

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014553.D
 Acq On : 10 Jan 2020 22:33
 Operator : JC/SP
 Sample : VX0110WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Quant Time: Jan 10 23:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	443540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	690740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299180	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	255399	51.58	ug/l	0.00
Spiked Amount						
			Recovery	=	103.16%	
35) Dibromofluoromethane	5.49	113	204733	48.96	ug/l	0.00
Spiked Amount						
			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	778716	47.99	ug/l	0.00
Spiked Amount						
			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	268759	45.12	ug/l	0.00
Spiked Amount						
			Recovery	=	90.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	104052	19.053	ug/l	99
3) Chloromethane	1.32	50	118744	21.003	ug/l	96
4) Vinyl Chloride	1.40	62	133389	21.173	ug/l	99
5) Bromomethane	1.64	94	78886	18.890	ug/l	99
6) Chloroethane	1.72	64	76295	21.489	ug/l	99
7) Trichlorofluoromethane	1.92	101	134478	18.817	ug/l	100
8) Diethyl Ether	2.18	74	65739	20.163	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79067	18.185	ug/l	99
10) Methyl Iodide	2.50	142	107572	20.662	ug/l	99
11) Tert butyl alcohol	3.02	59	117623	113.772	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83990	19.173	ug/l	99
13) Acrolein	2.28	56	66800	80.613	ug/l	99
14) Allyl chloride	2.72	41	150648	19.588	ug/l	98
15) Acrylonitrile	3.13	53	270470	108.395	ug/l	99
16) Acetone	2.43	43	305269	120.802	ug/l	99
17) Carbon Disulfide	2.56	76	218322	17.861	ug/l	97
18) Methyl Acetate	2.76	43	166275	23.365	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304603	21.661	ug/l	100
20) Methylene Chloride	2.85	84	103256	20.730	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	89694	18.755	ug/l	98
22) Diisopropyl ether	3.84	45	317816	21.383	ug/l	93
23) Vinyl Acetate	3.81	43	679383	59.040	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169586	20.974	ug/l	99
25) 2-Butanone	4.65	43	414909	112.180	ug/l	99
26) 2,2-Dichloropropane	4.58	77	113352	16.549	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	107975	20.197	ug/l	98
28) Bromochloromethane	5.01	49	69200	20.311	ug/l	97
29) Tetrahydrofuran	5.11	42	248081	113.448	ug/l	98
30) Chloroform	5.20	83	166351	21.055	ug/l	98
31) Cyclohexane	5.57	56	137171	18.125	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	134095	19.828	ug/l	99
36) 1,1-Dichloropropene	5.79	75	116226	17.893	ug/l	100
37) Ethyl Acetate	4.82	43	142461	20.191	ug/l	99
38) Carbon Tetrachloride	5.78	117	110554	18.495	ug/l	98

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Instrument :
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 VX0110WBSD02

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	138874	17.017	ug/l	97
40) Benzene	6.14	78	384832	19.961	ug/l	100
41) Methacrylonitrile	5.03	41	80768	21.466	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135452	20.094	ug/l	100
43) Isopropyl Acetate	6.43	43	239501	21.012	ug/l	99
44) Trichloroethene	7.21	130	111987	20.213	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99419	20.227	ug/l	98
46) Dibromomethane	7.65	93	67281	19.612	ug/l	99
47) Bromodichloromethane	7.89	83	124943	20.015	ug/l	98
48) Methyl methacrylate	7.76	41	113902	20.865	ug/l	99
49) 1,4-Dioxane	7.73	88	50627	437.677	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	753892	108.541	ug/l	99
52) Toluene	8.78	92	235774	19.104	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136704	18.810	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	148827	18.957	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99566	20.085	ug/l	99
56) Ethyl methacrylate	9.17	69	155731	20.506	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170639	20.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	274343	106.173	ug/l	99
59) 2-Hexanone	9.48	43	584757	106.402	ug/l	100
60) Dibromochloromethane	9.57	129	99461	19.962	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105445	20.081	ug/l	99
64) Tetrachloroethene	9.33	164	144928	23.673	ug/l	98
65) Chlorobenzene	10.14	112	252336	19.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95484	20.184	ug/l	100
67) Ethyl Benzene	10.25	91	424689	18.796	ug/l	99
68) m/p-Xylenes	10.35	106	328041	37.633	ug/l	100
69) o-Xylene	10.70	106	161820	19.457	ug/l	99
70) Styrene	10.71	104	270869	18.872	ug/l	100
71) Bromoform	10.85	173	75531	19.514	ug/l #	99
73) Isopropylbenzene	11.01	105	408247	19.432	ug/l	100
74) N-amyl acetate	10.89	43	191651	20.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128005	18.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167859	27.117	ug/l	81
77) Bromobenzene	11.25	156	113095	19.411	ug/l	100
78) n-propylbenzene	11.35	91	455393	18.927	ug/l	100
79) 2-Chlorotoluene	11.42	91	276484	19.281	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346815	19.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44015	18.799	ug/l	92
82) 4-Chlorotoluene	11.51	91	318366	18.914	ug/l	99
83) tert-Butylbenzene	11.76	119	287080	17.419	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	348822	19.791	ug/l	100
85) sec-Butylbenzene	11.94	105	384874	18.785	ug/l	100
86) p-Isopropyltoluene	12.06	119	349927	18.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193318	18.489	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193396	19.328	ug/l	99
89) n-Butylbenzene	12.39	91	292210	16.810	ug/l	99
90) Hexachloroethane	12.59	117	60040	17.979	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	195416	19.076	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32166	21.225	ug/l	97

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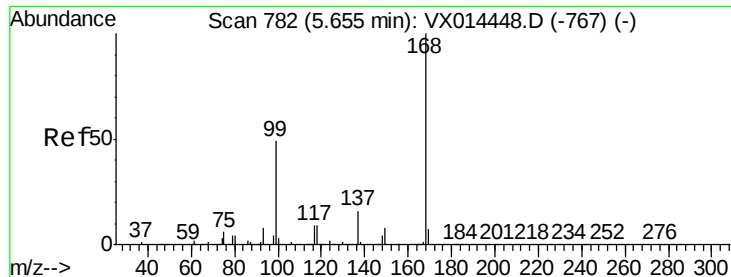
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Quant Time: Jan 10 23:40:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124705	17.271	ug/l	98
94) Hexachlorobutadiene	13.77	225	59182	17.615	ug/l	99
95) Naphthalene	13.83	128	413903	18.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132948	18.672	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

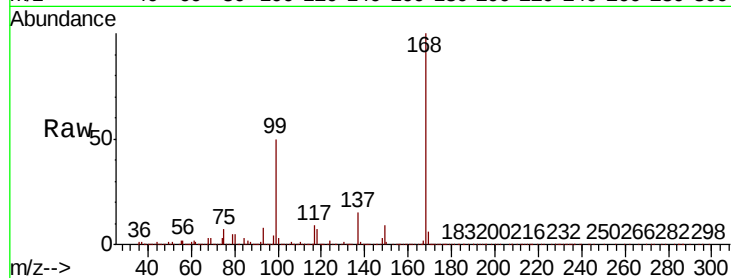
VX0110WBSD02

Tot Ion:168 Resp: 443540

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

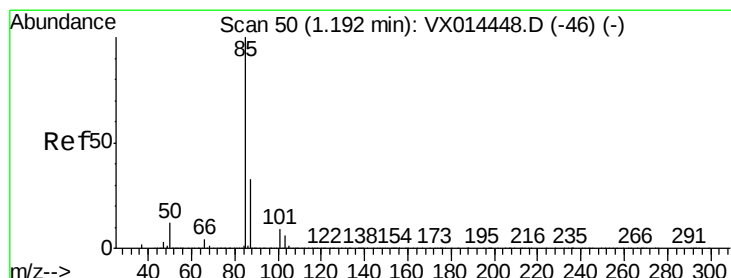
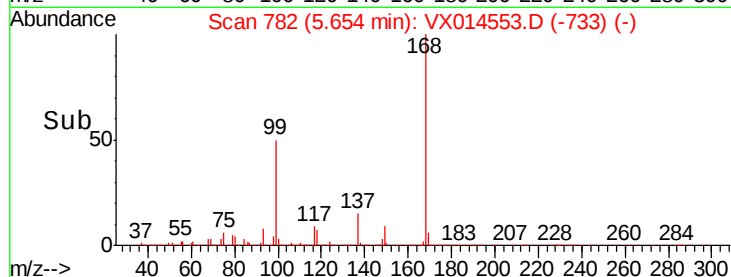
150000

100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 19.053 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014553.D

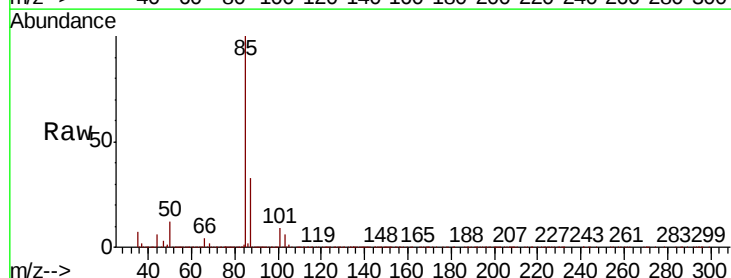
Acq: 10 Jan 2020 22:33

Tgt Ion: 85 Resp: 104052

Ion Ratio Lower Upper

85 100

87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

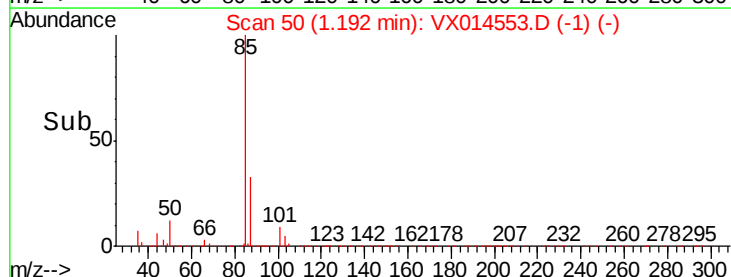
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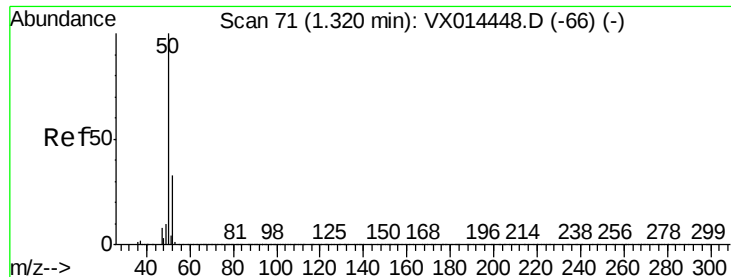
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#3

Chloromethane

Concen: 21.003 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

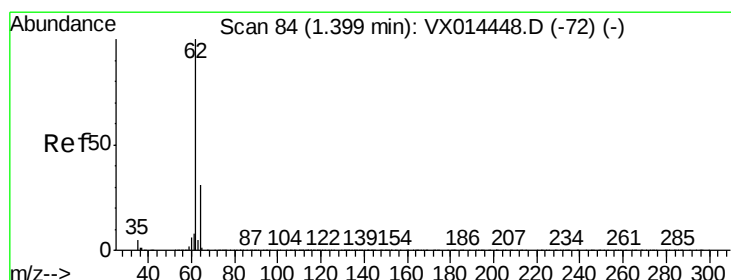
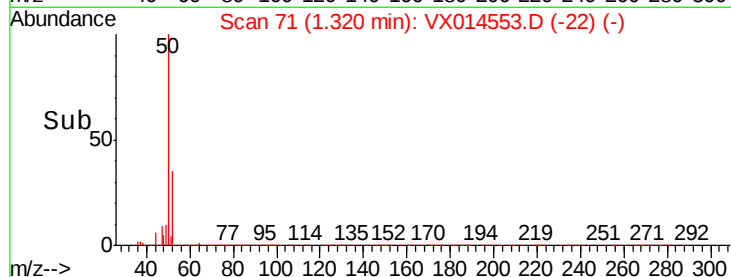
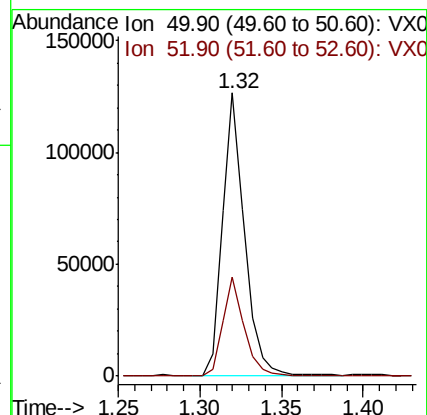
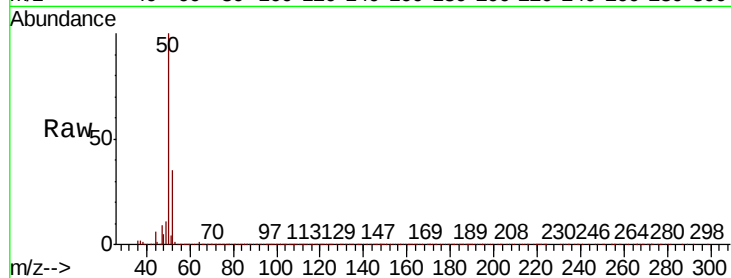
VX0110WBSD02

Tot Ion: 50 Resp: 118744

Ion Ratio Lower Upper

50 100

52 34.7 26.1 39.1



#4

Vinyl Chloride

Concen: 21.173 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014553.D

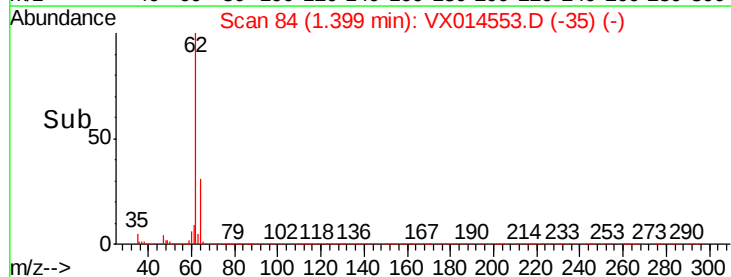
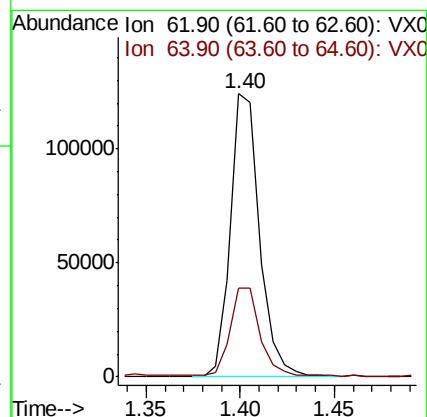
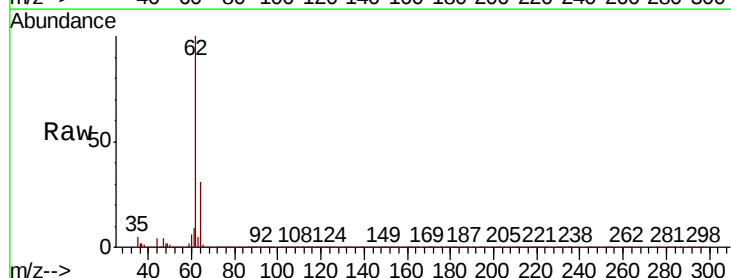
Acq: 10 Jan 2020 22:33

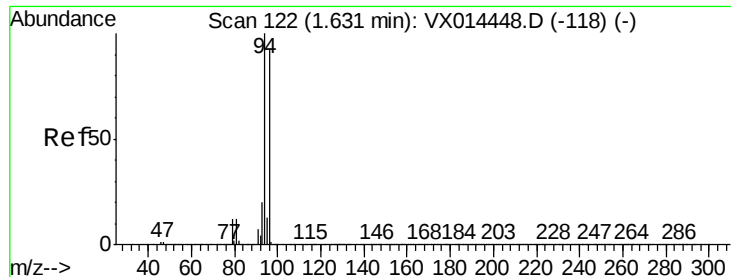
Tgt Ion: 62 Resp: 133389

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 18.890 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

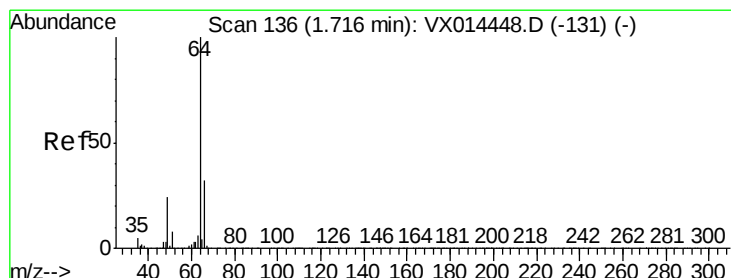
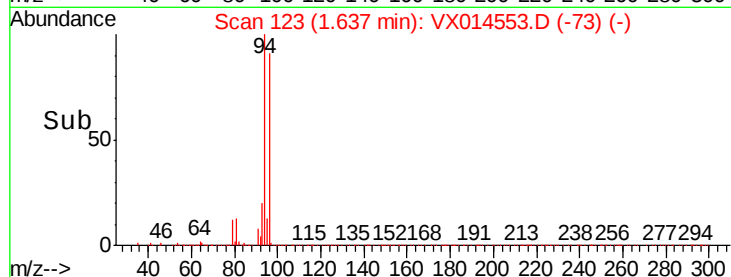
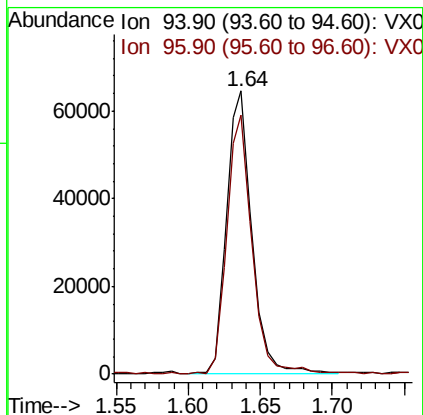
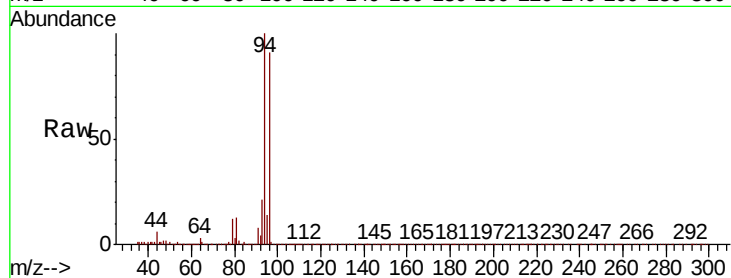
VX0110WBSD02

Tot Ion: 94 Resp: 78886

Ion Ratio Lower Upper

94 100

96 91.4 74.2 111.2



#6

Chloroethane

Concen: 21.489 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014553.D

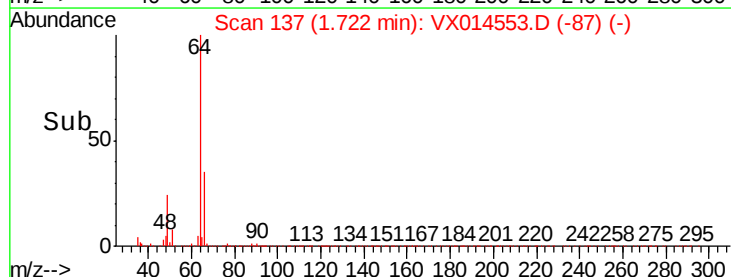
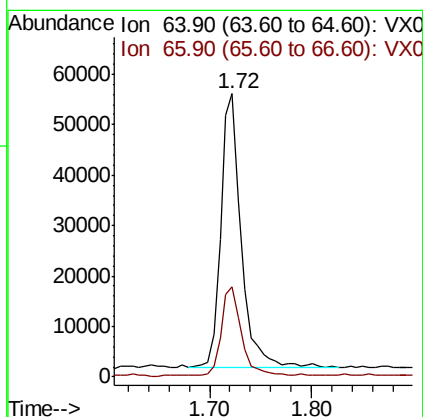
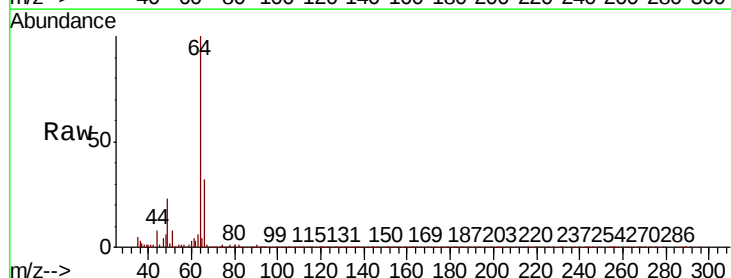
Acq: 10 Jan 2020 22:33

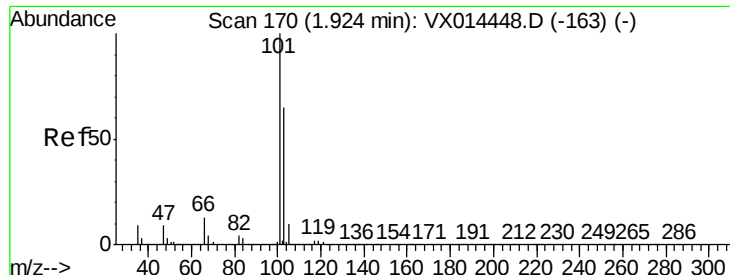
Tgt Ion: 64 Resp: 76295

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



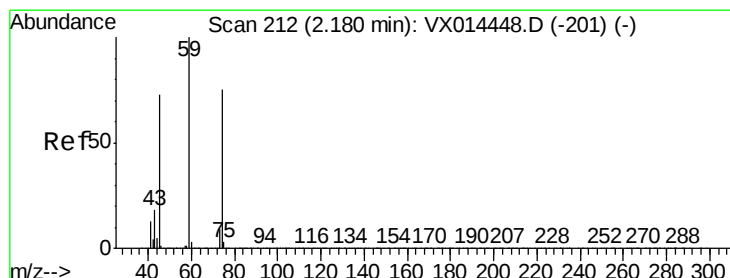
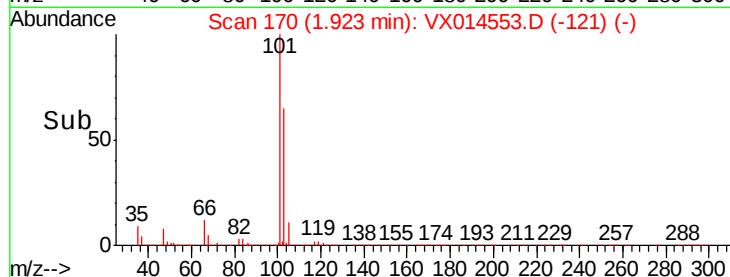
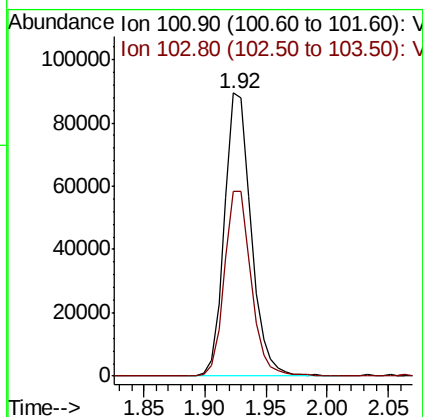
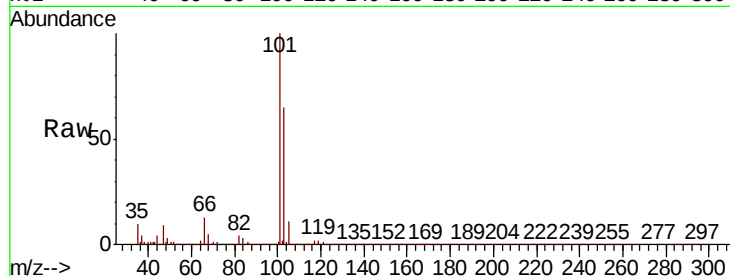


#7

Trichlorofluoromethane
Concen: 18.817 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

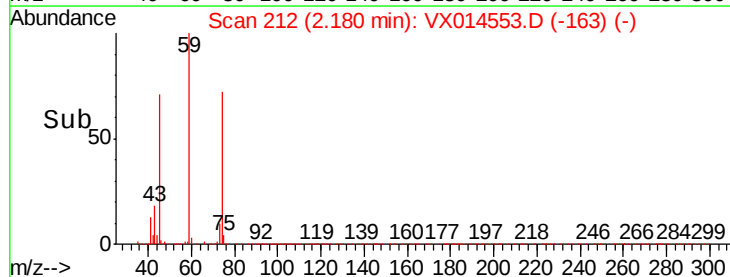
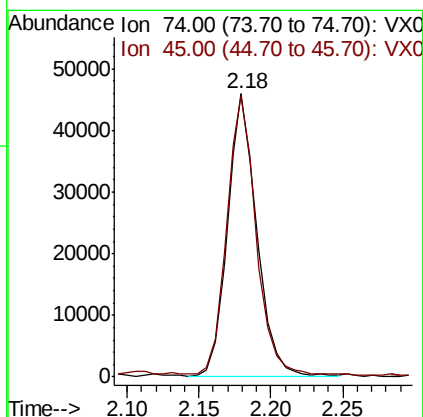
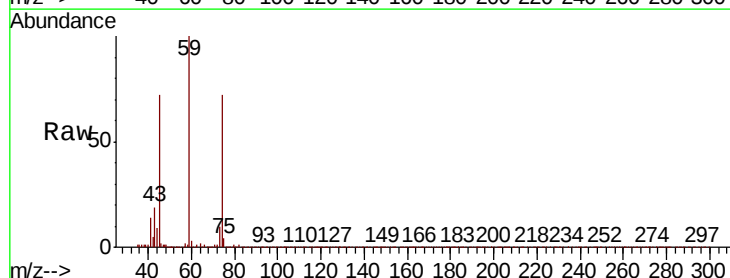
Tot Ion:101 Resp: 134478
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4

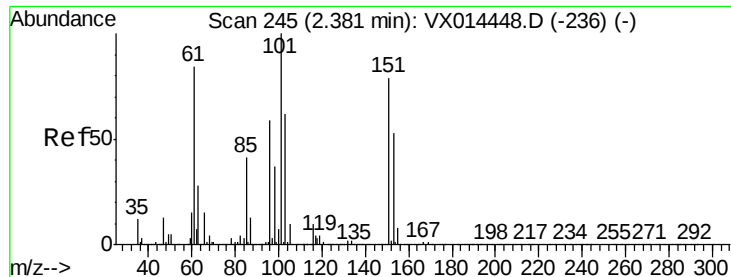


#8

Diethyl Ether
Concen: 20.163 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 74 Resp: 65739
Ion Ratio Lower Upper
74 100
45 98.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.185 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

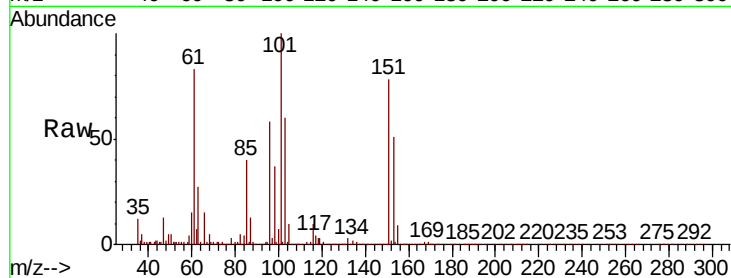
Tot Ion:101 Resp: 79067

Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.8

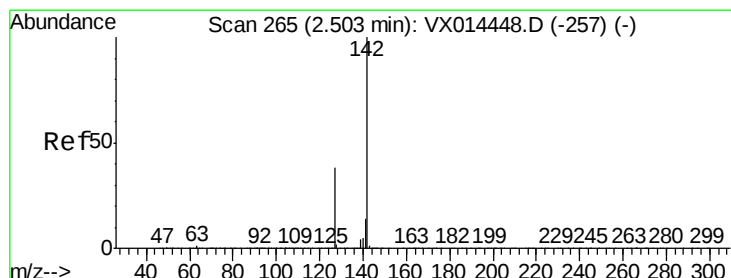
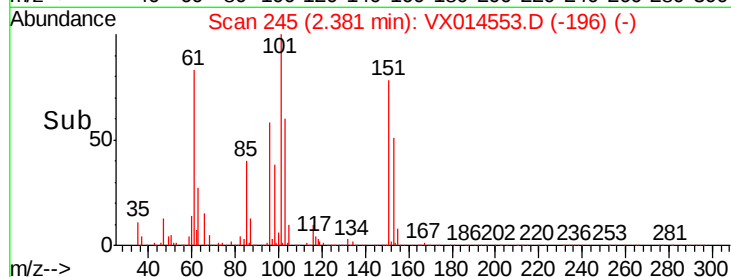
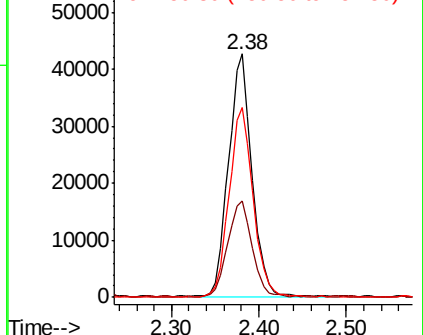
151 80.7 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.662 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

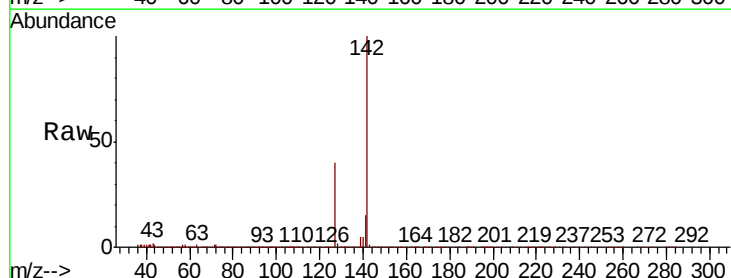
Tgt Ion:142 Resp: 107572

Ion Ratio Lower Upper

142 100

127 39.7 31.2 46.8

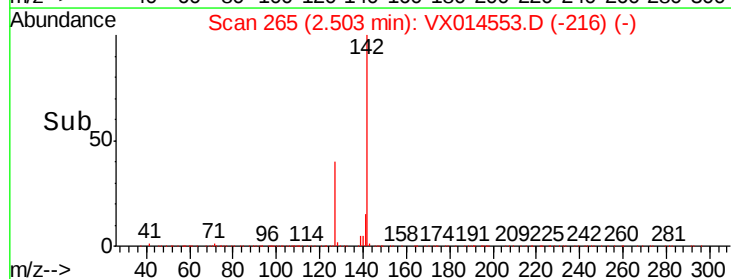
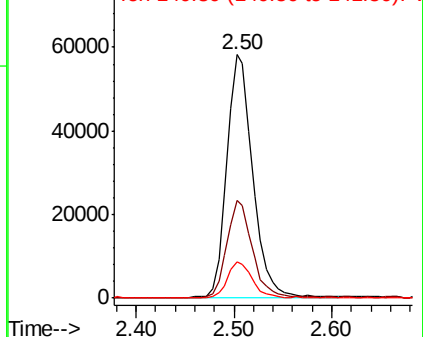
141 14.7 11.4 17.2

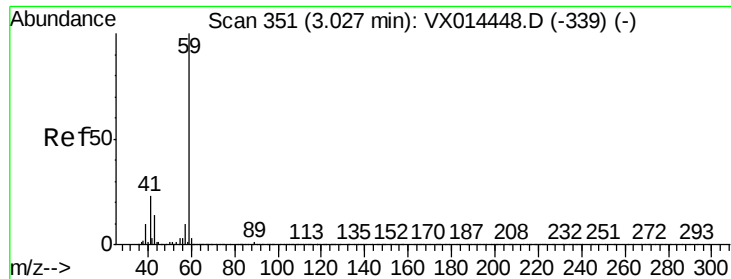


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



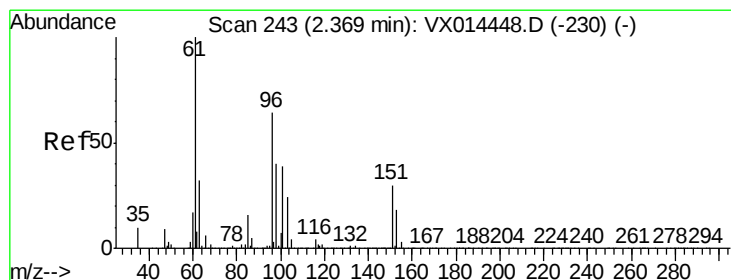
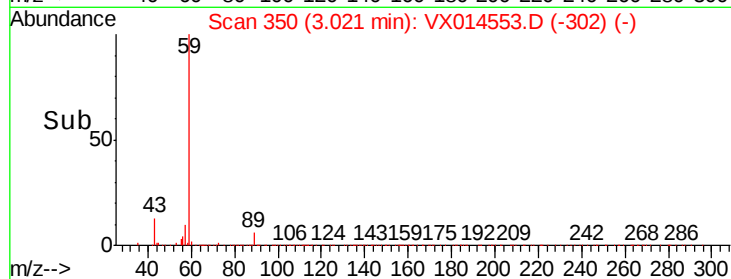
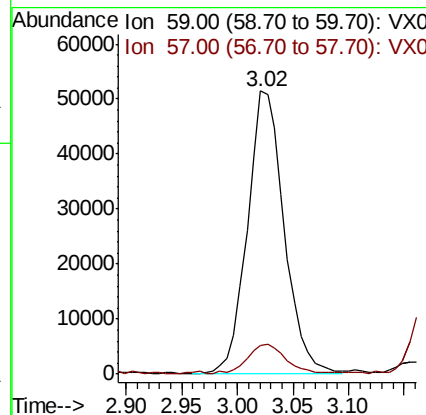
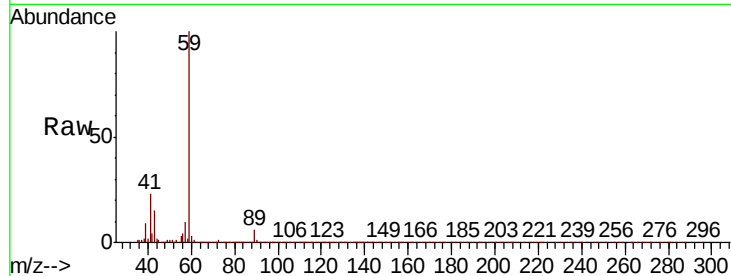


#11

Tert butyl alcohol
Concen: 113.772 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

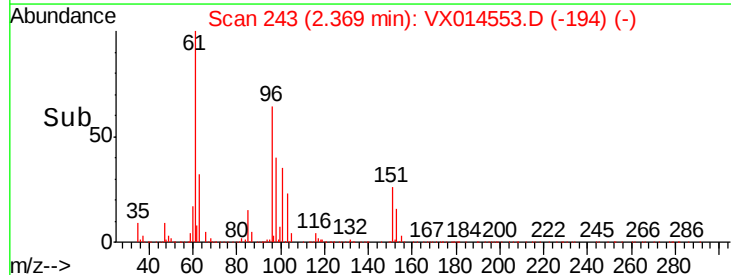
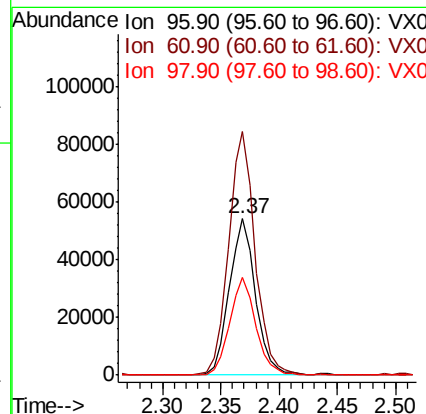
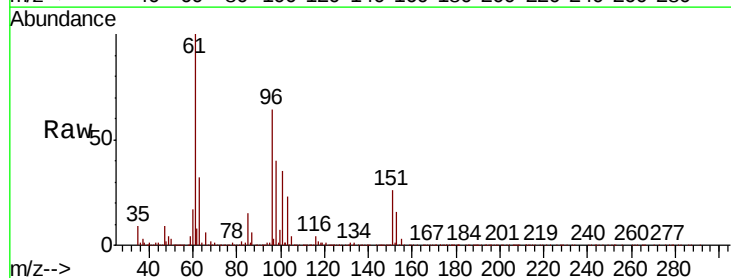
Tot Ion: 59 Resp: 117623
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

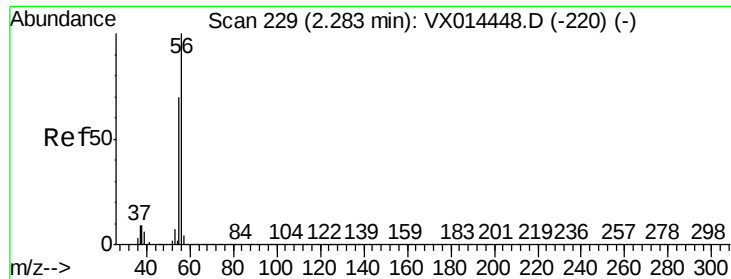


#12

1,1-Dichloroethene
Concen: 19.173 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 96 Resp: 83990
Ion Ratio Lower Upper
96 100
61 155.8 125.0 187.6
98 61.9 50.2 75.2

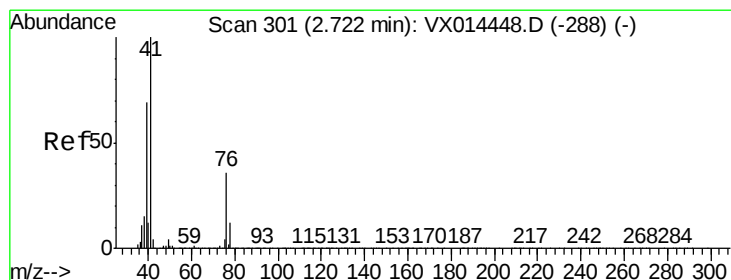
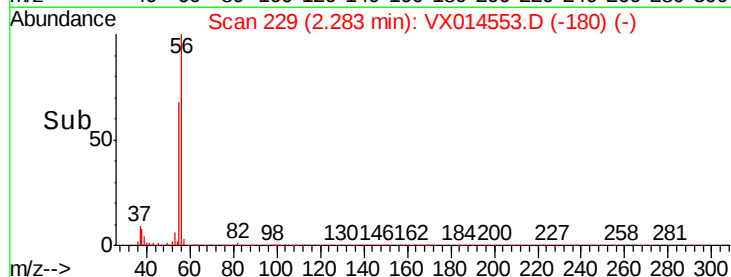
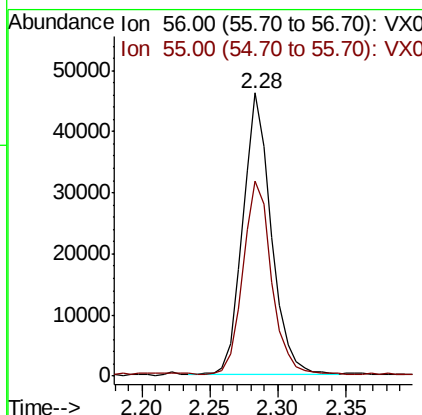
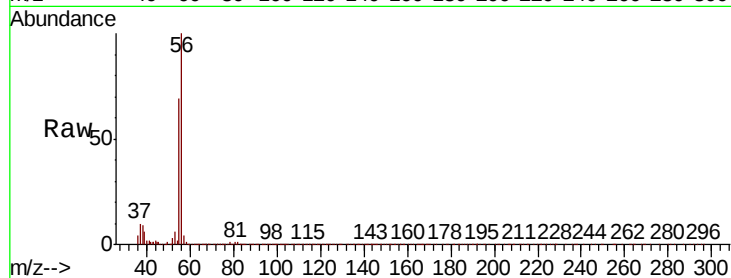




#13
Acrolein
Concen: 80.613 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

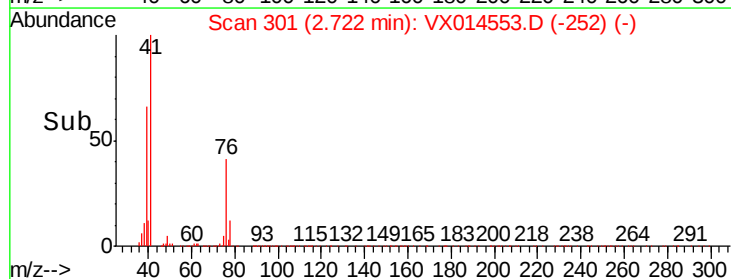
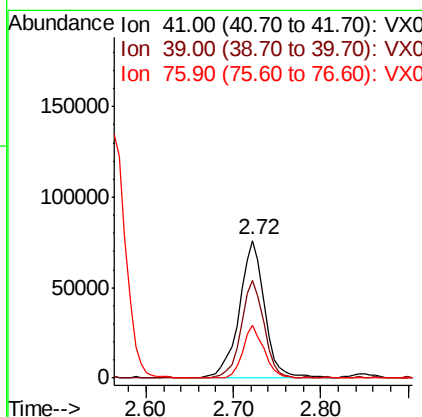
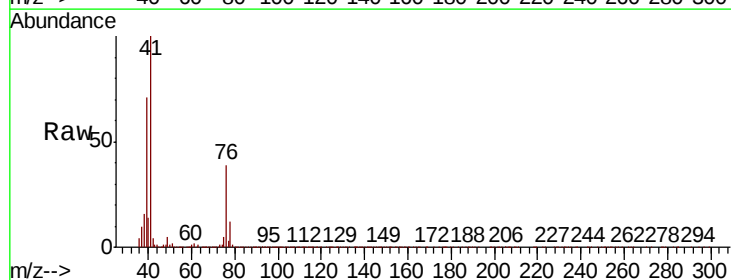
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

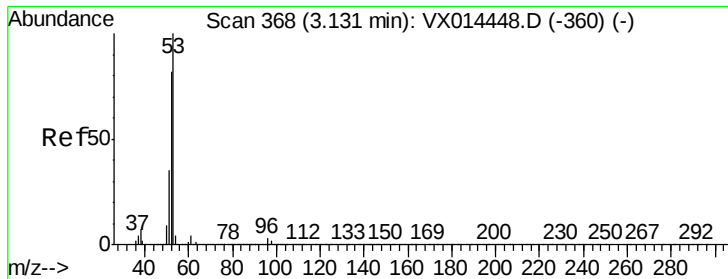
Tot Ion: 56 Resp: 66800
Ion Ratio Lower Upper
56 100
55 69.6 55.0 82.6



#14
Allyl chloride
Concen: 19.588 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 41 Resp: 150648
Ion Ratio Lower Upper
41 100
39 66.1 51.7 77.5
76 32.2 26.8 40.2





#15

Acrylonitrile

Concen: 108.395 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

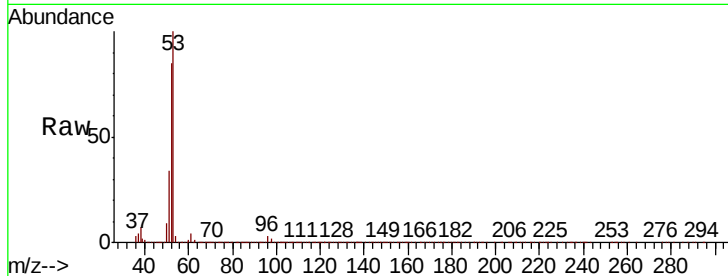
Tot Ion: 53 Resp: 270470

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

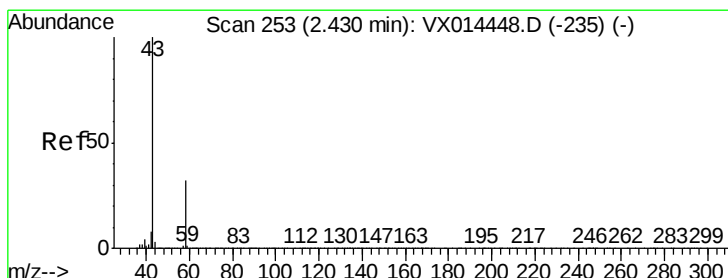
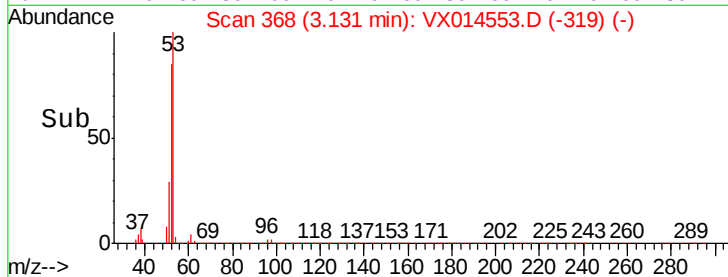
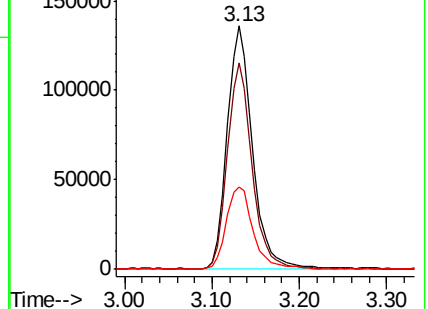
51 36.2 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 120.802 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014553.D

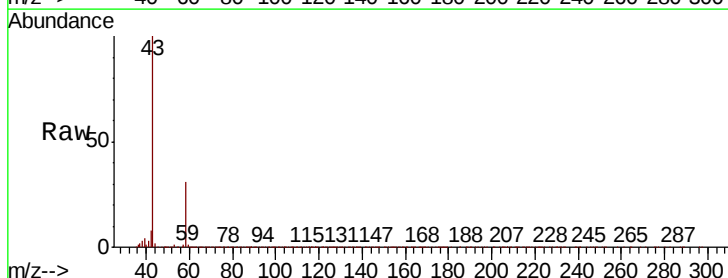
Acq: 10 Jan 2020 22:33

Tgt Ion: 43 Resp: 305269

Ion Ratio Lower Upper

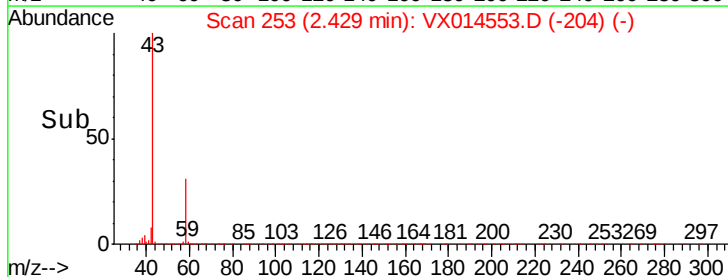
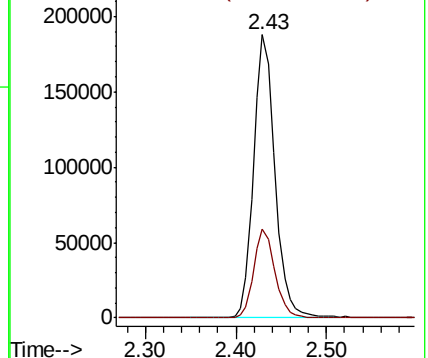
43 100

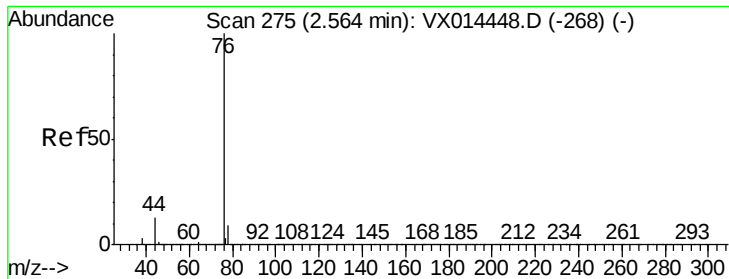
58 31.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

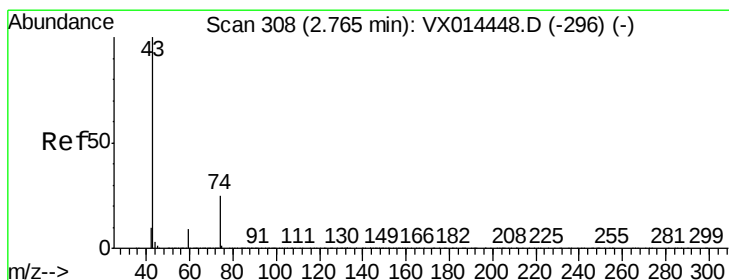
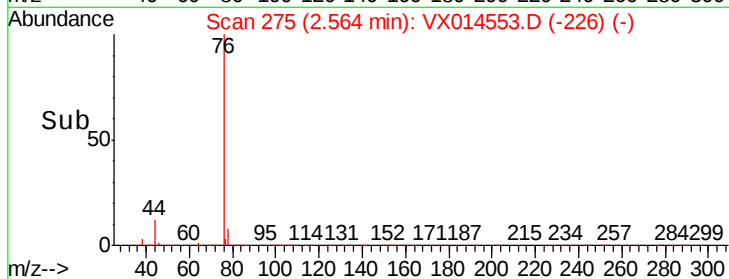
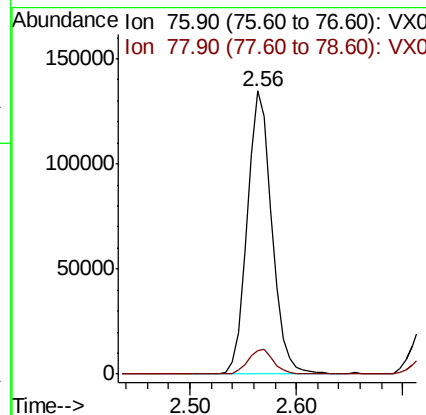
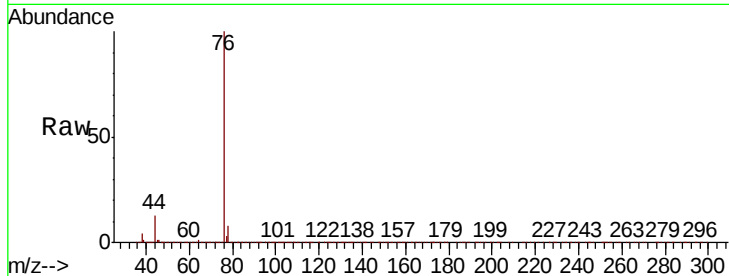




#17
Carbon Disulfide
Concen: 17.861 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

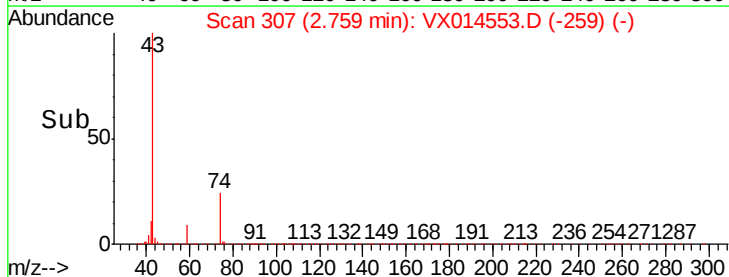
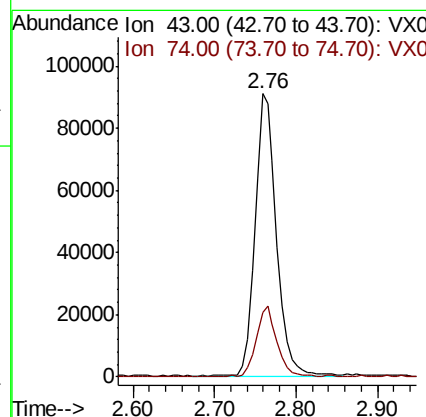
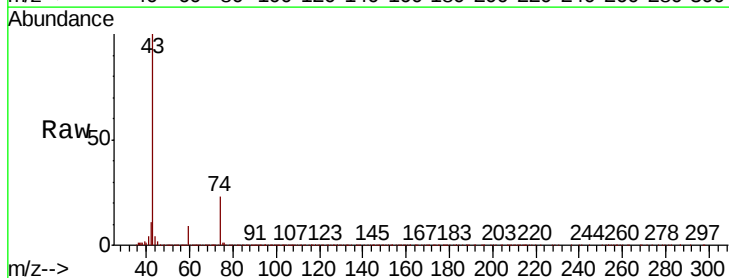
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

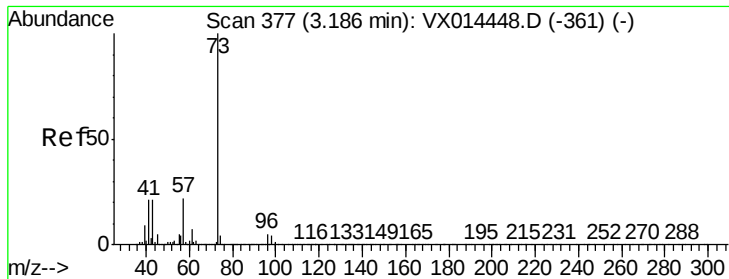
Tot Ion: 76 Resp: 218322
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 23.365 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 43 Resp: 166275
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2

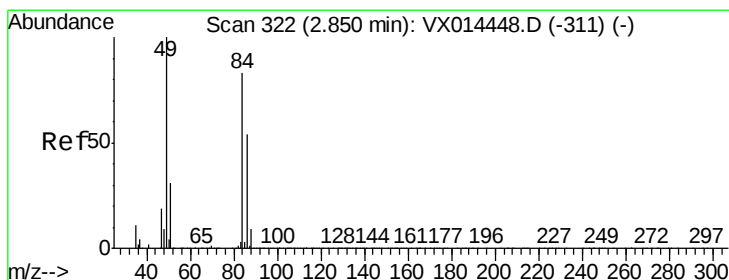
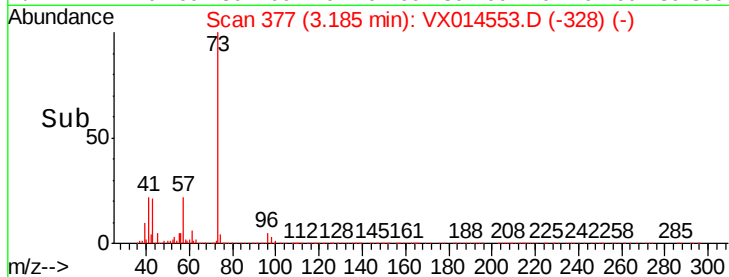
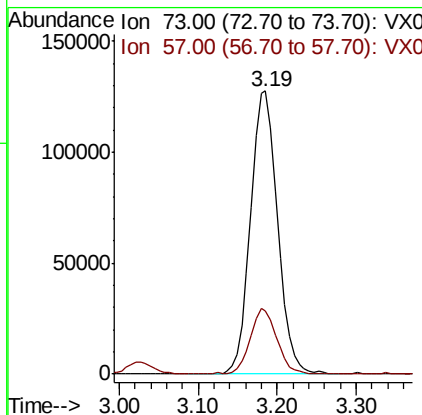
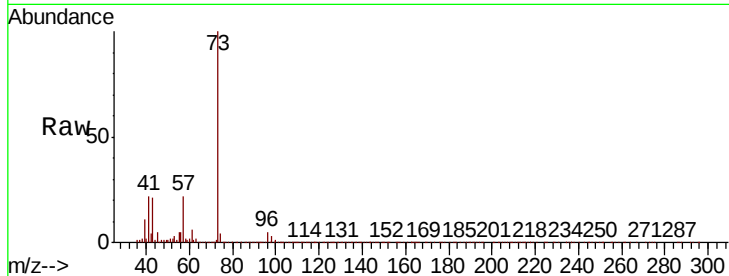




#19
Methvl tert-butvl Ether
Concen: 21.661 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

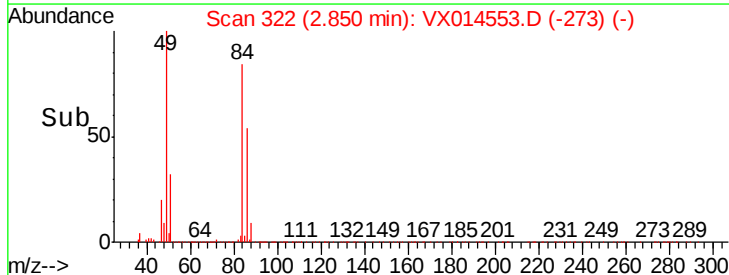
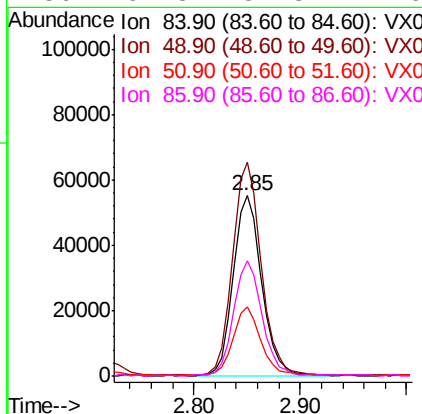
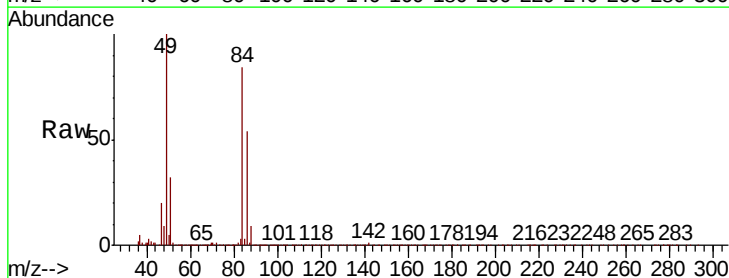
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

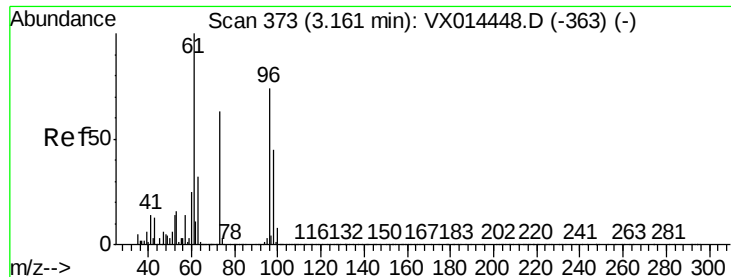
Tot Ion: 73 Resp: 304603
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 20.730 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 84 Resp: 103256
Ion Ratio Lower Upper
84 100
49 118.7 95.8 143.8
51 37.9 30.2 45.4
86 64.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.755 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

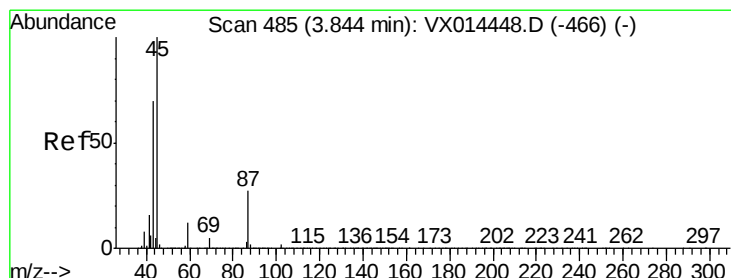
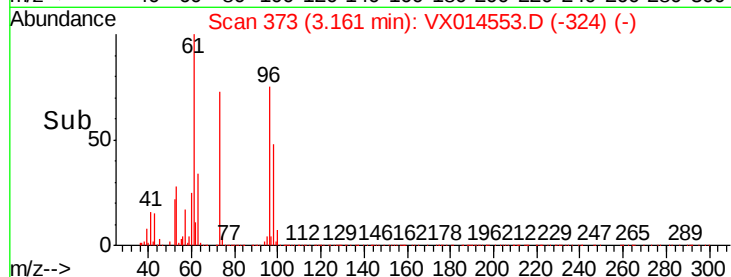
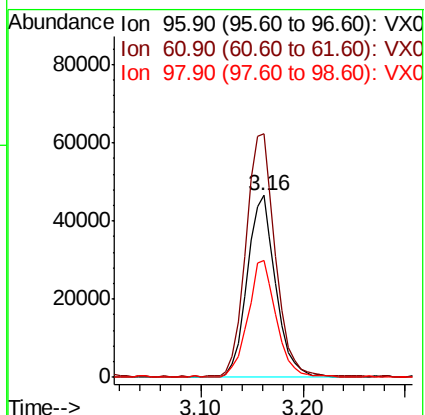
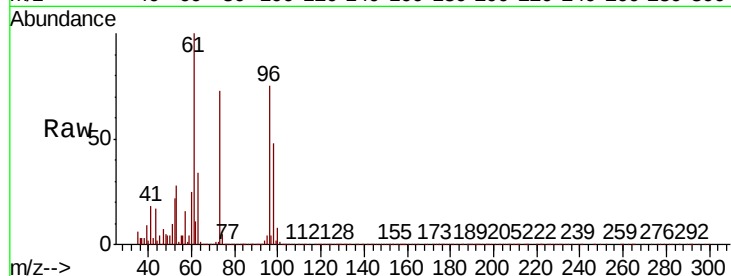
Tot Ion: 96 Resp: 89694

Ion Ratio Lower Upper

96 100

61 133.8 108.2 162.4

98 64.0 48.8 73.2



#22

Diisopropyl ether

Concen: 21.383 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion: 45 Resp: 317816

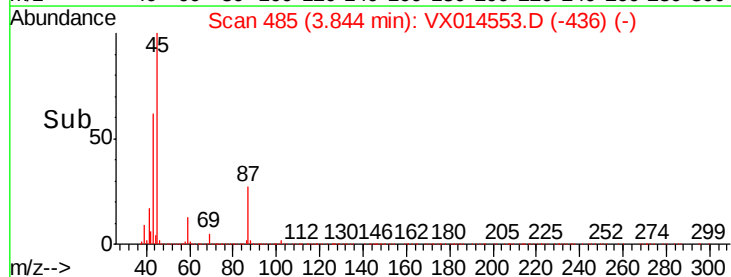
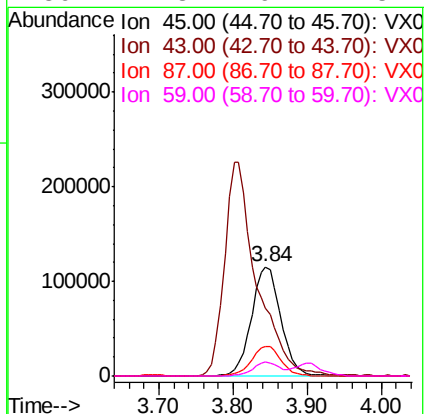
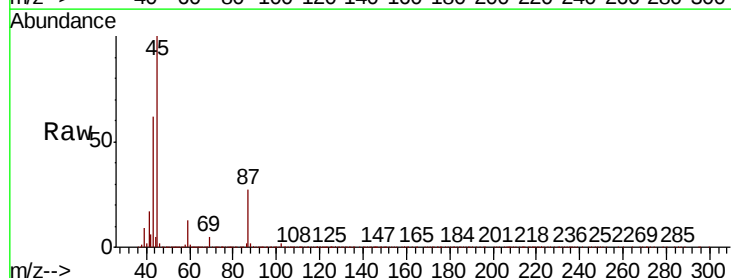
Ion Ratio Lower Upper

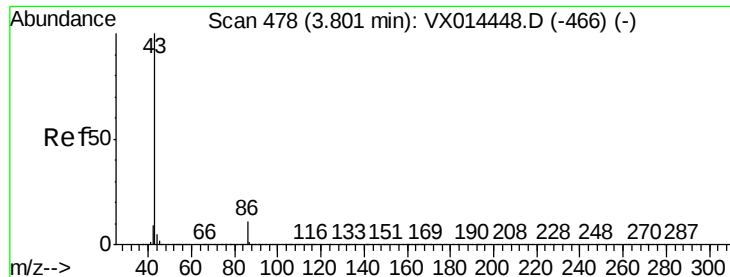
45 100

43 61.5 55.8 83.6

87 27.1 21.8 32.8

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 59.040 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

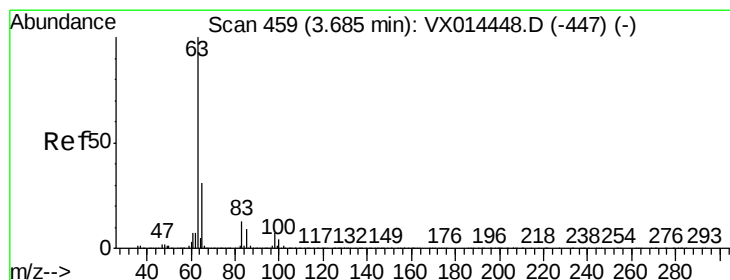
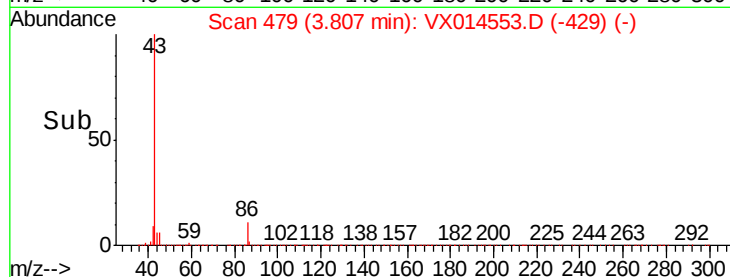
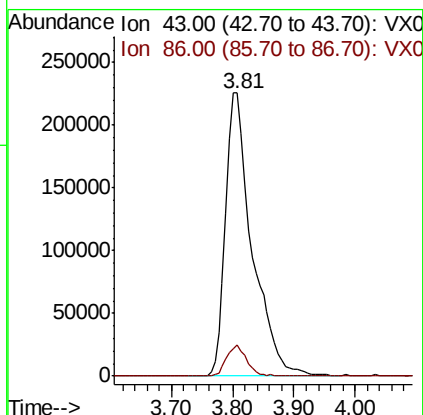
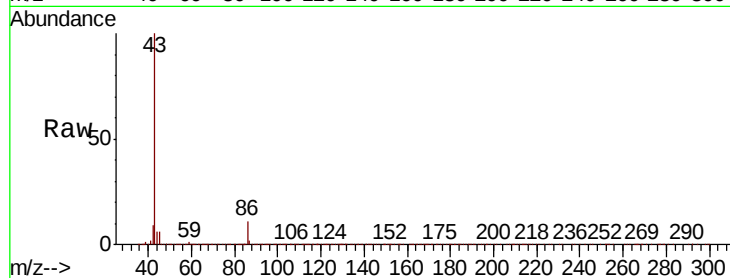
VX0110WBSD02

Tot Ion: 43 Resp: 679383

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 20.974 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

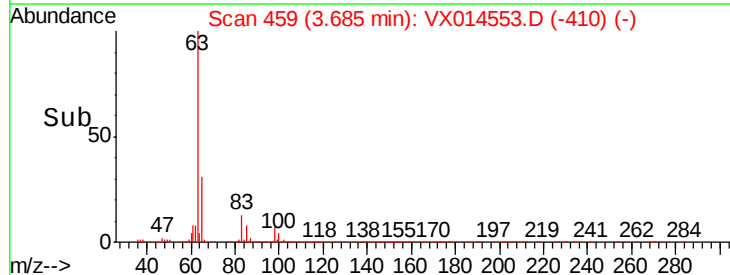
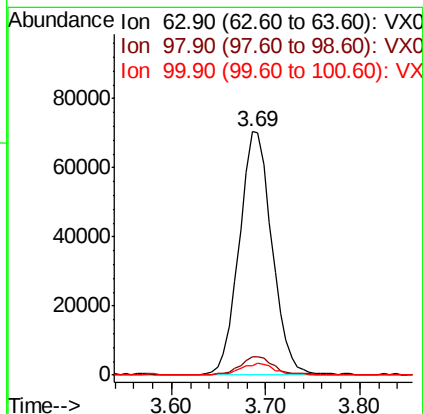
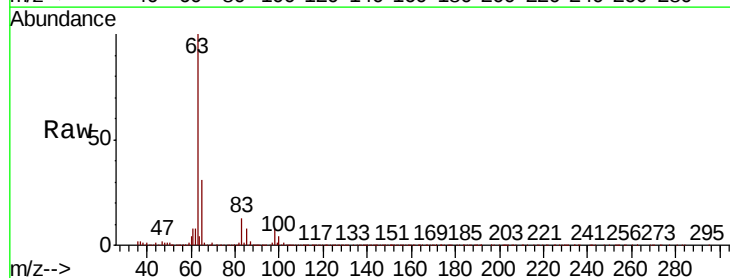
Tgt Ion: 63 Resp: 169586

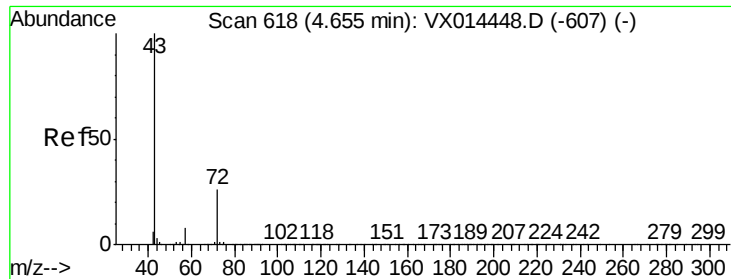
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 112.180 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

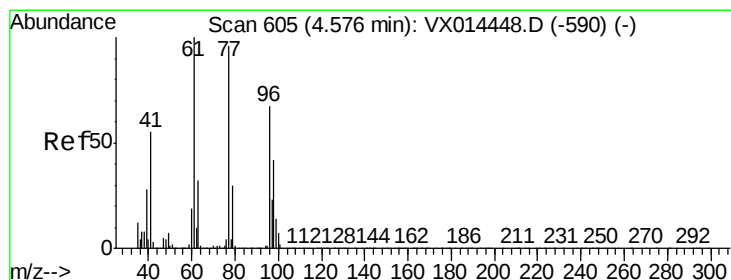
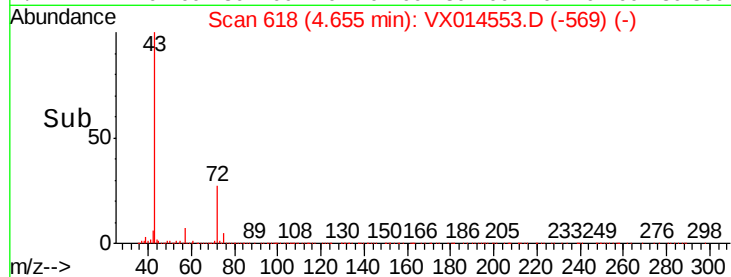
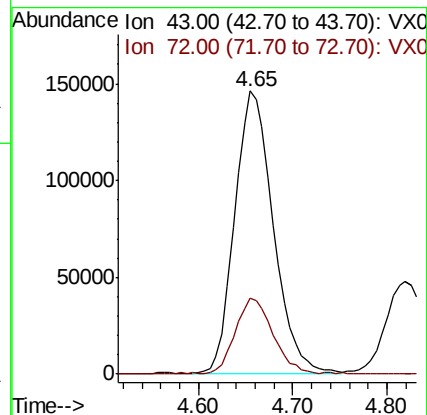
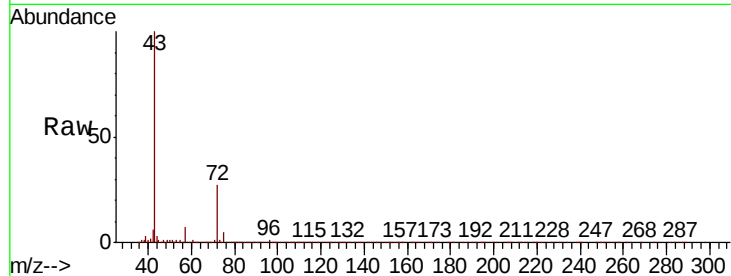
VX0110WBSD02

Tot Ion: 43 Resp: 414909

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 16.549 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014553.D

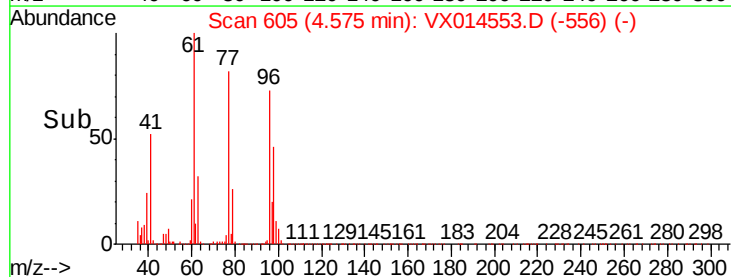
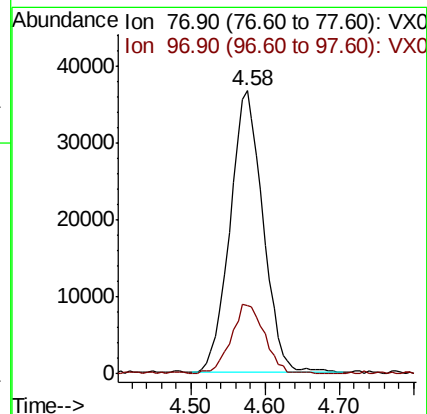
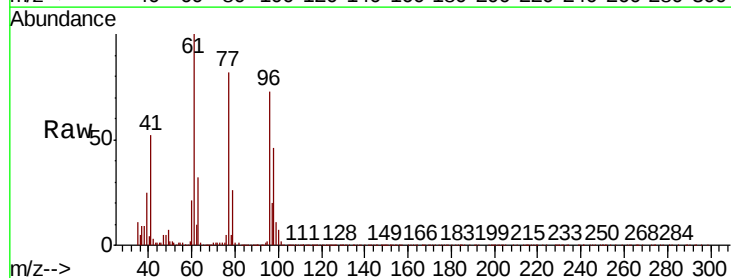
Acq: 10 Jan 2020 22:33

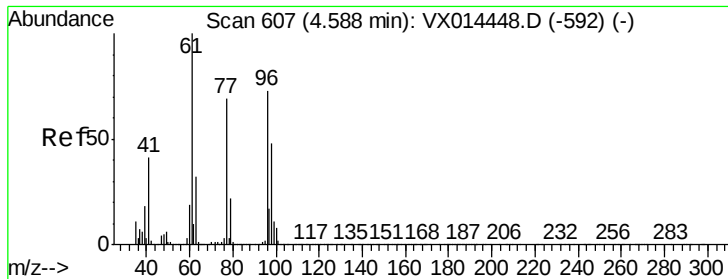
Tgt Ion: 77 Resp: 113352

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.1



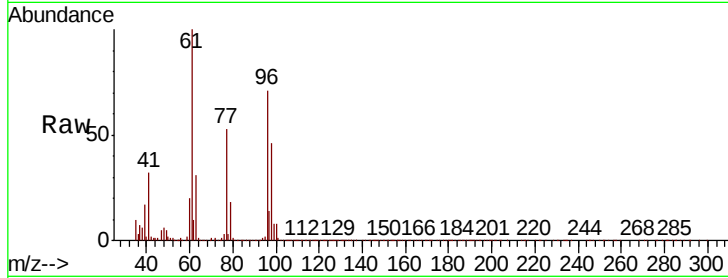


#27

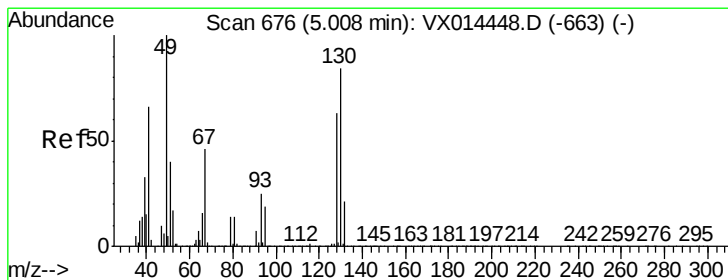
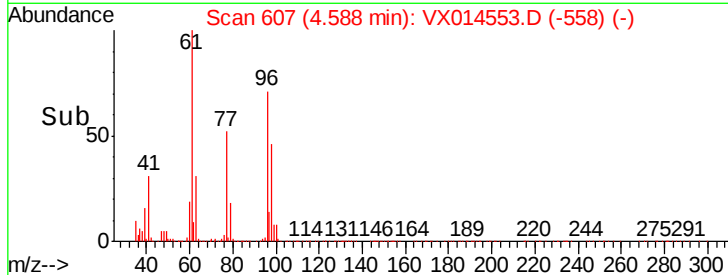
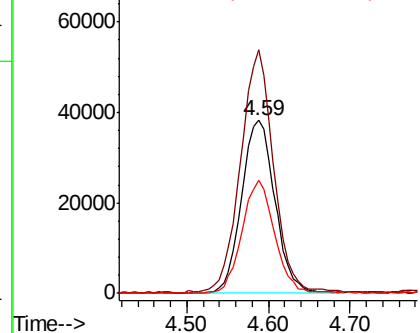
cis-1,2-Dichloroethene
Concen: 20.197 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	285.4
98	64.1	0.0	130.6



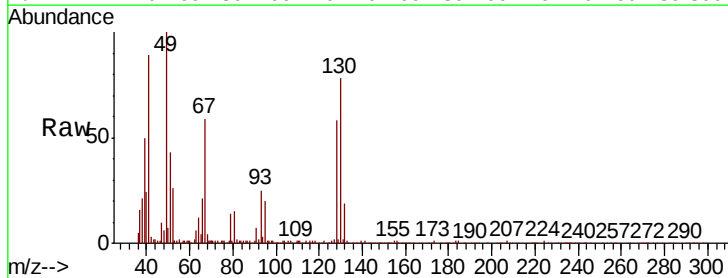
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



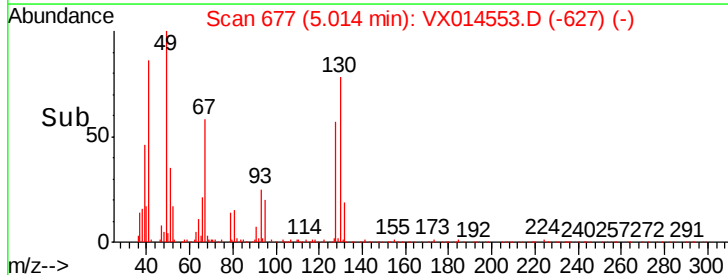
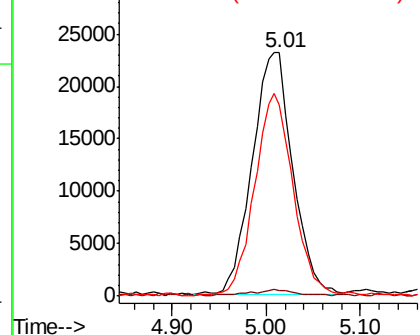
#28

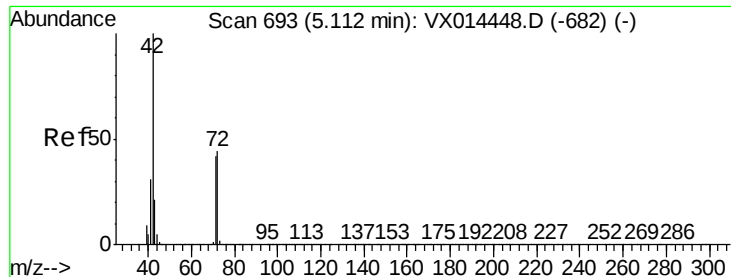
Bromochloromethane
Concen: 20.311 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	80.9	67.0	100.4



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





#29

Tetrahydrofuran

Concen: 113.448 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

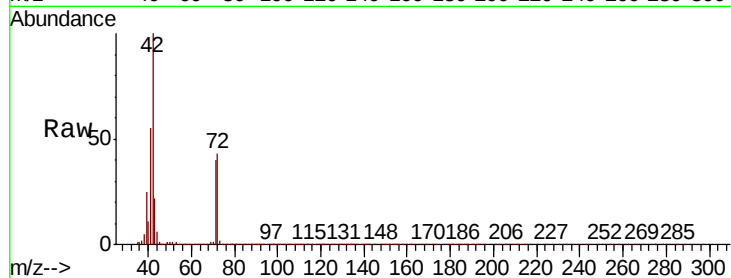
Tot Ion: 42 Resp: 248081

Ion Ratio Lower Upper

42 100

72 44.0 36.2 54.4

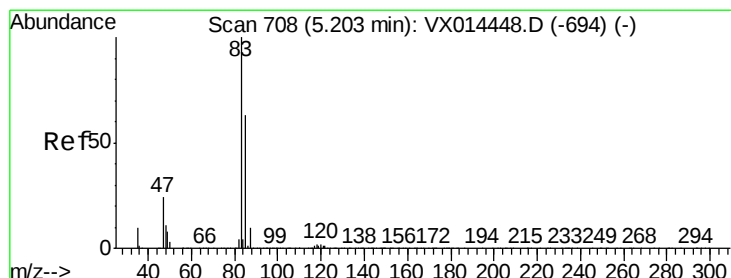
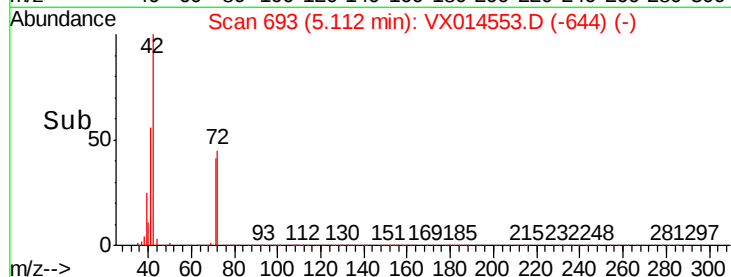
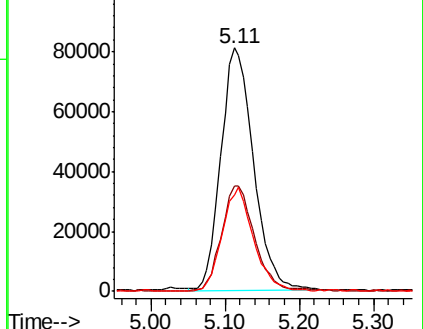
71 40.8 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.055 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014553.D

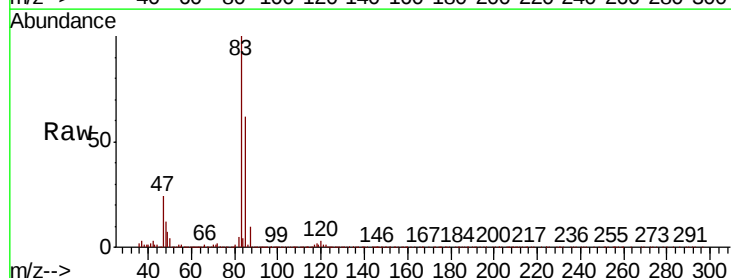
Acq: 10 Jan 2020 22:33

Tgt Ion: 83 Resp: 166351

Ion Ratio Lower Upper

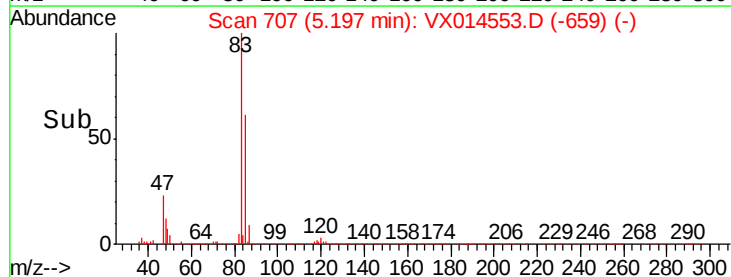
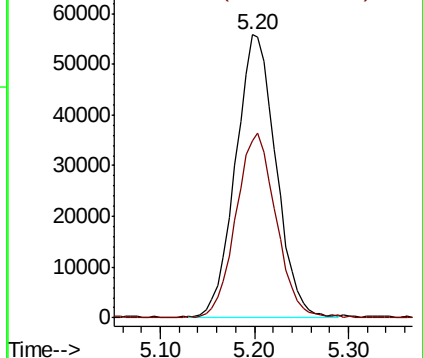
83 100

85 61.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

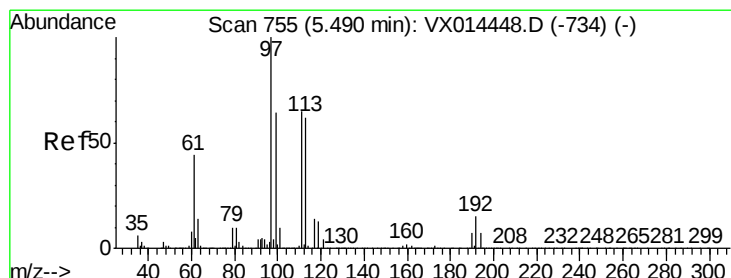
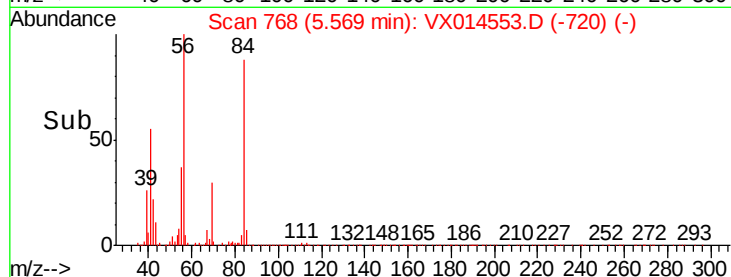
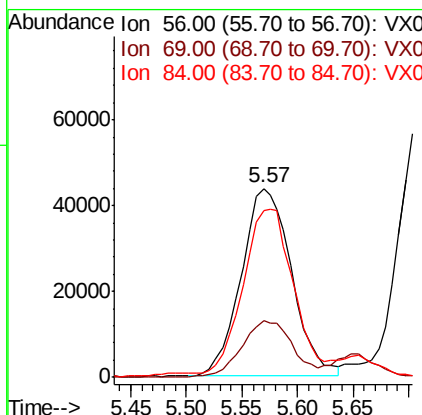
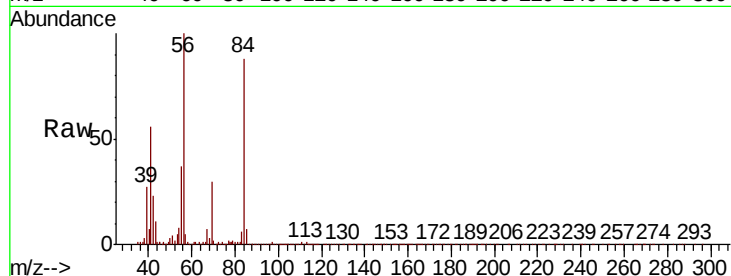




#31
Cyclohexane
Concen: 18.125 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

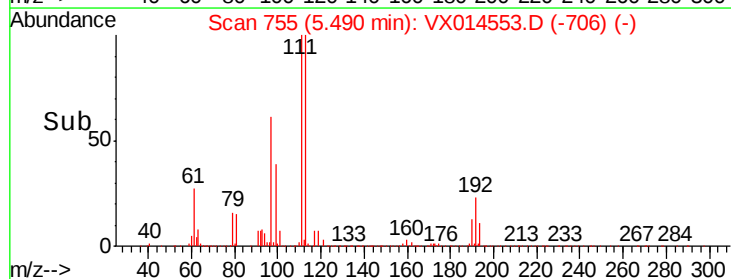
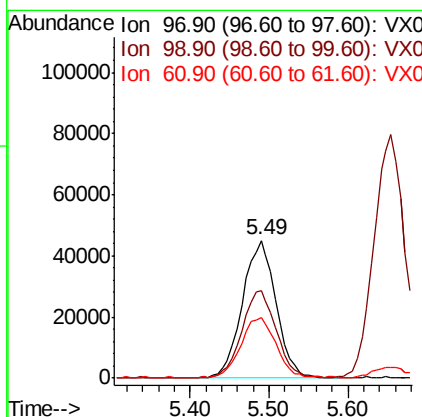
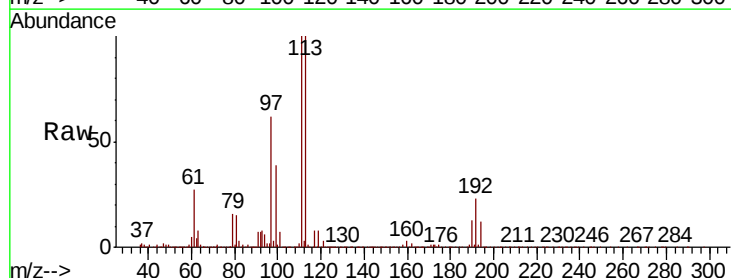
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

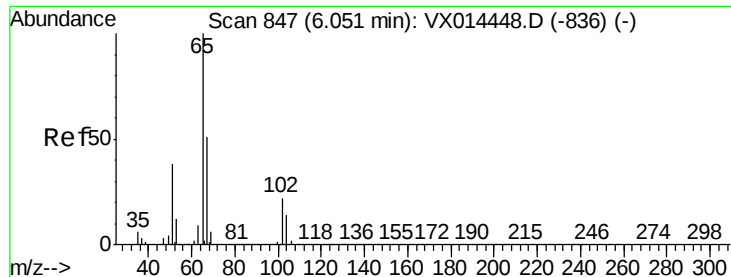
Tot Ion: 56 Resp: 137171
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 87.0 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.828 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 97 Resp: 134095
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 46.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.581 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

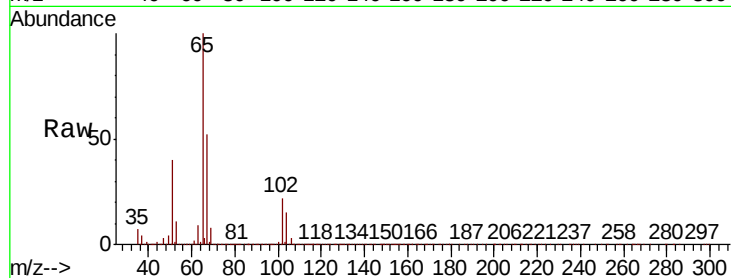
VX0110WBSD02

Tot Ion: 65 Resp: 255399

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

60000

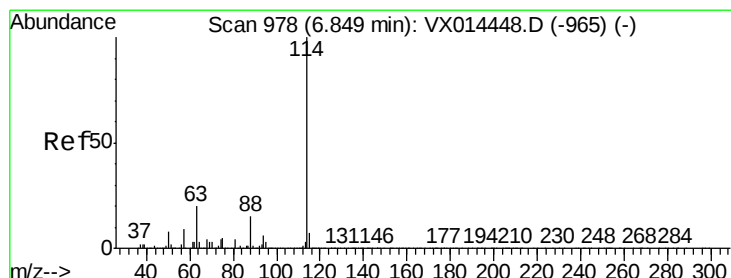
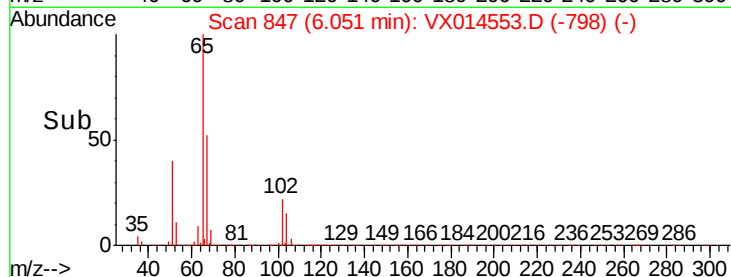
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

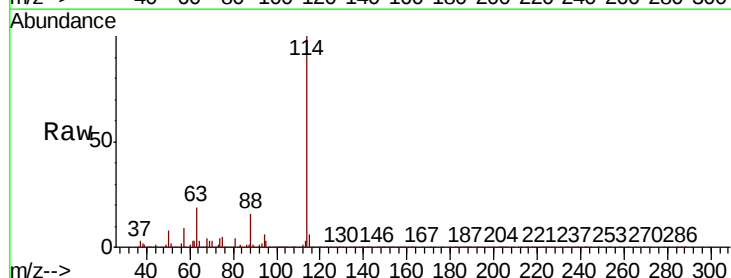
Tgt Ion: 114 Resp: 690740

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

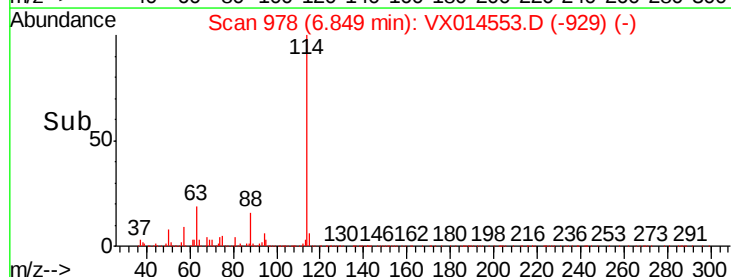
200000

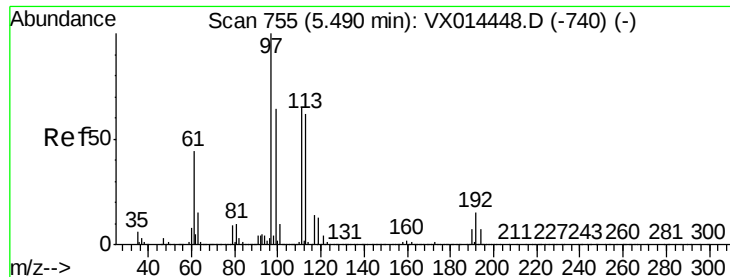
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.963 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

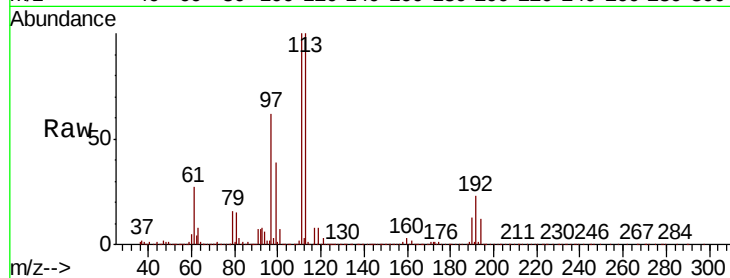
Tot Ion:113 Resp: 204733

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

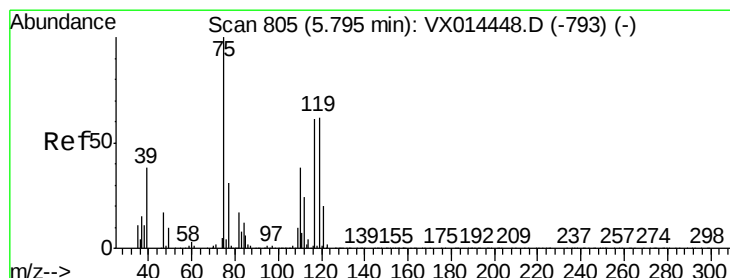
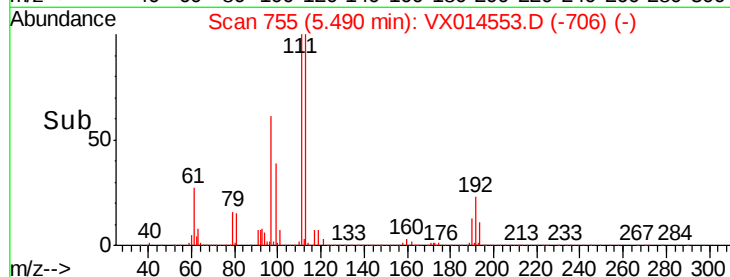
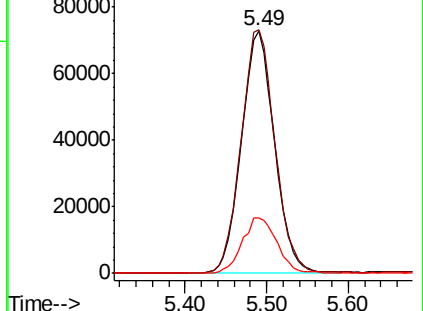
192 23.8 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.893 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

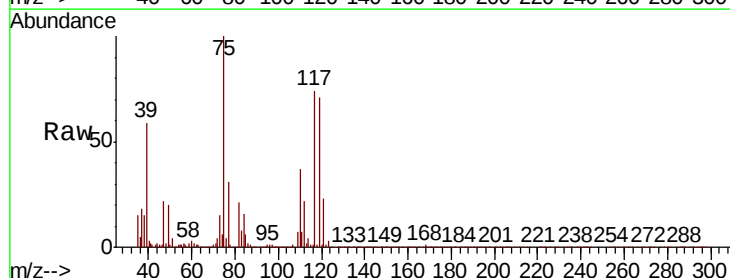
Tgt Ion: 75 Resp: 116226

Ion Ratio Lower Upper

75 100

110 37.0 18.6 55.8

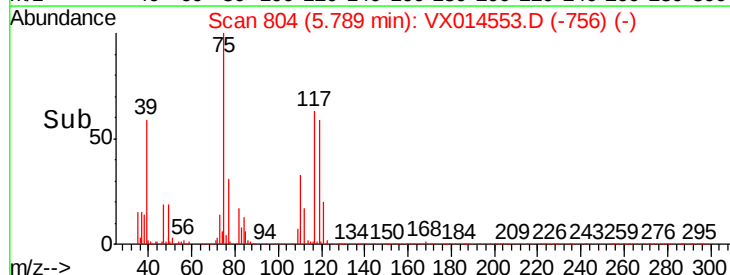
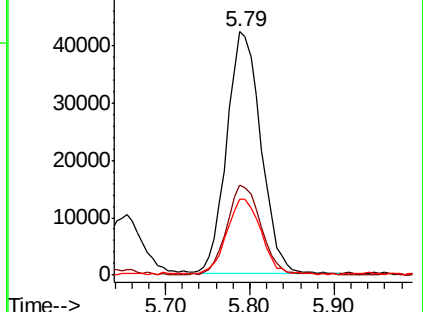
77 30.9 24.5 36.7

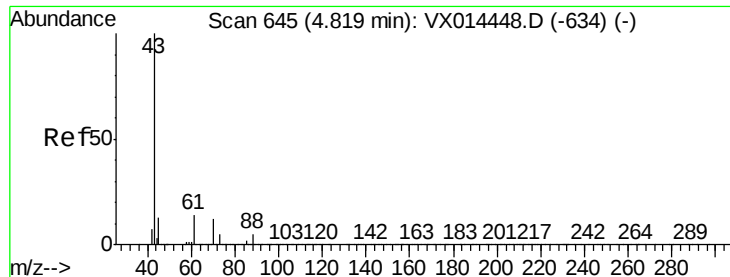


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

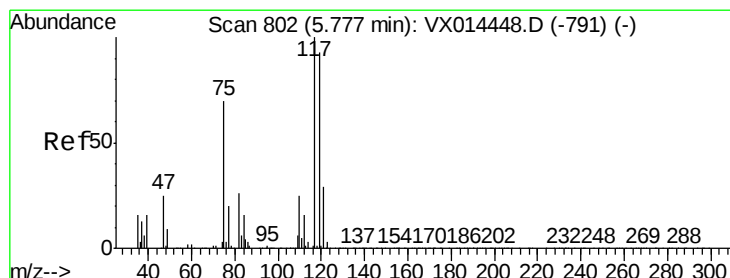
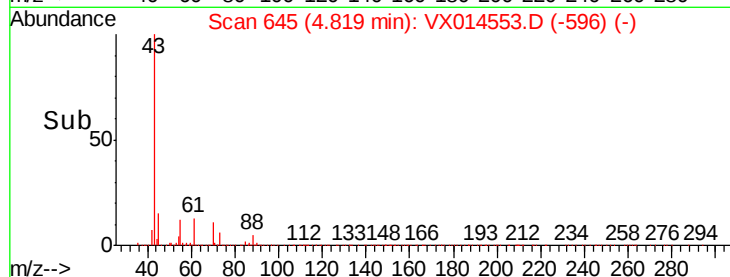
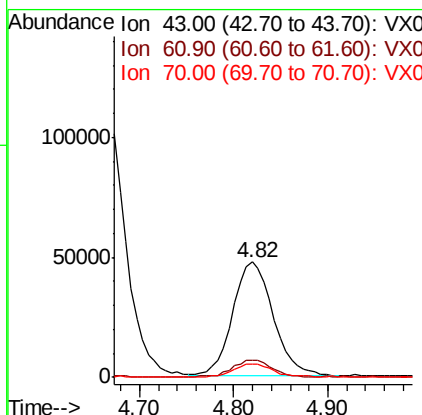
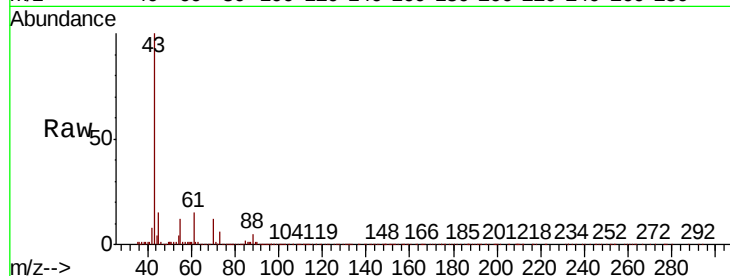




#37
Ethyl Acetate
Concen: 20.191 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

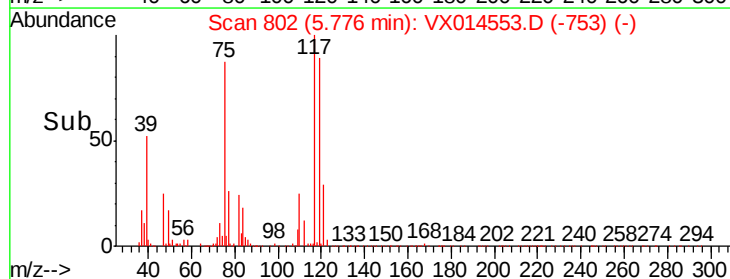
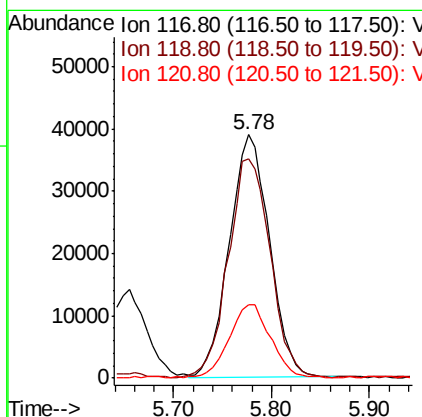
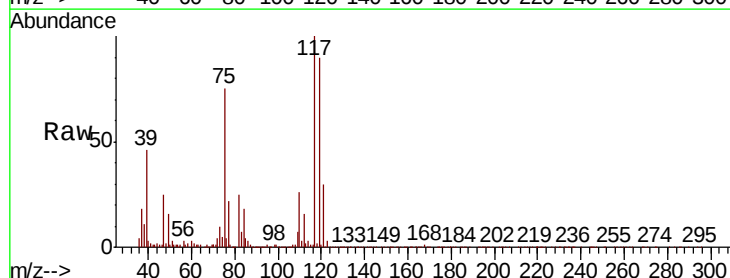
Instrument :
MSVOA_X
ClientSampleID :
VX0110WBSD02

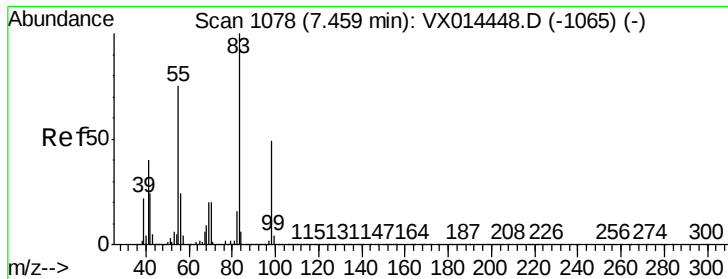
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	11.0	8.9	13.3



#38
Carbon Tetrachloride
Concen: 18.495 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	73.8	110.8
121	29.9	23.4	35.0

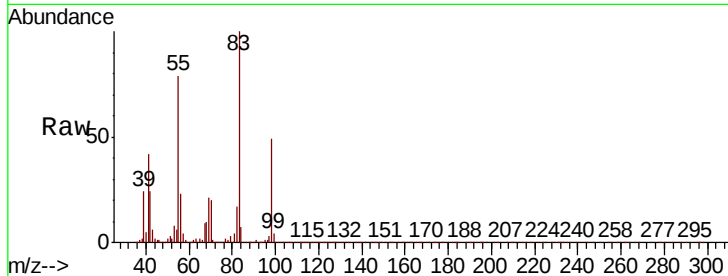




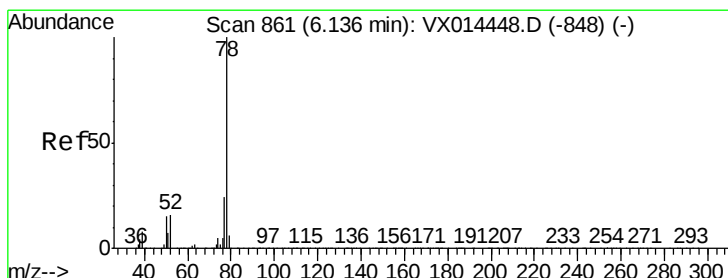
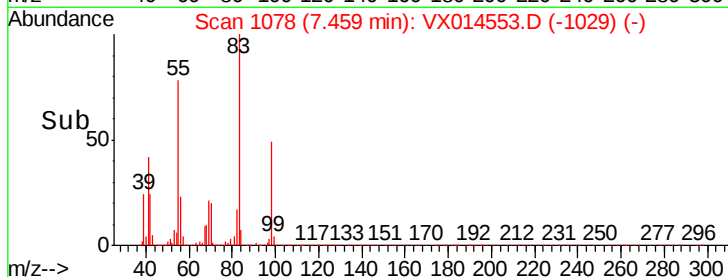
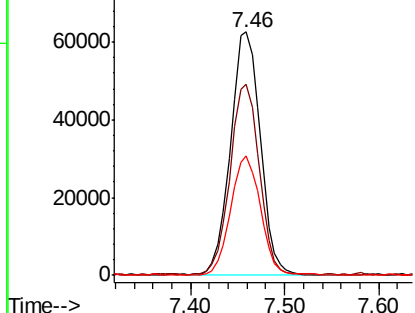
#39
Methvlcvclohexane
Concen: 17.017 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion: 83 Resp: 138874
Ion Ratio Lower Upper
83 100
55 78.4 59.7 89.5
98 49.1 39.1 58.7

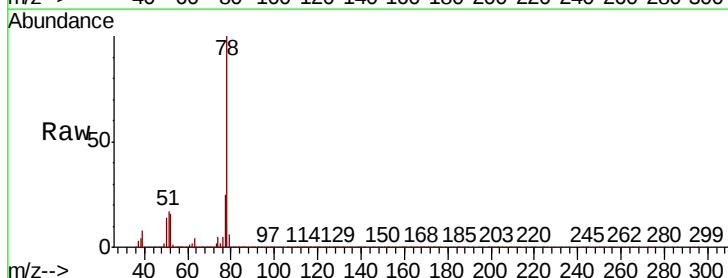


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

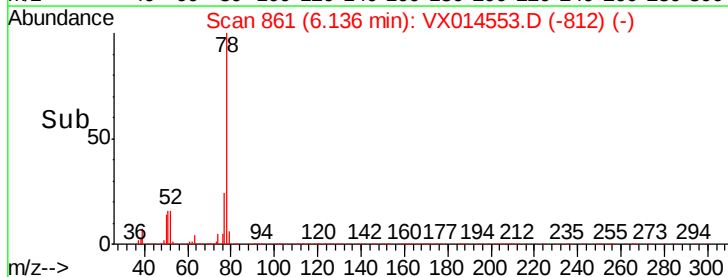
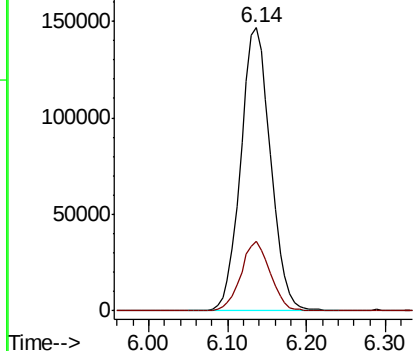


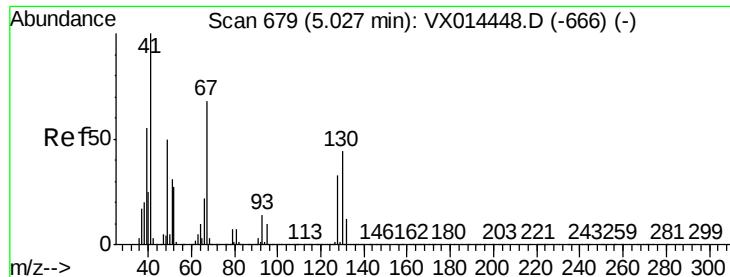
#40
Benzene
Concen: 19.961 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 78 Resp: 384832
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3



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

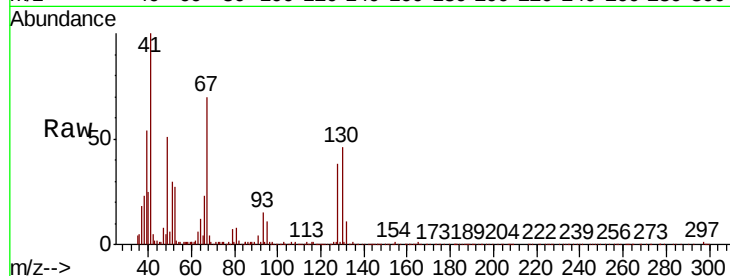




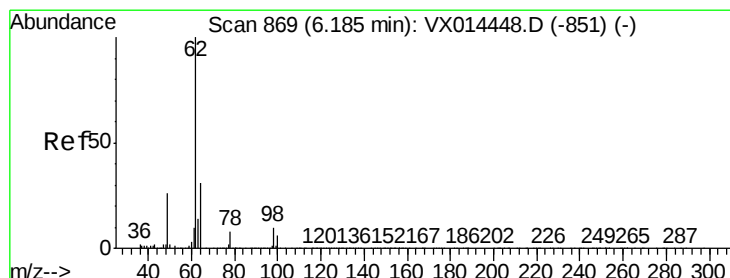
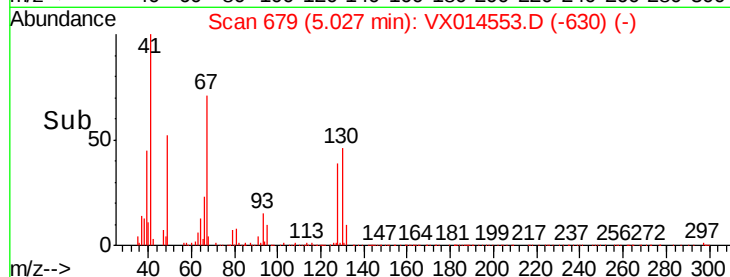
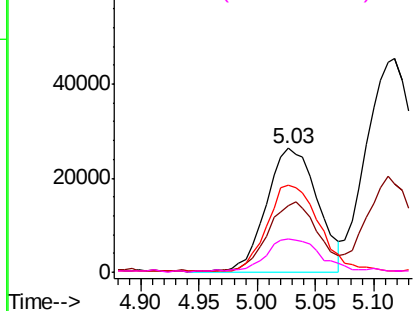
#41
Methacrylonitrile
Concen: 21.466 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion:	41	Resp:	80768
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.6	65.4
67	69.5	57.9	86.9
52	27.9	23.0	34.6

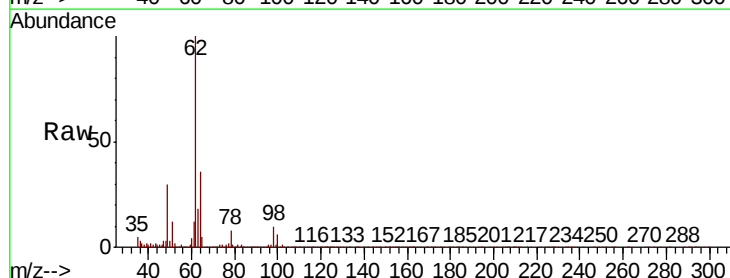


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

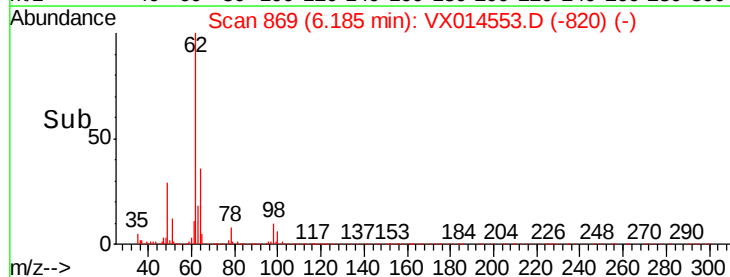
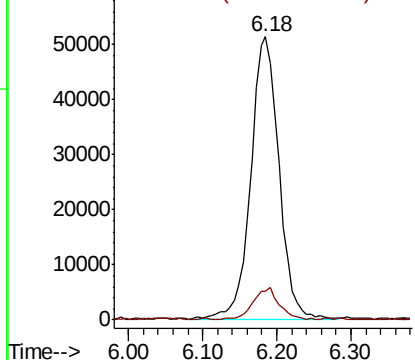


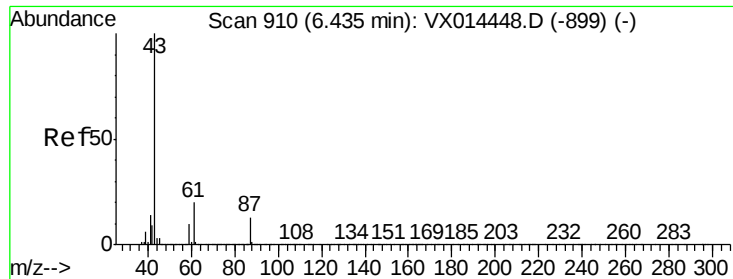
#42
1,2-Dichloroethane
Concen: 20.094 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion:	62	Resp:	135452
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



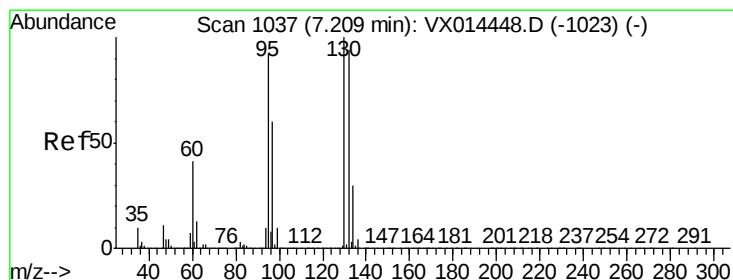
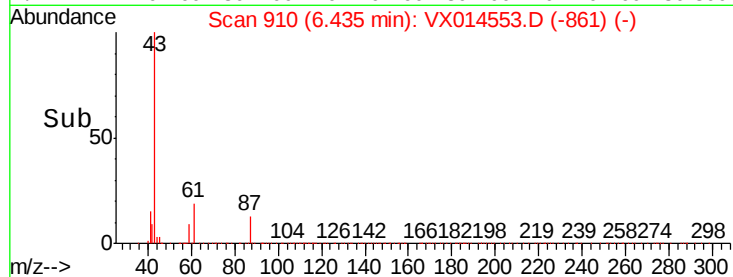
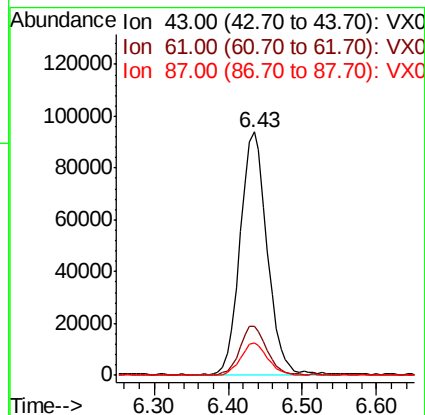
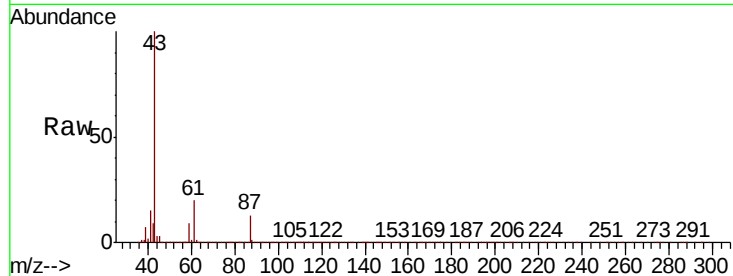


#43

Isopropyl Acetate
 Concen: 21.012 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

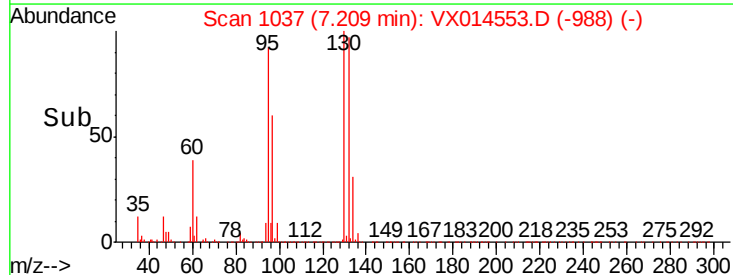
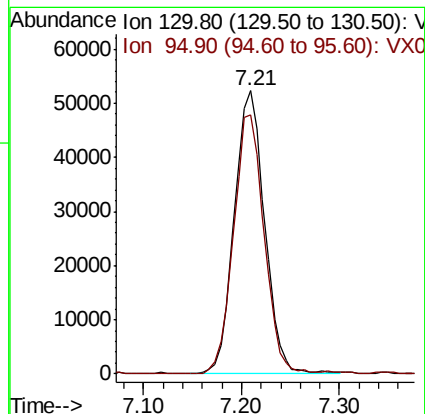
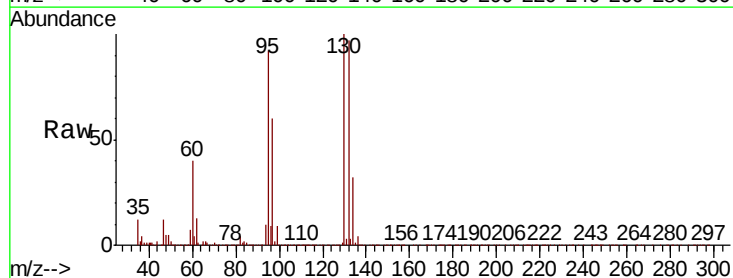
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	12.8	10.8	16.2

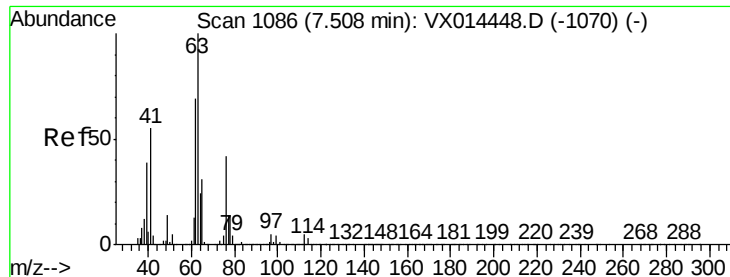


#44

Trichloroethene
 Concen: 20.213 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.227 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

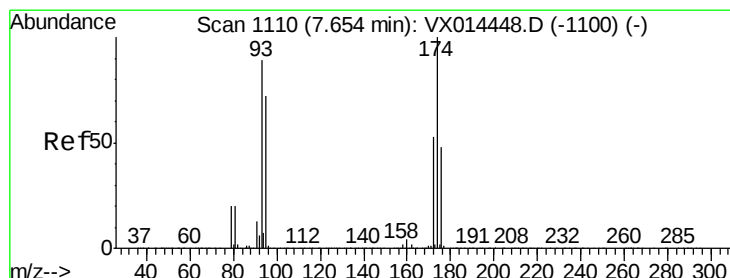
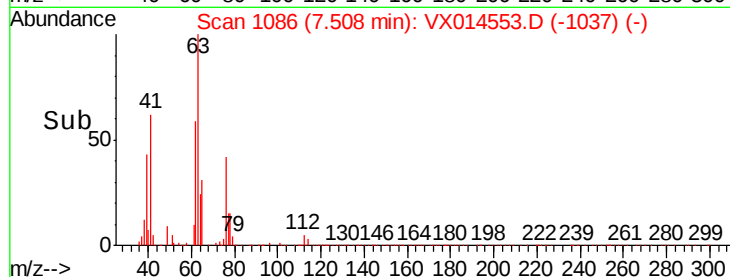
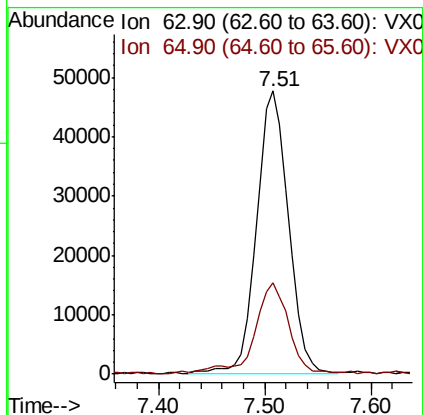
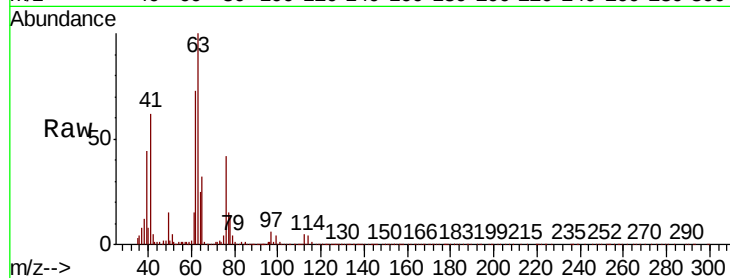
VX0110WBSD02

Tot Ion: 63 Resp: 99419

Ion Ratio Lower Upper

63 100

65 31.9 24.8 37.2



#46

Dibromomethane

Concen: 19.612 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

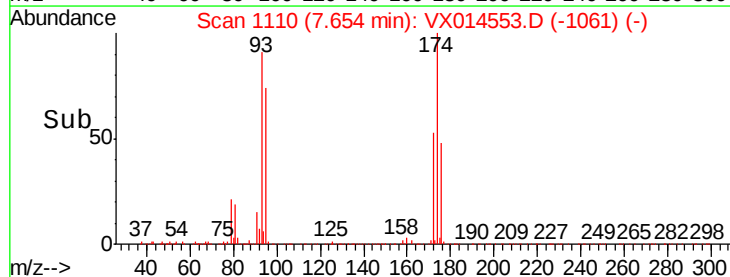
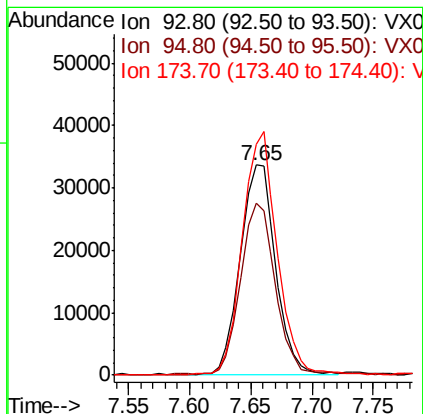
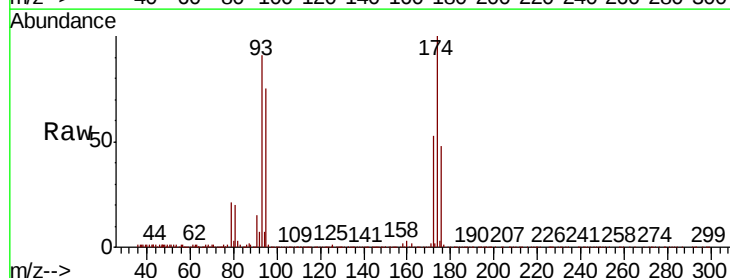
Tgt Ion: 93 Resp: 67281

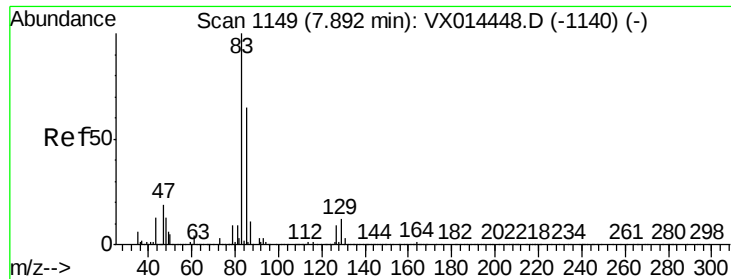
Ion Ratio Lower Upper

93 100

95 80.5 65.4 98.2

174 115.1 93.0 139.4





#47

Bromodichloromethane

Concen: 20.015 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

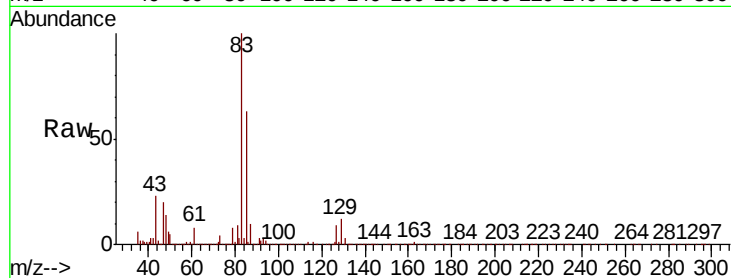
Tot Ion: 83 Resp: 124943

Ion Ratio Lower Upper

83 100

85 62.7 51.7 77.5

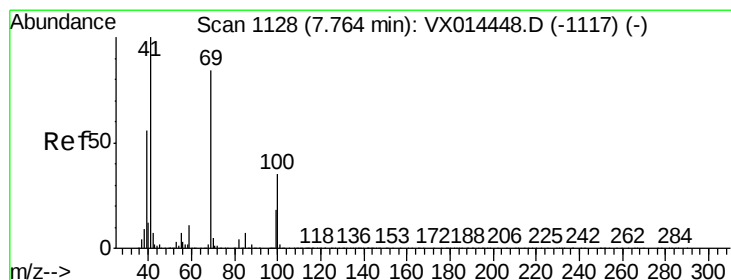
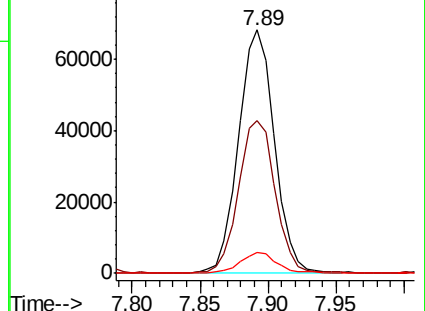
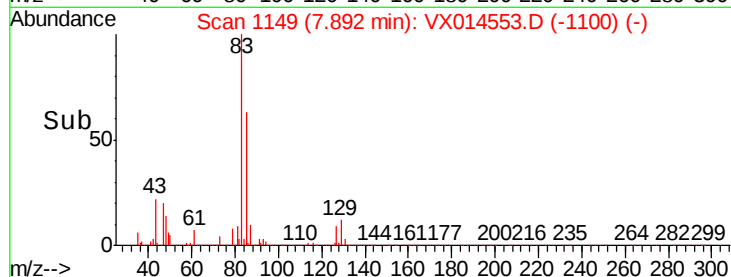
127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.865 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

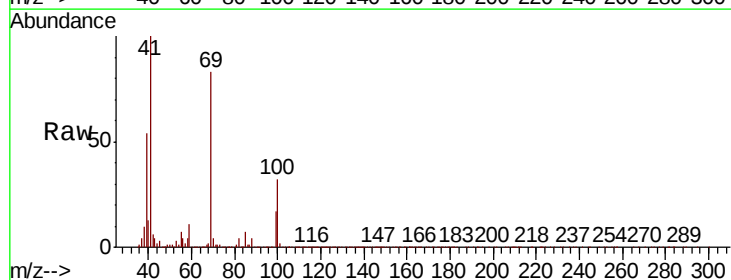
Tgt Ion: 41 Resp: 113902

Ion Ratio Lower Upper

41 100

69 81.6 65.5 98.3

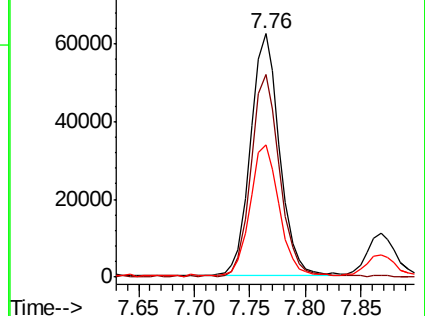
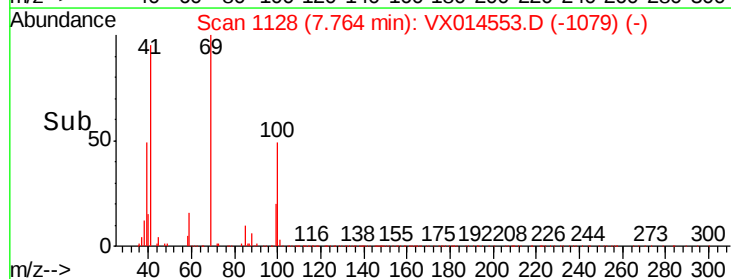
39 54.3 43.9 65.9

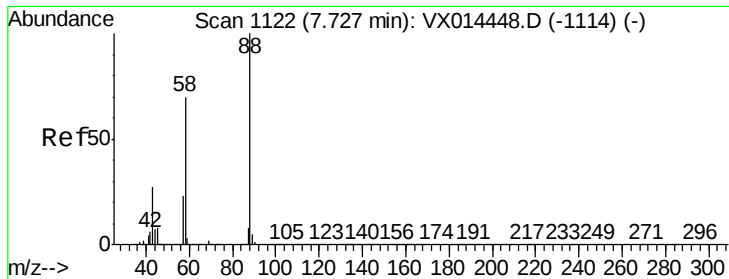


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 437.677 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

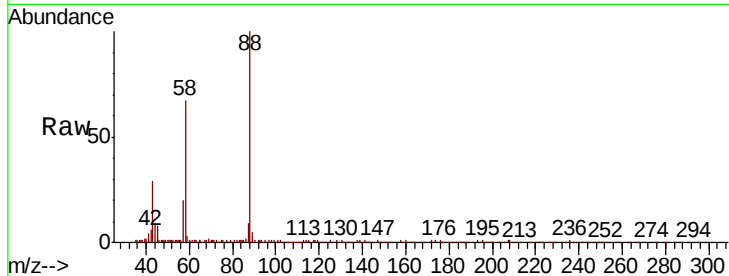
Tot Ion: 88 Resp: 50627

Ion Ratio Lower Upper

88 100

43 31.5 27.4 41.0

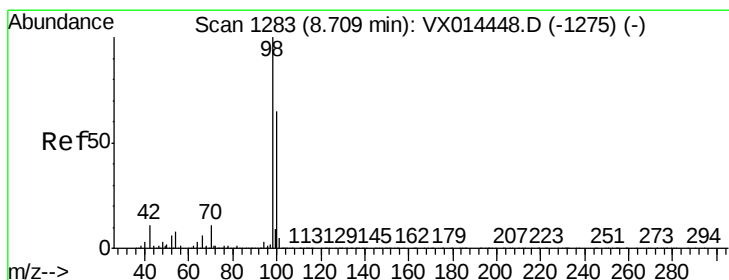
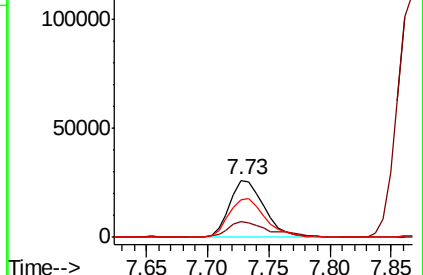
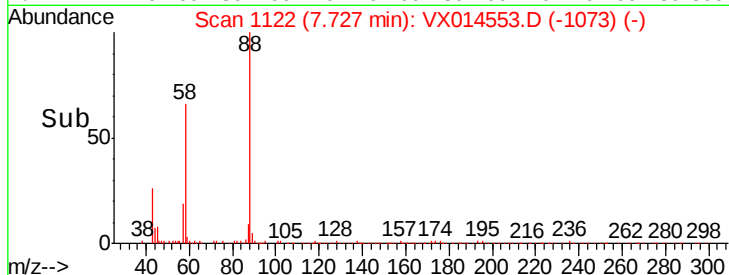
58 70.5 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.991 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014553.D

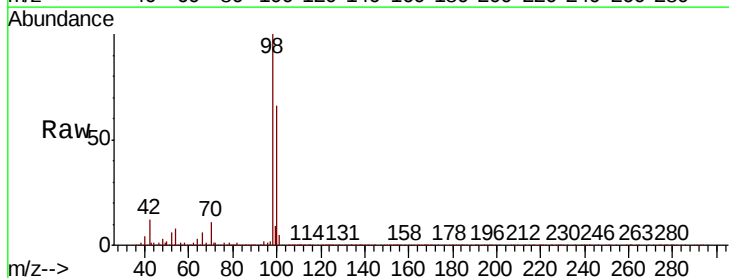
Acq: 10 Jan 2020 22:33

Tgt Ion: 98 Resp: 778716

Ion Ratio Lower Upper

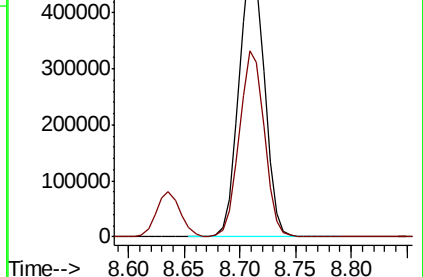
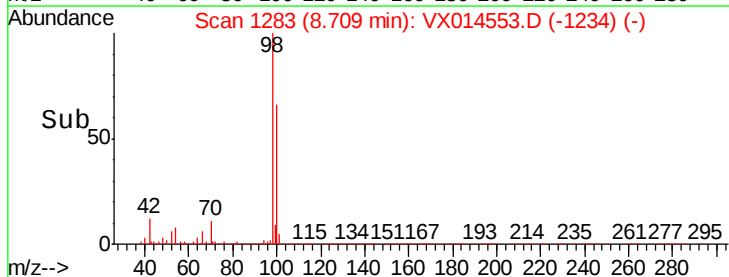
98 100

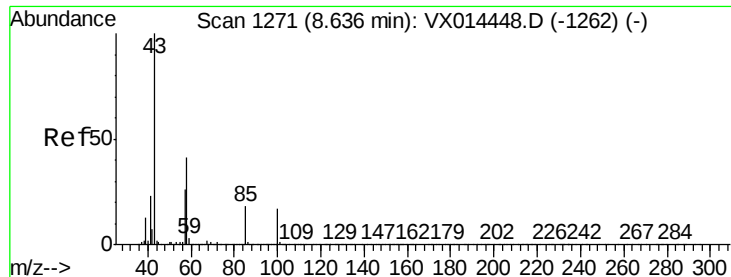
100 66.3 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 108.541 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

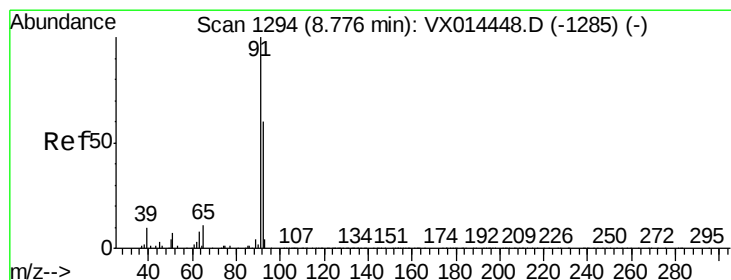
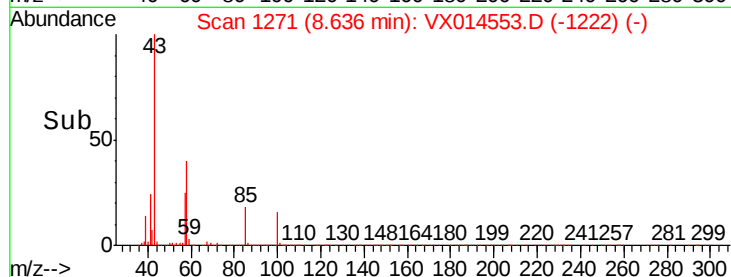
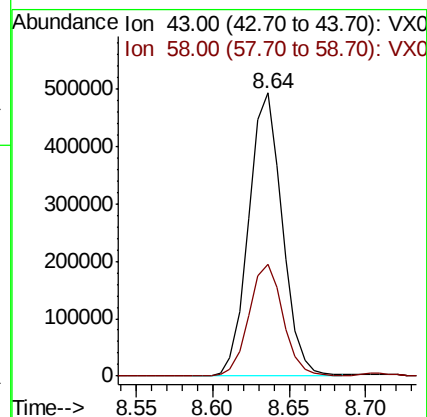
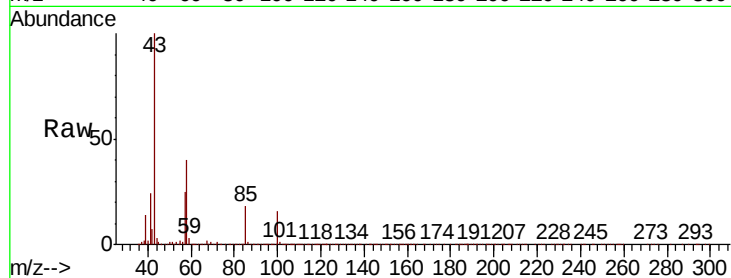
VX0110WBSD02

Tot Ion: 43 Resp: 753892

Ion Ratio Lower Upper

43 100

58 39.9 32.4 48.6



#52

Toluene

Concen: 19.104 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014553.D

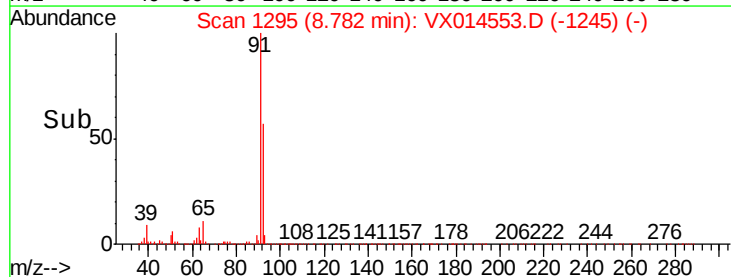
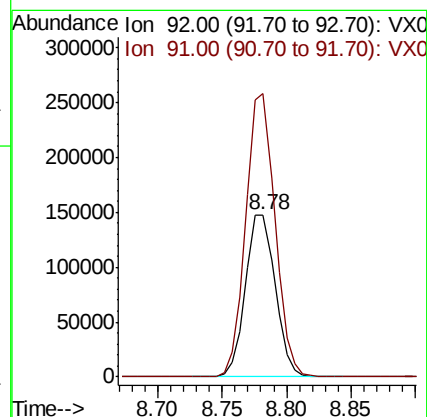
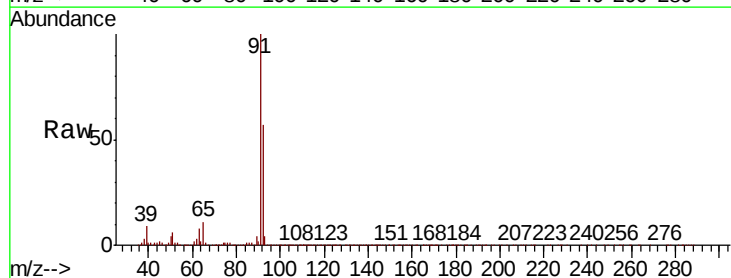
Acq: 10 Jan 2020 22:33

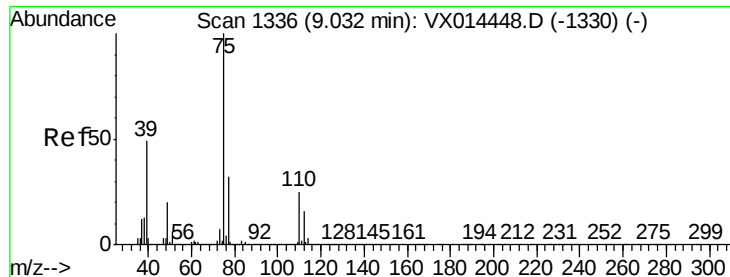
Tgt Ion: 92 Resp: 235774

Ion Ratio Lower Upper

92 100

91 172.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.810 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

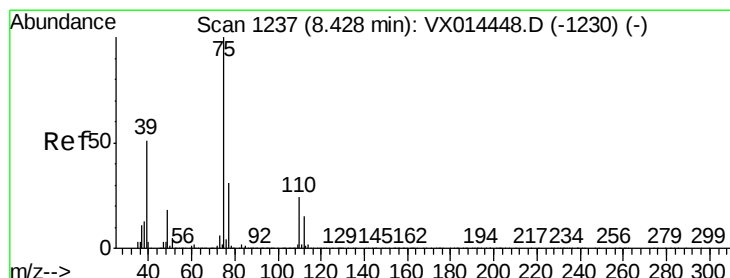
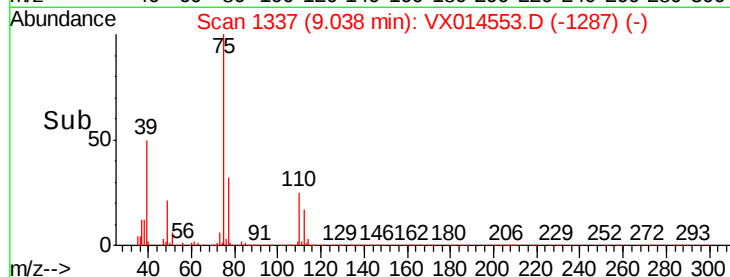
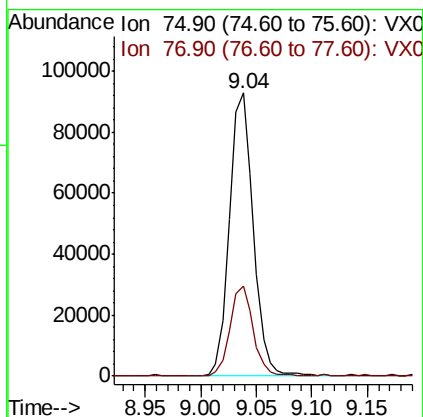
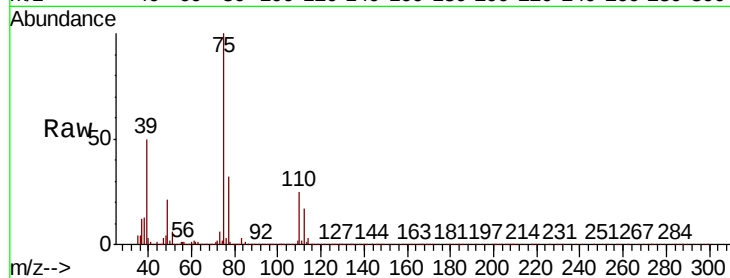
VX0110WBSD02

Tot Ion: 75 Resp: 136704

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.957 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

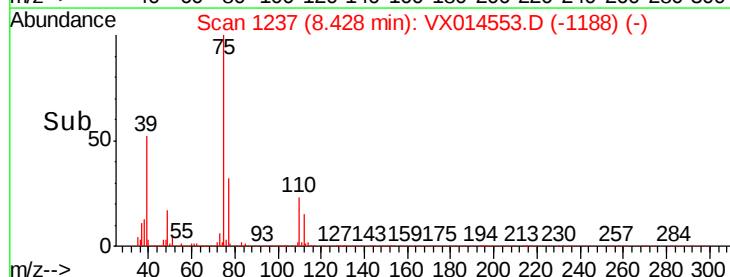
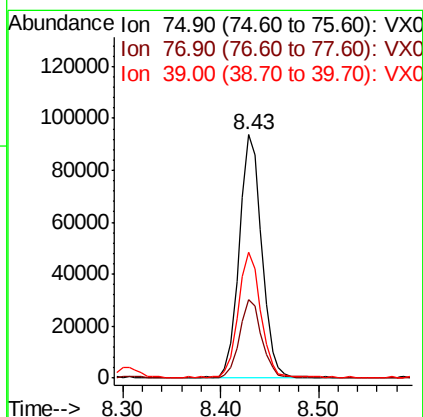
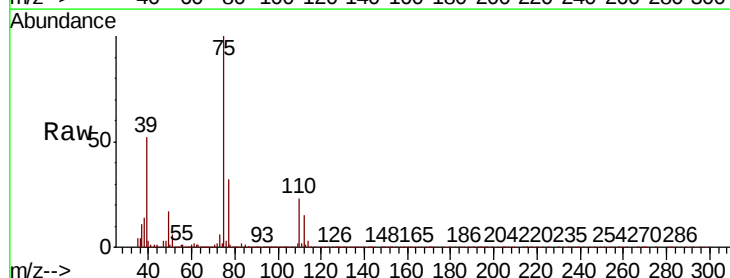
Tgt Ion: 75 Resp: 148827

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 51.5 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 20.085 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 97 Resp: 99566

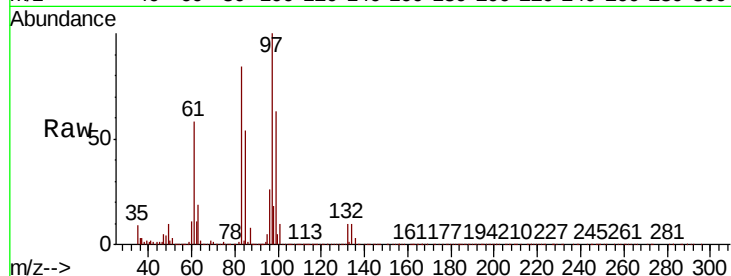
Ion Ratio Lower Upper

97 100

83 83.7 66.4 99.6

85 53.7 43.4 65.2

99 62.3 49.6 74.4

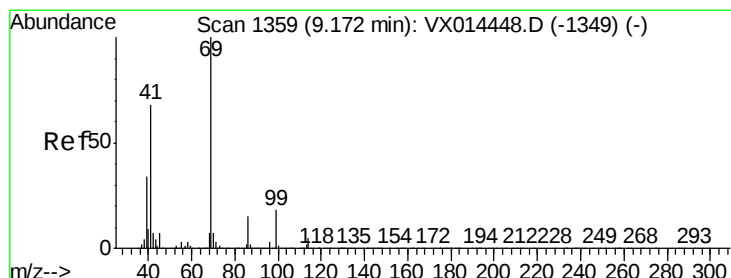
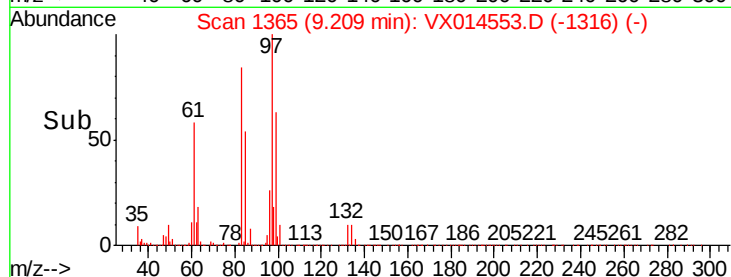
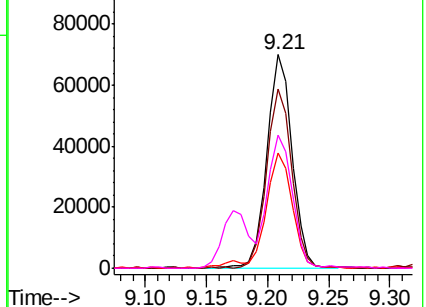


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.506 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

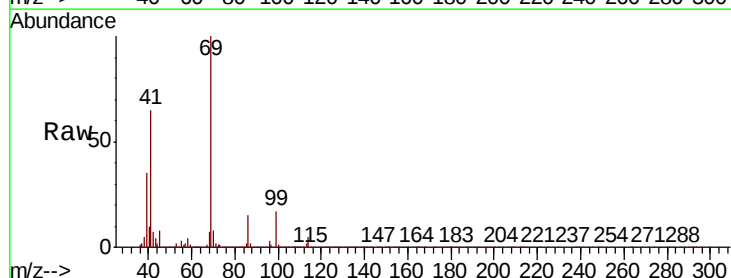
Tgt Ion: 69 Resp: 155731

Ion Ratio Lower Upper

69 100

41 67.1 54.2 81.2

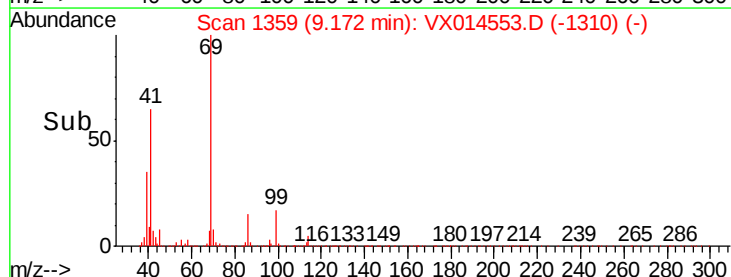
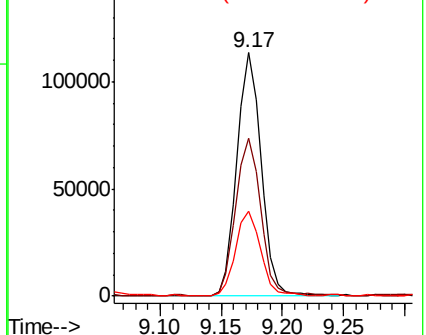
39 35.3 28.2 42.2

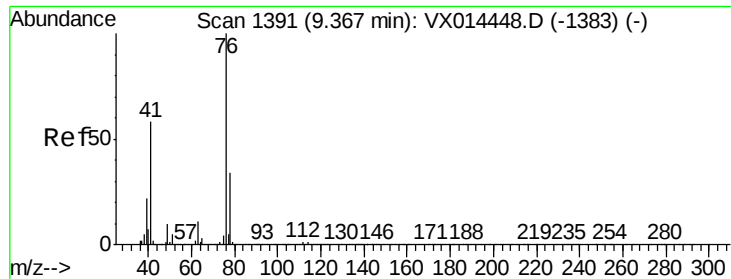


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.588 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

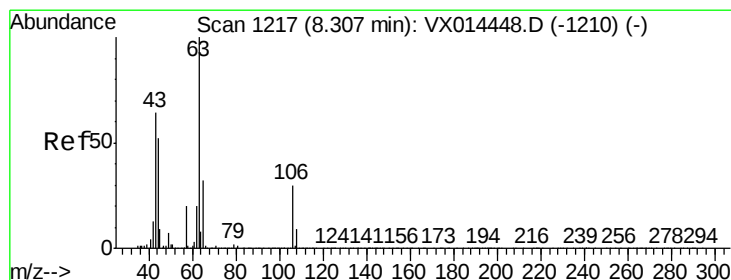
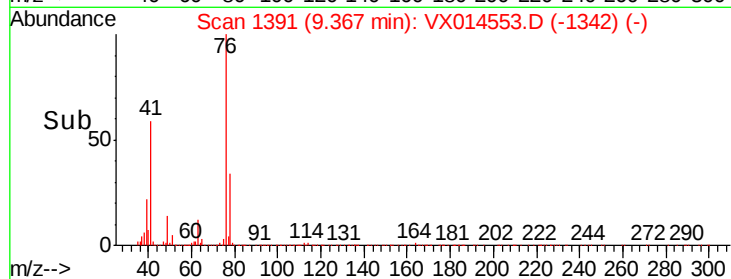
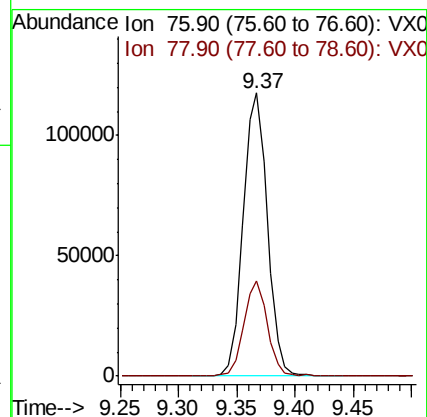
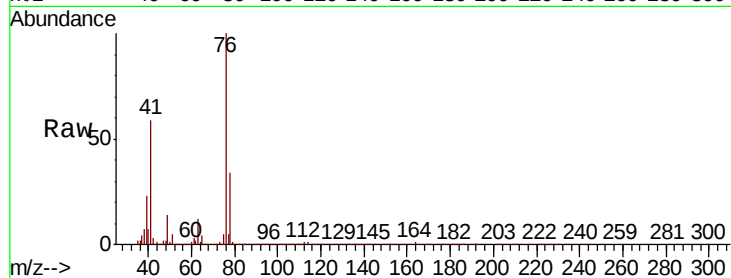
VX0110WBSD02

Tot Ion: 76 Resp: 170639

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.173 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014553.D

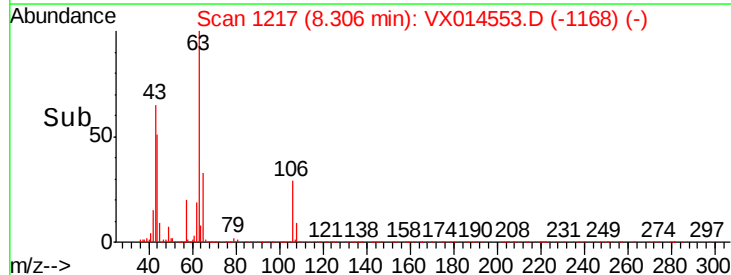
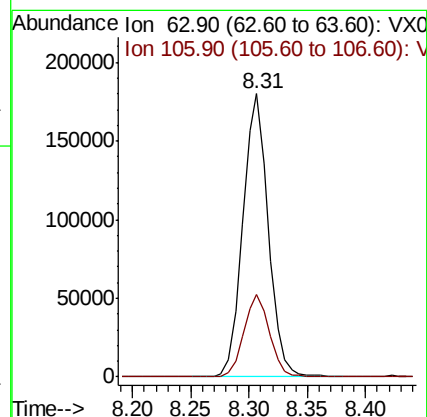
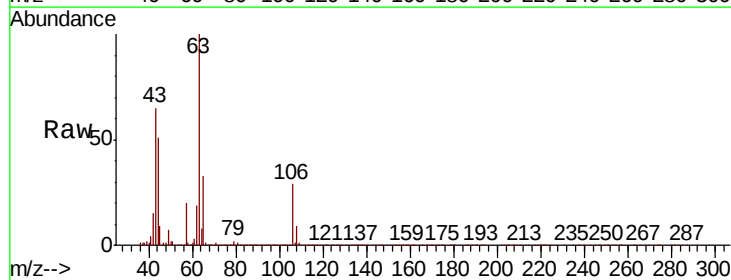
Acq: 10 Jan 2020 22:33

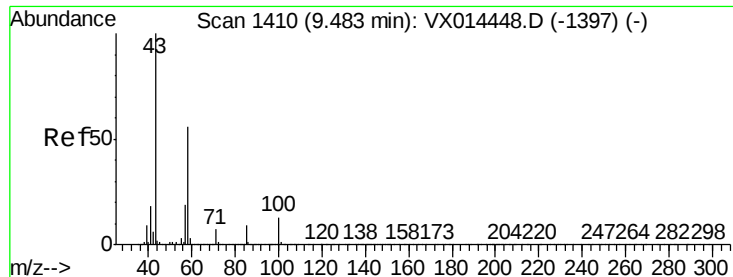
Tgt Ion: 63 Resp: 274343

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





#59

2-Hexanone

Concen: 106.402 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

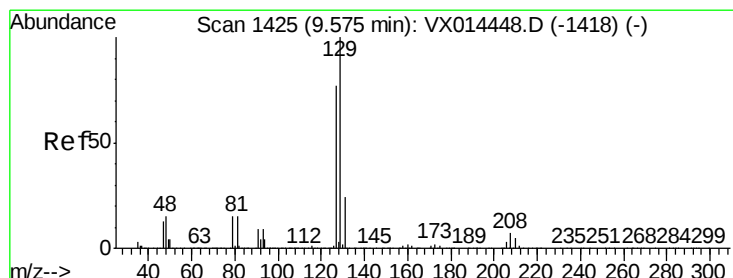
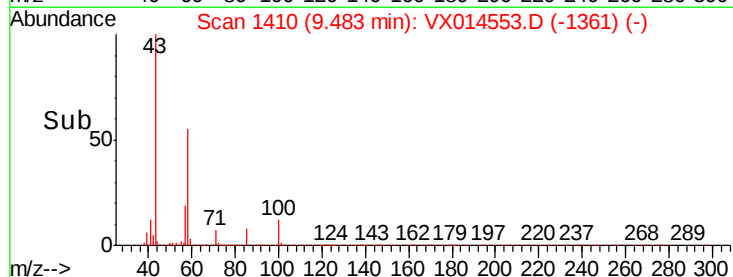
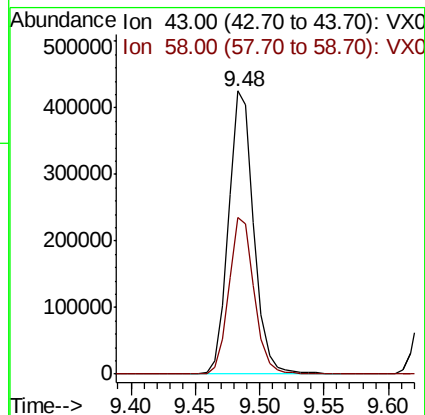
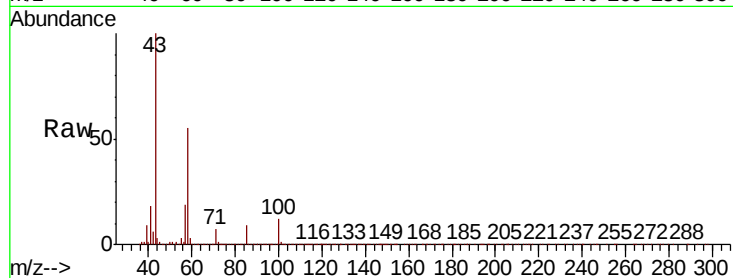
VX0110WBSD02

Tot Ion: 43 Resp: 584757

Ion Ratio Lower Upper

43 100

58 55.7 27.9 83.7



#60

Dibromochloromethane

Concen: 19.962 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014553.D

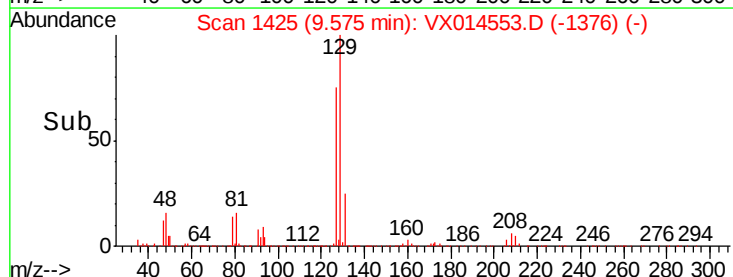
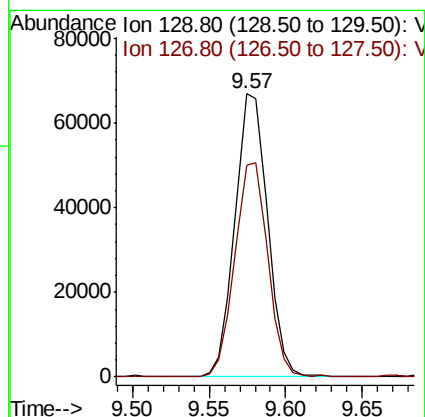
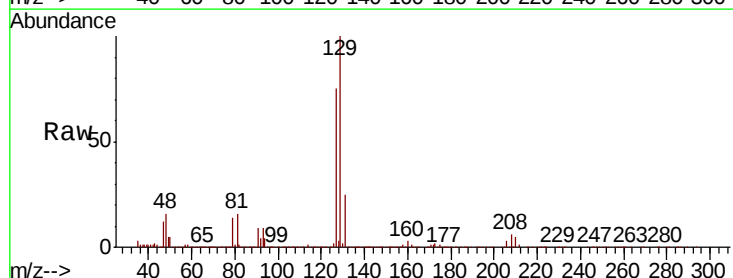
Acq: 10 Jan 2020 22:33

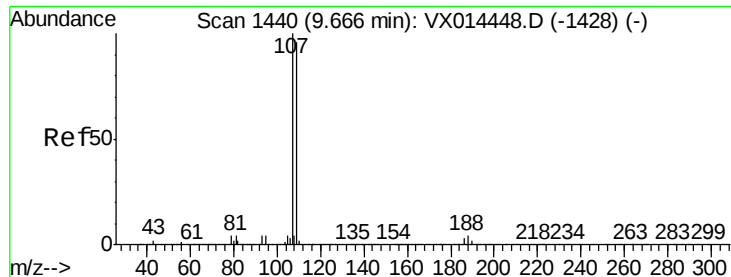
Tgt Ion: 129 Resp: 99461

Ion Ratio Lower Upper

129 100

127 76.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.081 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

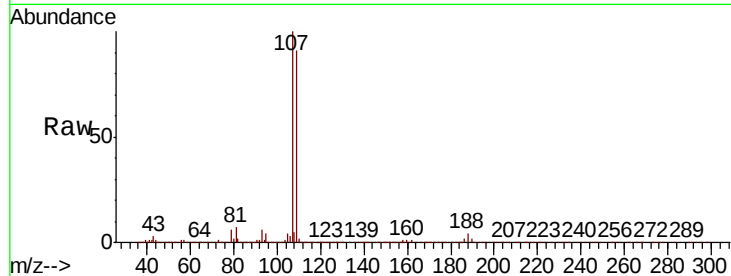
VX0110WBSD02

Tot Ion:107 Resp: 105445

Ion Ratio Lower Upper

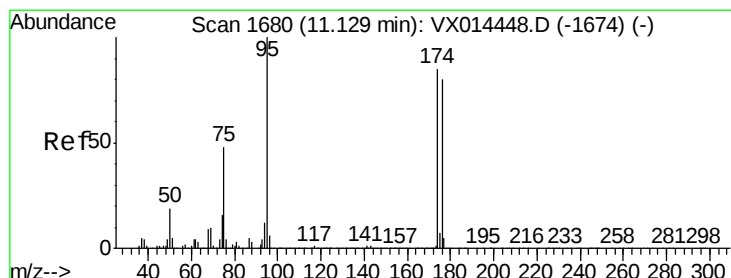
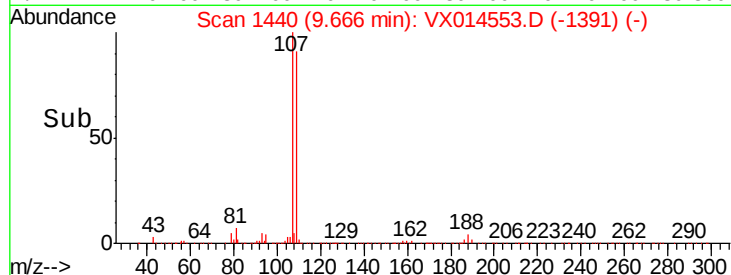
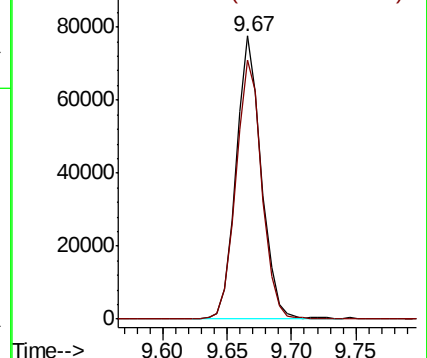
107 100

109 94.6 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.117 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

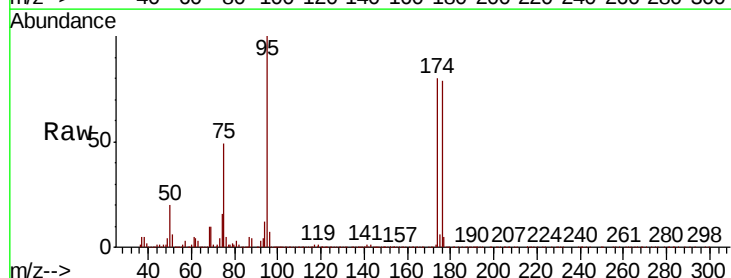
Tgt Ion: 95 Resp: 268759

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

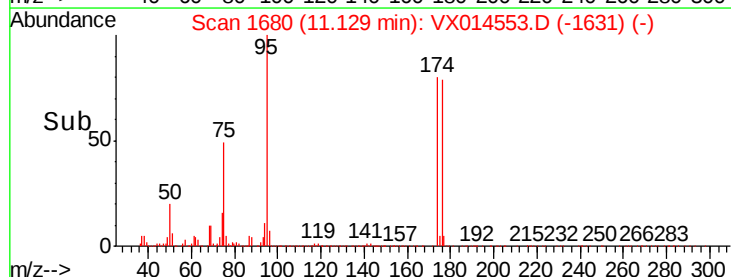
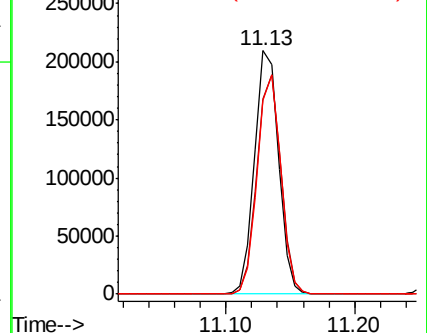
176 87.8 0.0 172.8

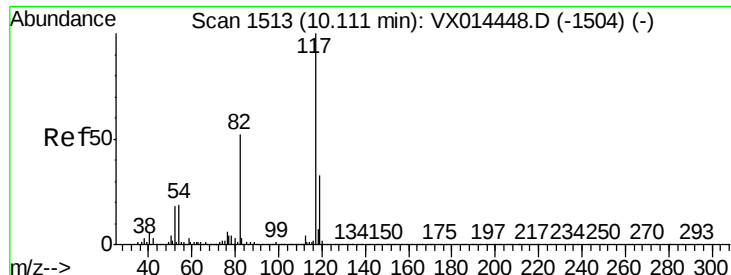


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

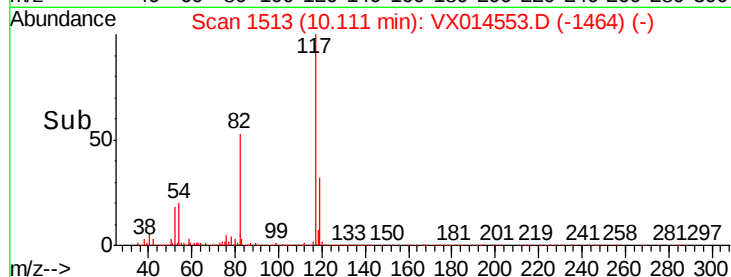
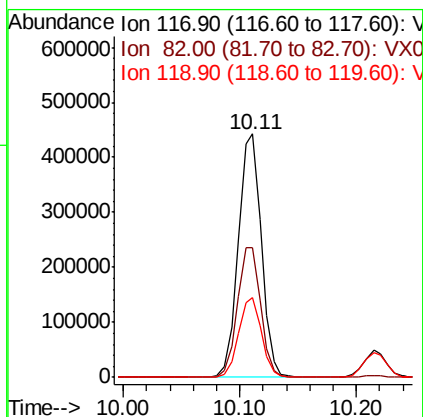
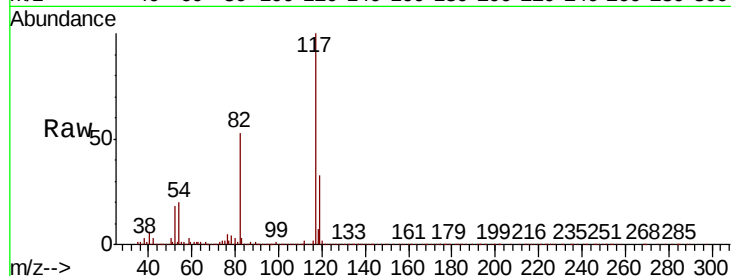




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

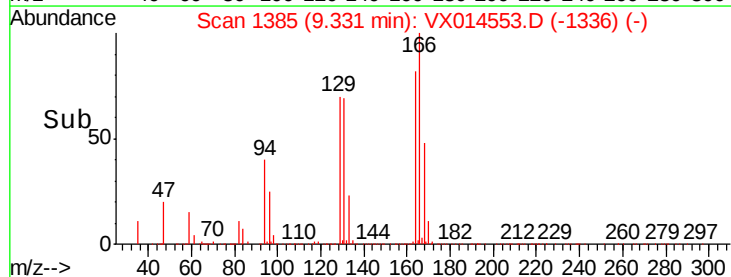
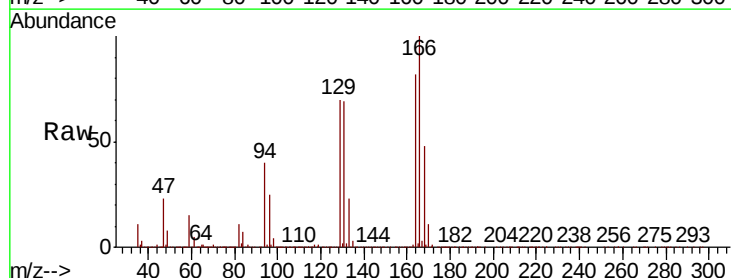
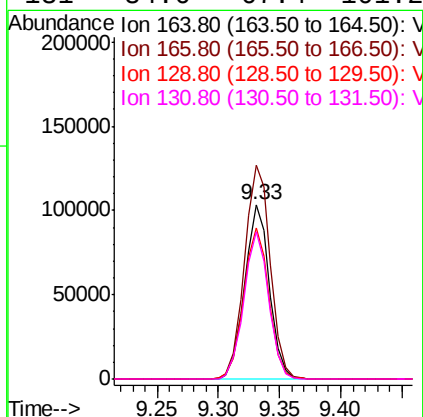
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

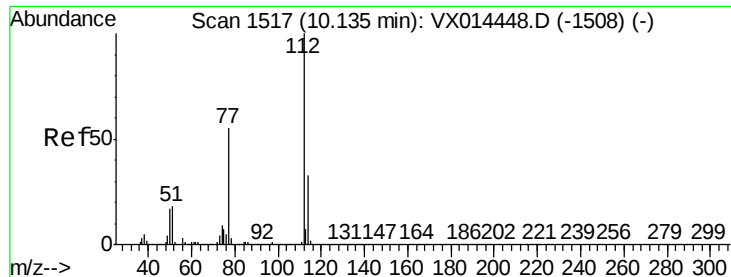
Tot Ion:117 Resp: 610838
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 23.673 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion:164 Resp: 144928
Ion Ratio Lower Upper
164 100
166 122.3 101.2 151.8
129 86.1 68.3 102.5
131 84.6 67.4 101.2





#65

Chlorobenzene

Concen: 19.035 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

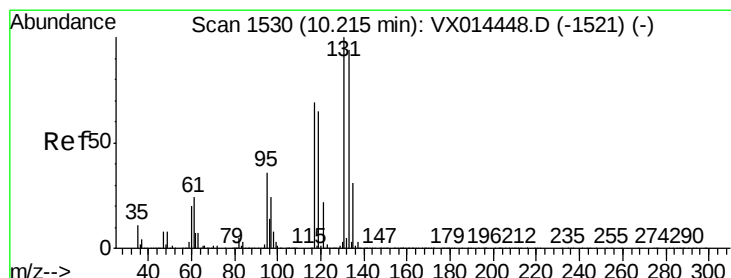
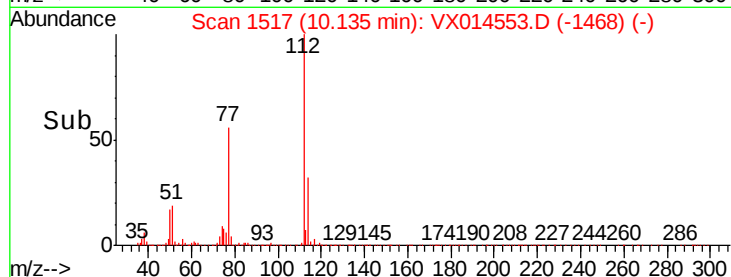
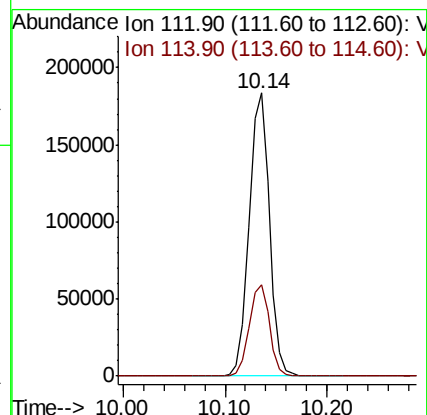
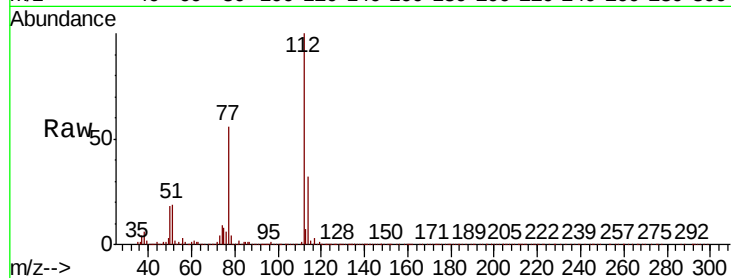
VX0110WBSD02

Tot Ion:112 Resp: 252336

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.184 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

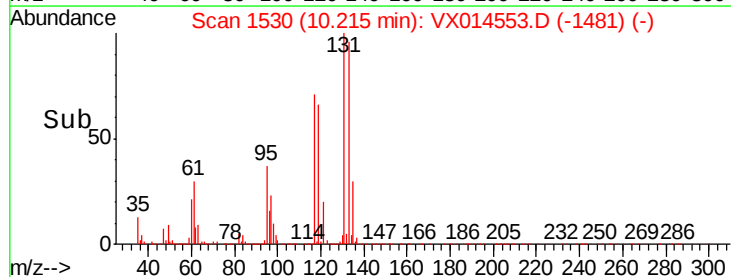
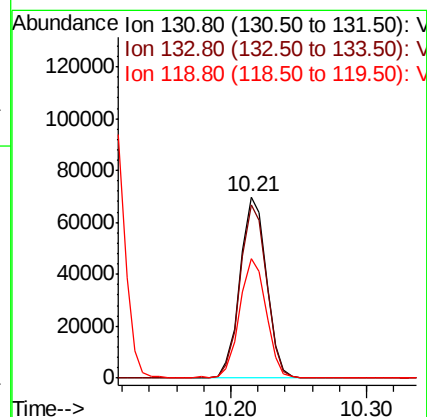
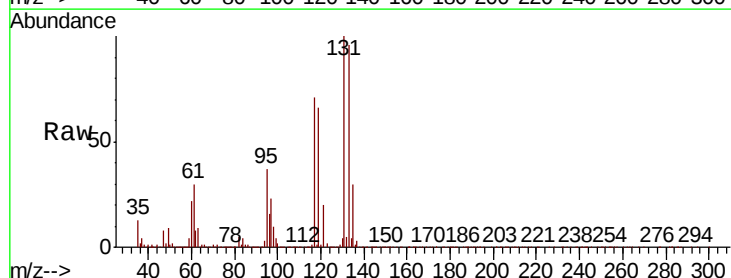
Tgt Ion:131 Resp: 95484

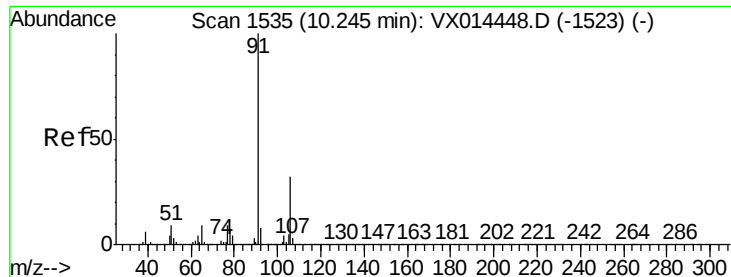
Ion Ratio Lower Upper

131 100

133 95.0 47.3 142.0

119 65.6 32.8 98.4

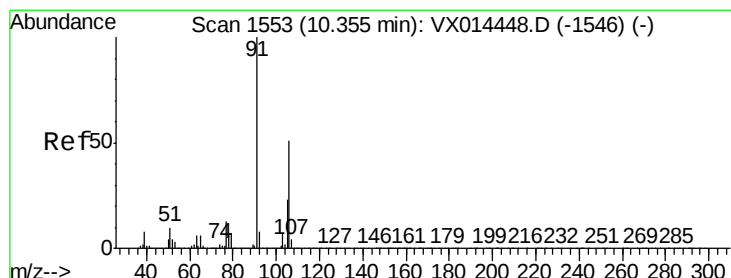
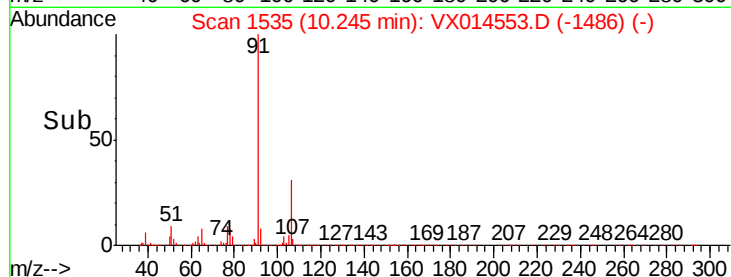
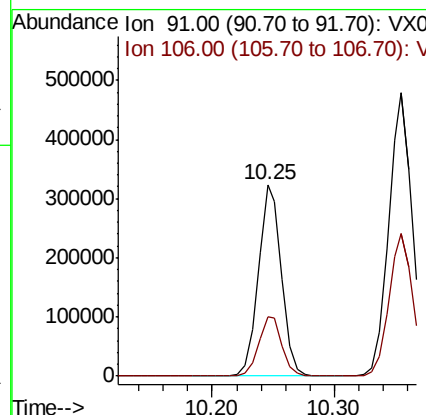
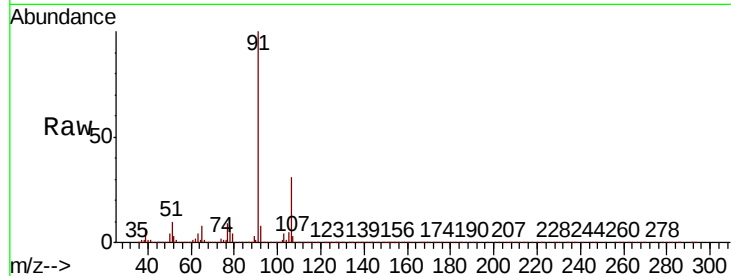




#67
Ethyl Benzene
Concen: 18.796 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

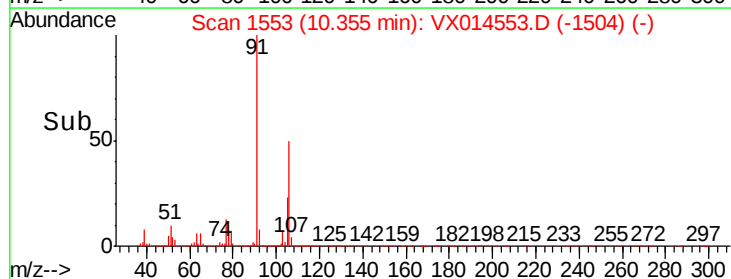
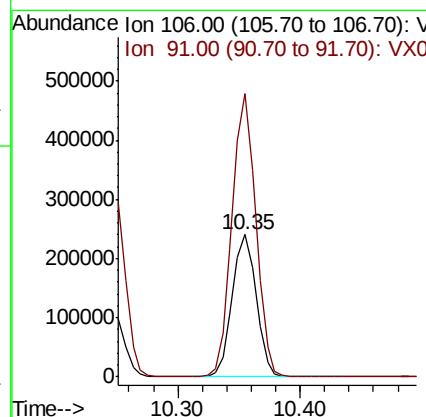
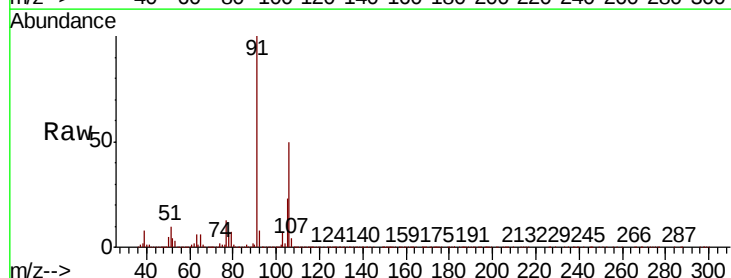
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

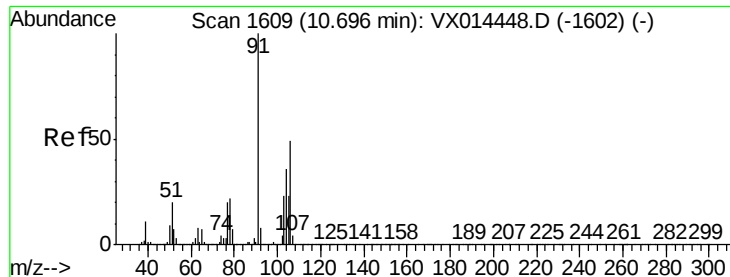
Tot Ion: 91 Resp: 424689
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 37.633 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 106 Resp: 328041
Ion Ratio Lower Upper
106 100
91 196.6 157.4 236.0

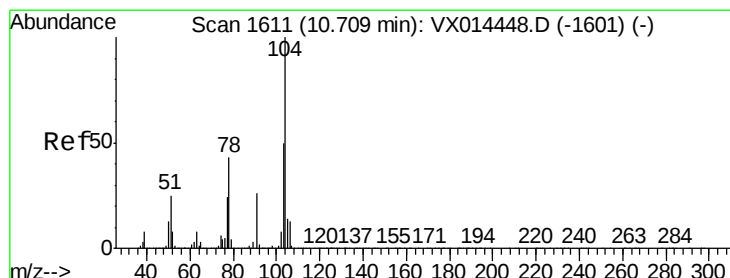
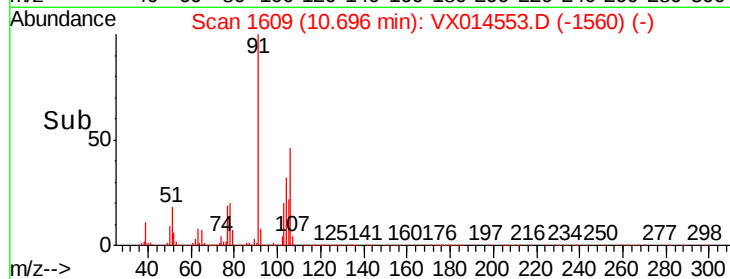
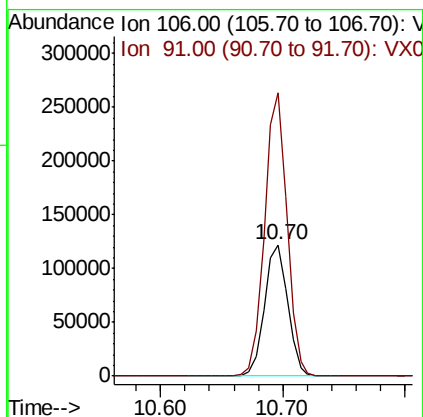
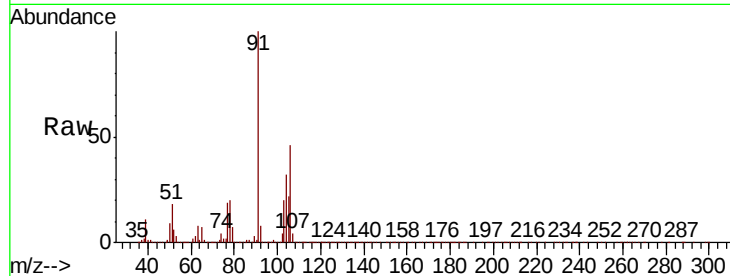




#69
o-Xylene
Concen: 19.457 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

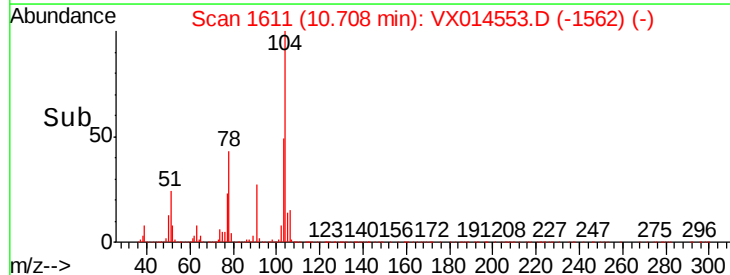
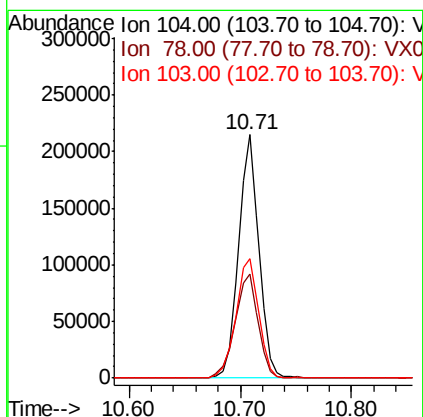
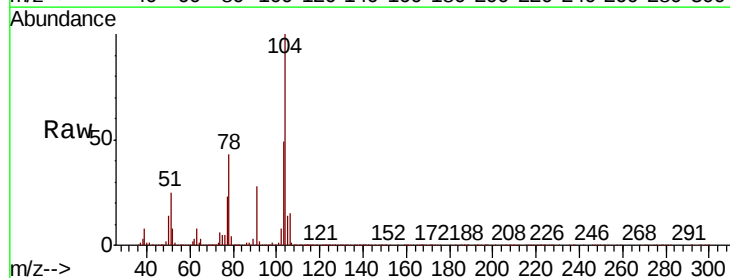
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion:106 Resp: 161820
Ion Ratio Lower Upper
106 100
91 207.9 105.1 315.1



#70
Styrene
Concen: 18.872 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion:104 Resp: 270869
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.0 43.7 65.5

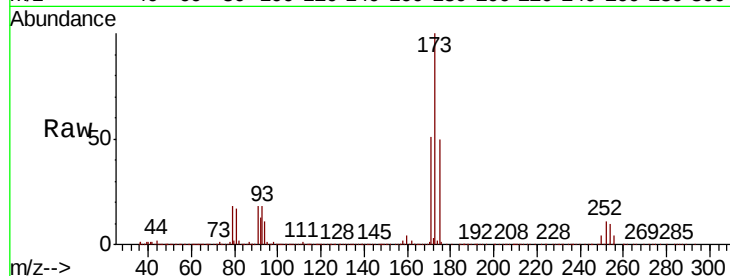




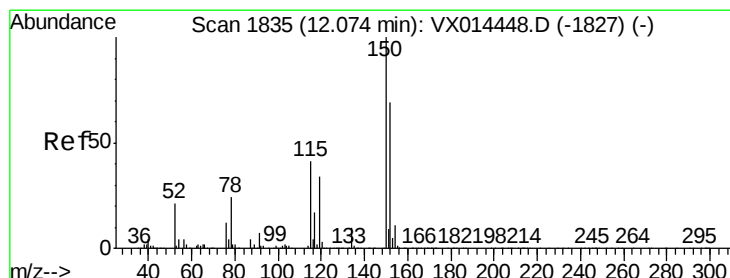
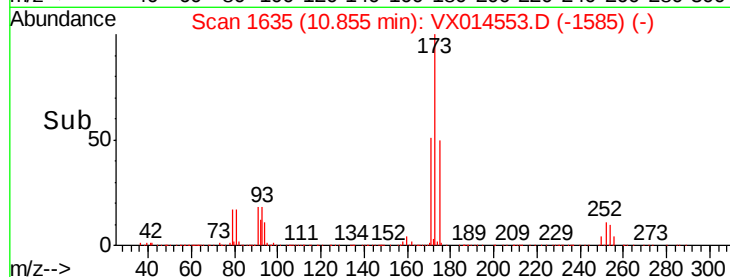
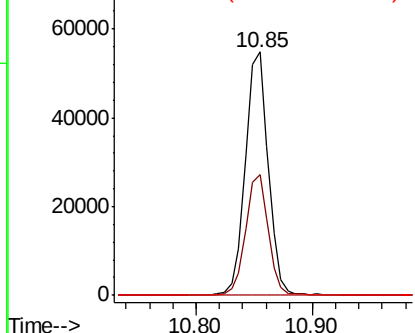
#71
Bromoform
Concen: 19.514 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion:173 Resp: 75531
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.5 0.2 0.2#

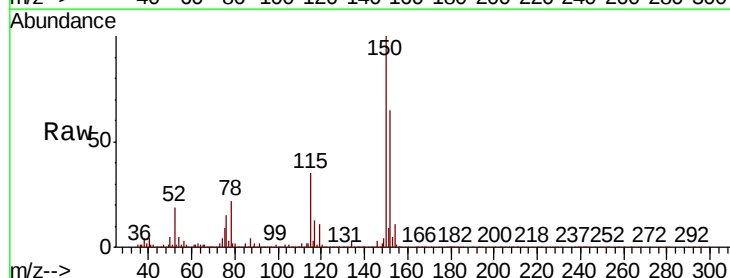


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

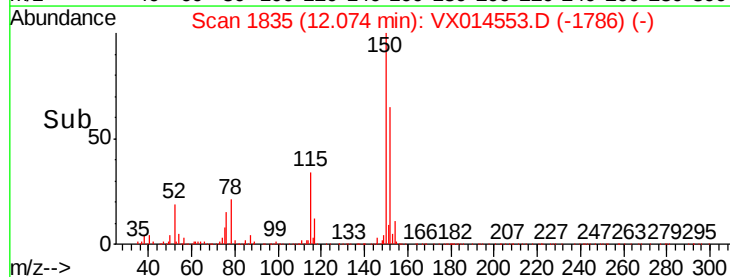
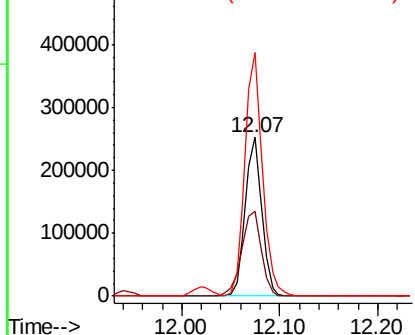


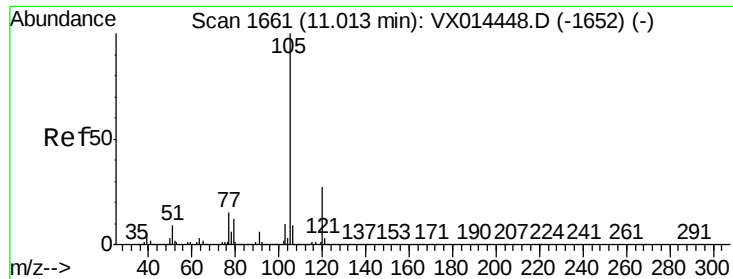
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion:152 Resp: 299180
Ion Ratio Lower Upper
152 100
115 62.8 39.5 118.3
150 161.1 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.432 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

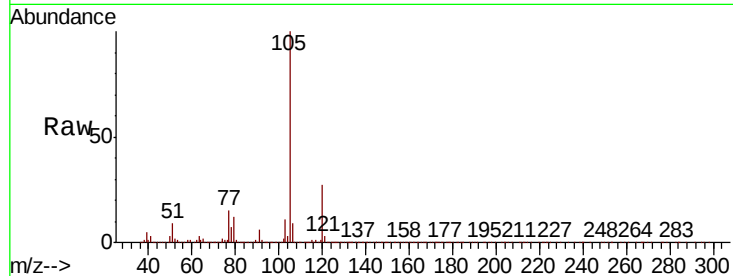
VX0110WBSD02

Tot Ion:105 Resp: 408247

Ion Ratio Lower Upper

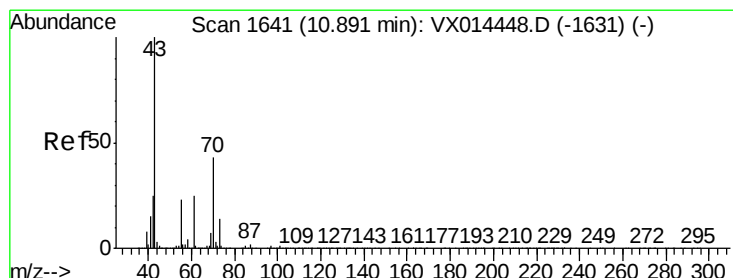
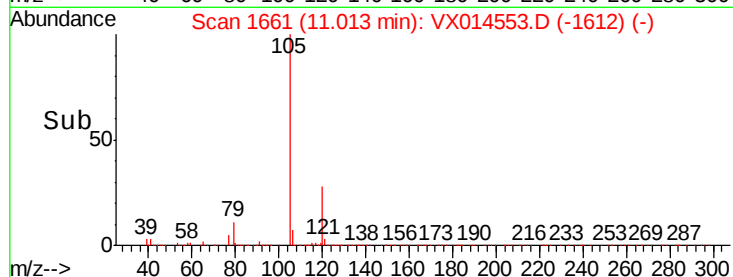
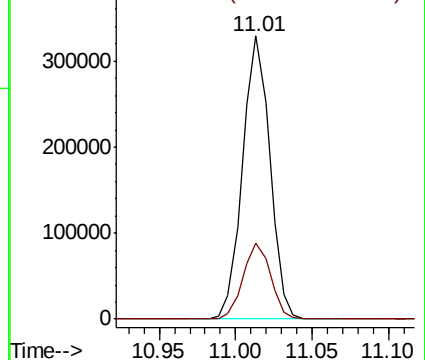
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.677 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion: 43 Resp: 191651

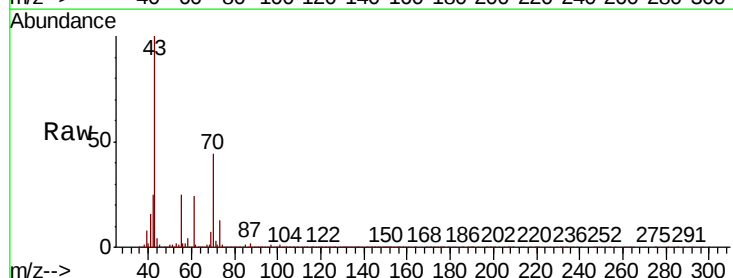
Ion Ratio Lower Upper

43 100

70 43.6 35.1 52.7

55 25.2 19.3 28.9

61 25.6 20.0 30.0

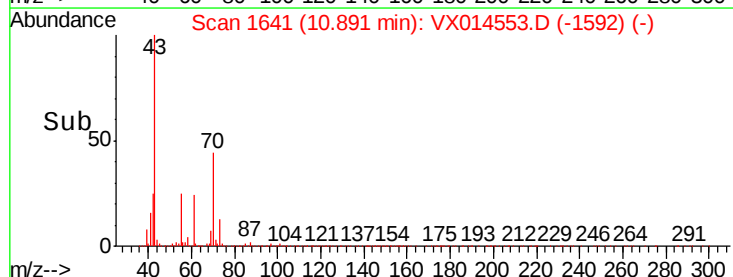
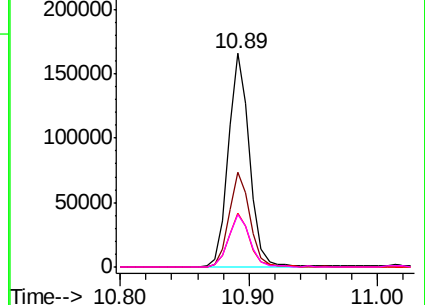


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.999 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

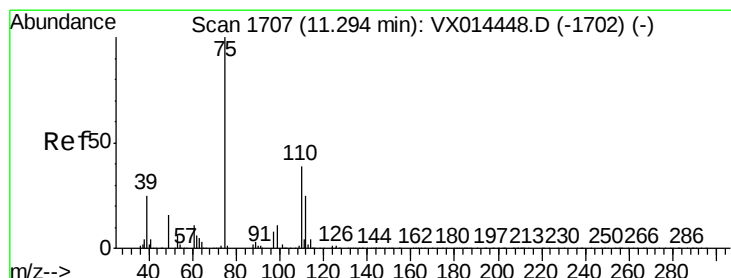
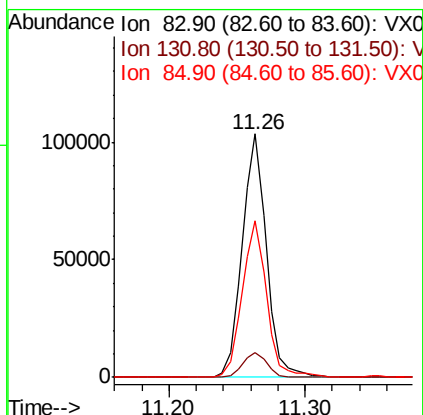
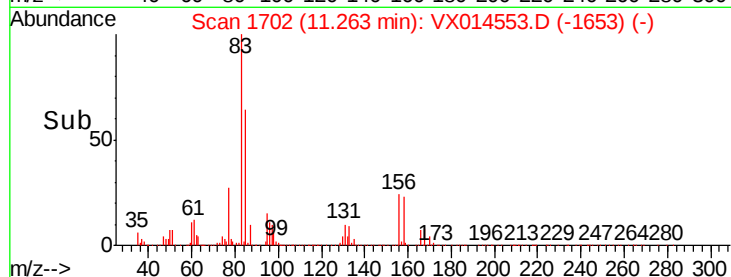
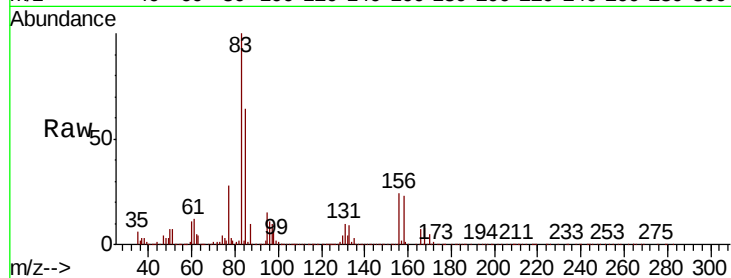
Tot Ion: 83 Resp: 128005

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 65.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 27.117 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014553.D

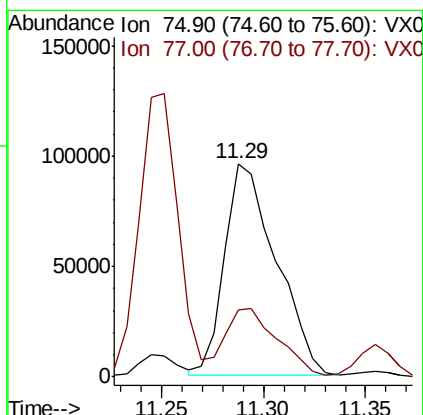
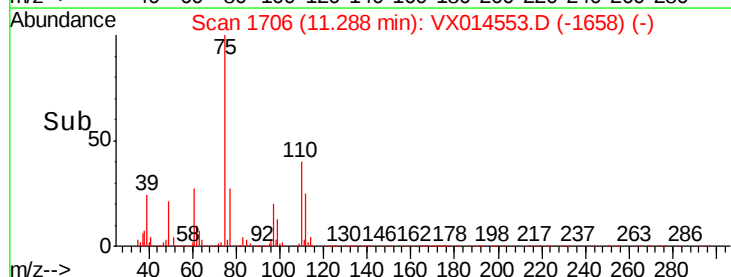
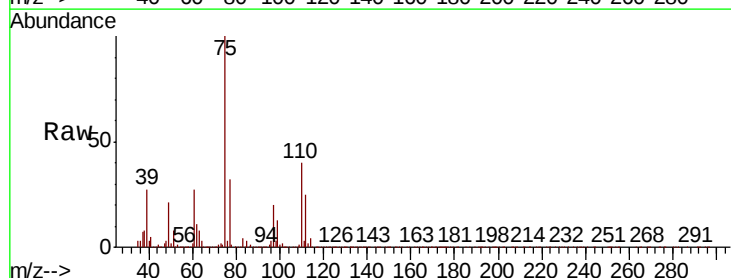
Acq: 10 Jan 2020 22:33

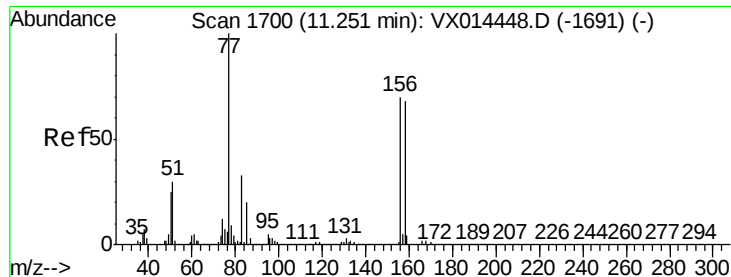
Tgt Ion: 75 Resp: 167859

Ion Ratio Lower Upper

75 100

77 31.4 21.9 65.7





#77

Bromobenzene

Concen: 19.411 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

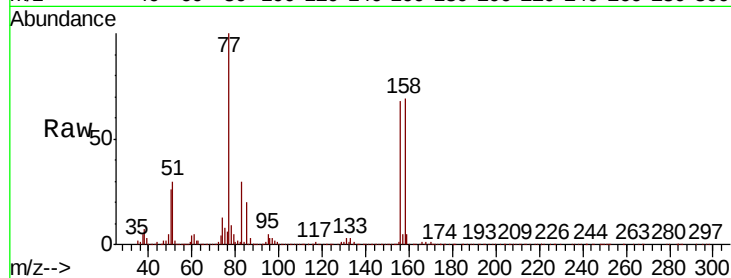
Tot Ion:156 Resp: 113095

Ion Ratio Lower Upper

156 100

77 150.7 75.4 226.3

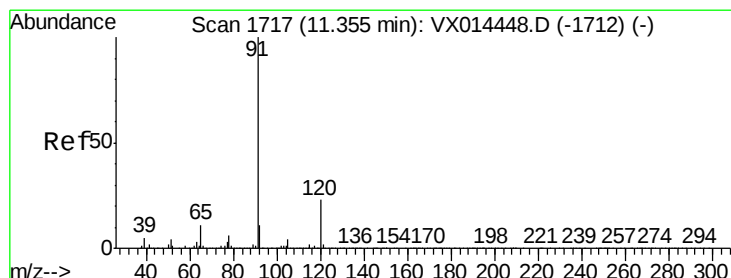
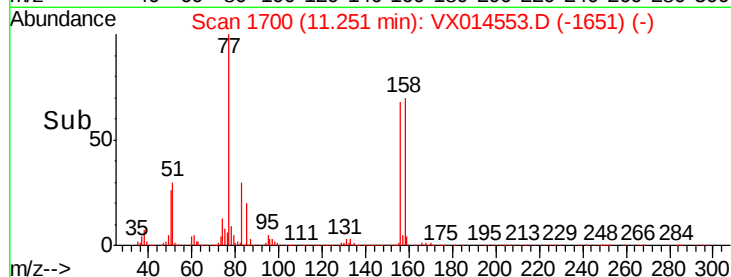
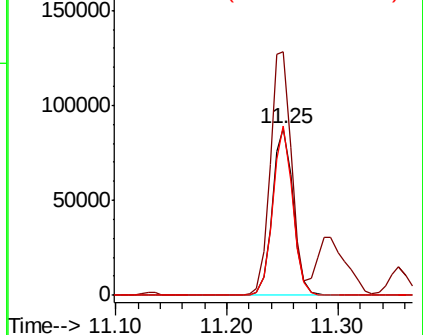
158 97.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.927 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014553.D

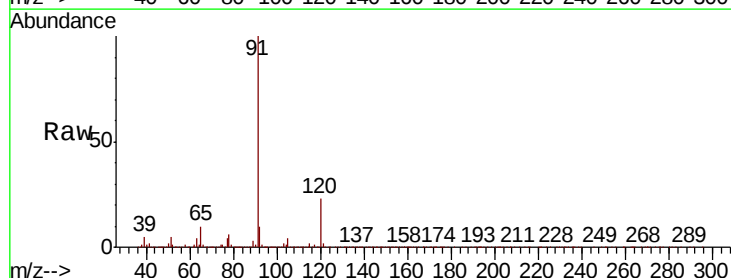
Acq: 10 Jan 2020 22:33

Tgt Ion: 91 Resp: 455393

Ion Ratio Lower Upper

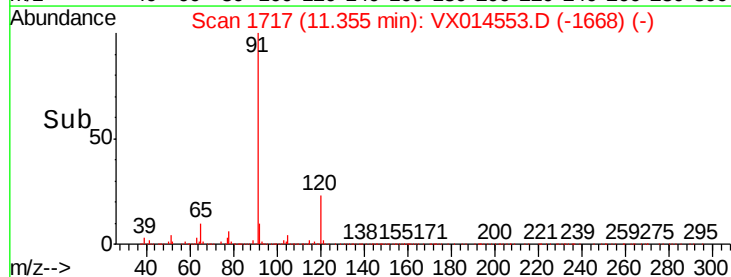
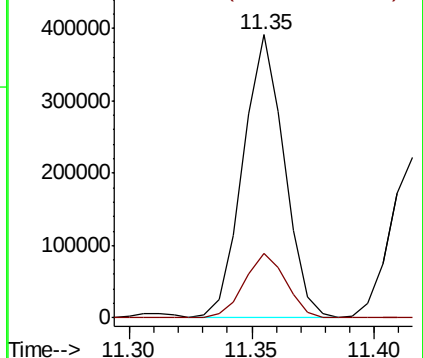
91 100

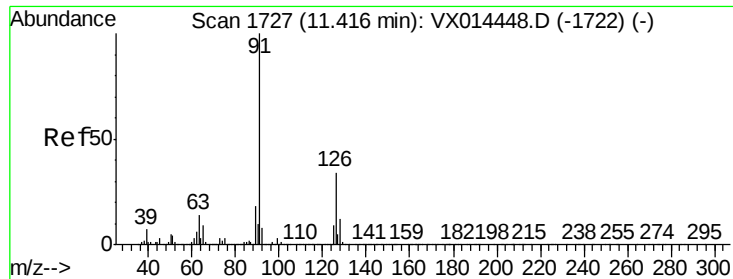
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

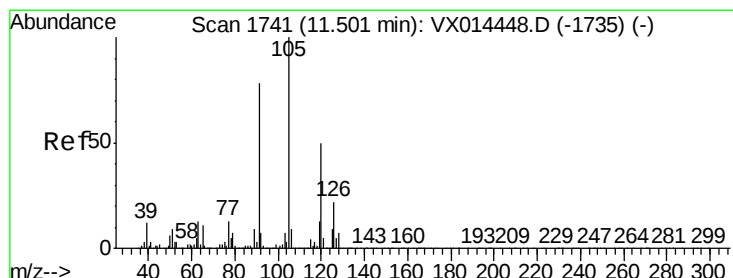
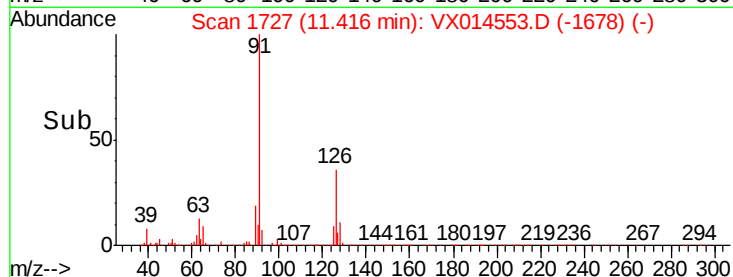
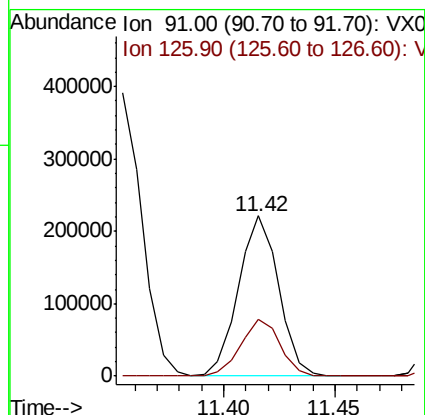
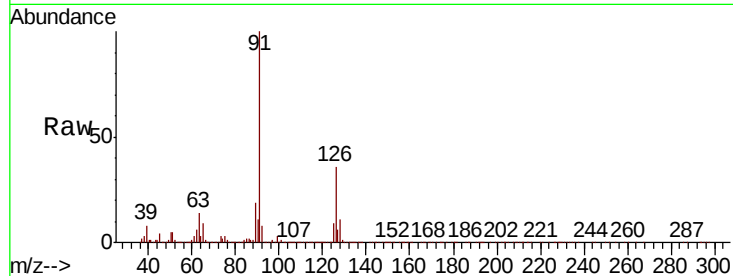




#79
 2-Chlorotoluene
 Concen: 19.281 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

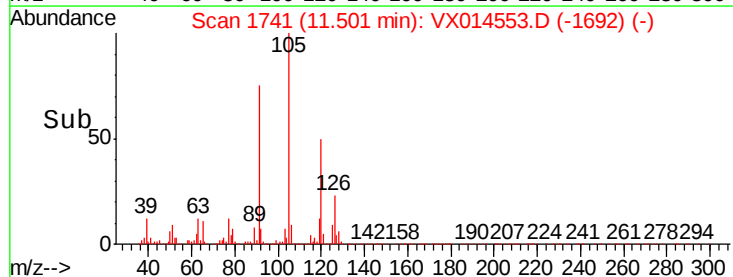
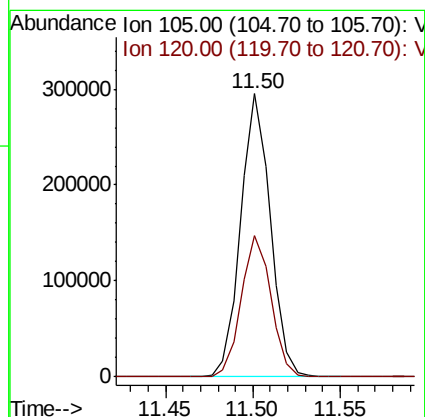
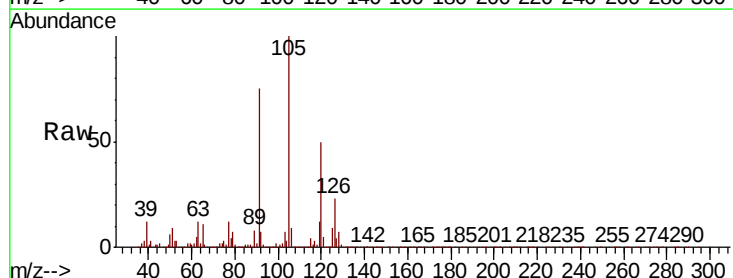
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

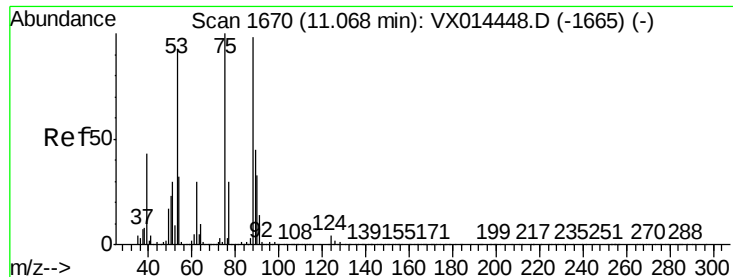
Tot Ion: 91 Resp: 276484
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.883 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion: 105 Resp: 346815
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.799 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

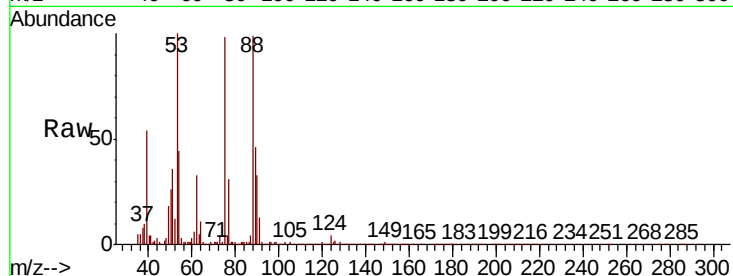
Tot Ion: 75 Resp: 44015

Ion Ratio Lower Upper

75 100

53 103.3 74.8 112.2

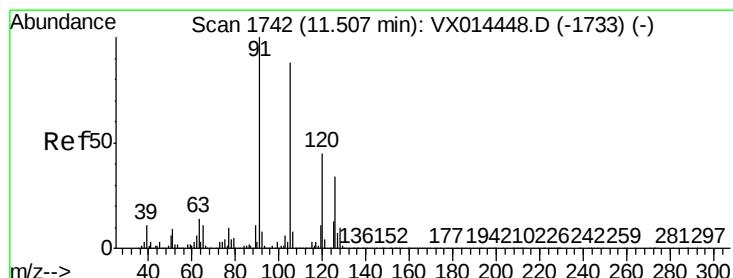
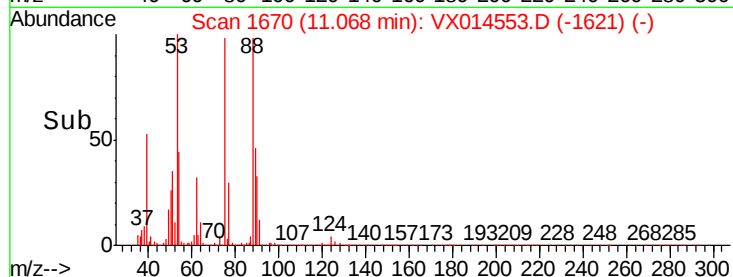
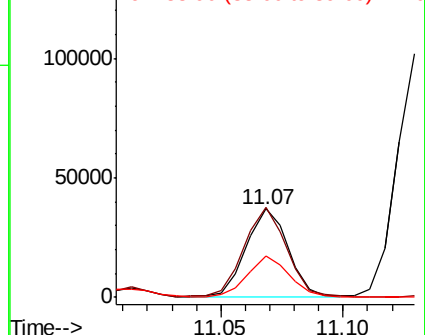
89 47.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.914 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014553.D

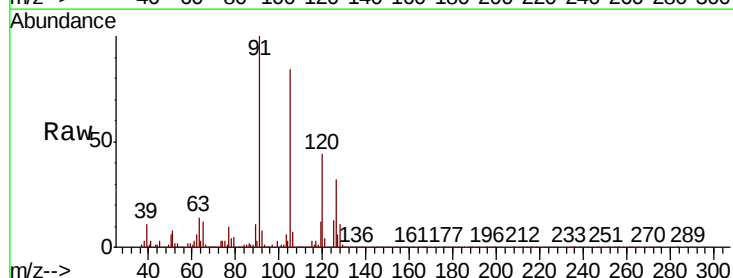
Acq: 10 Jan 2020 22:33

Tgt Ion: 91 Resp: 318366

Ion Ratio Lower Upper

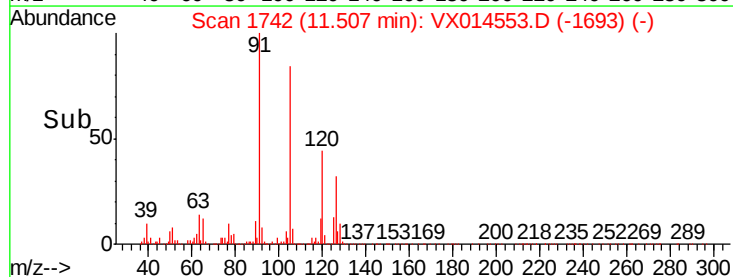
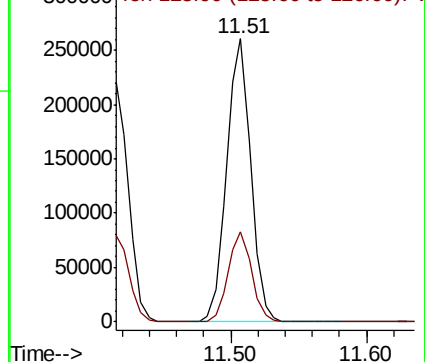
91 100

126 31.1 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.419 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

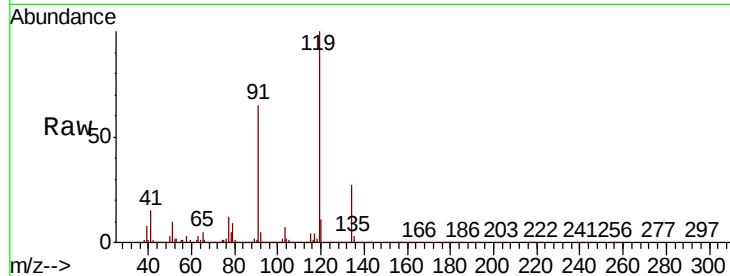
Tot Ion:119 Resp: 287080

Ion Ratio Lower Upper

119 100

91 64.0 29.3 88.0

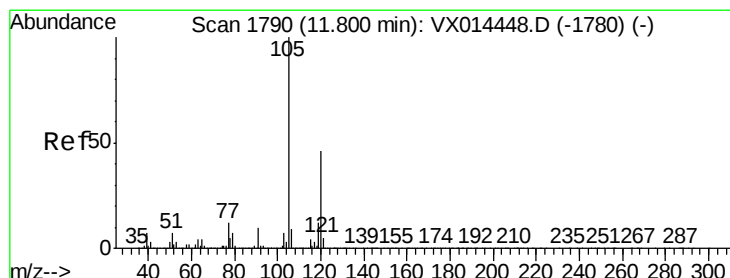
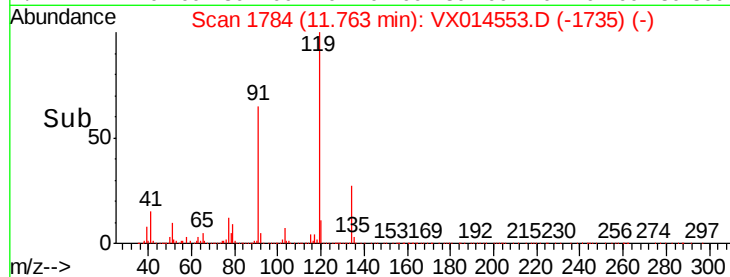
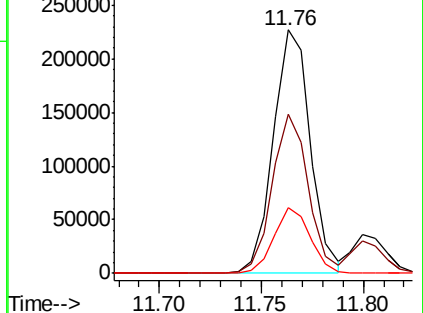
134 26.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.791 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014553.D

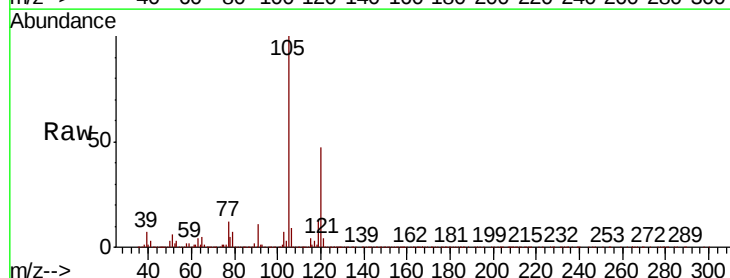
Acq: 10 Jan 2020 22:33

Tgt Ion:105 Resp: 348822

Ion Ratio Lower Upper

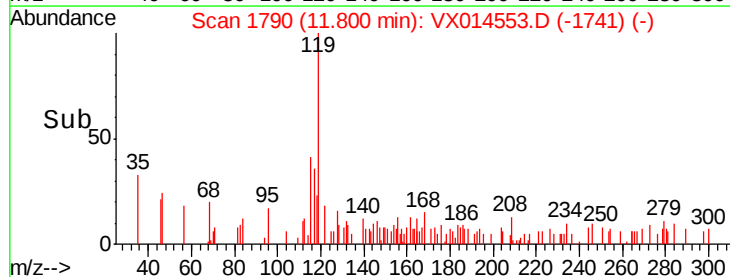
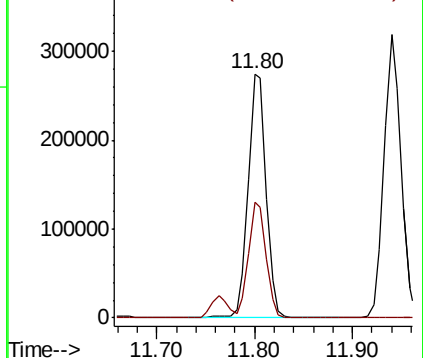
105 100

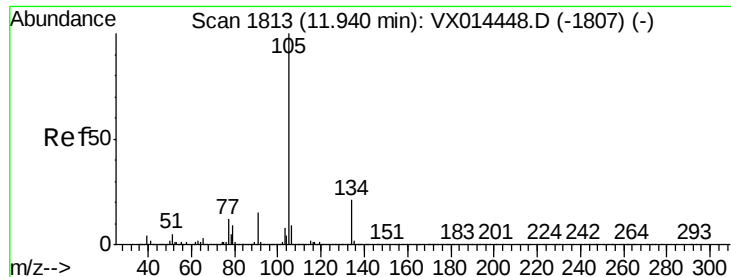
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

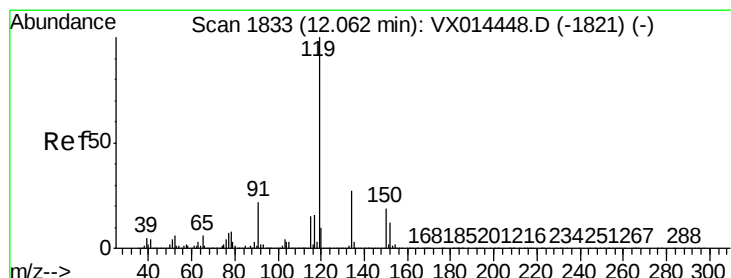
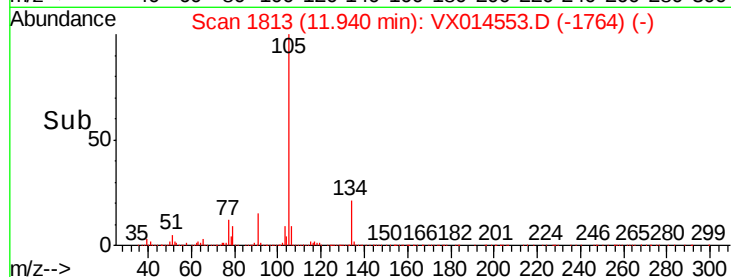
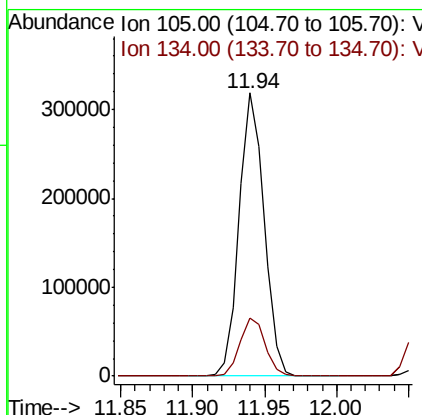
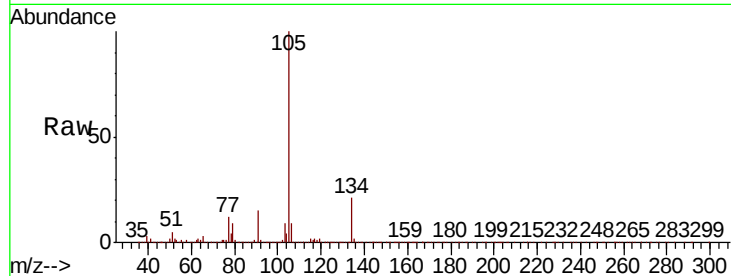




#85
 sec-Butylbenzene
 Concen: 18.785 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

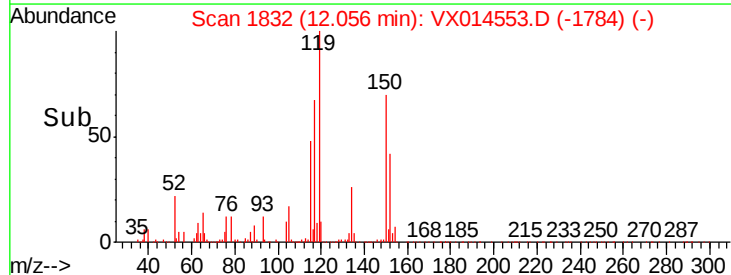
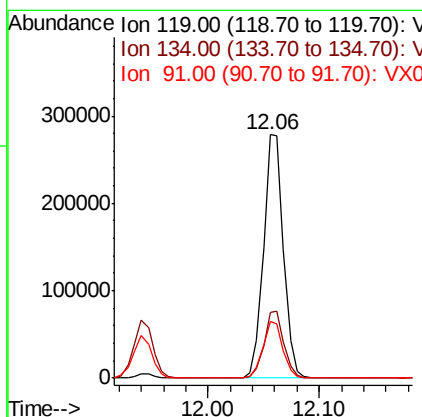
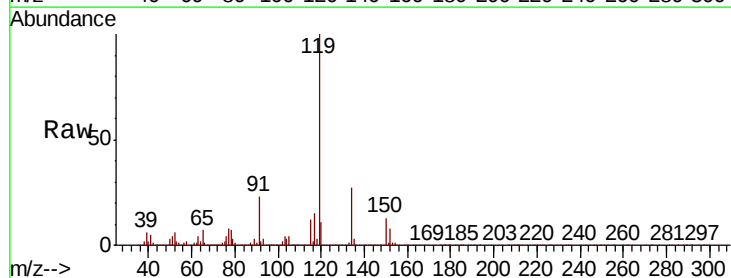
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

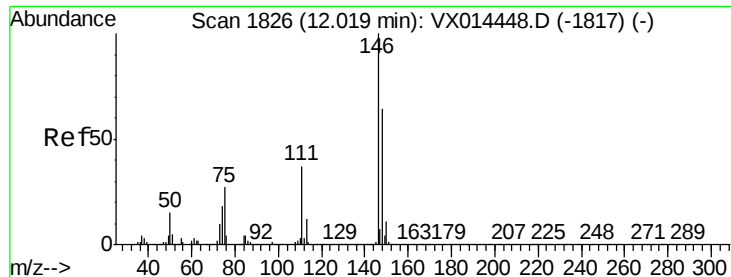
Tot Ion:105 Resp: 384874
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 18.406 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion:119 Resp: 349927
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.9 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.489 ug/l

RT: 12.02 min Scan# 1826

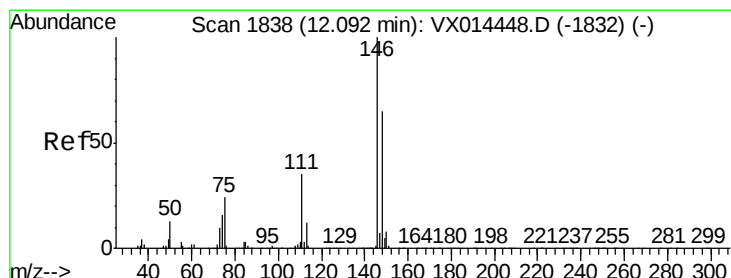
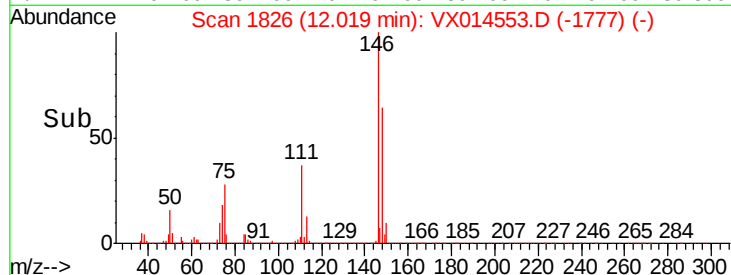
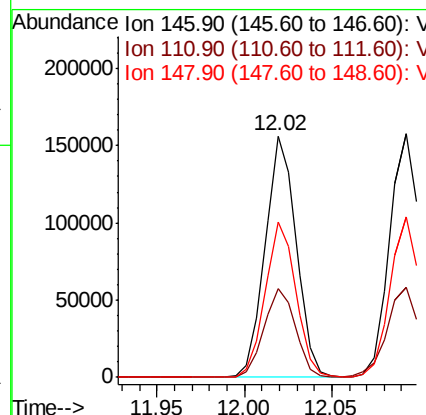
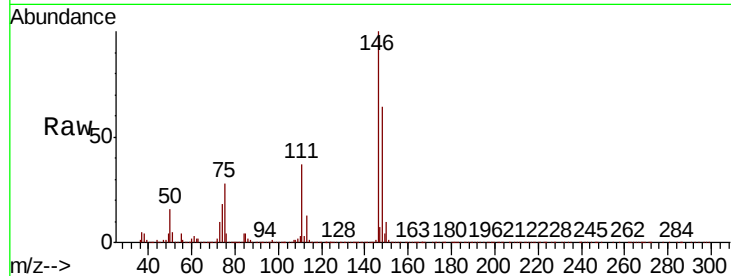
Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	63.4	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.328 ug/l

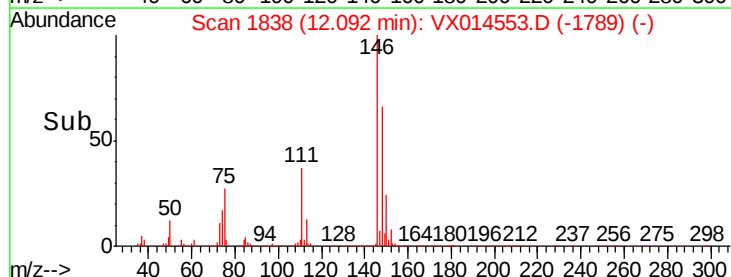
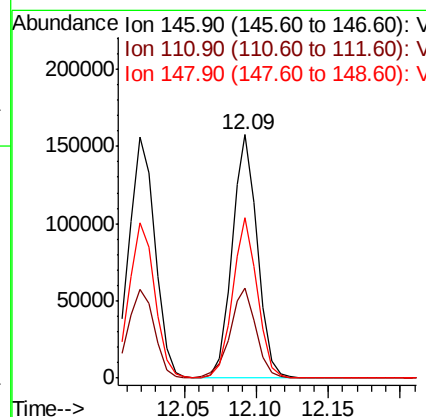
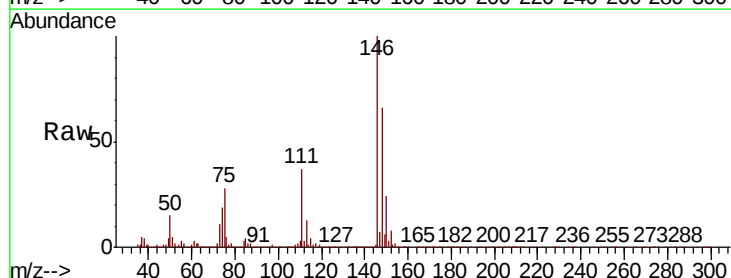
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	64.3	32.1	96.3





#89

n-Butylbenzene

Concen: 16.810 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

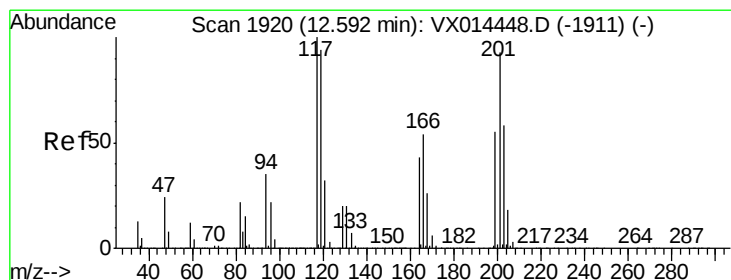
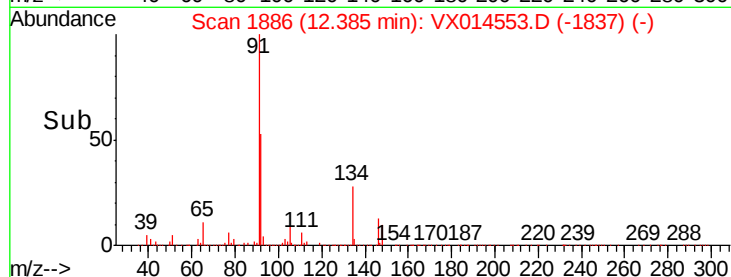
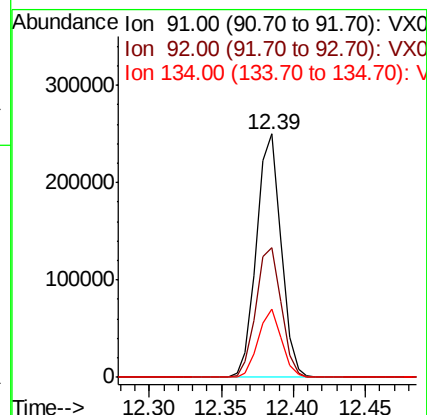
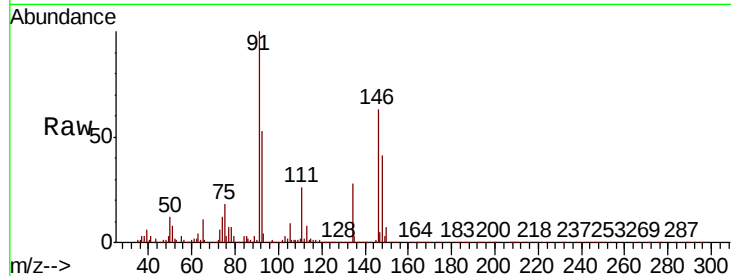
Tot Ion: 91 Resp: 292210

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 26.7 13.9 41.7



#90

Hexachloroethane

Concen: 17.979 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014553.D

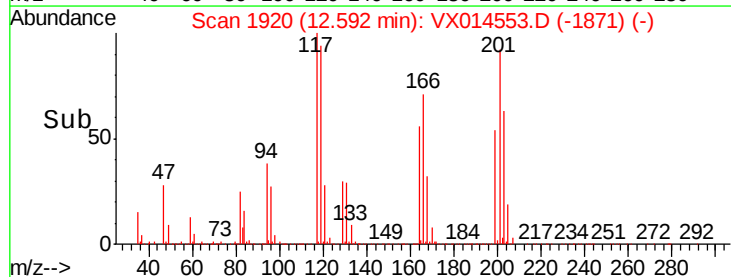
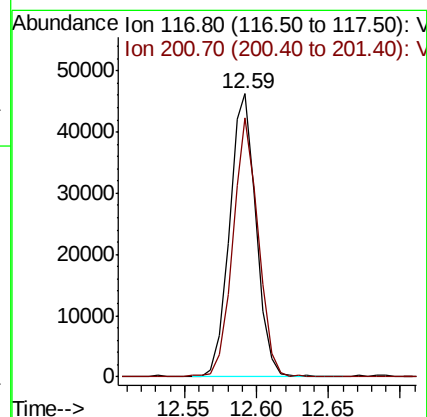
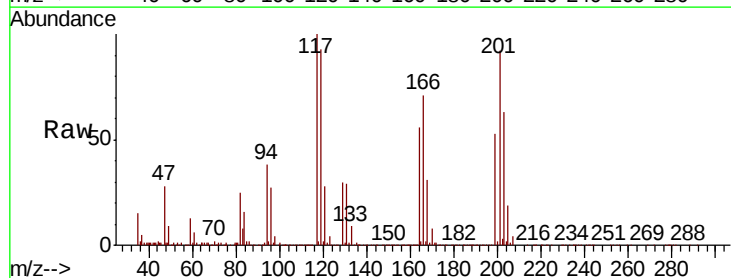
Acq: 10 Jan 2020 22:33

Tgt Ion: 117 Resp: 60040

Ion Ratio Lower Upper

117 100

201 87.1 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.076 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

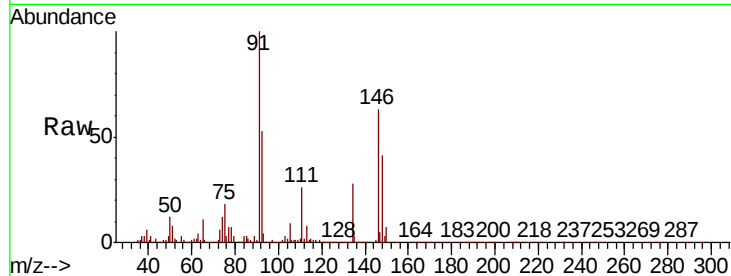
Tot Ion:146 Resp: 195416

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

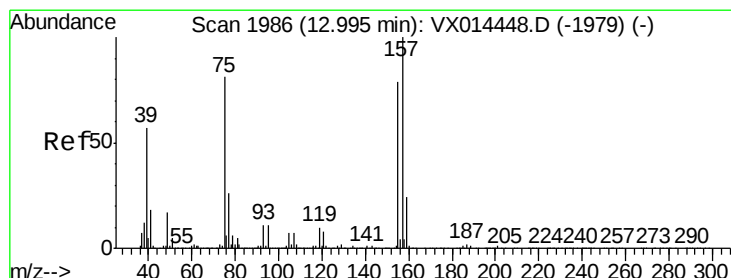
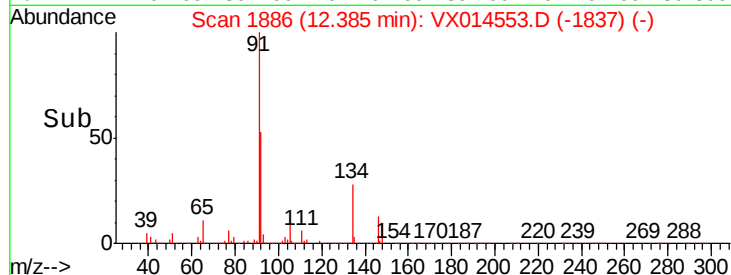
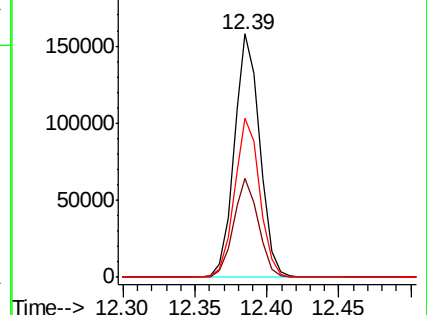
148 64.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.225 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

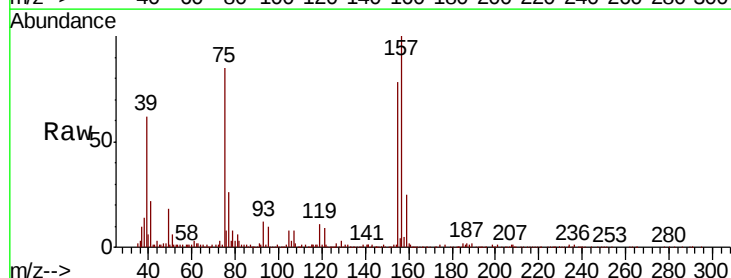
Tgt Ion: 75 Resp: 32166

Ion Ratio Lower Upper

75 100

155 94.2 48.7 146.1

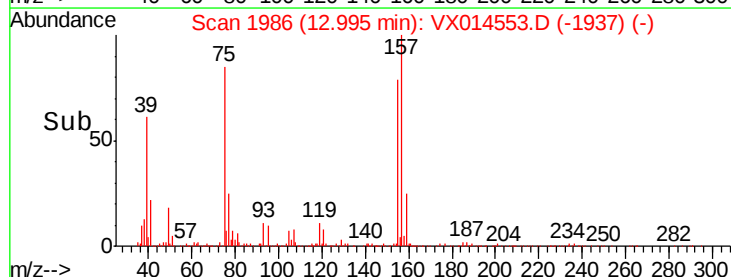
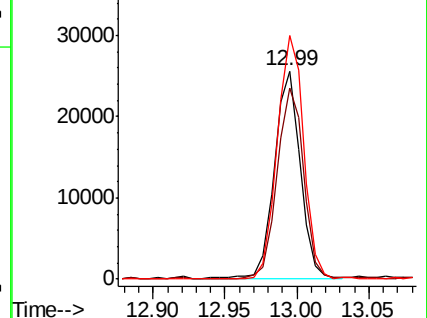
157 119.9 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.271 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

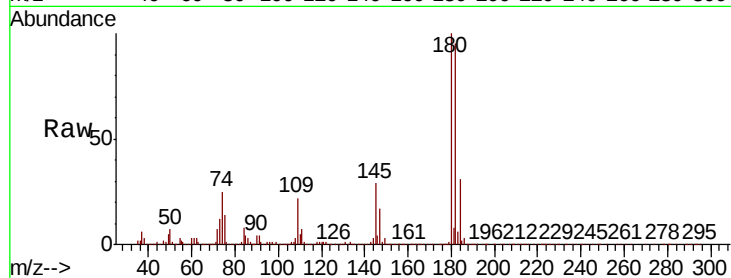
Tot Ion:180 Resp: 124705

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.5

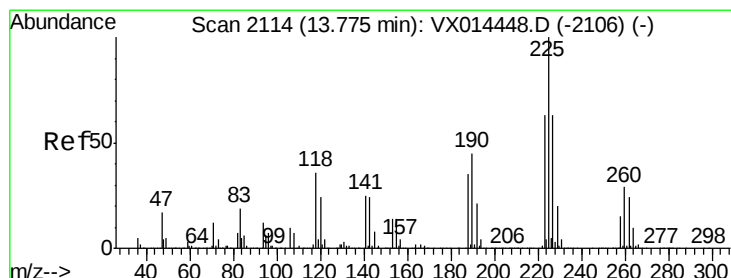
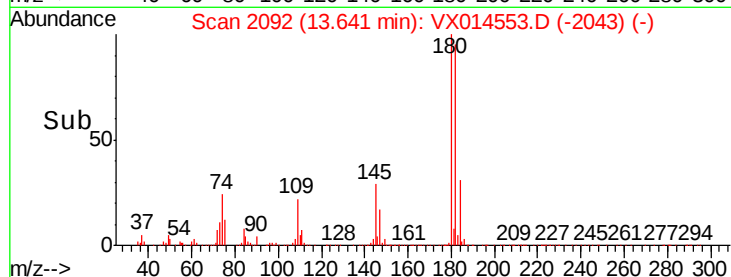
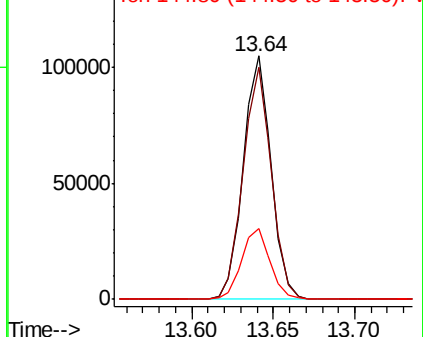
145 29.5 13.9 41.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.615 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

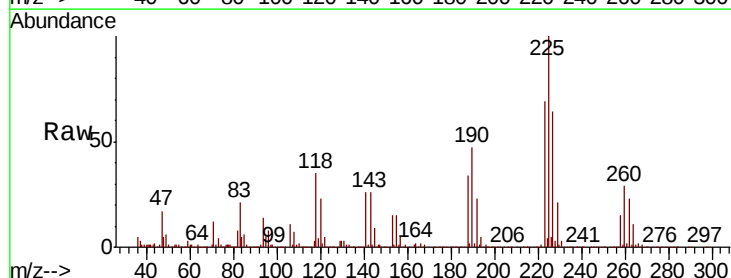
Tgt Ion:225 Resp: 59182

Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

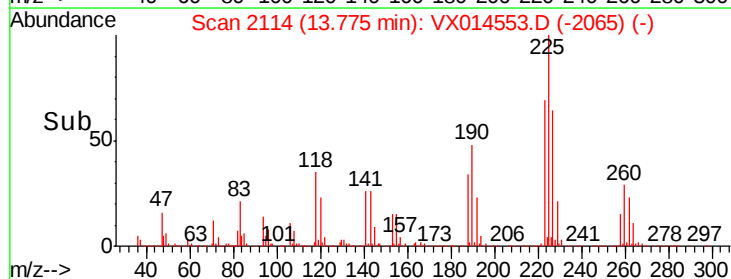
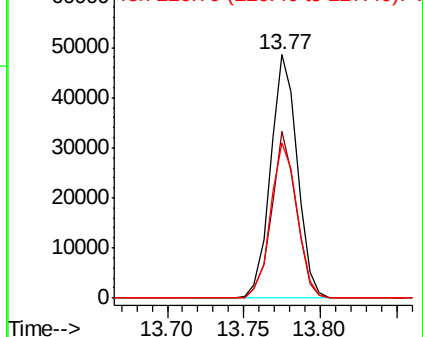
227 63.8 31.4 94.2

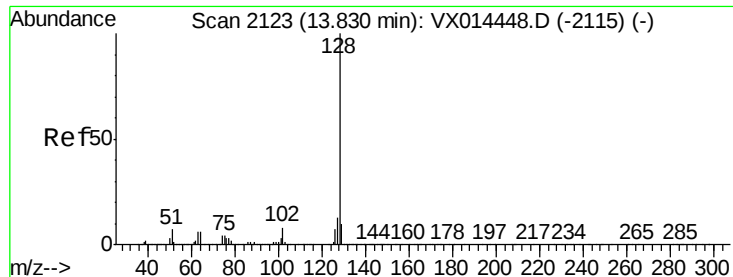


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

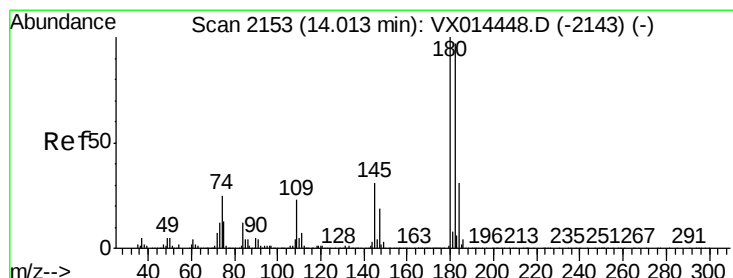
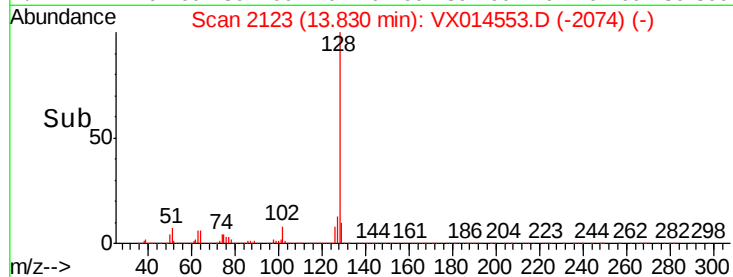
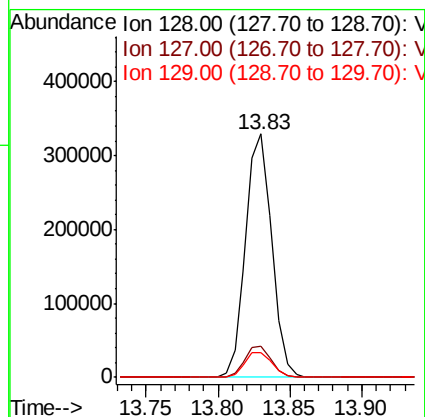
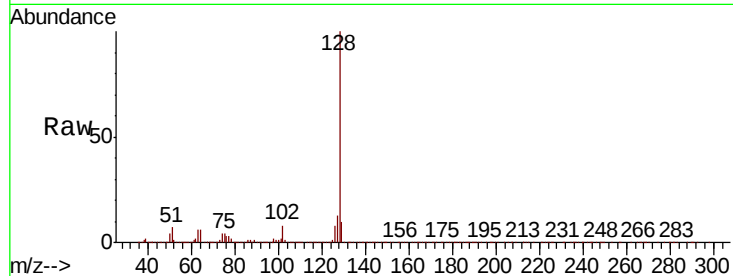




#95
Naphthalene
Concen: 18.547 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion:128 Resp: 413903
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.672 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion:180 Resp: 132948
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.3 14.8 44.3

