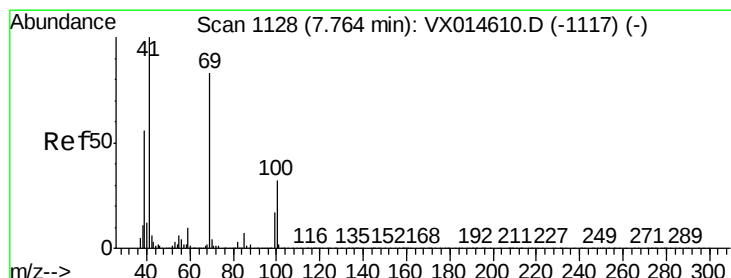
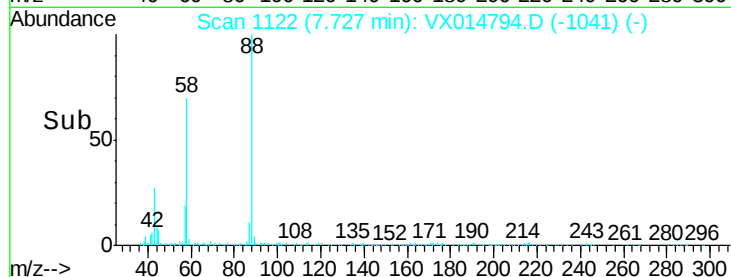
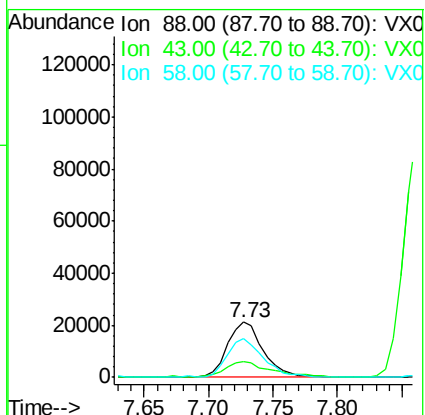
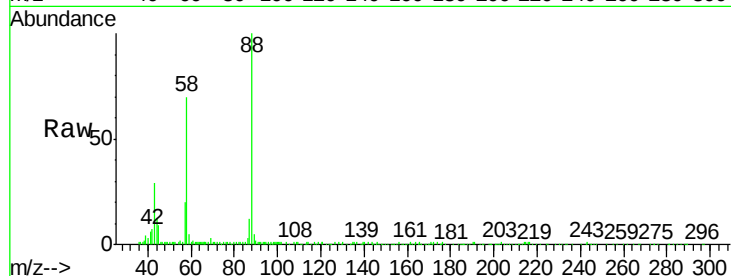
Tgt Ion: 88 Resp: 40886

Ion Ratio Lower Upper

88 100

43 32.7 25.4 38.2

58 70.3 56.5 84.7



#46

Methyl methacrylate

Concen: 20.42 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

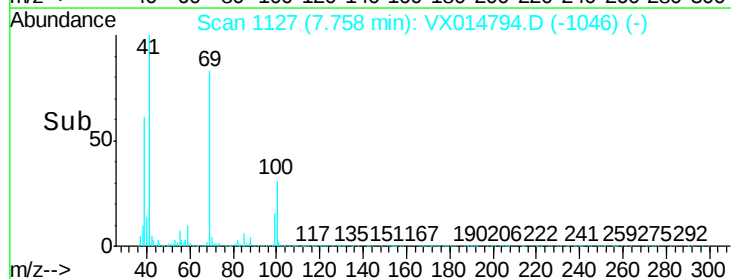
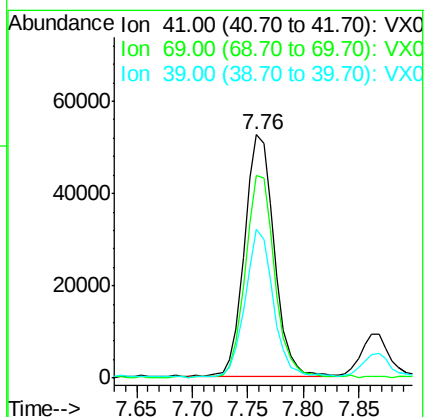
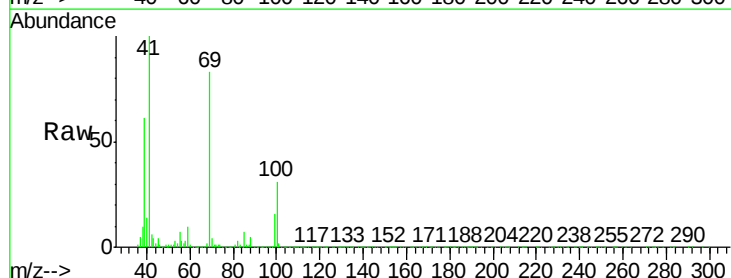
Tgt Ion: 41 Resp: 97789

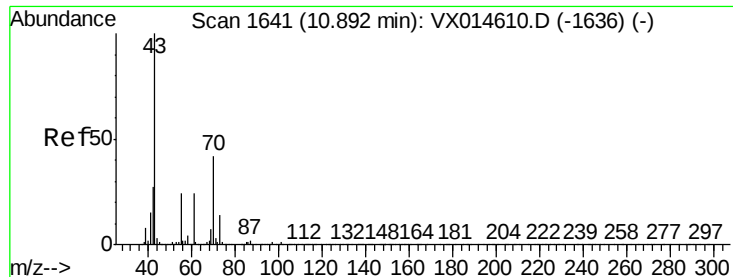
Ion Ratio Lower Upper

41 100

69 83.5 40.6 122.0

39 61.3 27.8 83.3





#47

n-amy1 Acetate

Concen: 20.44 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

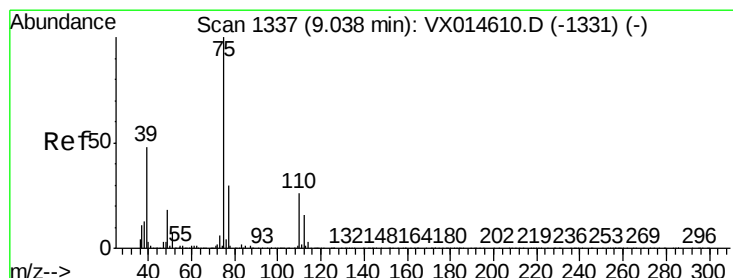
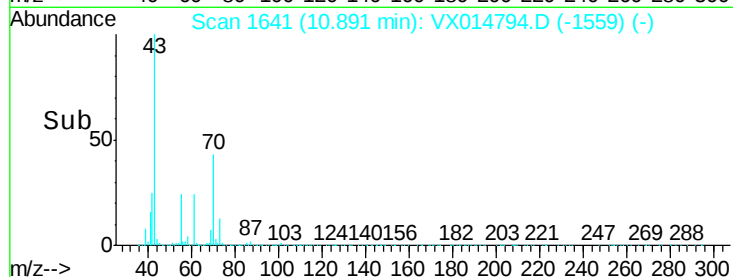
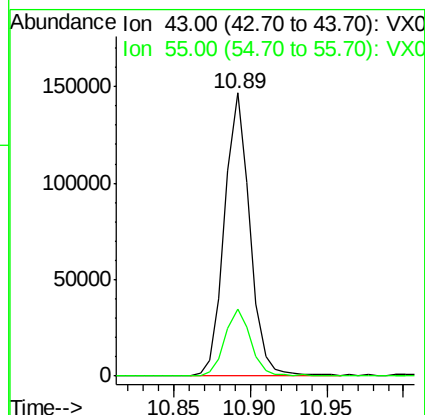
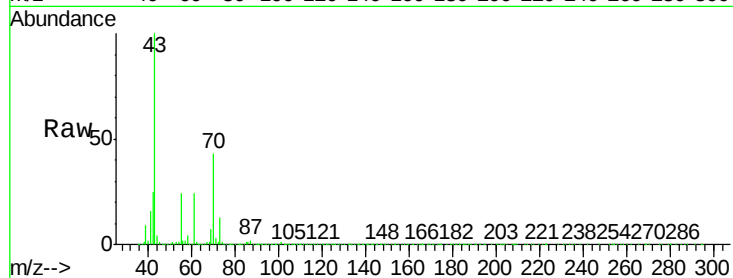
VX0203WBSD02

Tgt Ion: 43 Resp: 166759

Ion Ratio Lower Upper

43 100

55 24.2 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 20.87 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014794.D

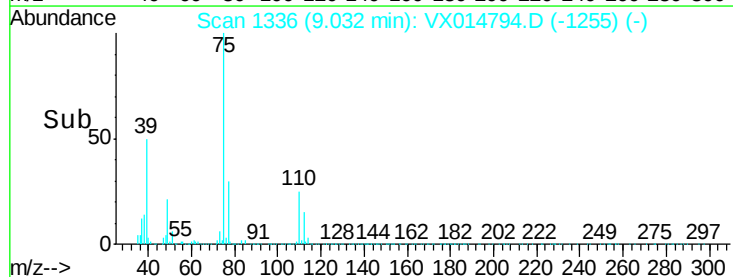
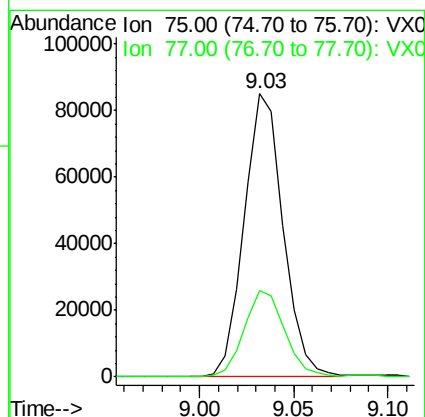
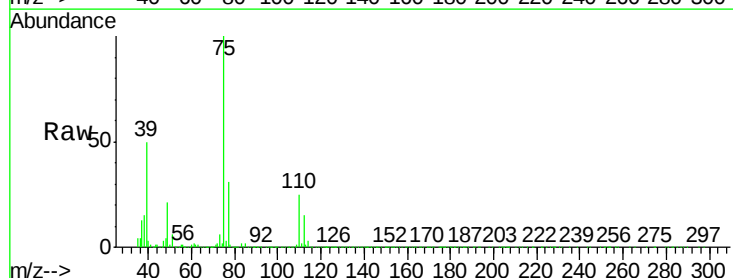
Acq: 03 Feb 2020 14:17

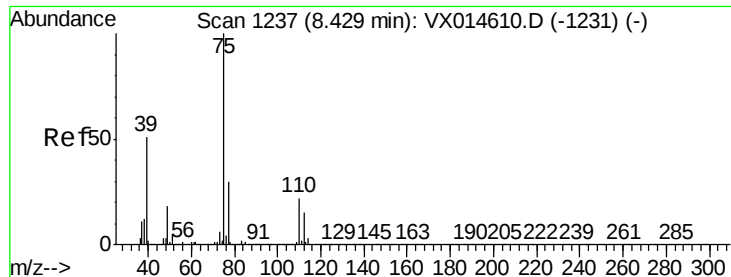
Tgt Ion: 75 Resp: 121289

Ion Ratio Lower Upper

75 100

77 30.4 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 20.58 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

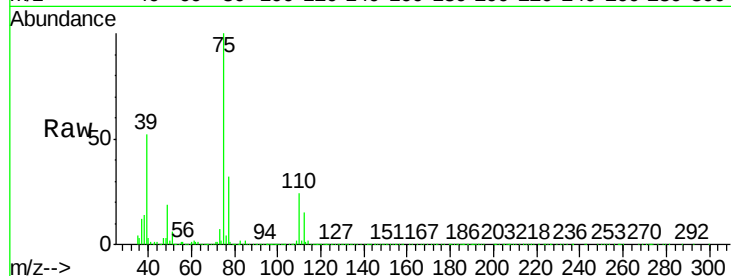
Tgt Ion: 75 Resp: 134760

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

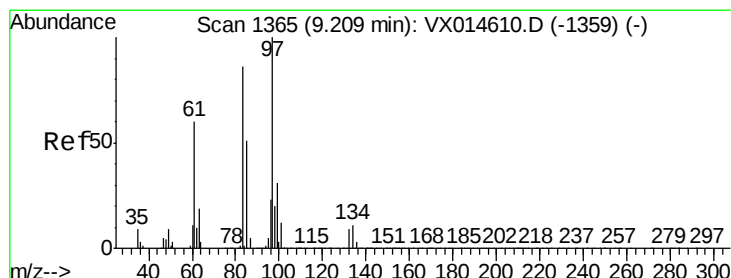
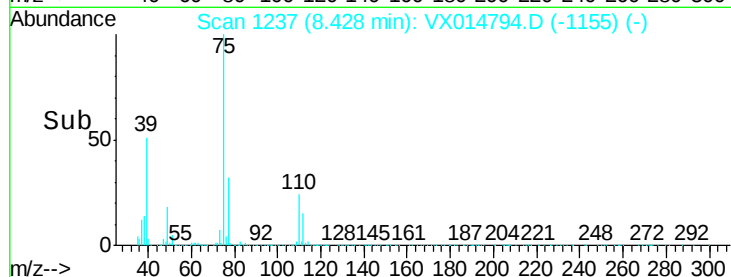
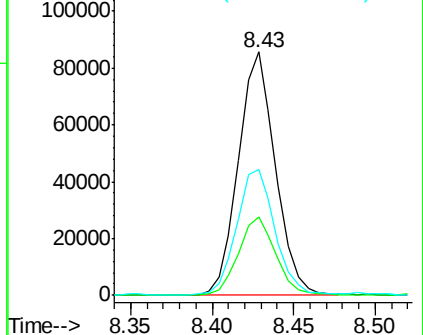
39 51.5 41.1 61.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 20.81 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion: 97 Resp: 86055

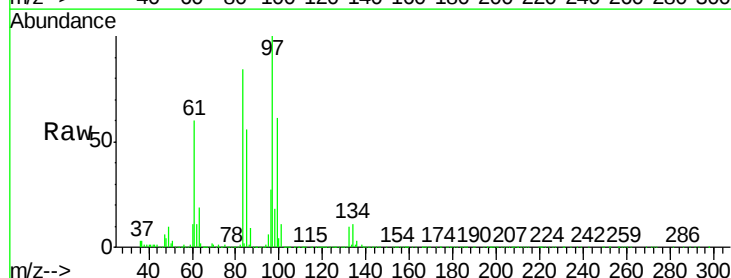
Ion Ratio Lower Upper

97 100

83 83.3 68.1 102.1

85 55.9 42.7 64.1

99 60.3 50.3 75.5

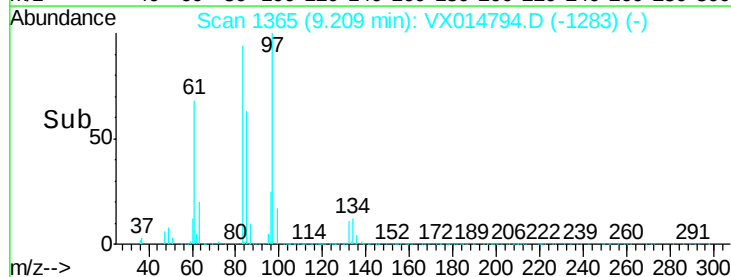
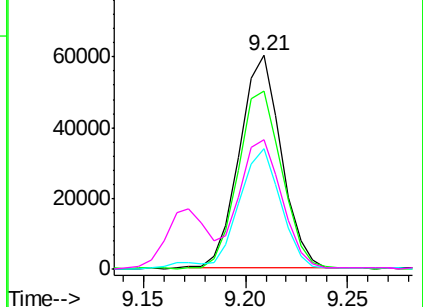


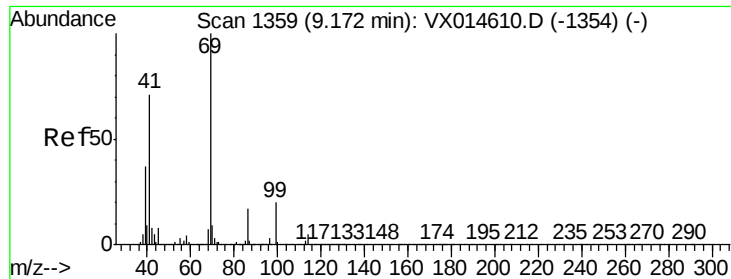
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 20.33 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

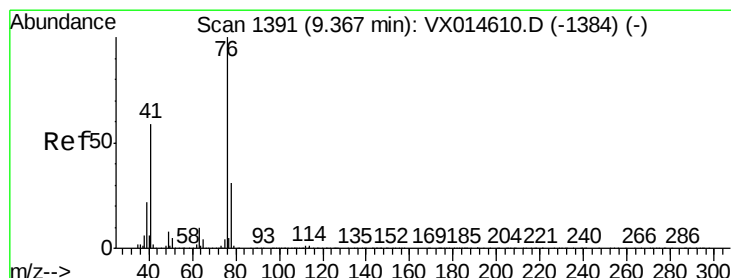
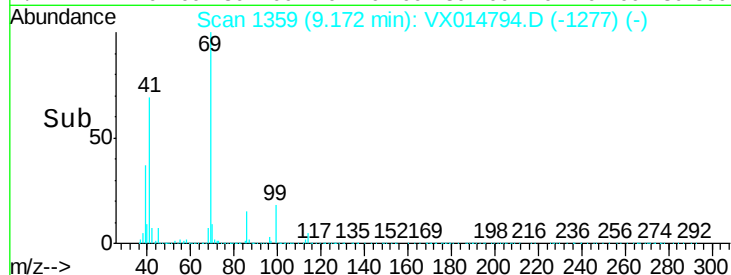
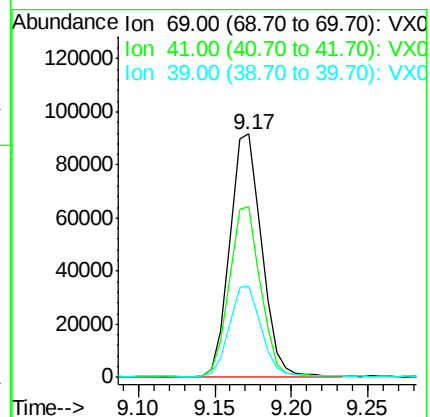
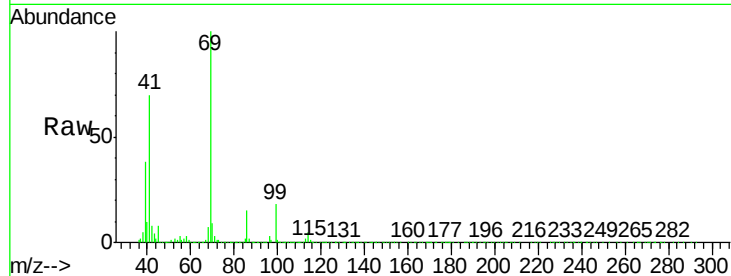
Tgt Ion: 69 Resp: 130936

Ion Ratio Lower Upper

69 100

41 70.1 35.4 106.1

39 37.3 17.8 53.3



#52

1,3-Dichloropropane

Concen: 21.05 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014794.D

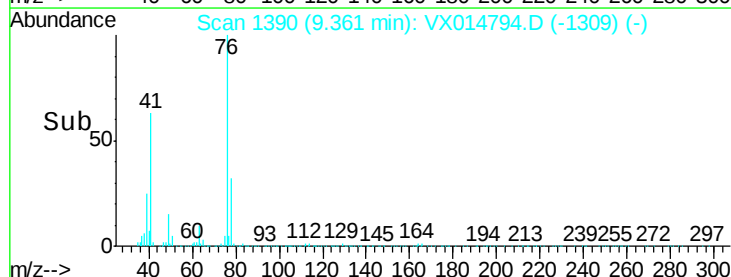
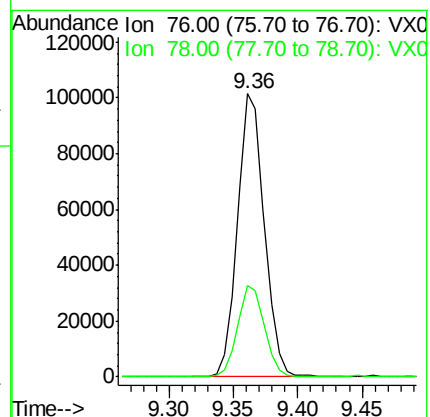
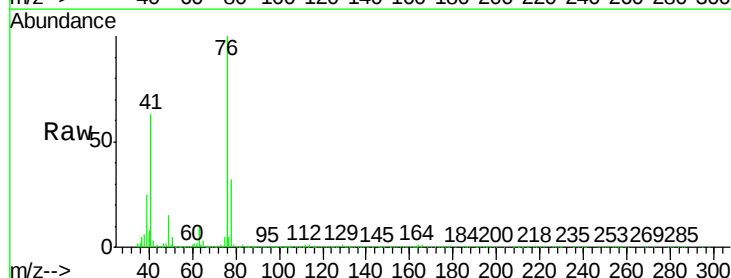
Acq: 03 Feb 2020 14:17

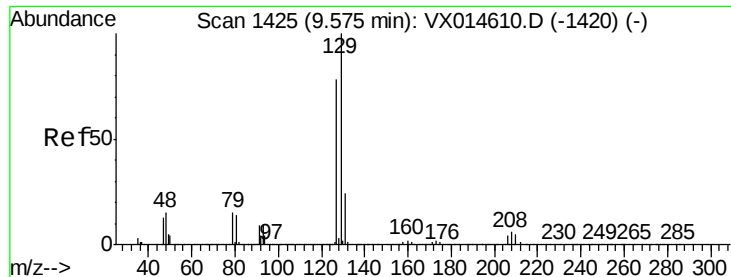
Tgt Ion: 76 Resp: 147491

Ion Ratio Lower Upper

76 100

78 32.1 0.0 63.4





#53

Dibromochloromethane

Concen: 20.86 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

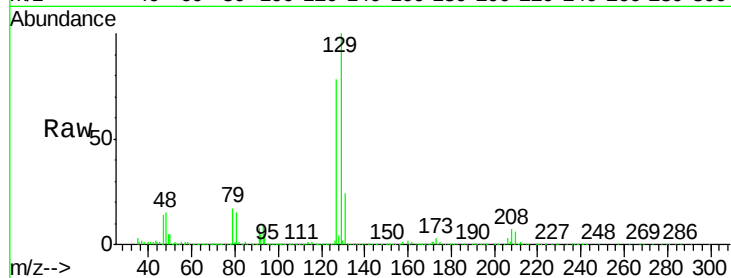
VX0203WBSD02

Tgt Ion:129 Resp: 88243

Ion Ratio Lower Upper

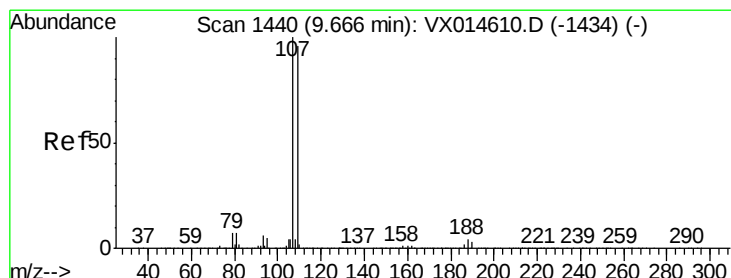
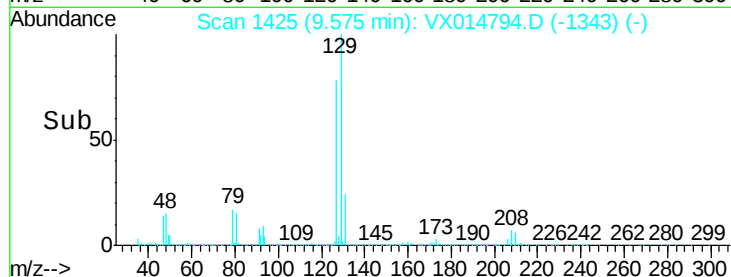
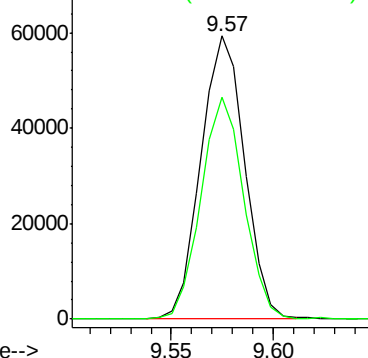
129 100

127 77.1 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.53 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014794.D

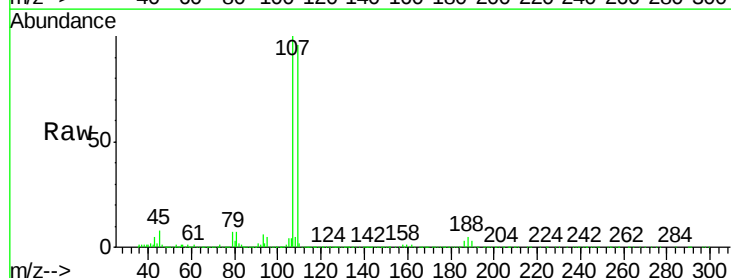
Acq: 03 Feb 2020 14:17

Tgt Ion:107 Resp: 92363

Ion Ratio Lower Upper

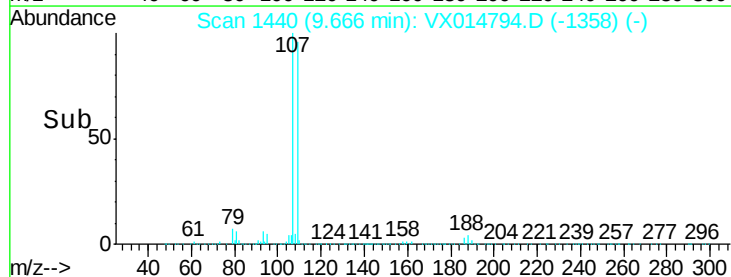
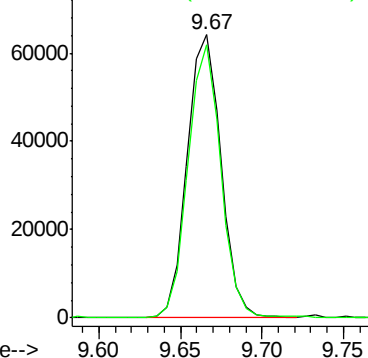
107 100

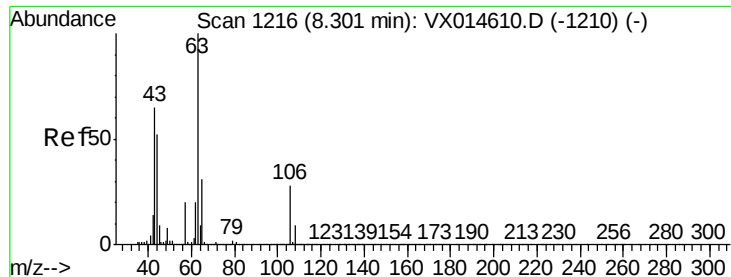
109 93.6 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

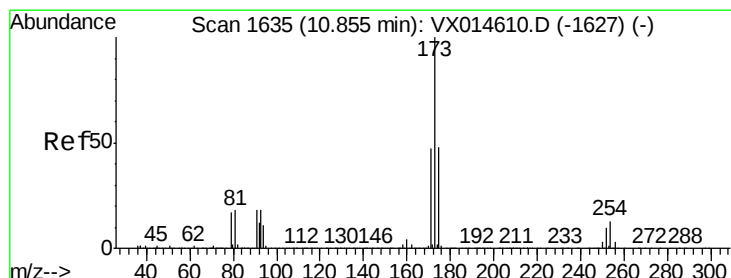
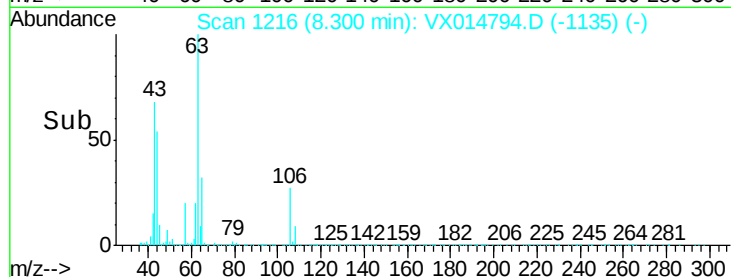
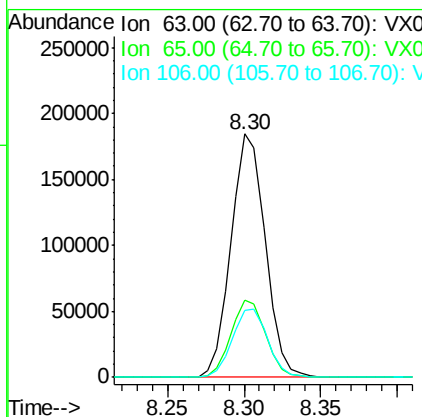
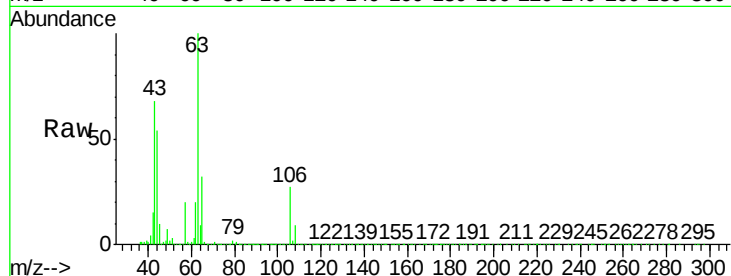




#55
 2-Chloroethyl vinyl ether
 Concen: 96.98 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

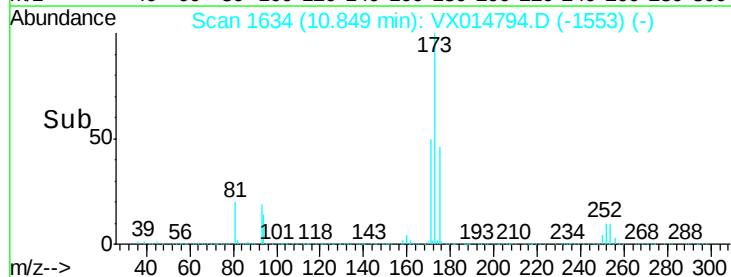
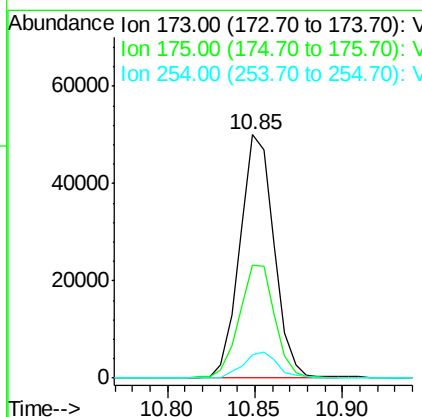
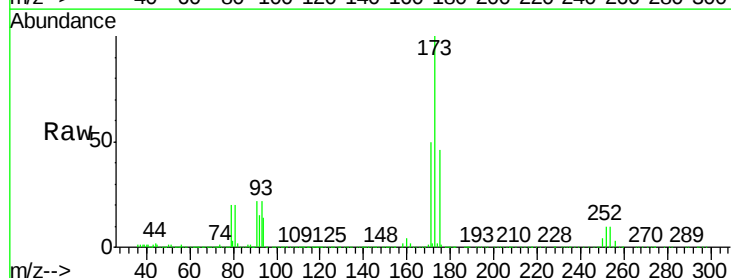
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0203WBSD02

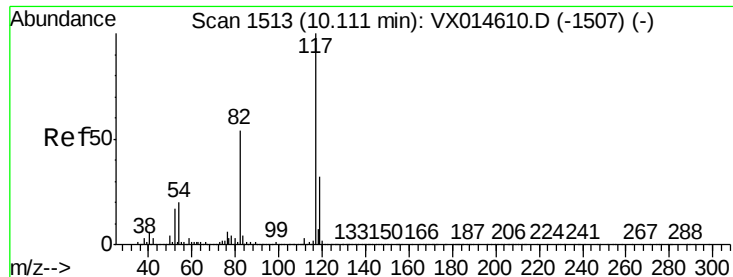
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	29.0	22.9	34.3



#56
 Bromoform
 Concen: 20.83 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.5	59.3
254	10.9	8.2	12.4

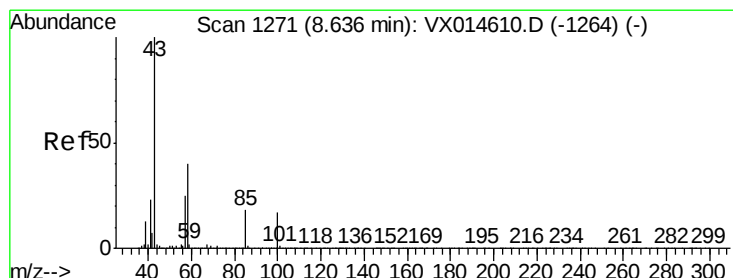
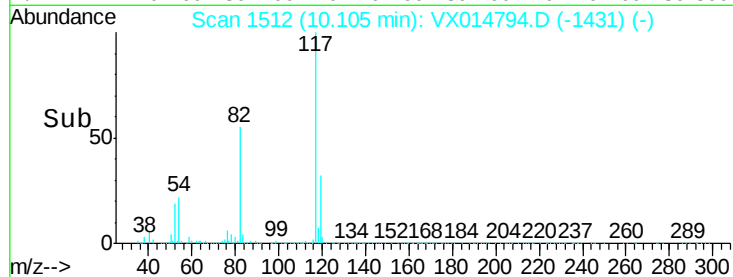
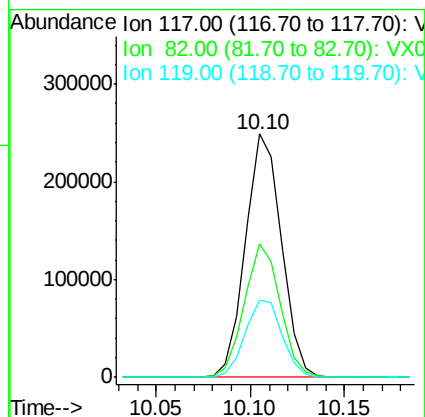
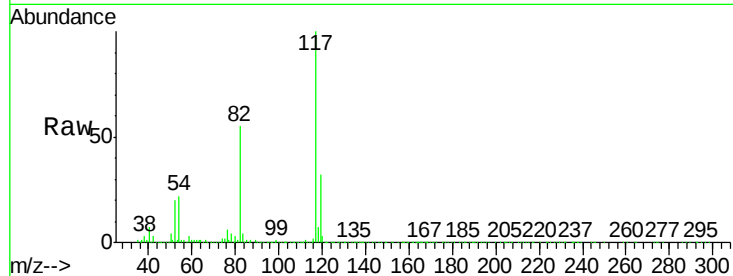




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

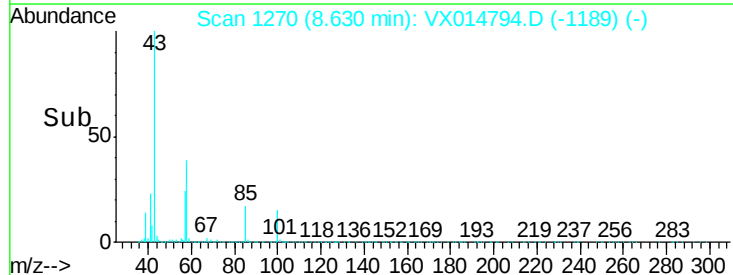
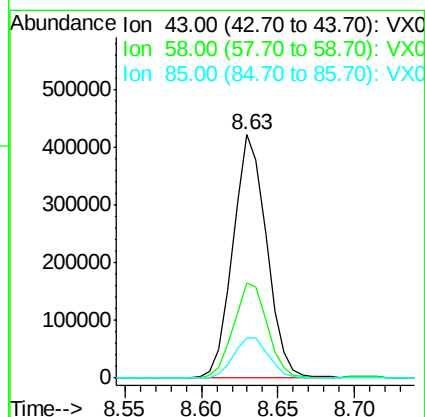
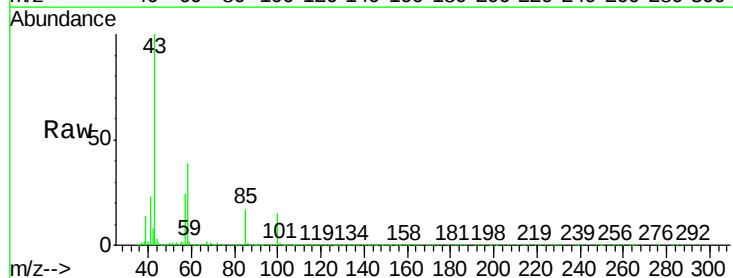
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

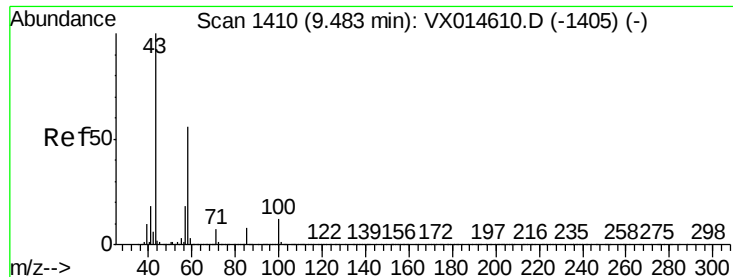
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.6
119	32.6	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 103.55 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.5	14.2	21.2

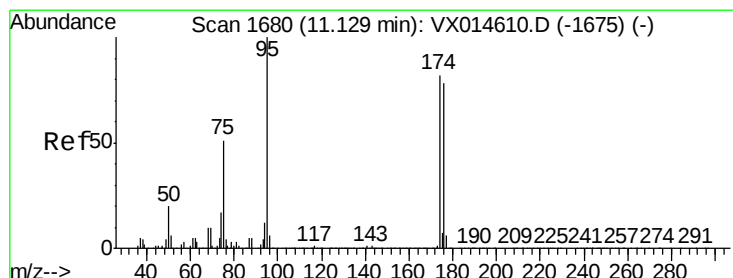
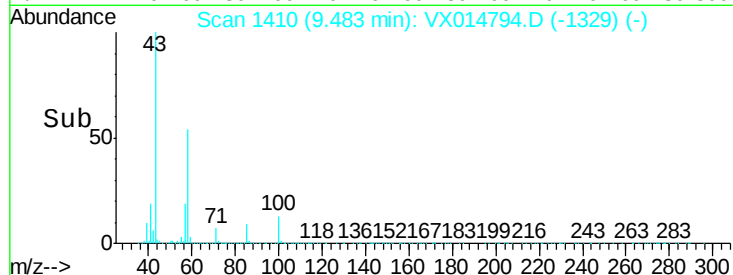
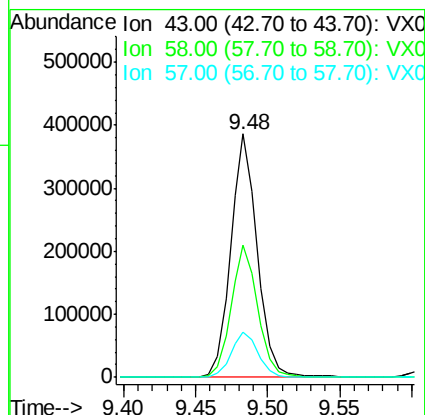
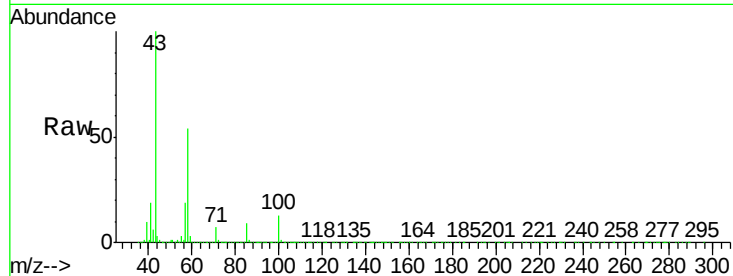




#59
2-Hexanone
Concen: 103.27 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

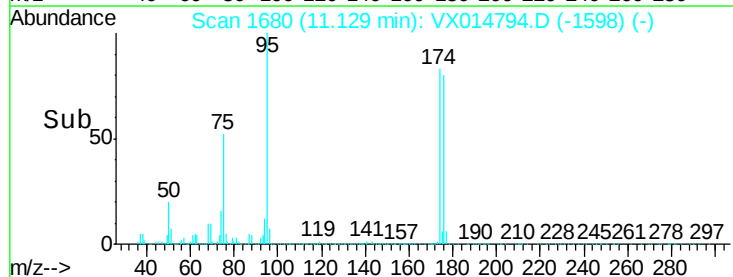
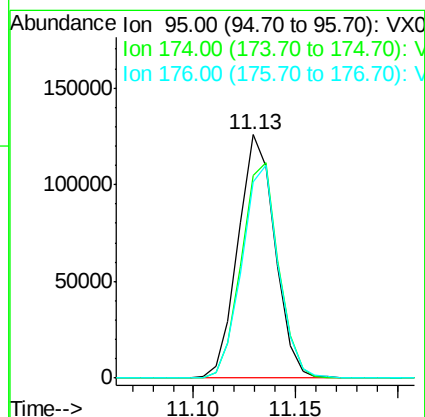
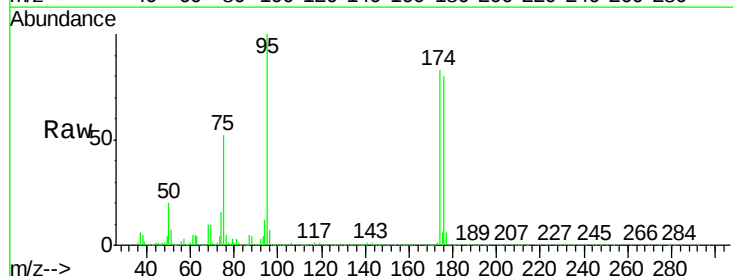
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

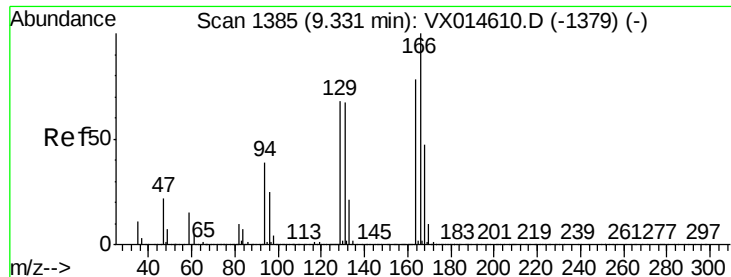
Tgt Ion: 43 Resp: 496089
Ion Ratio Lower Upper
43 100
58 54.5 43.8 65.6
57 18.8 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.89 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion: 95 Resp: 157785
Ion Ratio Lower Upper
95 100
174 89.4 70.2 105.2
176 86.9 68.3 102.5





#61

Tetrachloroethene

Concen: 22.76 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tgt Ion:164 Resp: 110942

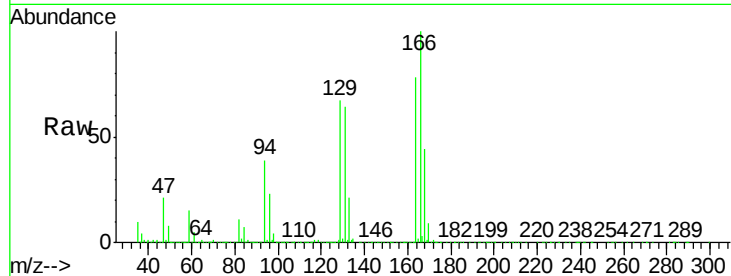
Ion Ratio Lower Upper

164 100

166 128.9 104.2 156.2

129 86.7 71.6 107.4

131 82.0 71.7 107.5

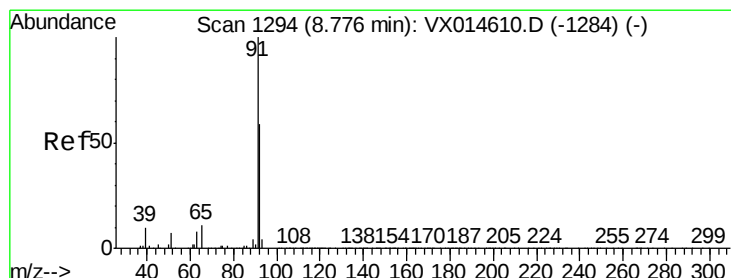
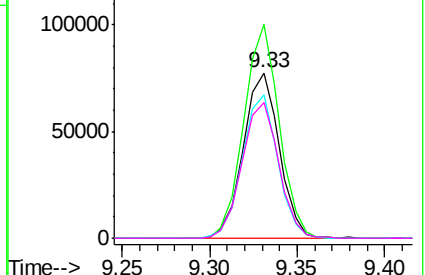
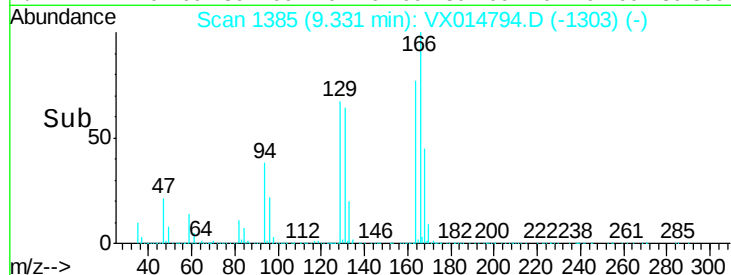


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.36 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014794.D

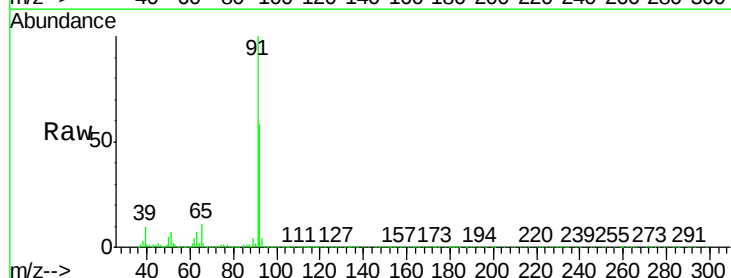
Acq: 03 Feb 2020 14:17

Tgt Ion: 91 Resp: 356358

Ion Ratio Lower Upper

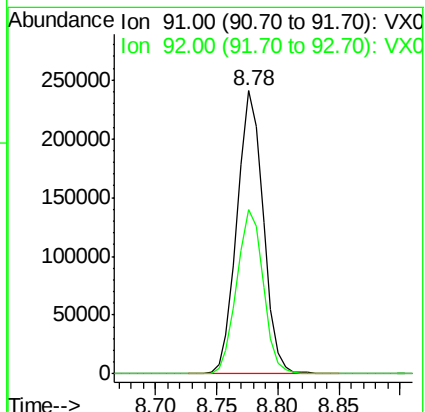
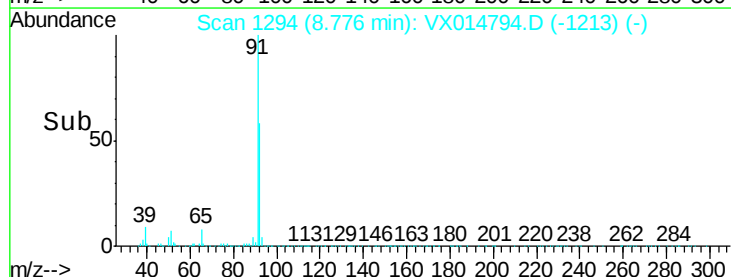
91 100

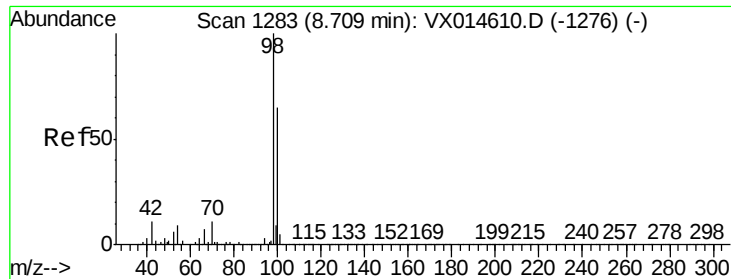
92 58.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.95 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

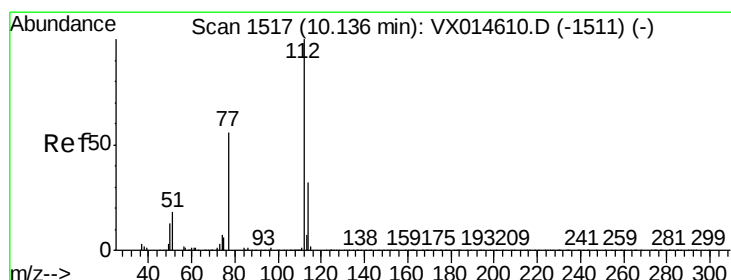
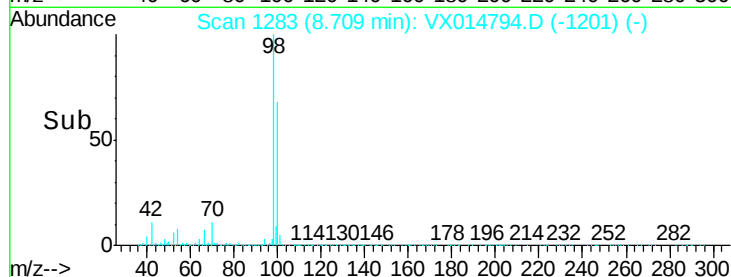
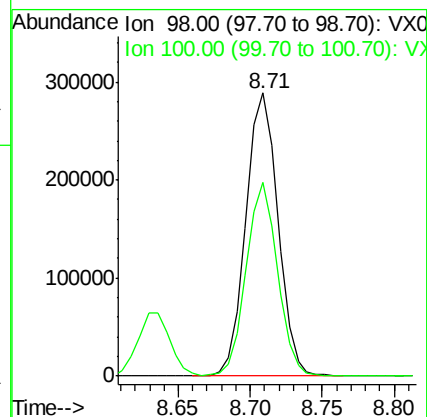
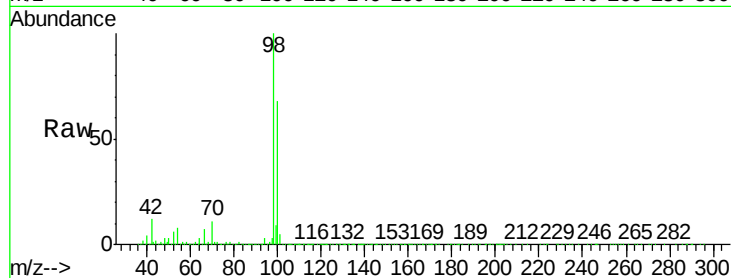
VX0203WBSD02

Tgt Ion: 98 Resp: 446162

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2



#64

Chlorobenzene

Concen: 20.78 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014794.D

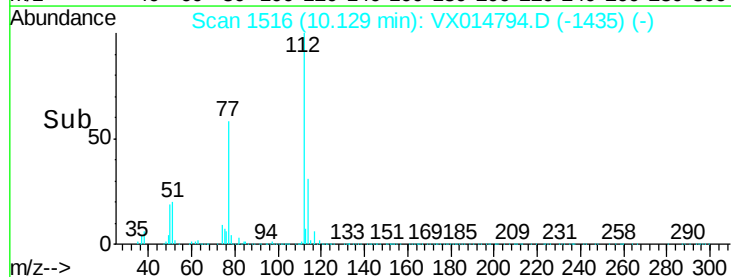
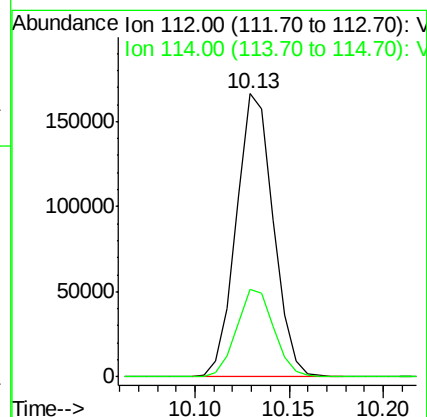
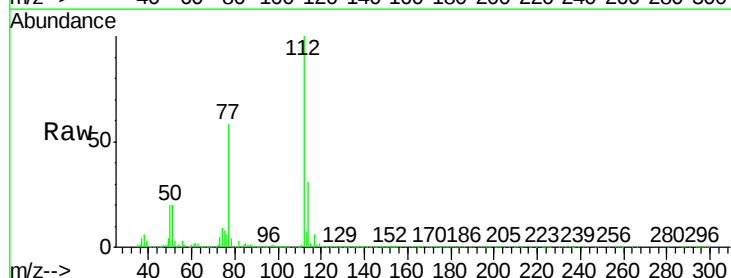
Acq: 03 Feb 2020 14:17

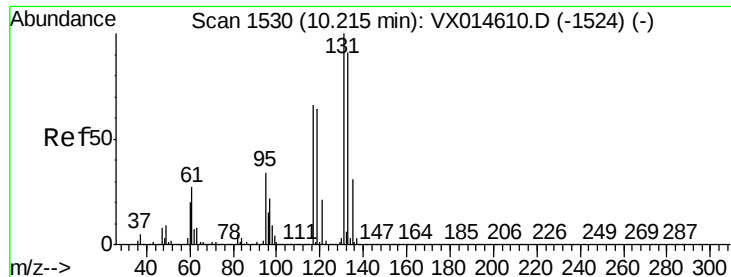
Tgt Ion: 112 Resp: 227038

Ion Ratio Lower Upper

112 100

114 31.1 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.77 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

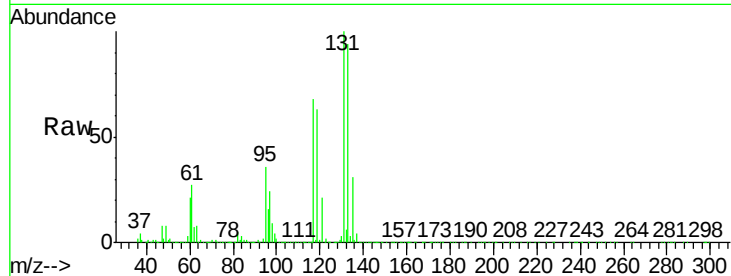
Tgt Ion:131 Resp: 83812

Ion Ratio Lower Upper

131 100

133 96.7 0.0 189.8

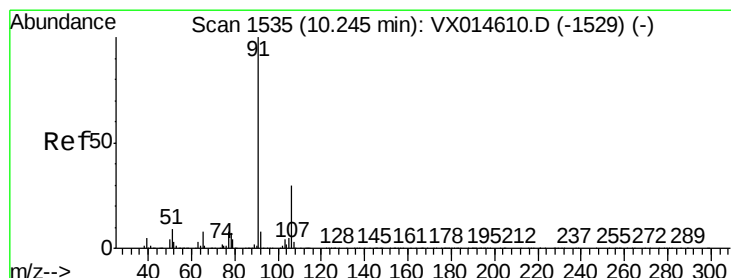
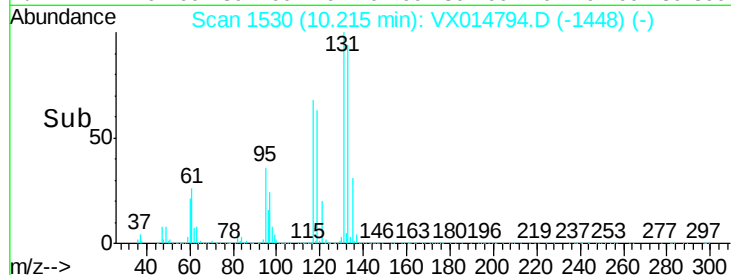
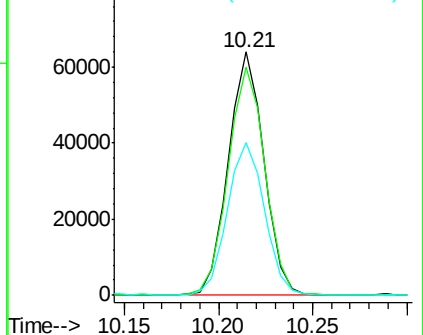
119 64.9 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.36 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014794.D

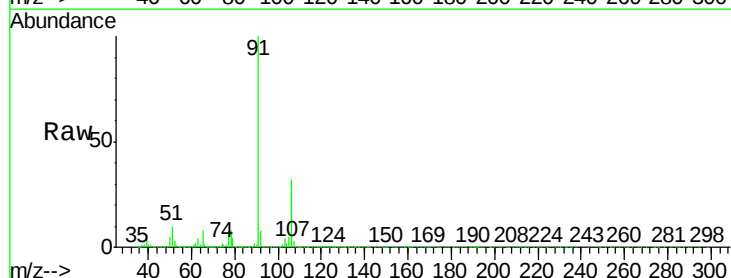
Acq: 03 Feb 2020 14:17

Tgt Ion: 91 Resp: 388055

Ion Ratio Lower Upper

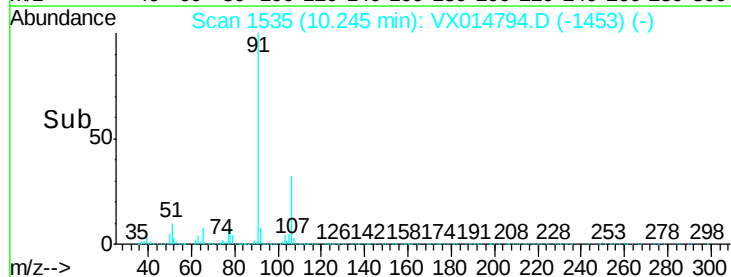
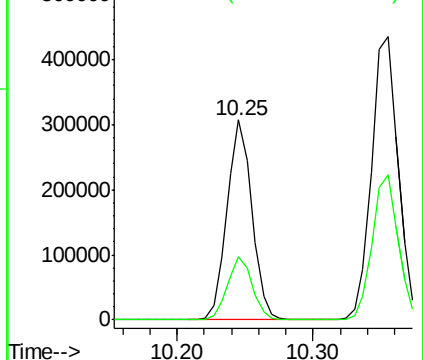
91 100

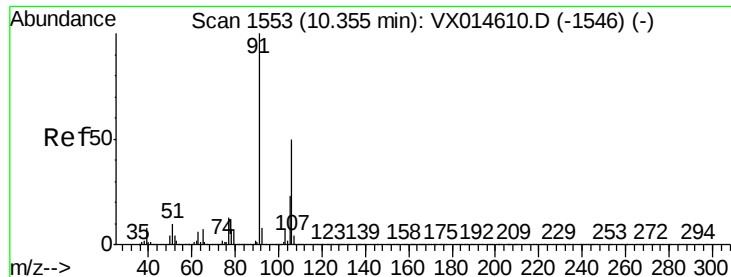
106 31.8 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

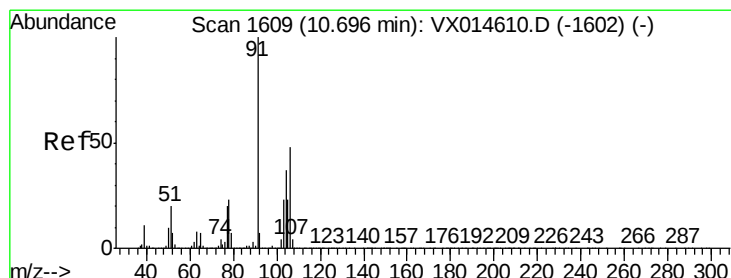
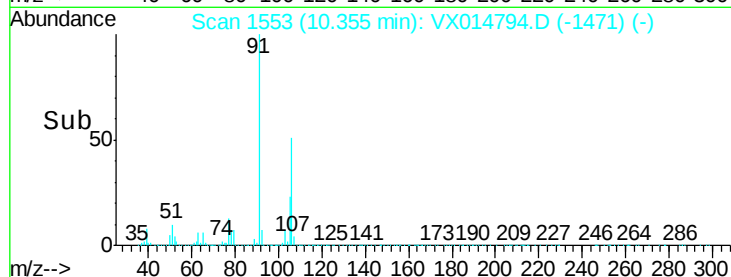
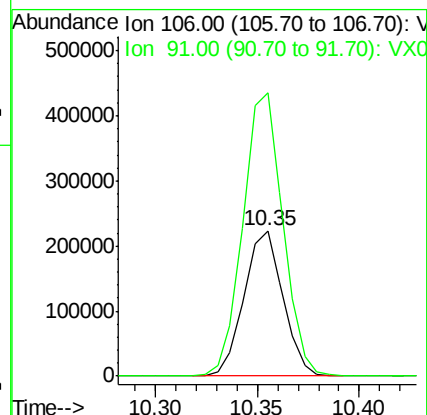
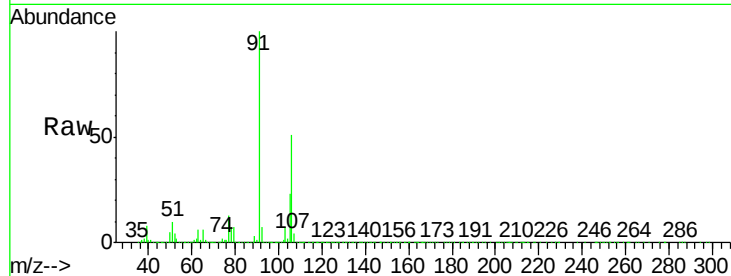




#67
m/p-Xylenes
Concen: 40.58 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

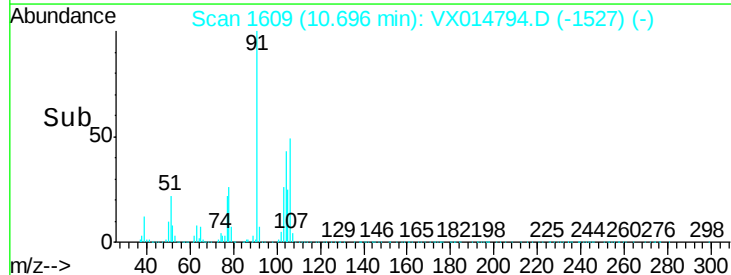
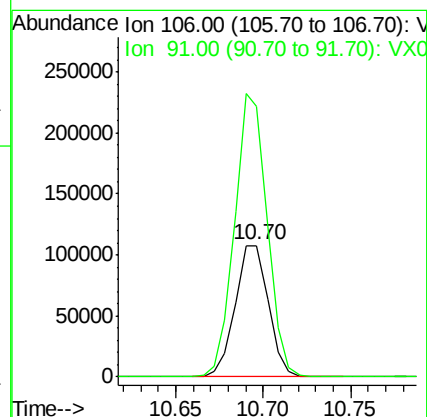
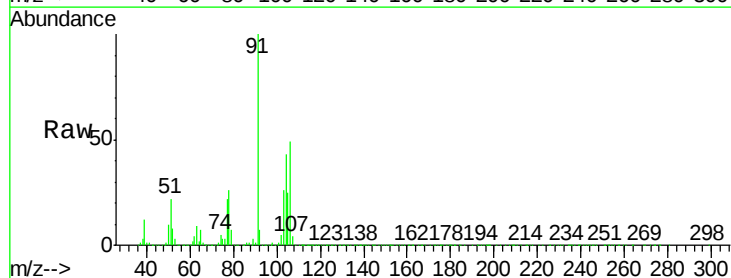
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

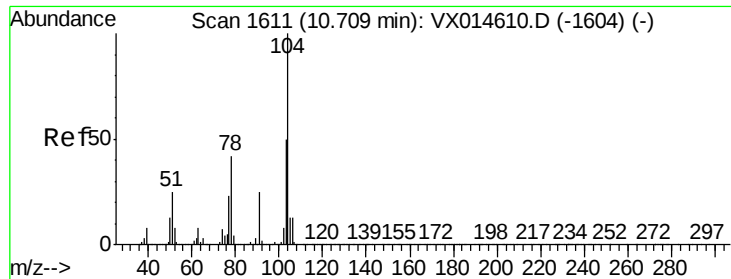
Tgt Ion:106 Resp: 296306
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9



#68
o-Xylene
Concen: 19.90 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion:106 Resp: 141503
Ion Ratio Lower Upper
106 100
91 211.5 104.8 314.6

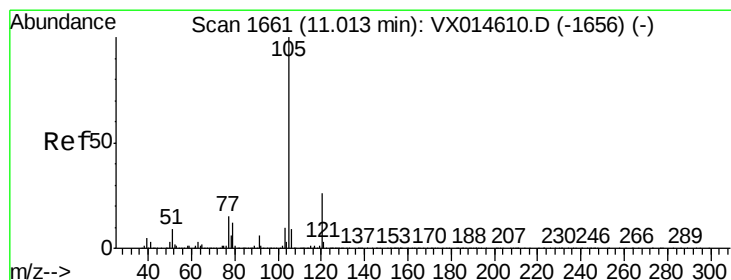
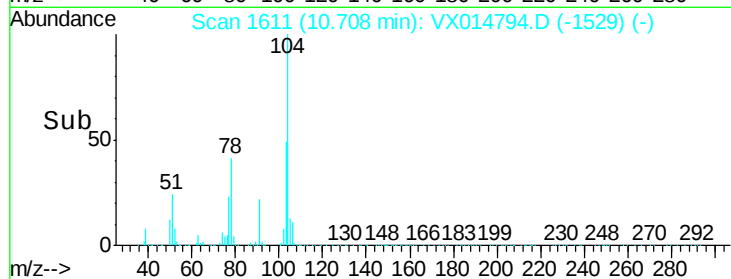
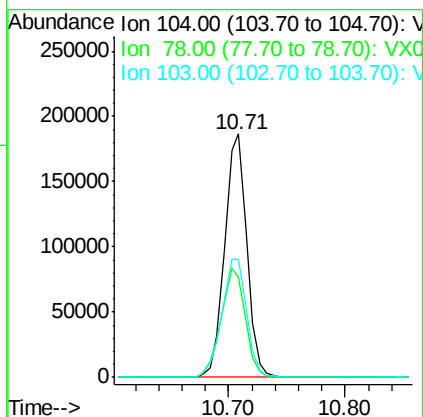
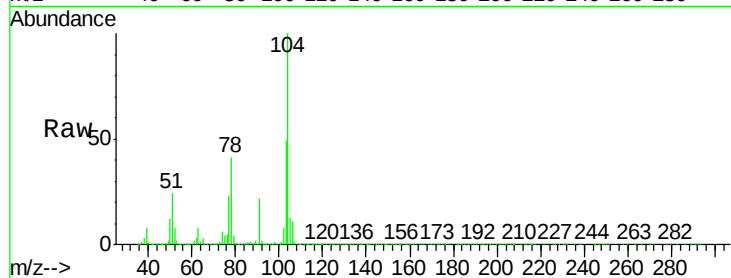




#69
Styrene
Concen: 20.36 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

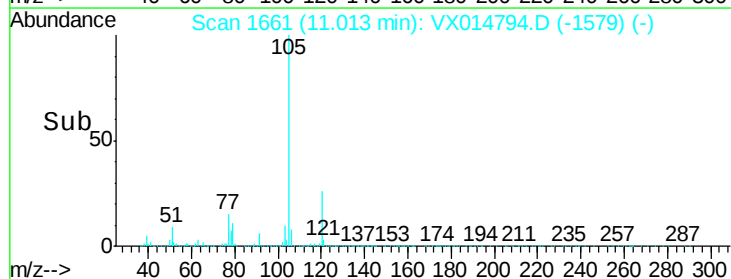
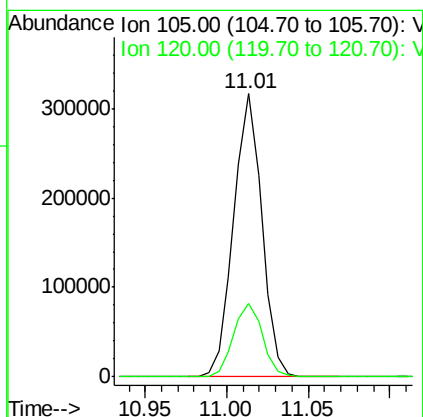
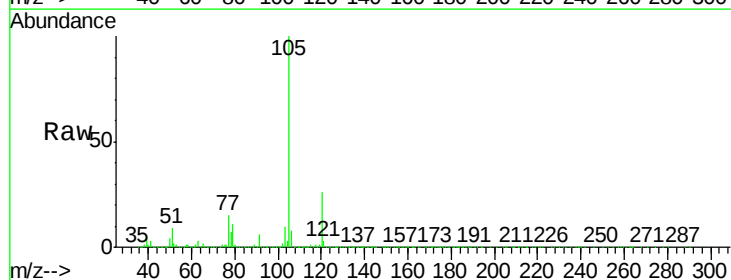
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

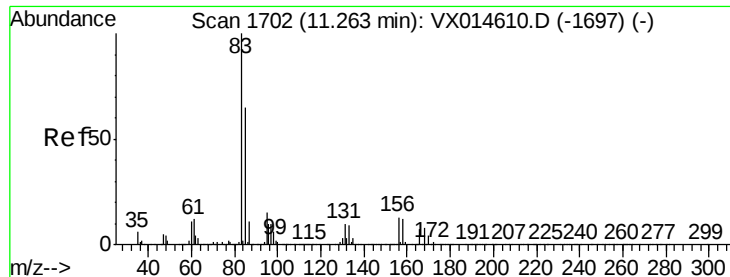
Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.0	44.2	66.2



#70
Isopropylbenzene
Concen: 20.48 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.1	35.5

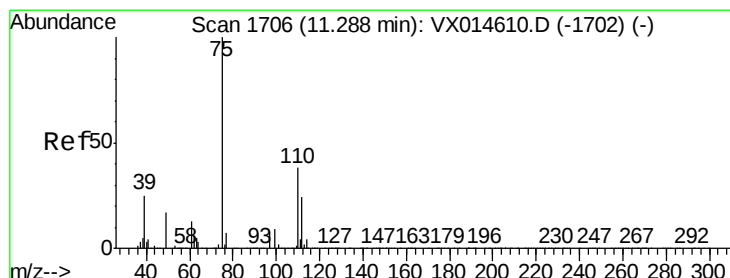
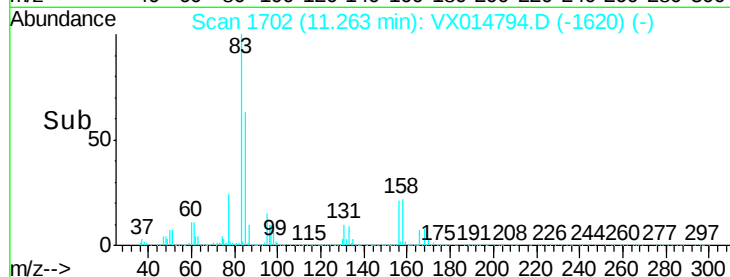
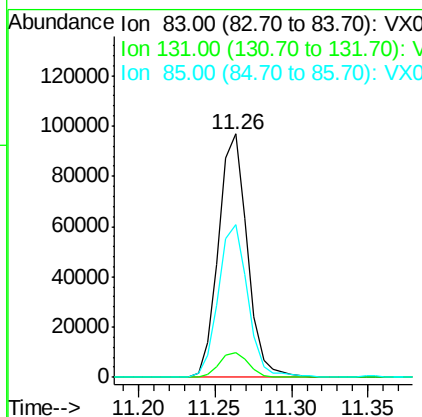
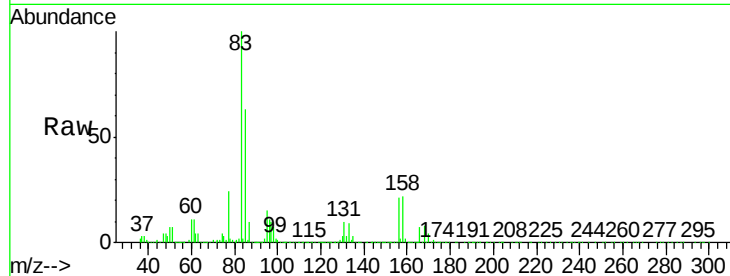




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.18 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

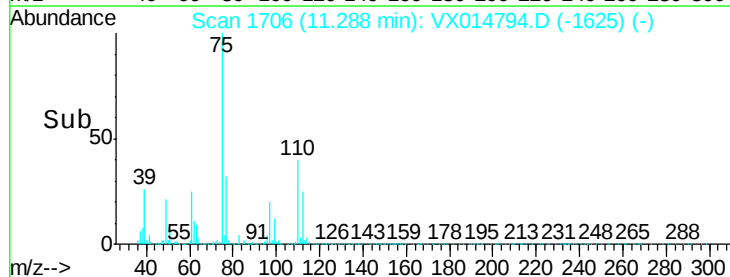
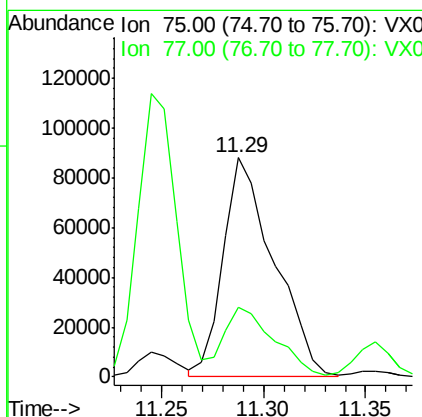
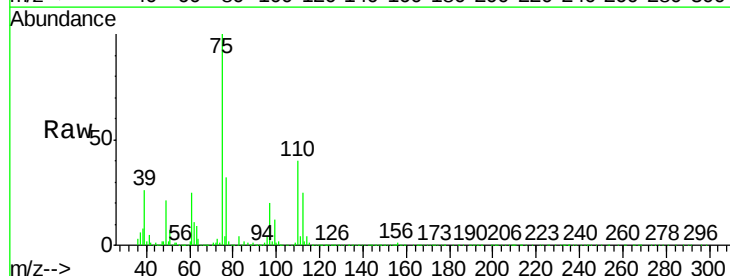
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

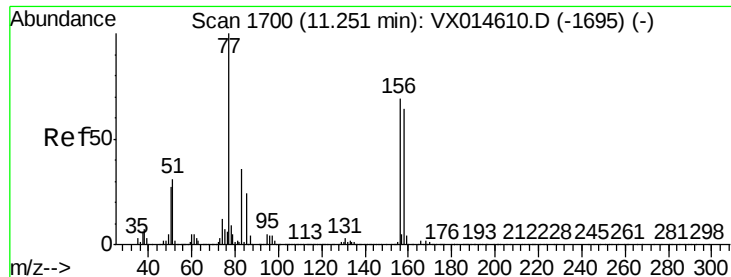
Tgt Ion: 83 Resp: 126586
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.7
 85 63.7 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 28.31 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion: 75 Resp: 151946
 Ion Ratio Lower Upper
 75 100
 77 31.7 0.0 68.4





#73

Bromobenzene

Concen: 20.34 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

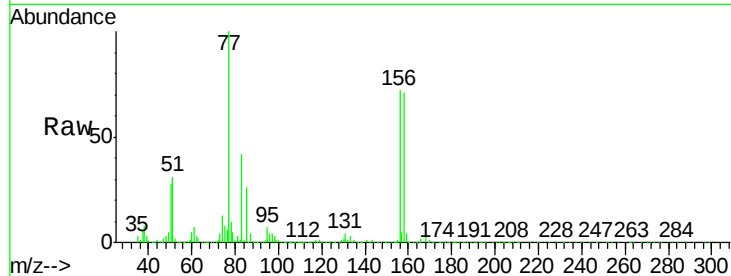
Tgt Ion:156 Resp: 100420

Ion Ratio Lower Upper

156 100

77 148.4 0.0 304.6

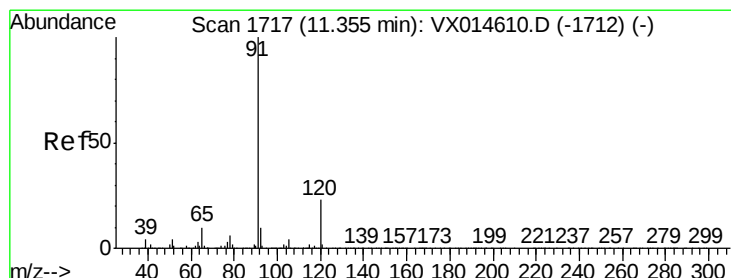
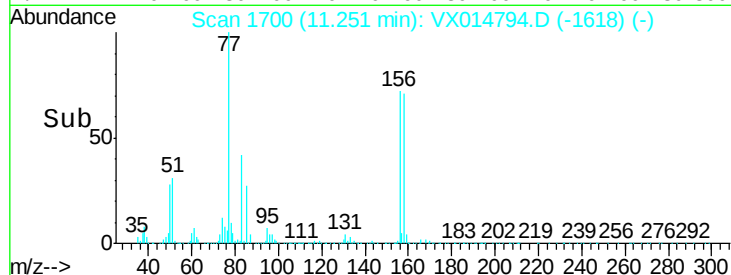
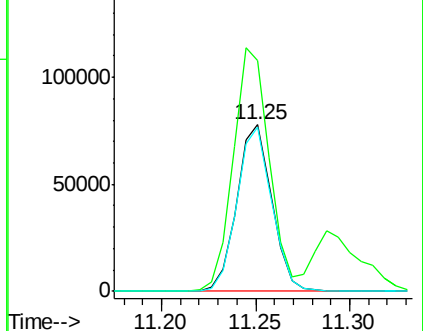
158 97.9 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.49 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014794.D

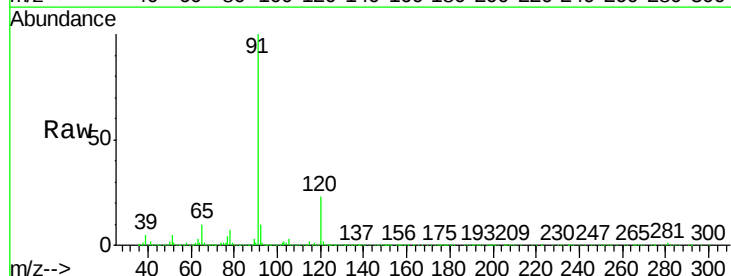
Acq: 03 Feb 2020 14:17

Tgt Ion: 91 Resp: 436094

Ion Ratio Lower Upper

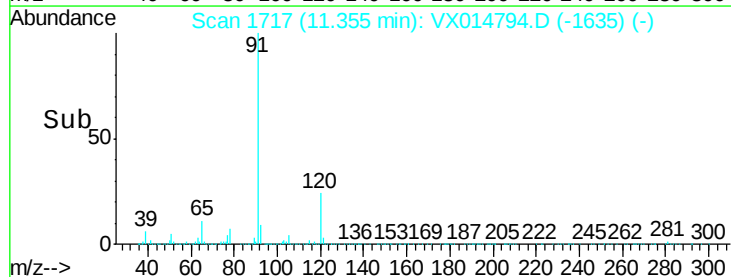
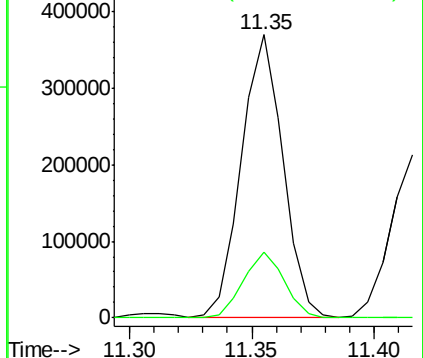
91 100

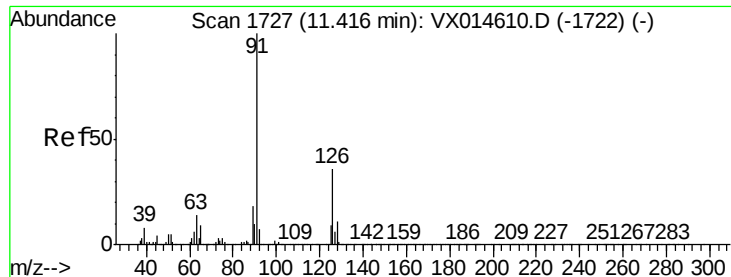
120 22.9 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.41 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

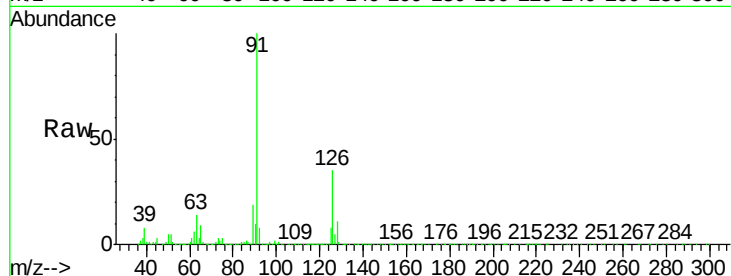
VX0203WBSD02

Tgt Ion: 91 Resp: 260400

Ion Ratio Lower Upper

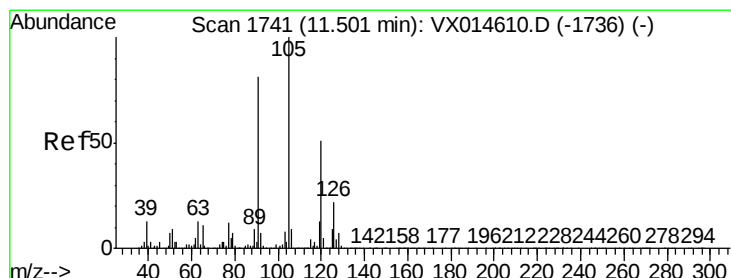
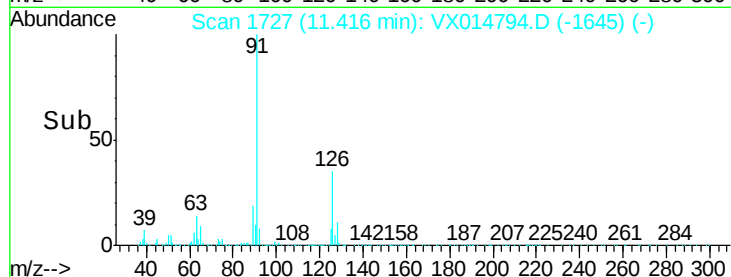
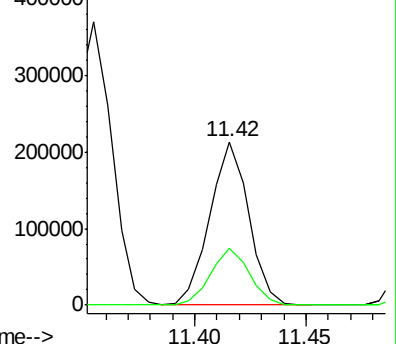
91 100

126 34.7 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.39 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014794.D

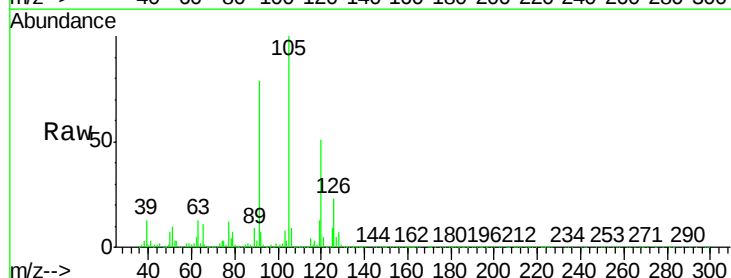
Acq: 03 Feb 2020 14:17

Tgt Ion: 105 Resp: 316500

Ion Ratio Lower Upper

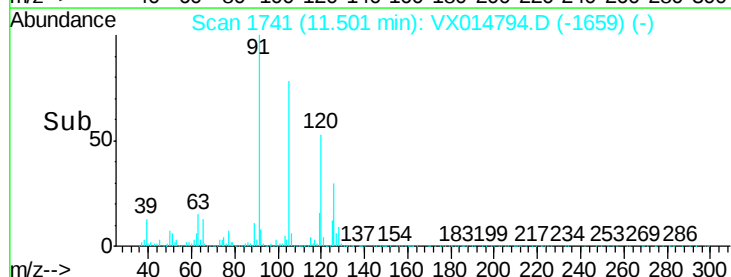
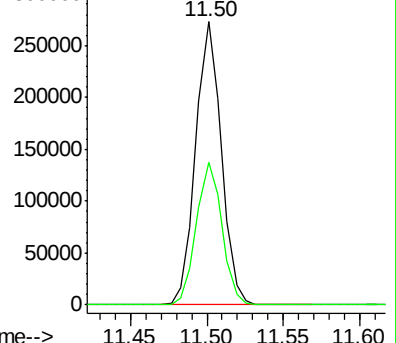
105 100

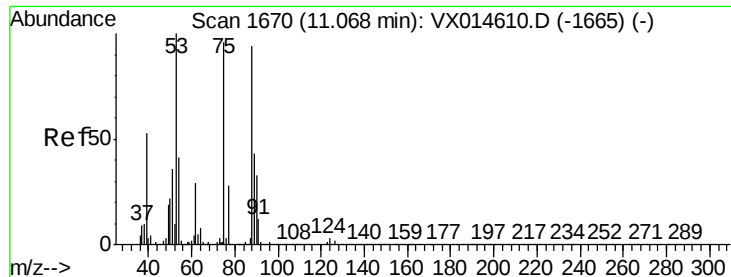
120 50.7 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 19.88 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

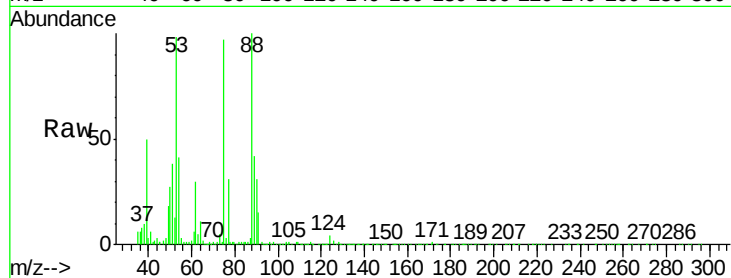
Tgt Ion: 75 Resp: 41057

Ion Ratio Lower Upper

75 100

53 100.7 54.4 163.1

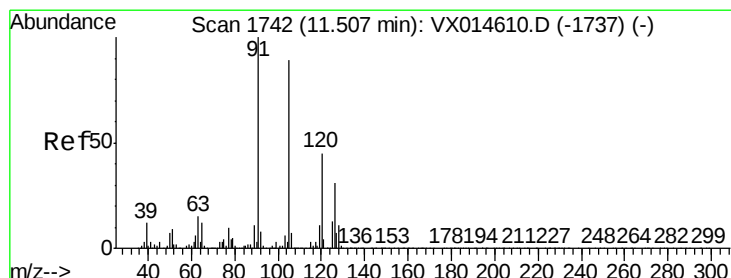
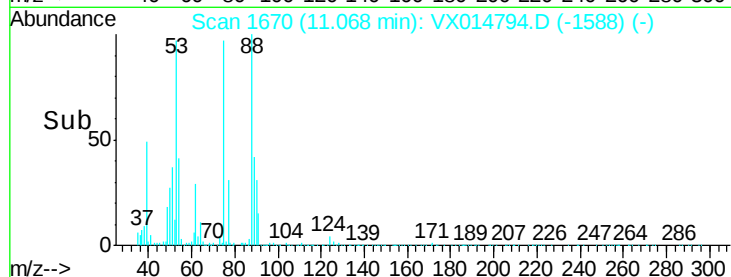
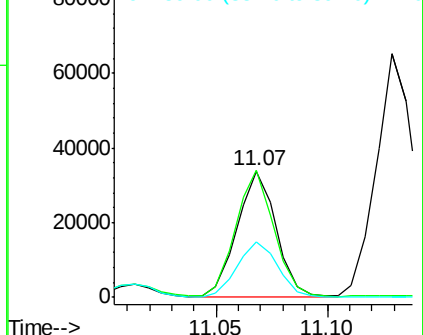
89 43.5 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.21 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014794.D

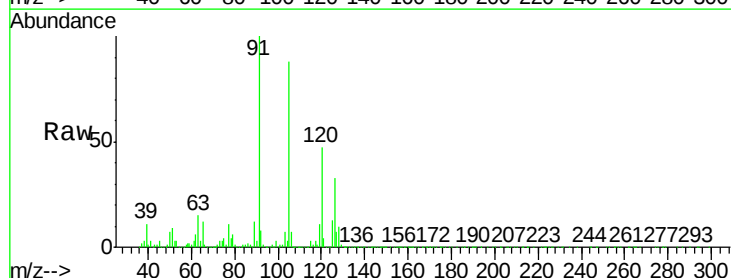
Acq: 03 Feb 2020 14:17

Tgt Ion: 91 Resp: 292702

Ion Ratio Lower Upper

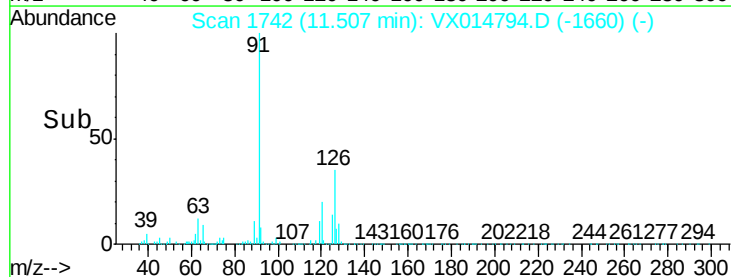
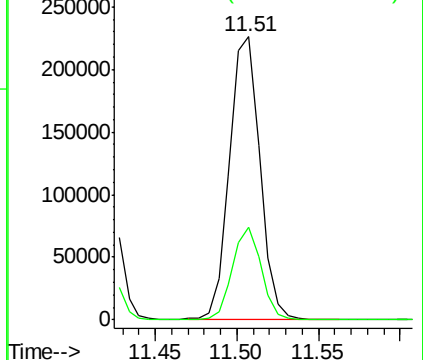
91 100

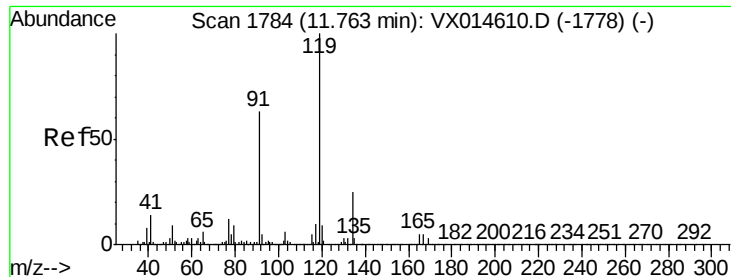
126 31.1 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

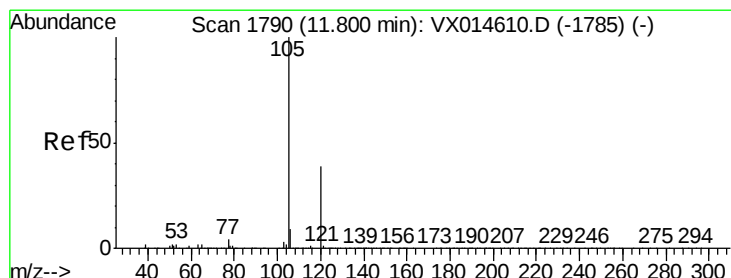
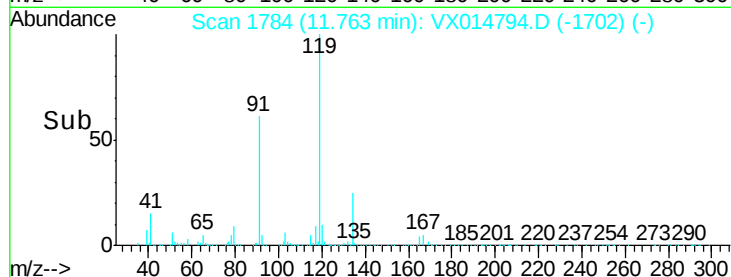
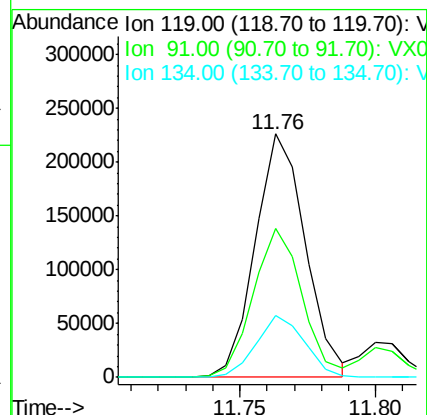
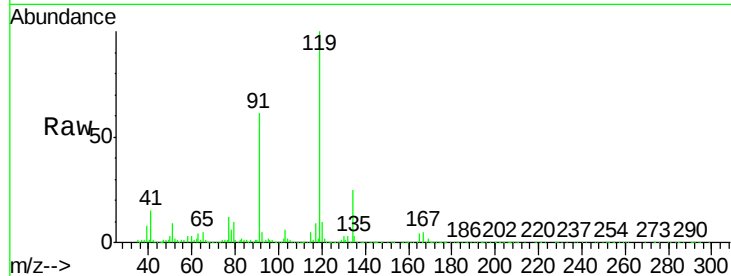




#79
tert-butylbenzene
Concen: 19.86 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

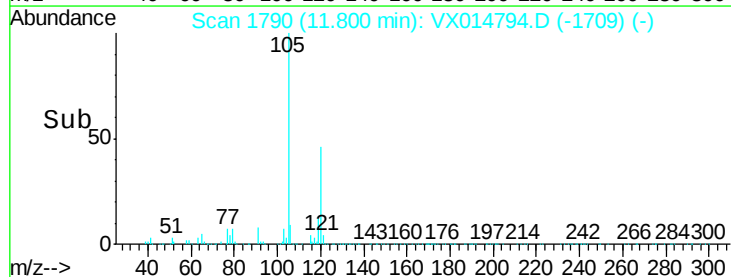
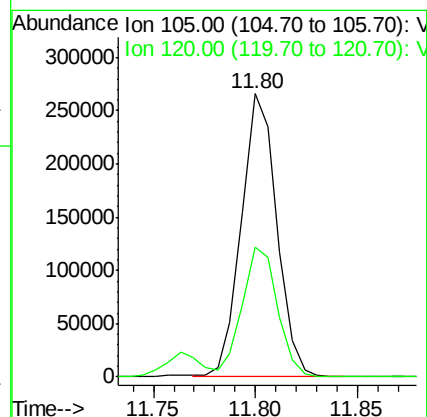
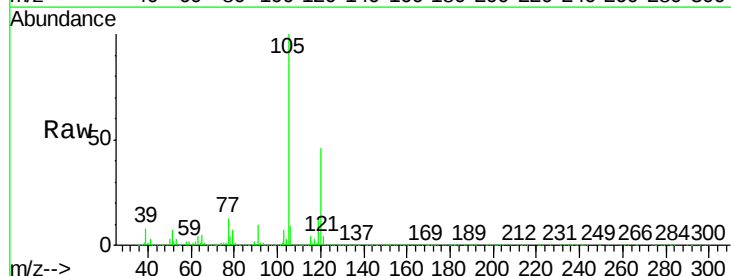
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

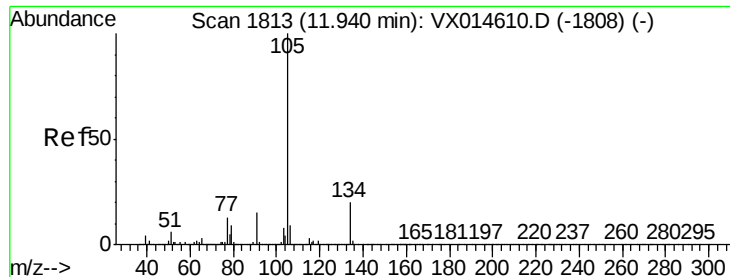
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.0	0.0	112.6
134	24.5	0.0	49.8



#80
1,2,4-Trimethylbenzene
Concen: 20.59 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	92.0





#81

sec-Butylbenzene

Concen: 20.41 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

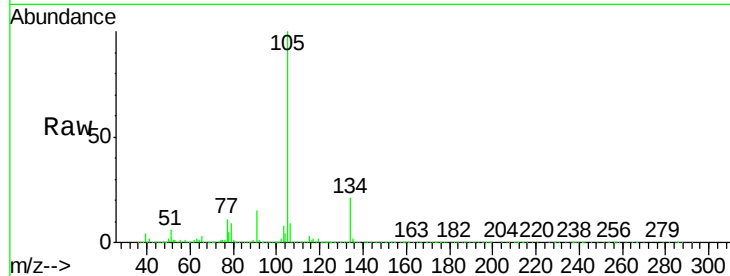
VX0203WBSD02

Tgt Ion:105 Resp: 366796

Ion Ratio Lower Upper

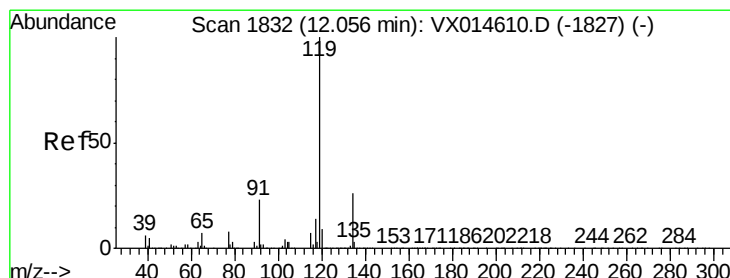
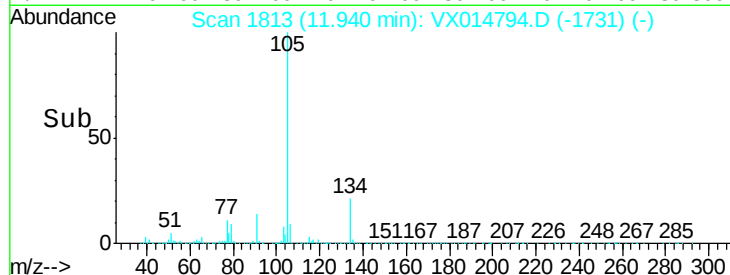
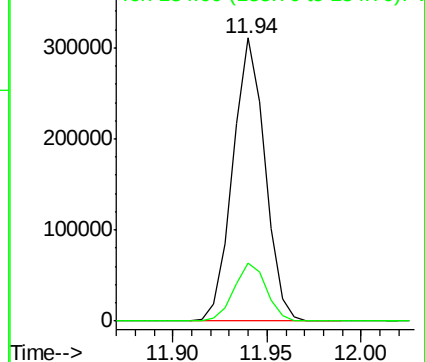
105 100

134 20.8 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.46 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

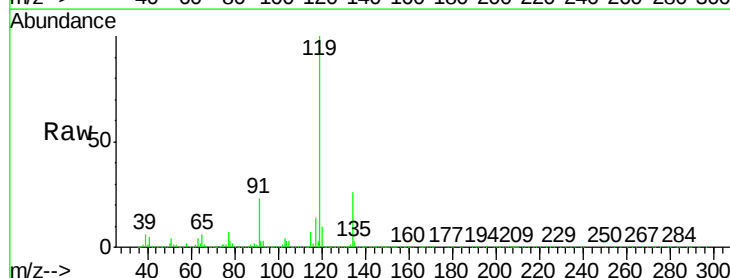
Tgt Ion:119 Resp: 335646

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.8

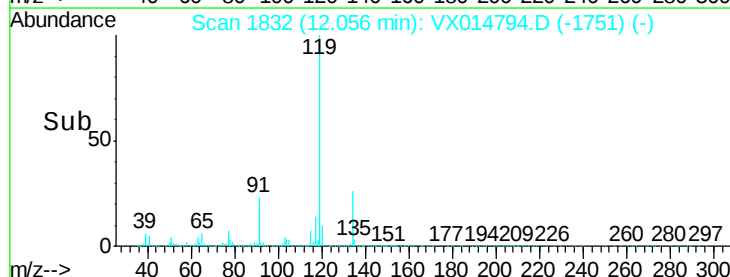
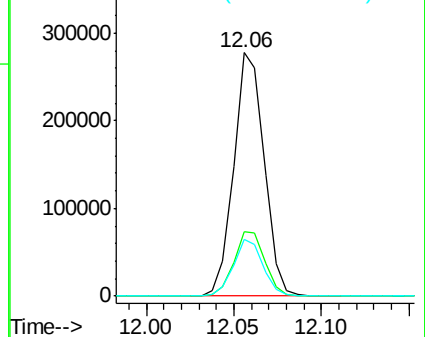
91 22.5 0.0 45.0

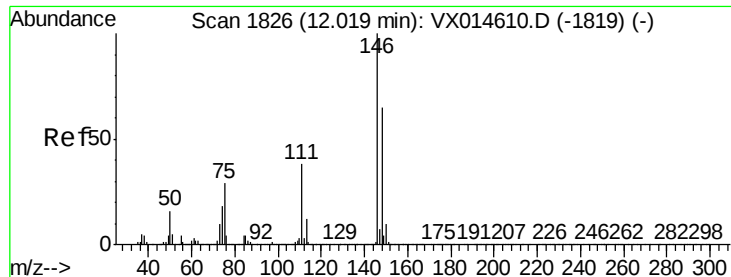


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

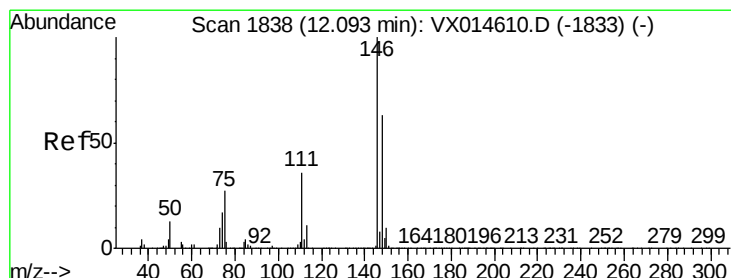
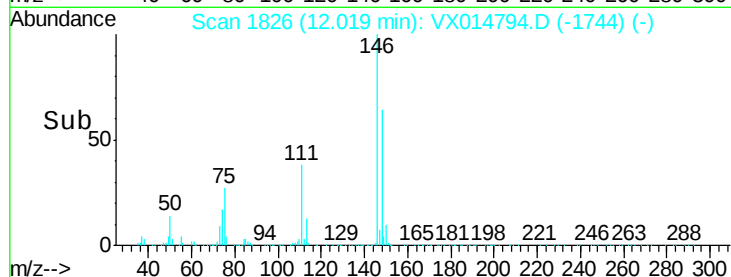
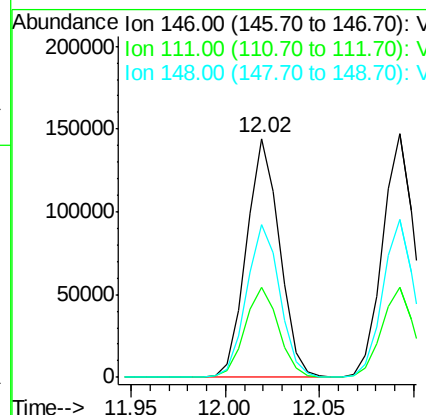
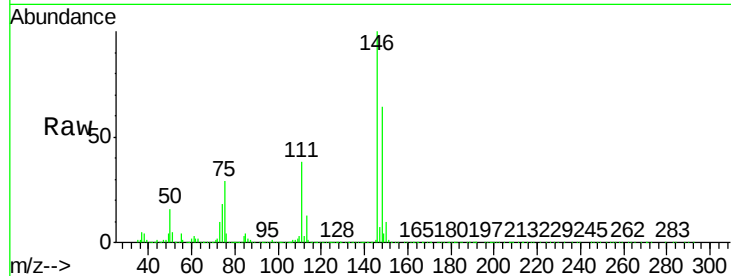




#83
 1,3-Dichlorobenzene
 Concen: 20.42 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

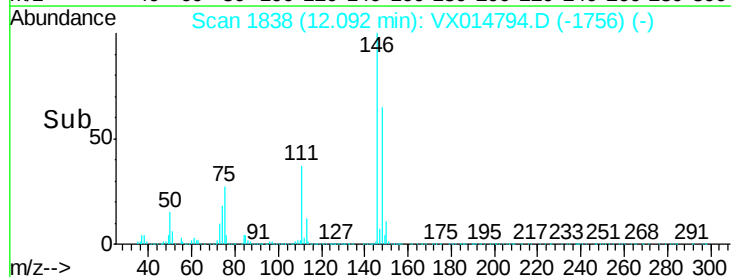
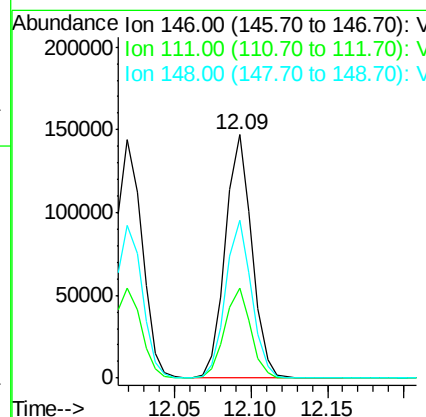
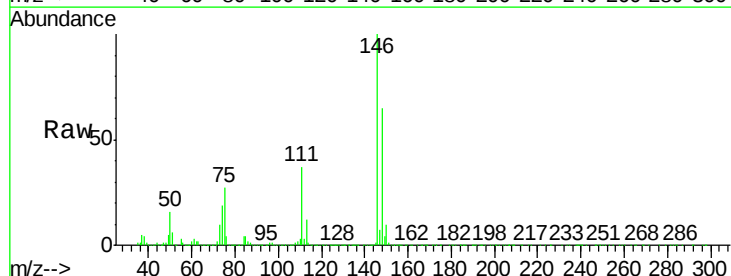
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

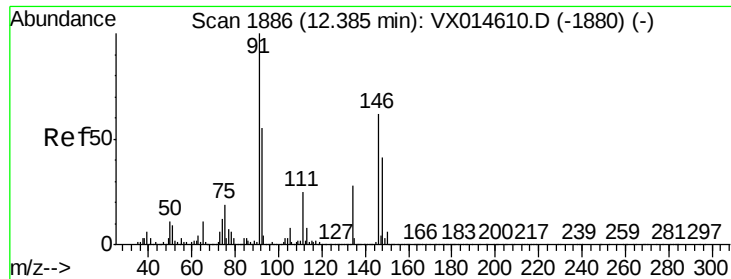
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	64.0	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.65 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	63.7	32.0	96.0

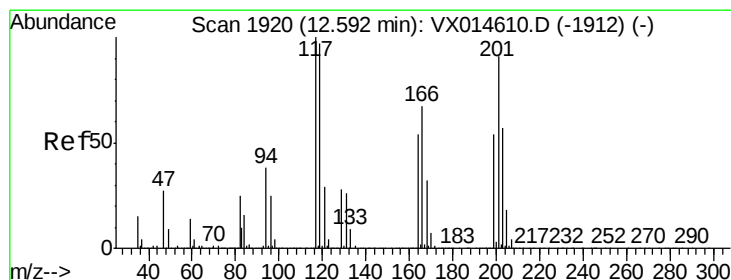
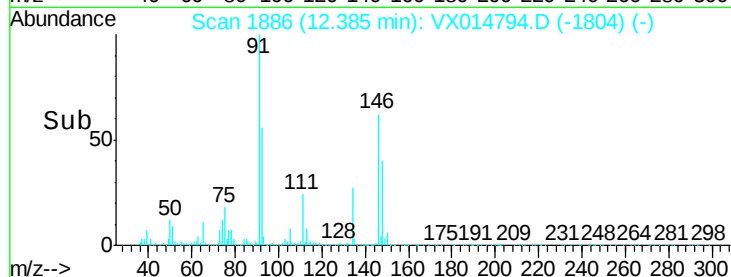
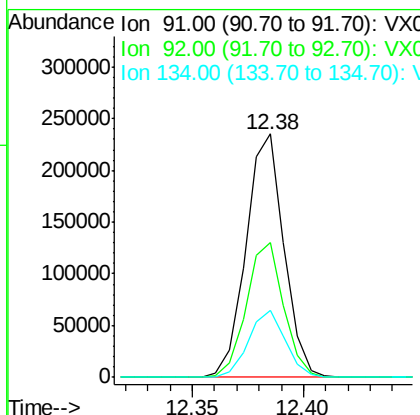
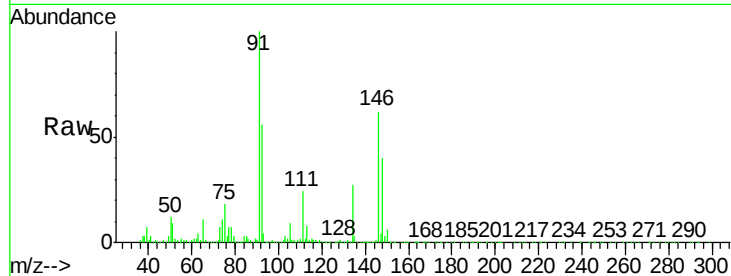




#85
n-Butylbenzene
Concen: 19.45 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

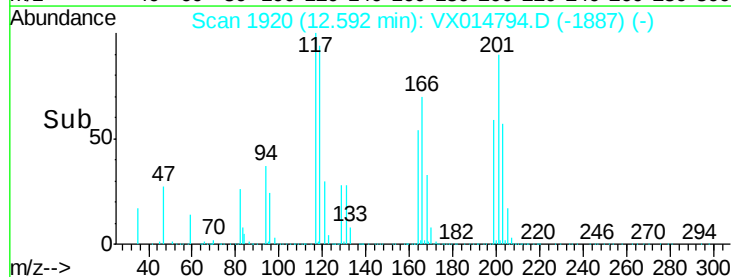
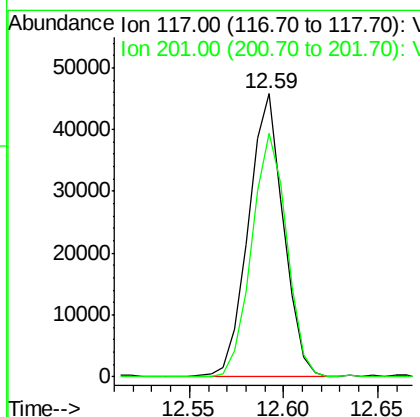
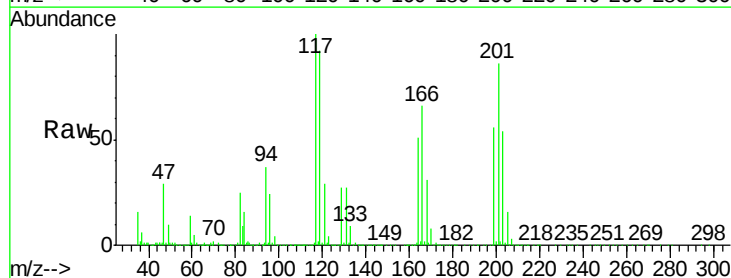
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

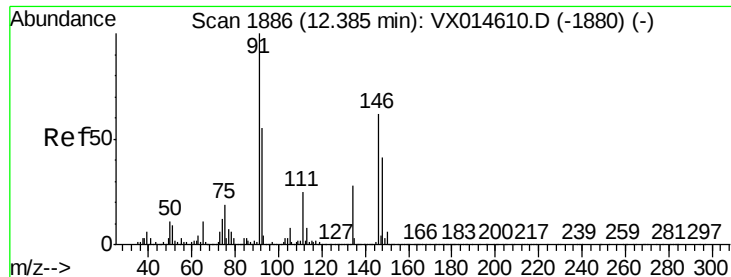
Tgt Ion: 91 Resp: 279212
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 26.8 0.0 54.0



#86
Hexachloroethane
Concen: 19.92 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion: 117 Resp: 58603
Ion Ratio Lower Upper
117 100
201 86.5 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 20.42 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

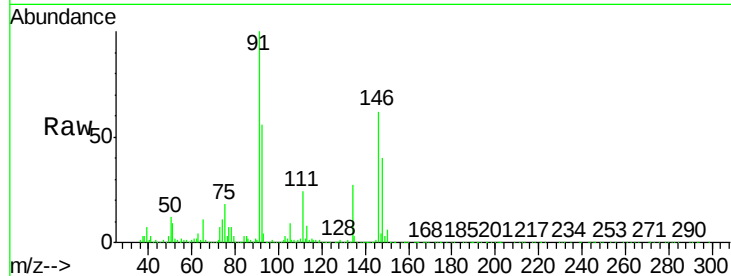
Tgt Ion: 146 Resp: 177653

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

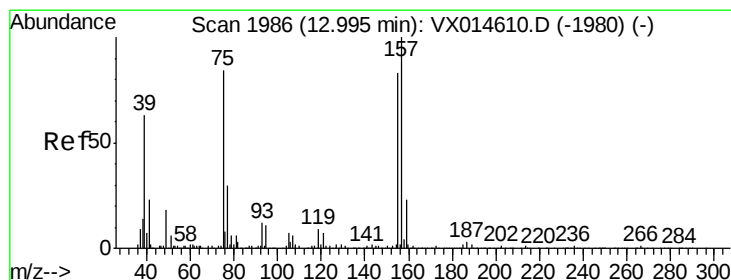
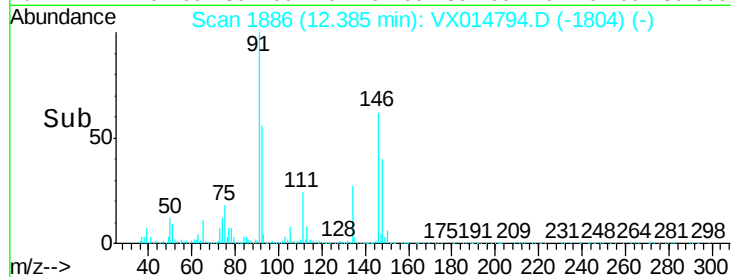
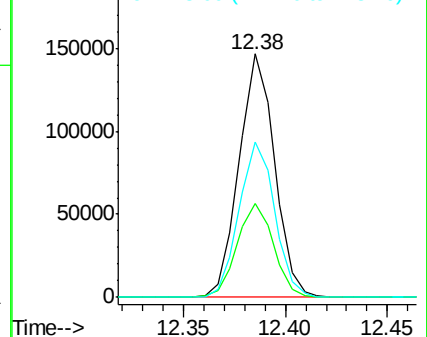
148 63.9 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.43 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

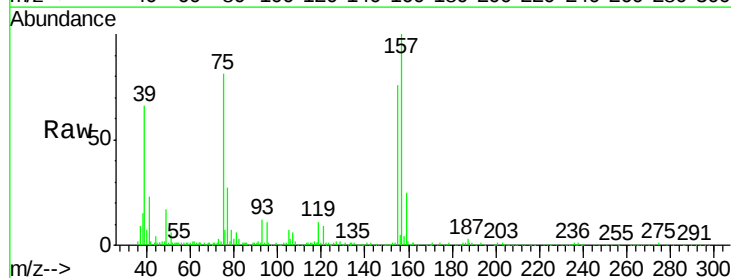
Tgt Ion: 75 Resp: 27381

Ion Ratio Lower Upper

75 100

155 94.3 73.8 110.6

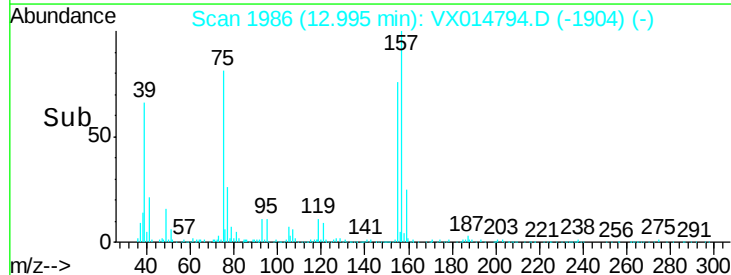
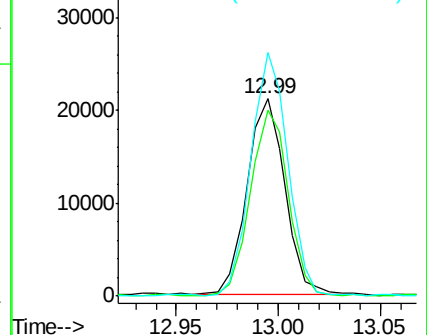
157 120.6 95.0 142.4

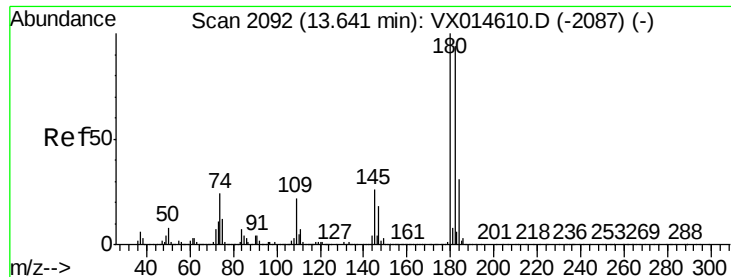


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

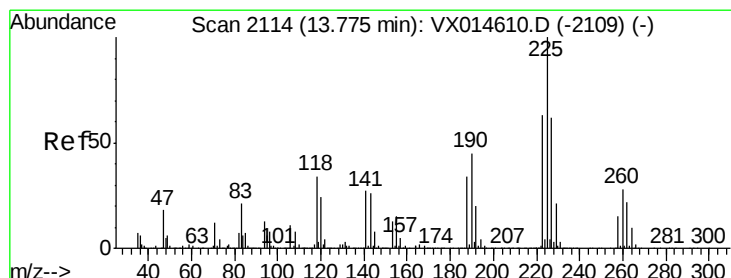
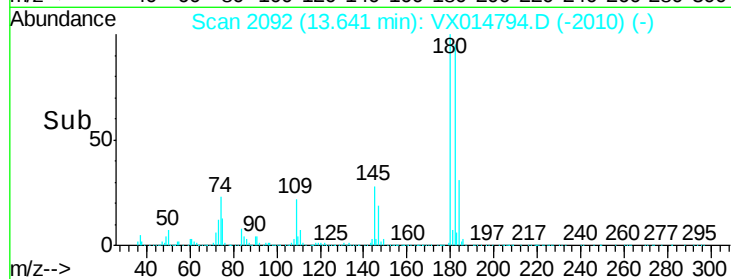
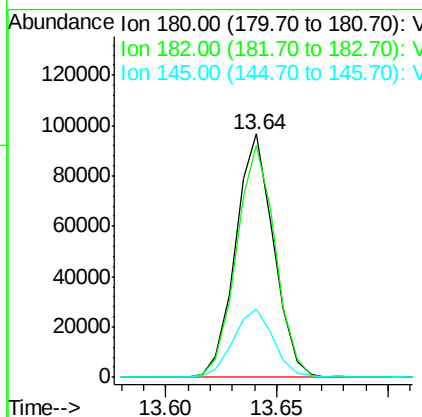
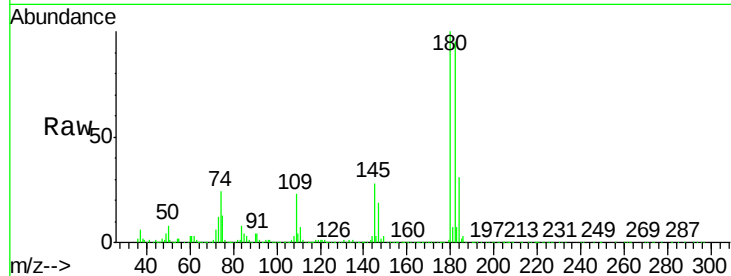




#89
 1,2,4-Trichlorobenzene
 Concen: 20.09 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

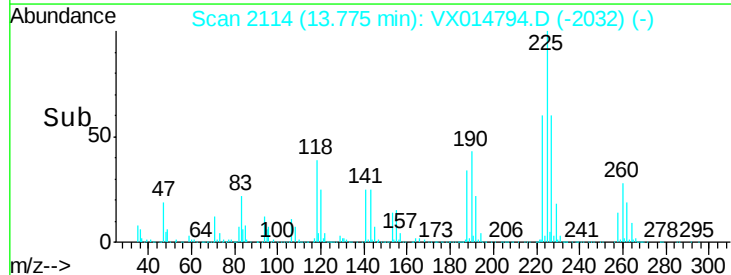
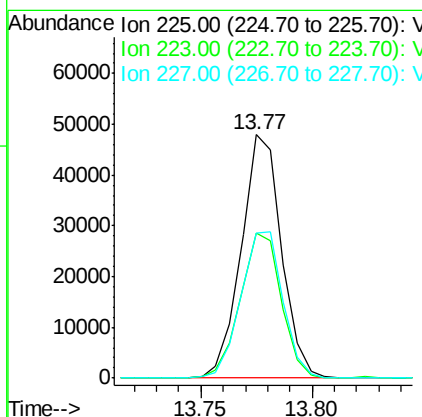
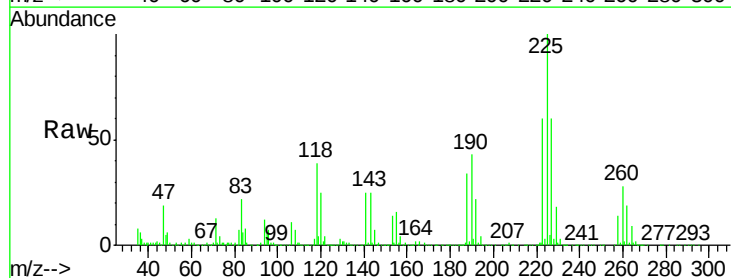
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

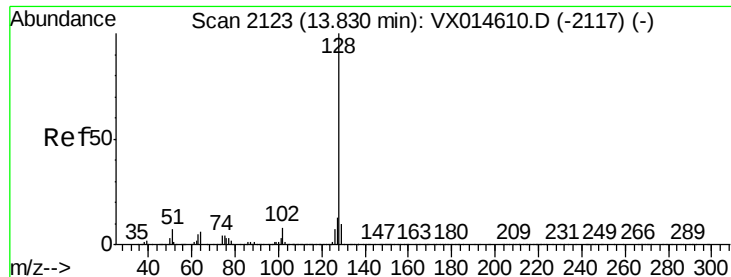
Tgt Ion:180 Resp: 115320
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 145 29.3 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 21.09 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion:225 Resp: 60511
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 127.4
 227 62.7 0.0 122.8

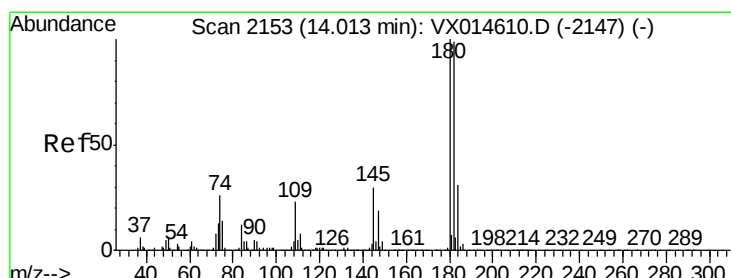
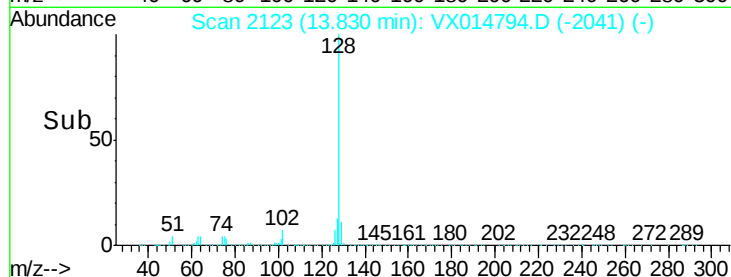
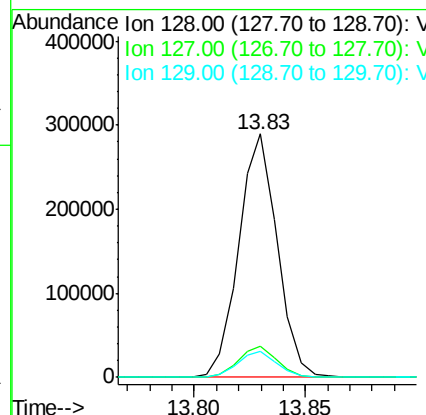
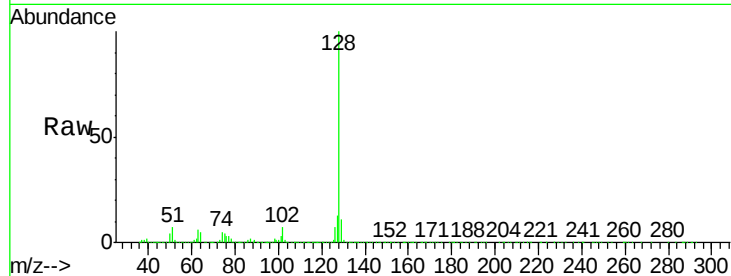




#91
Naphthalene
Concen: 20.12 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.83 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	192.8
145	29.5	0.0	60.0

