

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014142.D
 Acq On : 20 Dec 2019 00:46
 Operator : JC/SP
 Sample : VX1219WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 03:59:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	510817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	799610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	721266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	284812	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	235815	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	904979	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	315645	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	82557	18.065	ug/l	96
3) Chloromethane	1.32	50	117361	19.136	ug/l	99
4) Vinyl Chloride	1.40	62	123182	19.035	ug/l	99
5) Bromomethane	1.63	94	81571	17.760	ug/l	100
6) Chloroethane	1.72	64	84123	21.062	ug/l	95
7) Trichlorofluoromethane	1.92	101	157897	19.710	ug/l	99
8) Diethyl Ether	2.18	74	71420	18.996	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92585	19.173	ug/l	99
10) Methyl Iodide	2.50	142	115342	19.784	ug/l	98
11) Tert butyl alcohol	3.03	59	127234	101.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94881	19.309	ug/l	97
13) Acrolein	2.28	56	80467	112.370	ug/l	99
14) Allyl chloride	2.72	41	171602	19.559	ug/l	99
15) Acrylonitrile	3.13	53	309149	105.879	ug/l	99
16) Acetone	2.43	43	299250	79.618	ug/l	99
17) Carbon Disulfide	2.56	76	248625	18.703	ug/l	99
18) Methyl Acetate	2.76	43	157776	21.184	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	328086	20.319	ug/l	98
20) Methylene Chloride	2.85	84	112570	19.019	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	102010	18.844	ug/l	96
22) Diisopropyl ether	3.84	45	360030	20.593	ug/l	99
23) Vinyl Acetate	3.80	43	1388321	97.309	ug/l	99
24) 1,1-Dichloroethane	3.69	63	190829	19.619	ug/l	99
25) 2-Butanone	4.65	43	449691	97.044	ug/l	98
26) 2,2-Dichloropropane	4.58	77	121785	16.126	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	118468	19.350	ug/l	99
28) Bromochloromethane	5.00	49	79219	21.439	ug/l	99
29) Tetrahydrofuran	5.12	42	278313	107.380	ug/l	100
30) Chloroform	5.20	83	187731	20.359	ug/l	100
31) Cyclohexane	5.57	56	171490	19.823	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	152674	19.427	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138414	18.866	ug/l	99
37) Ethyl Acetate	4.82	43	166634	20.567	ug/l	98
38) Carbon Tetrachloride	5.78	117	127319	19.049	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163432	18.040	ug/l	97
40) Benzene	6.14	78	432669	19.166	ug/l	100
41) Methacrylonitrile	5.03	41	89573	19.926	ug/l	97
42) 1,2-Dichloroethane	6.18	62	150913	19.721	ug/l	100
43) Isopropyl Acetate	6.43	43	271100	20.219	ug/l	99
44) Trichloroethene	7.21	130	117047	18.772	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116923	20.208	ug/l	98
46) Dibromomethane	7.65	93	73401	19.187	ug/l	99
47) Bromodichloromethane	7.89	83	138498	19.223	ug/l	98
48) Methyl methacrylate	7.76	41	129278	19.690	ug/l	99
49) 1,4-Dioxane	7.73	88	55089	412.300	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	857280	101.806	ug/l	100
52) Toluene	8.78	92	269826	18.910	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	147414	18.660	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167379	19.018	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	111633	19.520	ug/l	99
56) Ethyl methacrylate	9.17	69	172621	19.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	191248	19.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	311327	91.578	ug/l	99
59) 2-Hexanone	9.48	43	655270	96.666	ug/l	100
60) Dibromochloromethane	9.58	129	108739	19.129	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116032	19.830	ug/l	100
64) Tetrachloroethene	9.33	164	140744	22.052	ug/l	97
65) Chlorobenzene	10.14	112	287029	18.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	104925	19.162	ug/l	100
67) Ethyl Benzene	10.25	91	504329	19.128	ug/l	100
68) m/p-Xylenes	10.35	106	382707	37.740	ug/l	100
69) o-Xylene	10.70	106	188599	18.963	ug/l	100
70) Styrene	10.71	104	313456	18.638	ug/l	99
71) Bromoform	10.85	173	83866	19.054	ug/l #	99
73) Isopropylbenzene	11.01	105	491629	19.932	ug/l	100
74) N-amyl acetate	10.89	43	225837	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166505	19.471	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	191468	25.175	ug/l	87
77) Bromobenzene	11.25	156	130389	19.213	ug/l	98
78) n-propylbenzene	11.35	91	545812	19.728	ug/l	99
79) 2-Chlorotoluene	11.42	91	331465	19.709	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405299	19.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47047	17.460	ug/l	93
82) 4-Chlorotoluene	11.51	91	375131	19.229	ug/l	99
83) tert-Butylbenzene	11.76	119	372162	18.422	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	410913	19.766	ug/l	99
85) sec-Butylbenzene	11.94	105	468942	19.663	ug/l	100
86) p-Isopropyltoluene	12.06	119	428153	19.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220157	18.510	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	221430	18.310	ug/l	99
89) n-Butylbenzene	12.38	91	344117	18.487	ug/l	98
90) Hexachloroethane	12.59	117	72839	18.589	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	229425	19.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35123	18.561	ug/l	99

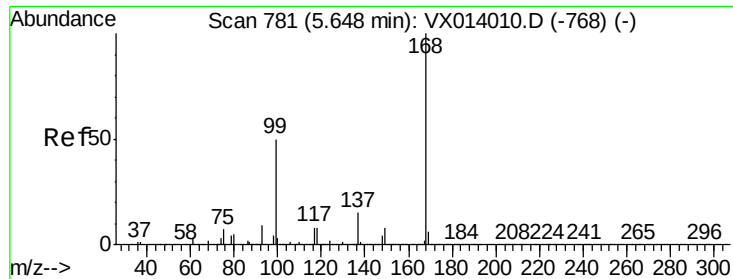
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144176	18.527	ug/l	98
94) Hexachlorobutadiene	13.77	225	69383	18.552	ug/l	99
95) Naphthalene	13.83	128	455574	19.926	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148679	19.354	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

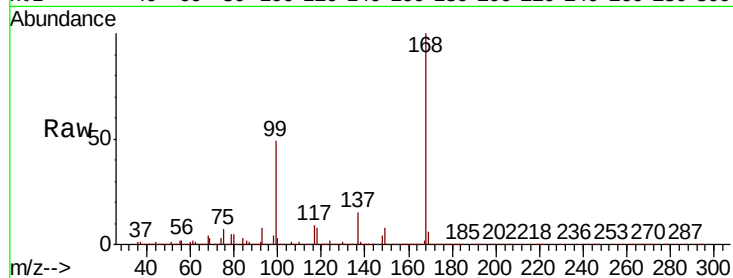
ClientSampleId :

Tot Ion:168 Resp: 510817

Ion Ratio Lower Upper

168 100

99 49.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

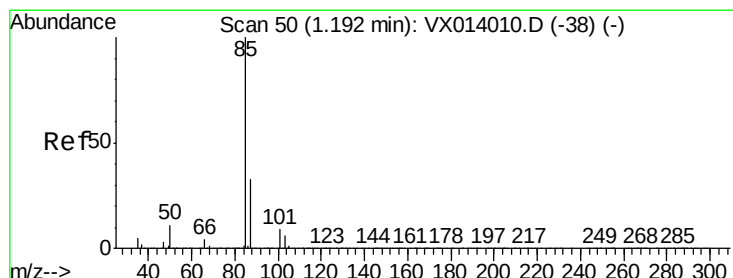
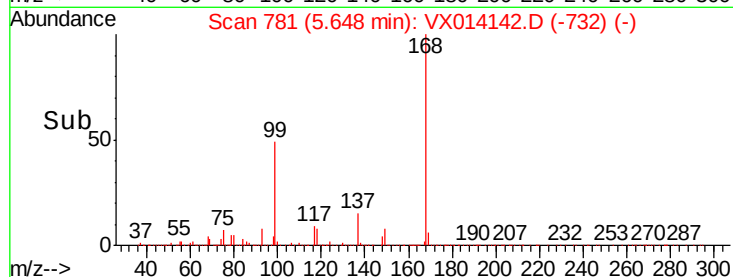
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.065 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014142.D

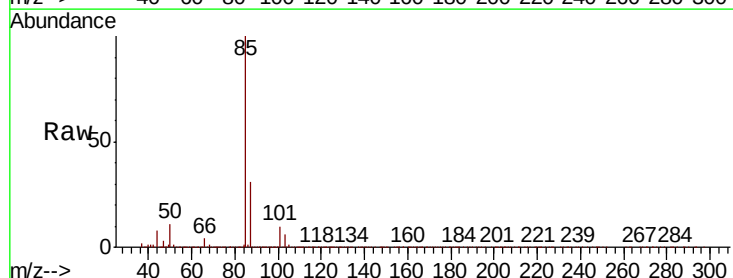
Acq: 20 Dec 2019 00:46

Tgt Ion: 85 Resp: 82557

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

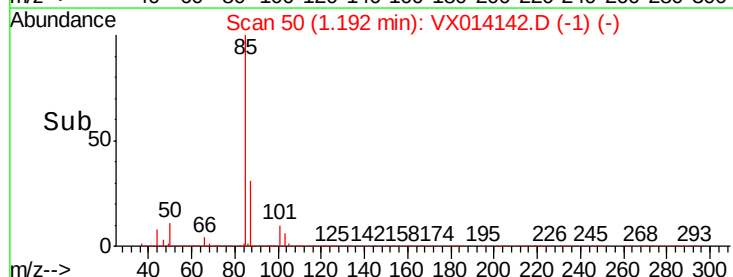
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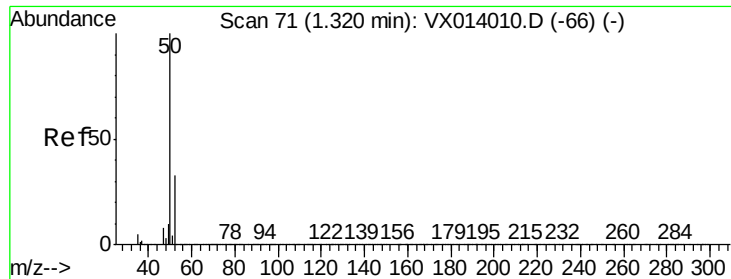
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Time-->

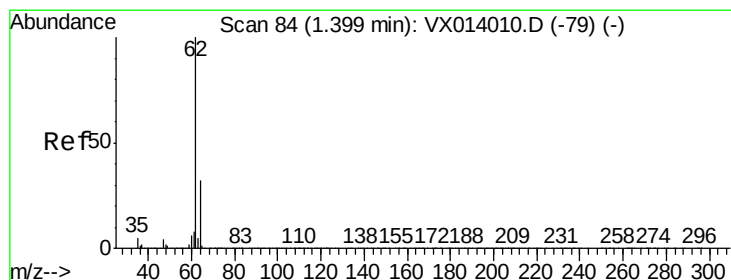
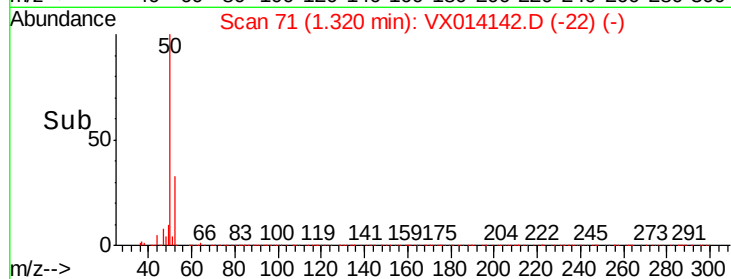
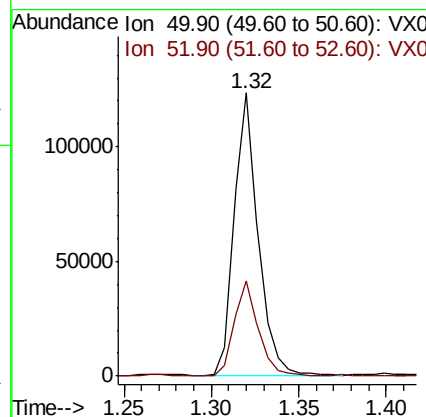
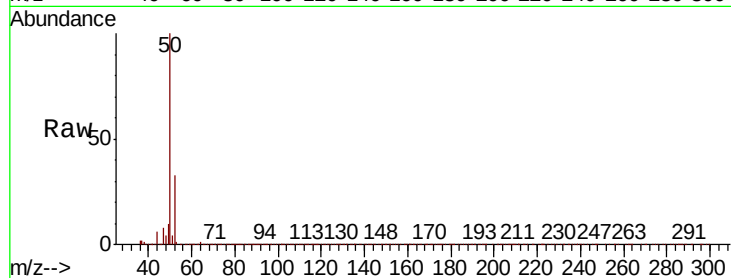




#3
Chloromethane
Concen: 19.136 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

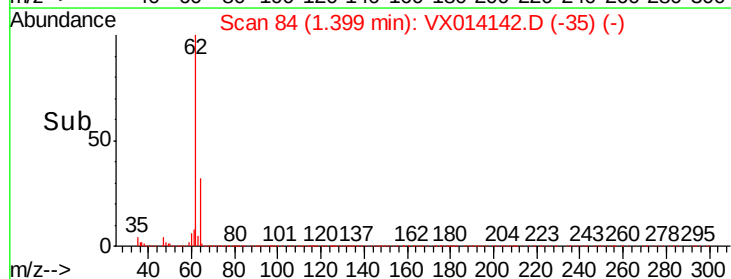
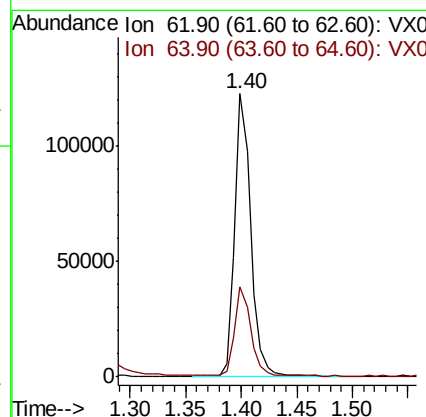
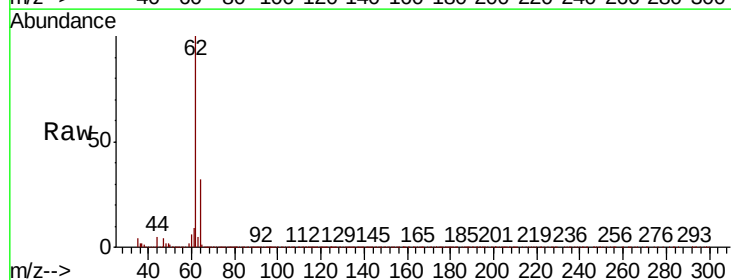
Instrument :
MSVOA_X
ClientSampleId :

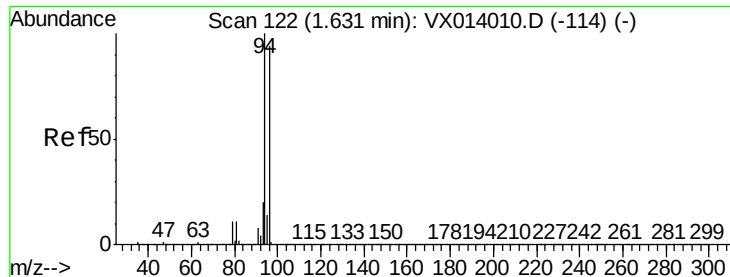
Tot Ion: 50 Resp: 117361
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.4



#4
Vinyl Chloride
Concen: 19.035 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion: 62 Resp: 123182
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5

Bromomethane

Concen: 17.760 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

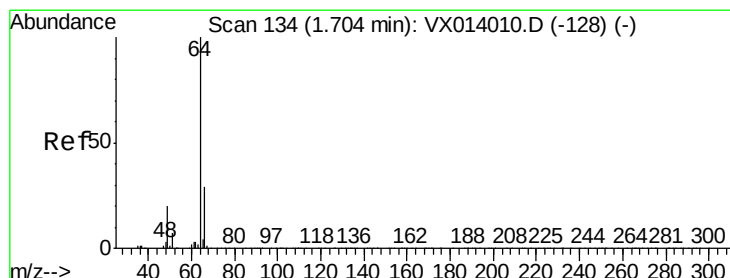
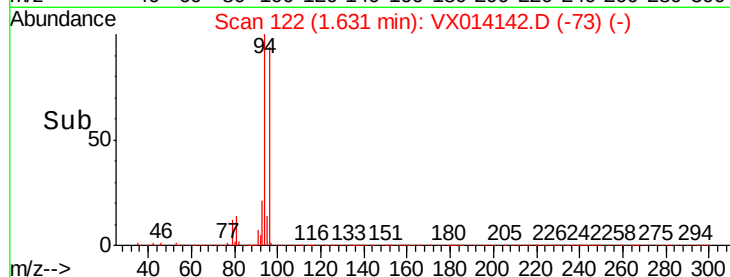
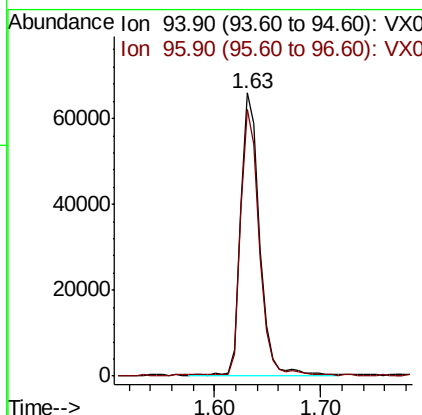
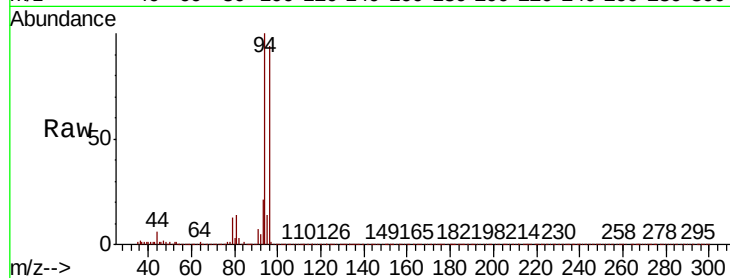
ClientSampleId :

Tot Ion: 94 Resp: 81571

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



#6

Chloroethane

Concen: 21.062 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014142.D

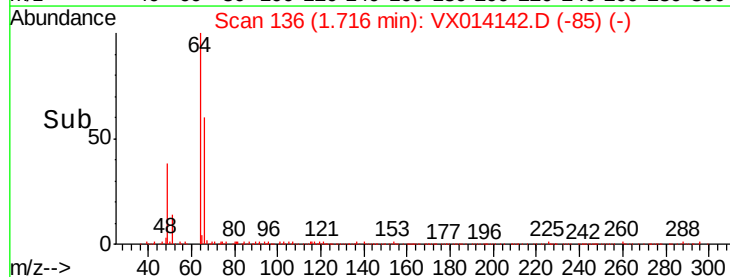
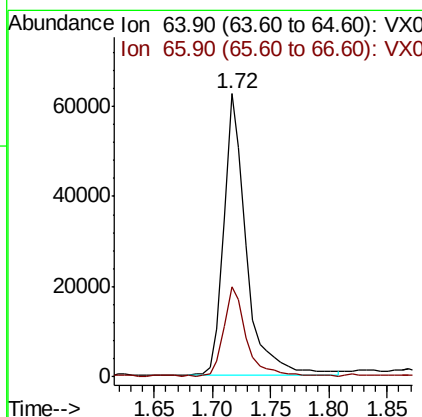
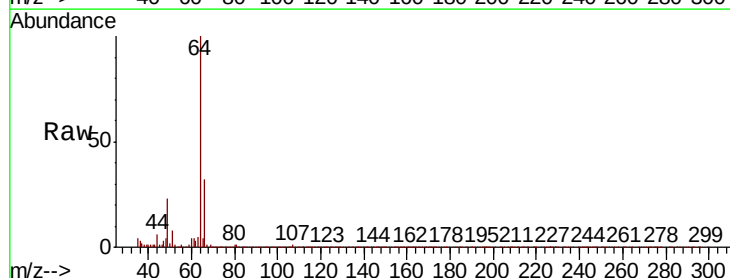
Acq: 20 Dec 2019 00:46

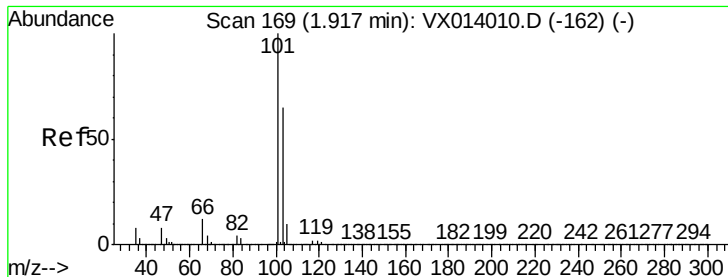
Tgt Ion: 64 Resp: 84123

Ion Ratio Lower Upper

64 100

66 31.8 23.4 35.2



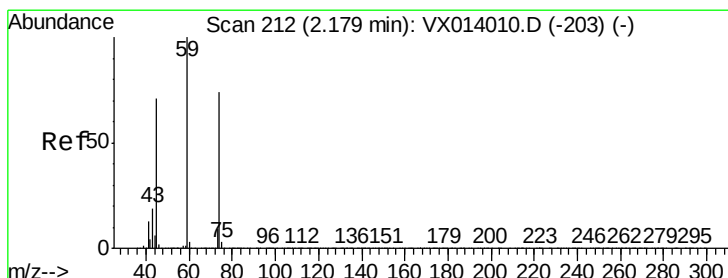
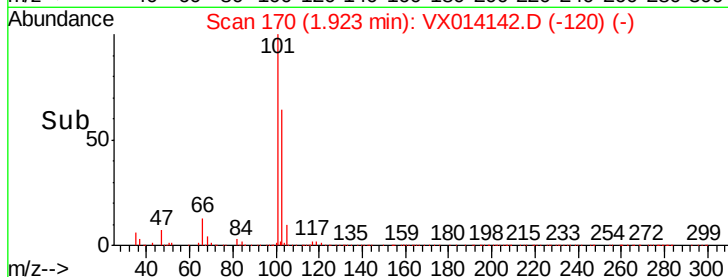
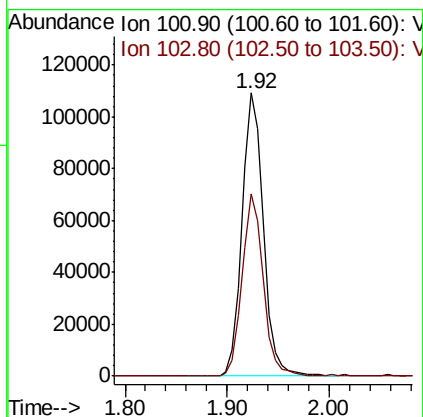
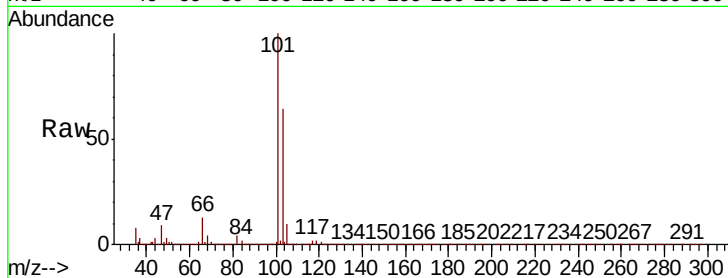


#7

Trichlorofluoromethane
 Concen: 19.710 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :

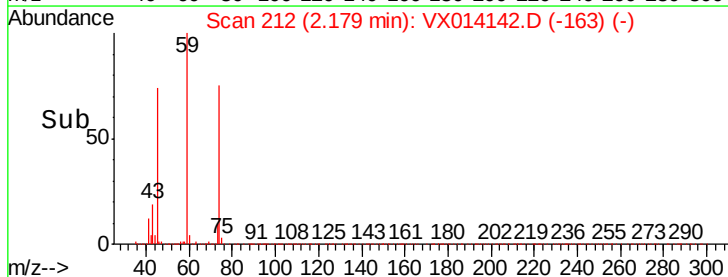
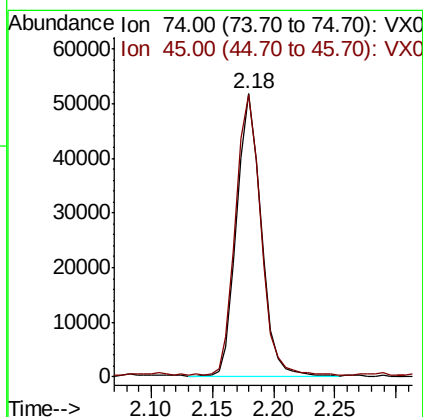
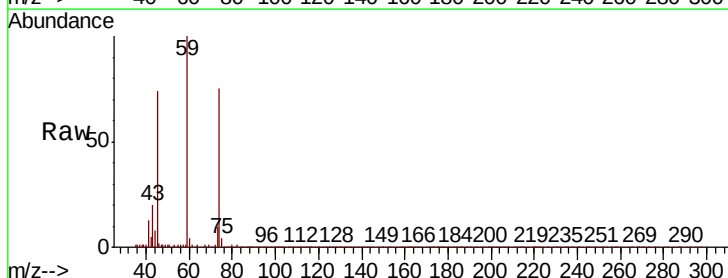
Tot Ion:101 Resp: 157897
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.4

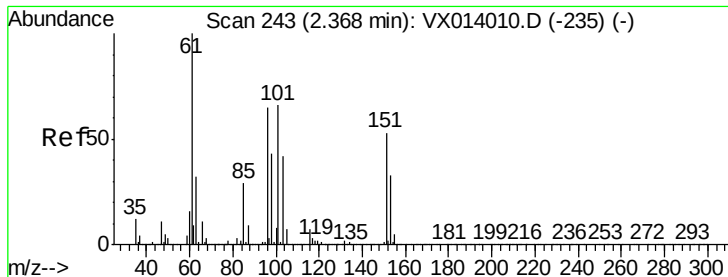


#8

Diethyl Ether
 Concen: 18.996 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 74 Resp: 71420
 Ion Ratio Lower Upper
 74 100
 45 102.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.173 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

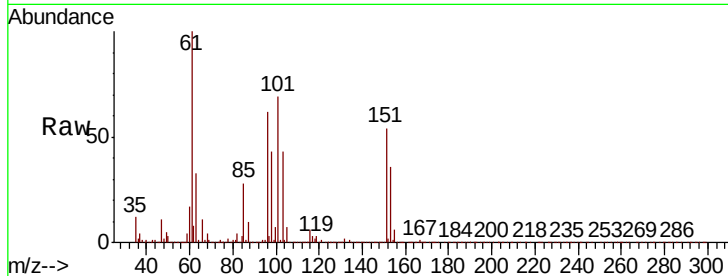
Tot Ion:101 Resp: 92585

Ion Ratio Lower Upper

101 100

85 41.5 33.7 50.5

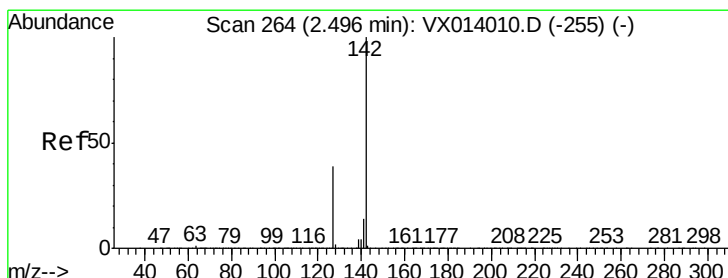
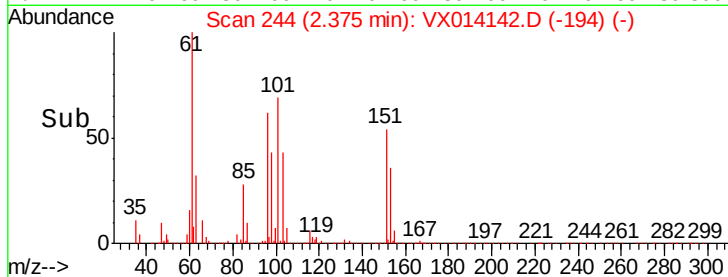
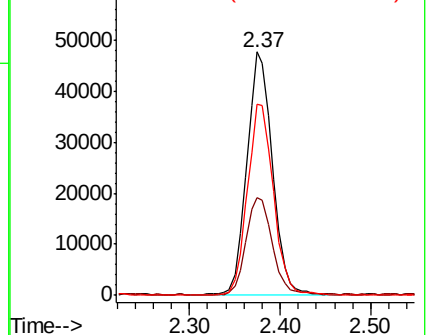
151 80.0 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.784 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

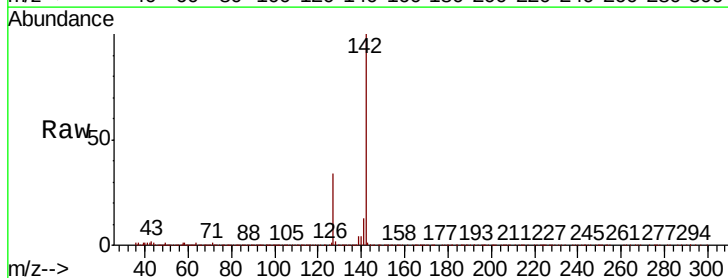
Tgt Ion:142 Resp: 115342

Ion Ratio Lower Upper

142 100

127 38.3 31.6 47.4

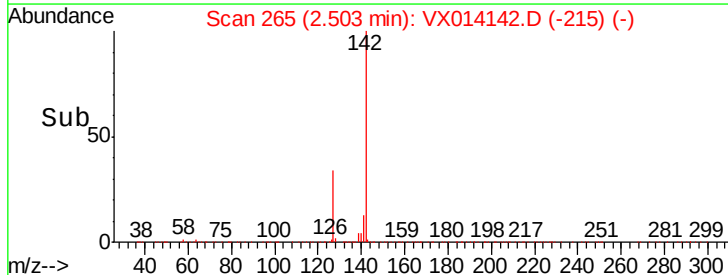
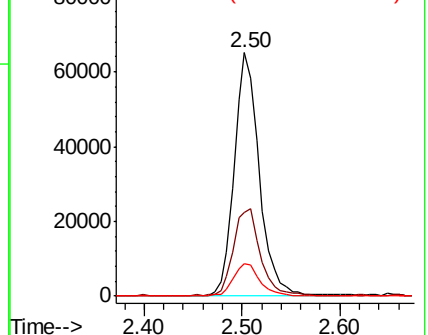
141 13.7 11.6 17.4

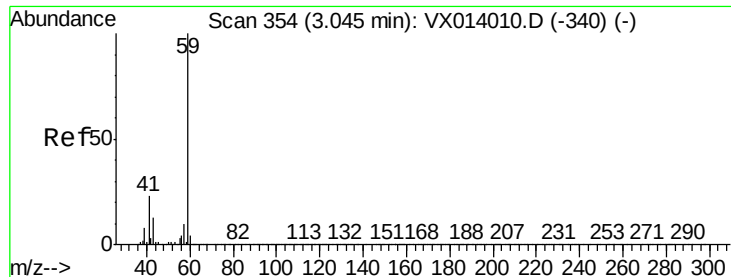


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



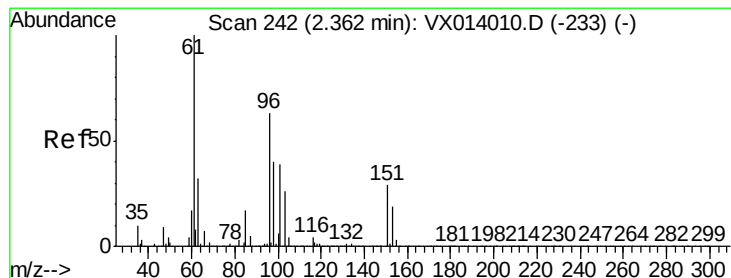
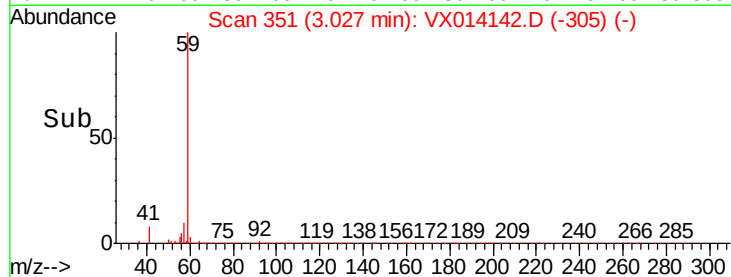
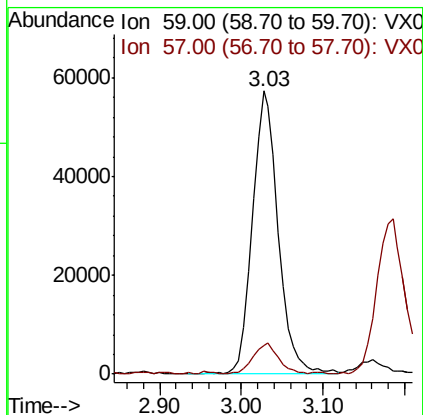
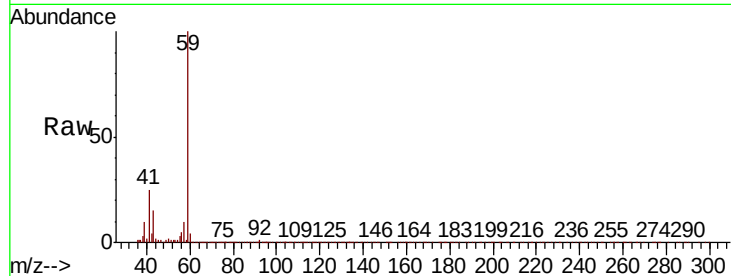


#11

Tert butyl alcohol
 Concen: 101.709 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :

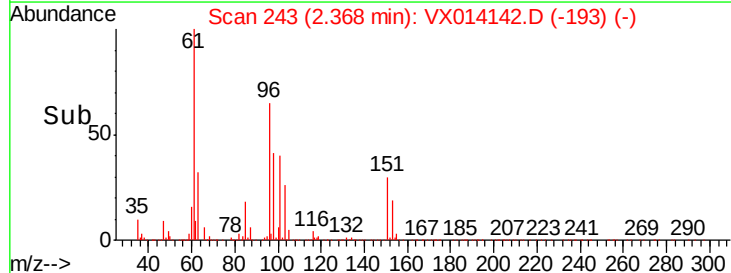
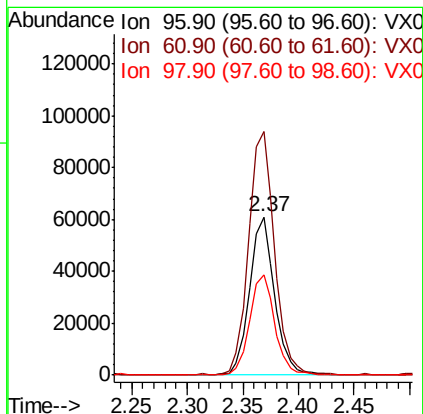
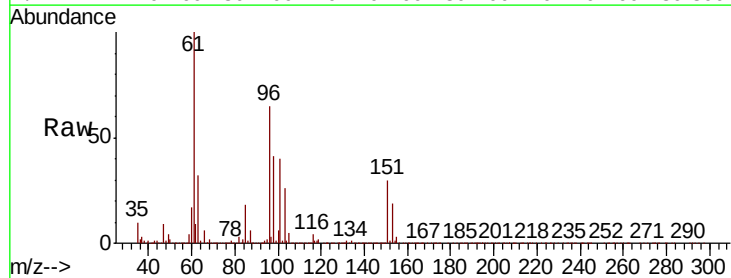
Tot Ion: 59 Resp: 127234
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

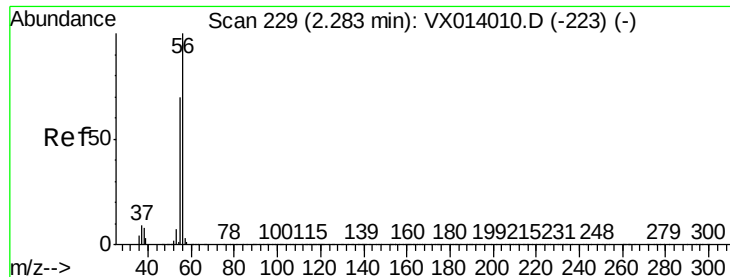


#12

1,1-Dichloroethene
 Concen: 19.309 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 96 Resp: 94881
 Ion Ratio Lower Upper
 96 100
 61 154.4 127.9 191.9
 98 63.6 50.5 75.7

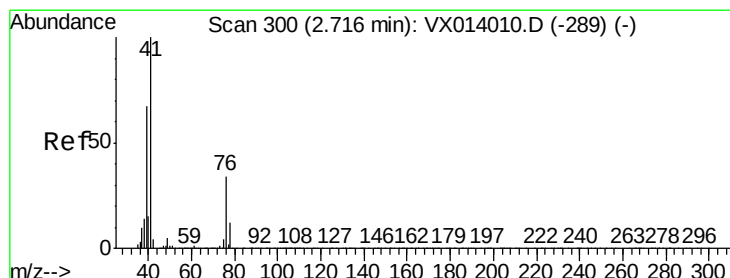
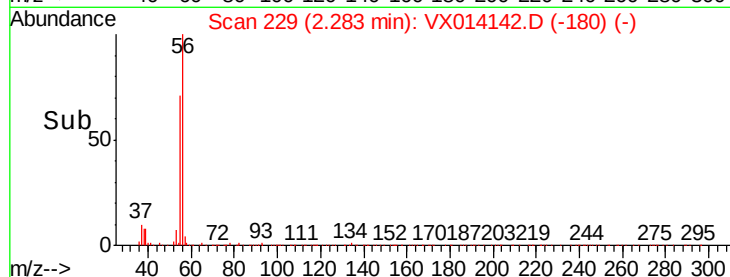
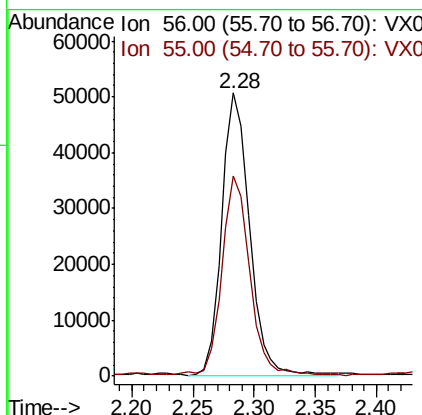
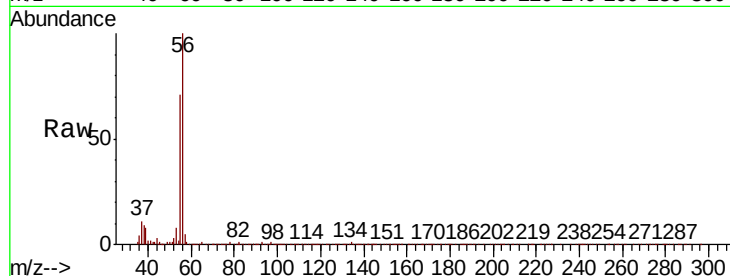




#13
Acrolein
Concen: 112.370 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

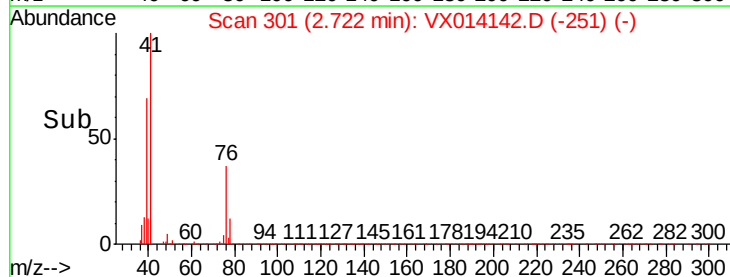
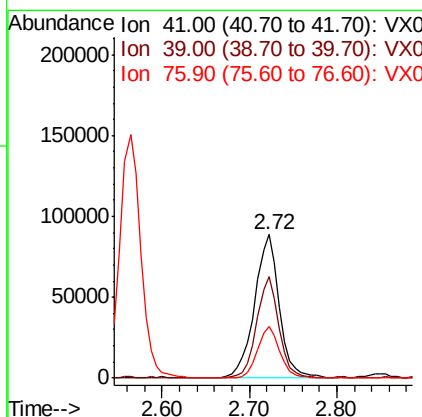
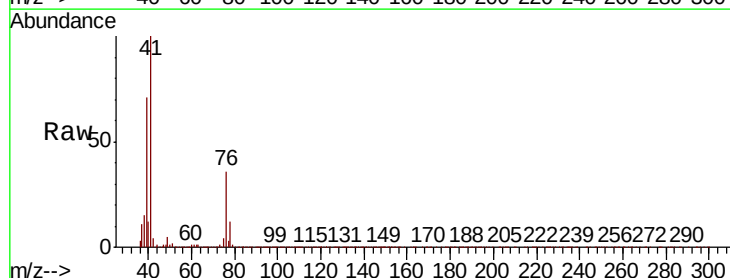
Instrument :
MSVOA_X
ClientSampleId :

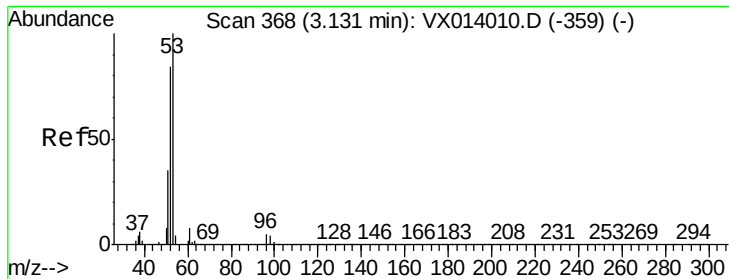
Tot Ion: 56 Resp: 80467
Ion Ratio Lower Upper
56 100
55 70.0 56.9 85.3



#14
Allyl chloride
Concen: 19.559 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion: 41 Resp: 171602
Ion Ratio Lower Upper
41 100
39 63.6 51.8 77.8
76 32.2 25.9 38.9

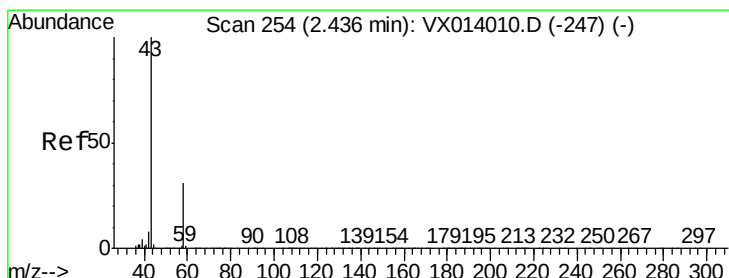
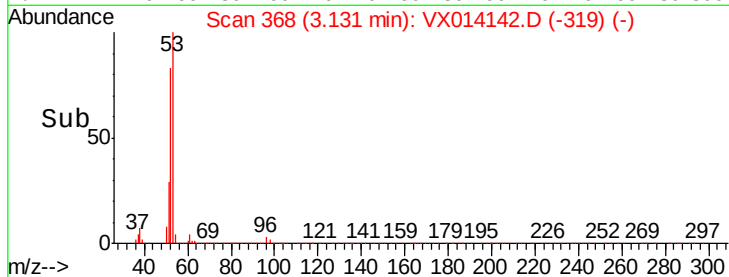
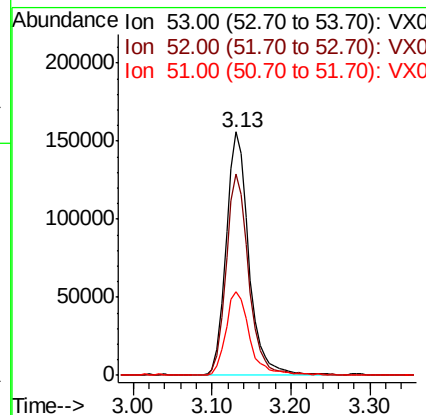
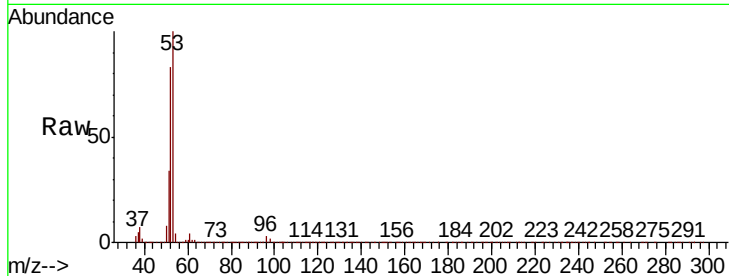




#15
 Acrylonitrile
 Concen: 105.879 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

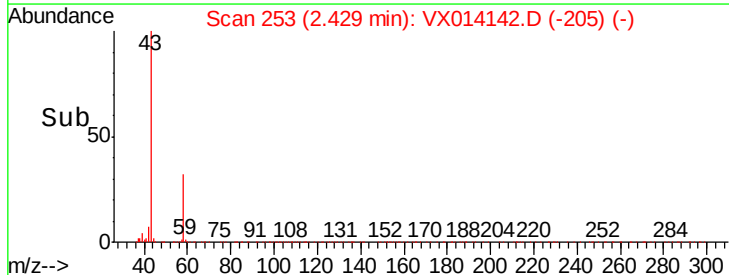
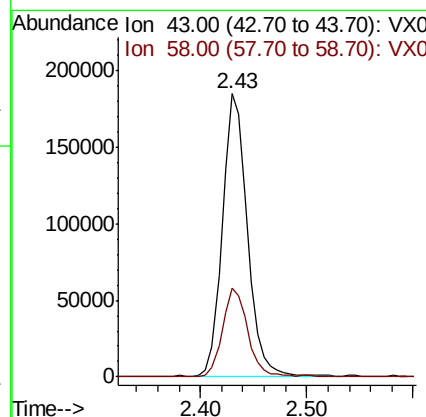
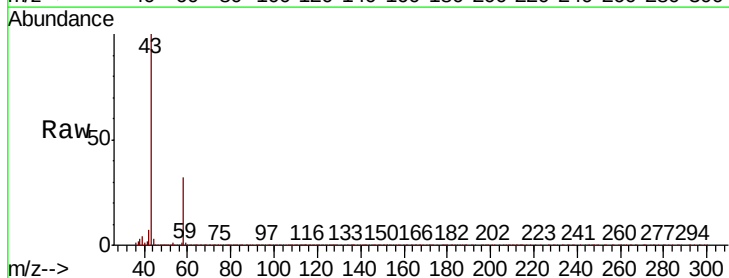
Instrument :
 MSVOA_X
 ClientSampleId :

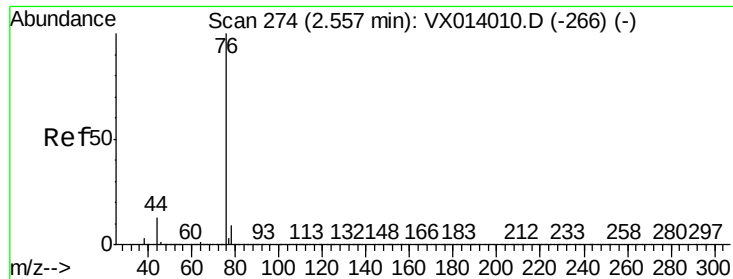
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.2	28.1	42.1



#16
 Acetone
 Concen: 79.618 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.9	37.3





#17

Carbon Disulfide

Concen: 18.703 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

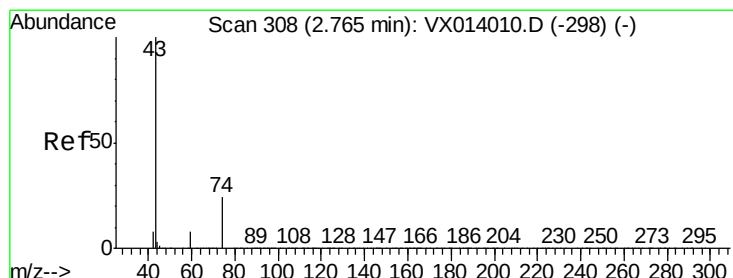
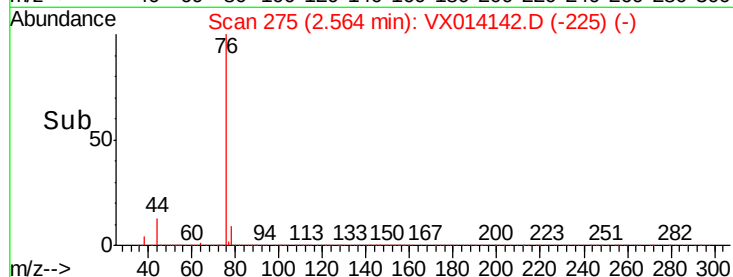
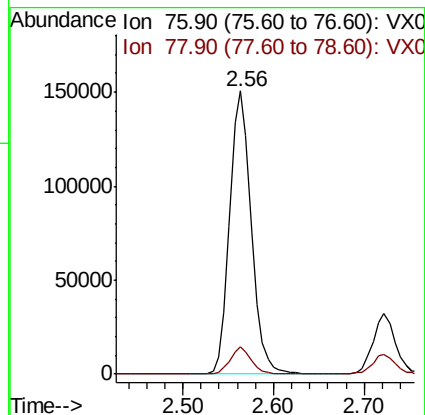
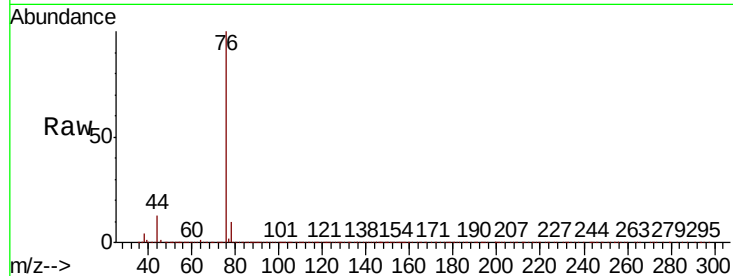
ClientSampleId :

Tot Ion: 76 Resp: 248625

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 21.184 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014142.D

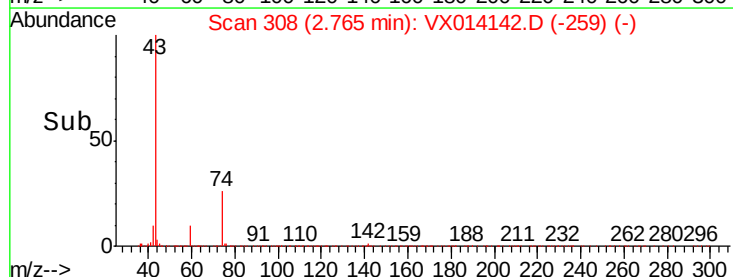
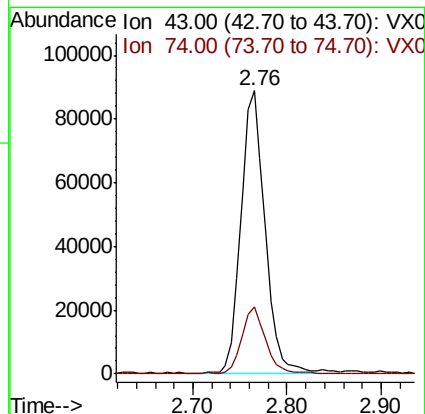
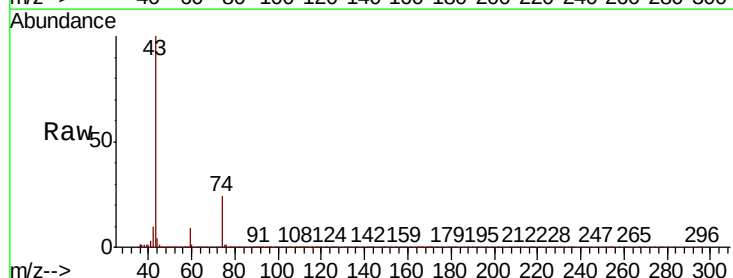
Acq: 20 Dec 2019 00:46

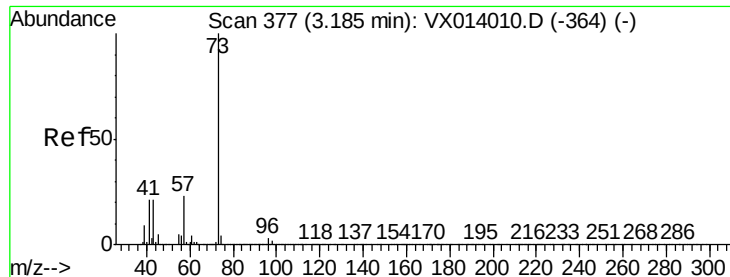
Tgt Ion: 43 Resp: 157776

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



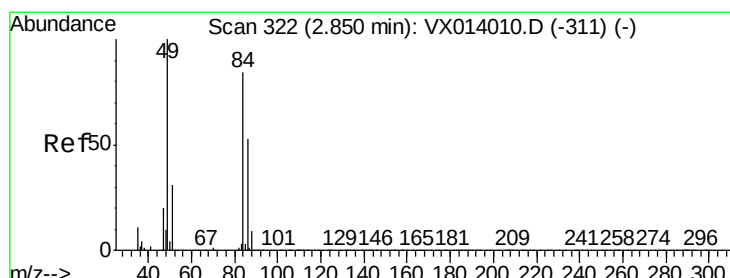
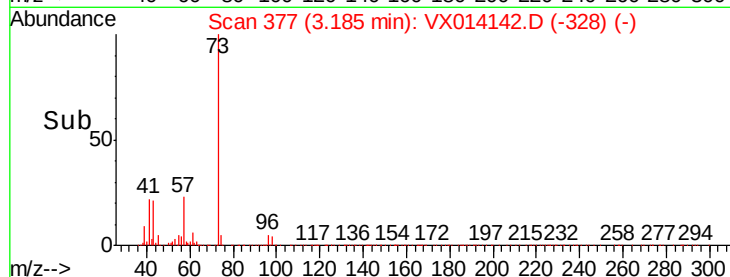
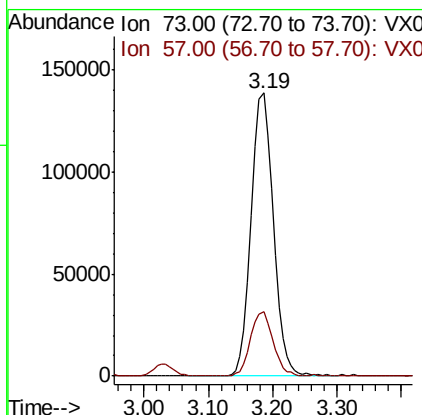
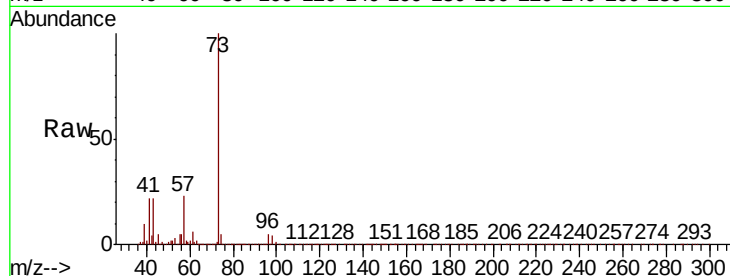


#19

Methyl tert-butyl Ether
 Concen: 20.319 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :

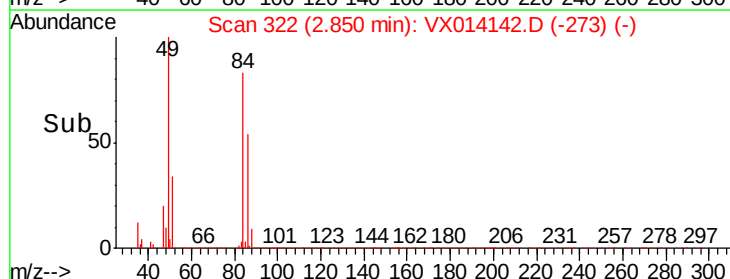
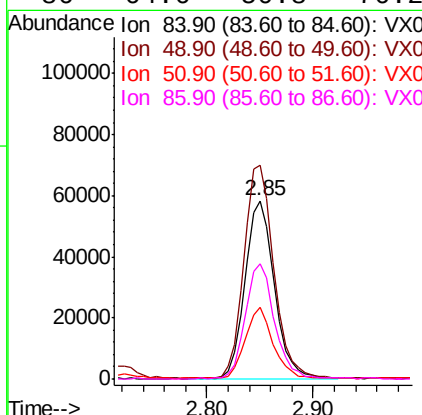
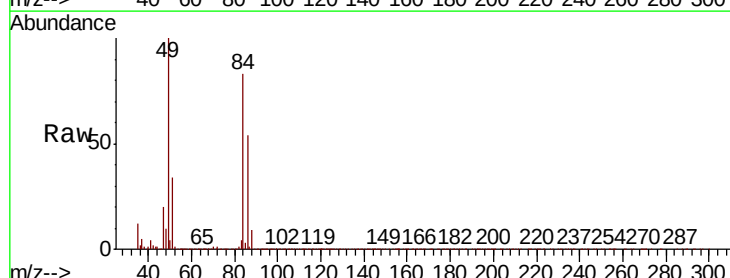
Tot Ion: 73 Resp: 328086
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.8 28.2

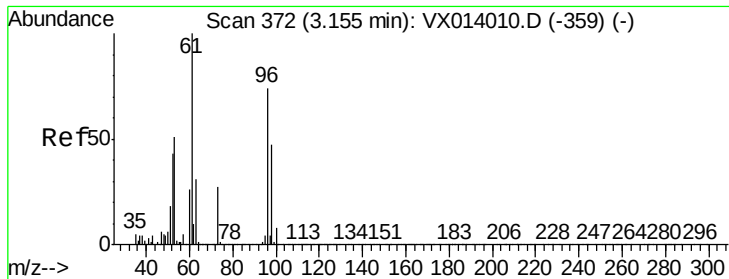


#20

Methylene Chloride
 Concen: 19.019 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 84 Resp: 112570
 Ion Ratio Lower Upper
 84 100
 49 119.7 95.8 143.6
 51 40.0 29.8 44.8
 86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :

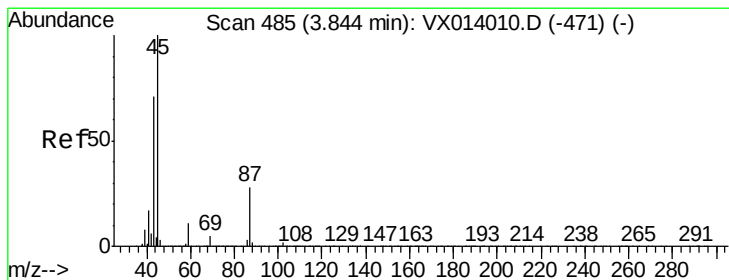
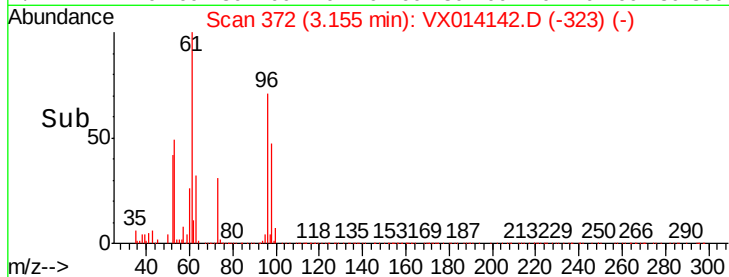
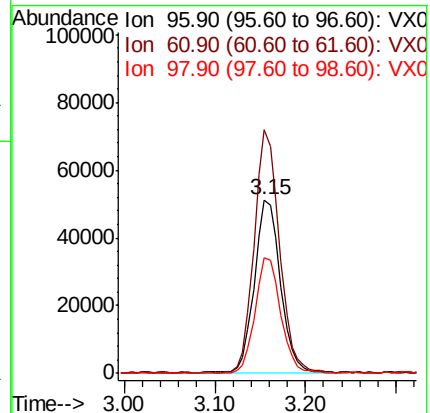
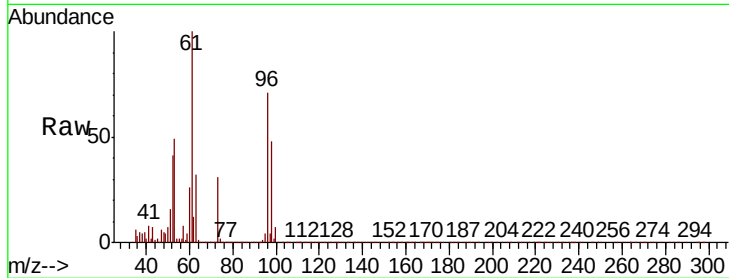
Tot Ion: 96 Resp: 102010

Ion Ratio Lower Upper

96 100

61 140.3 108.3 162.5

98 66.7 50.8 76.2



#22

Diisopropyl ether

Concen: 20.593 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion: 45 Resp: 360030

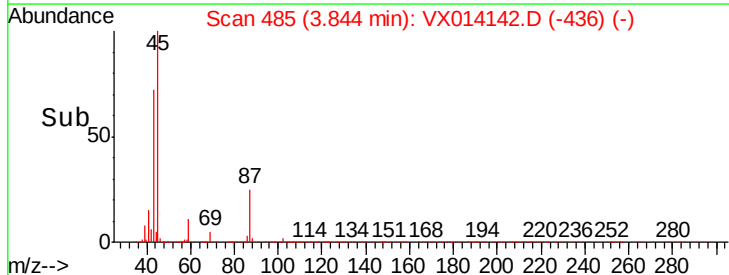
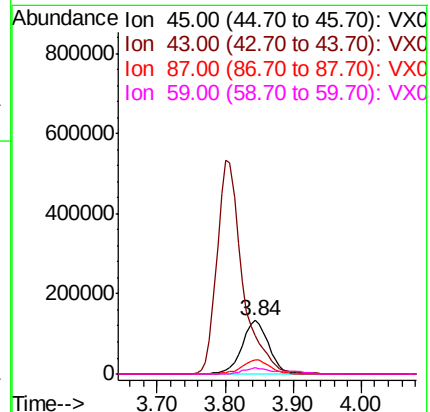
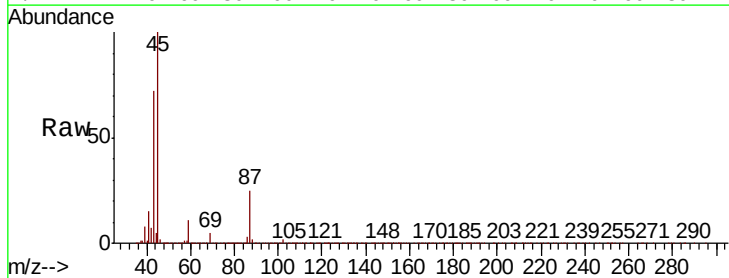
Ion Ratio Lower Upper

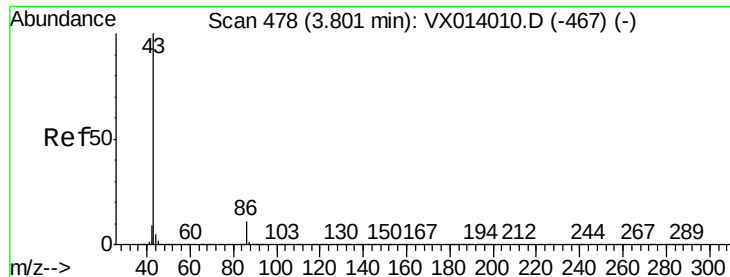
45 100

43 71.3 57.4 86.0

87 25.4 21.9 32.9

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 97.309 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

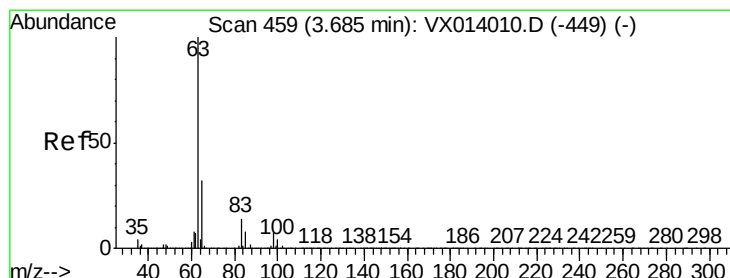
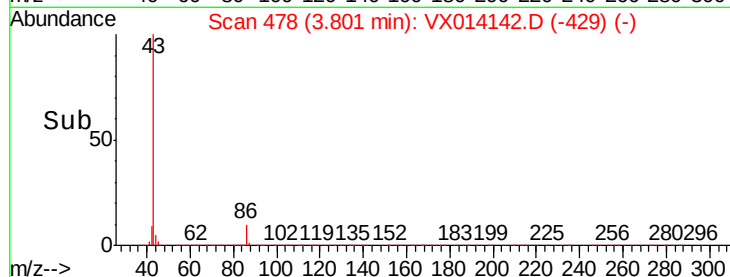
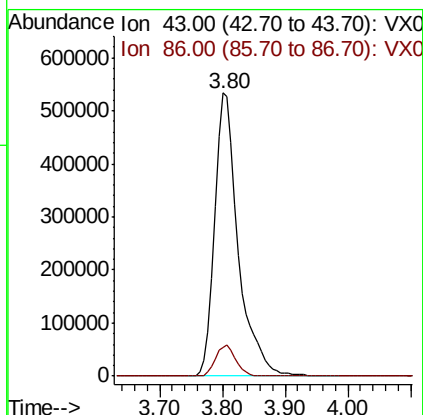
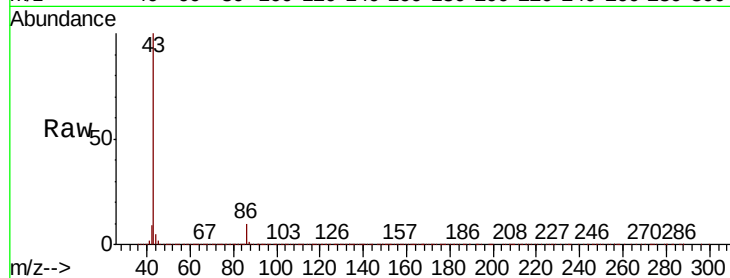
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1388321

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.619 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

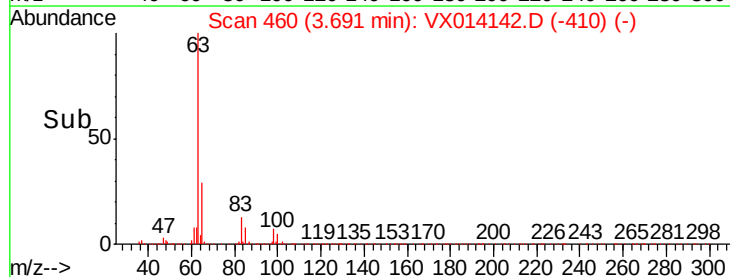
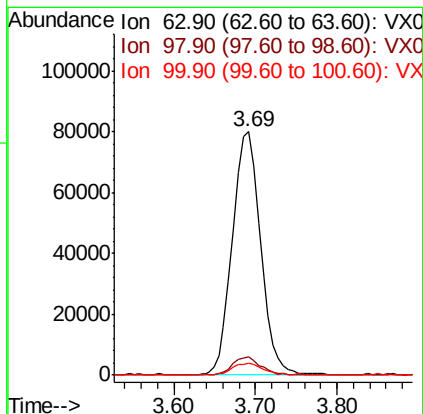
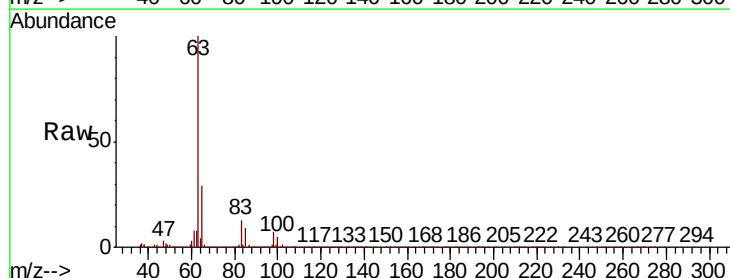
Tgt Ion: 63 Resp: 190829

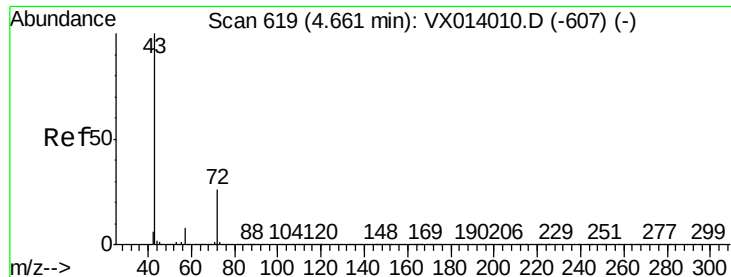
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 97.044 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

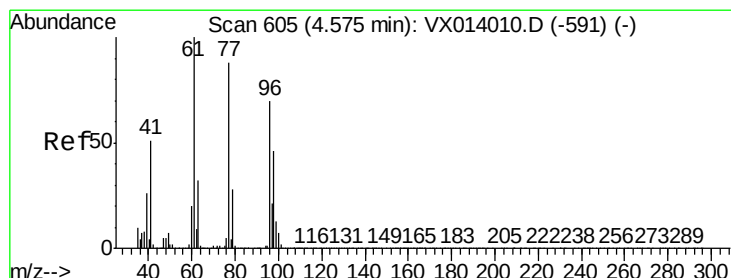
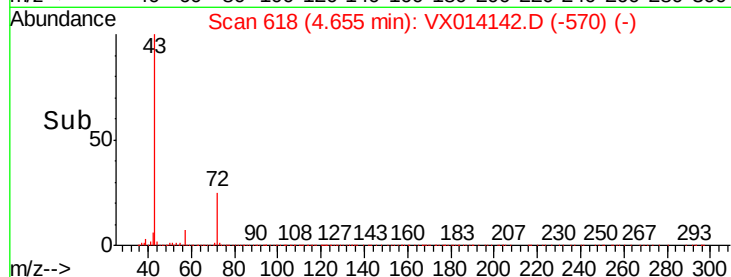
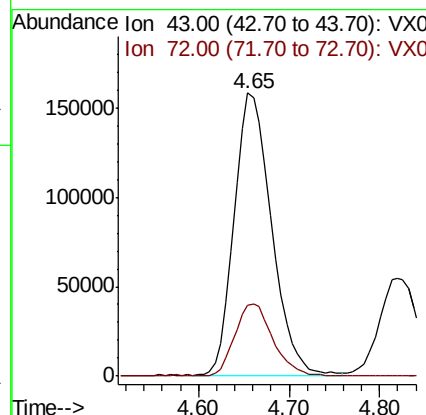
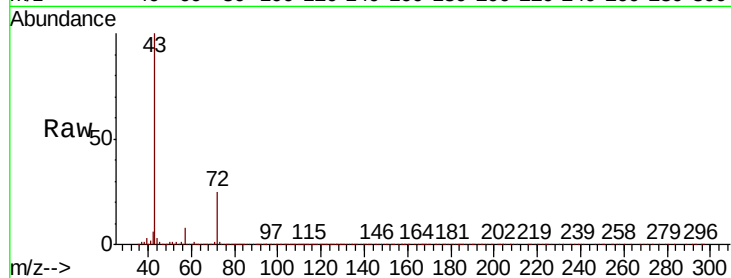
ClientSampleId :

Tot Ion: 43 Resp: 449691

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 16.126 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014142.D

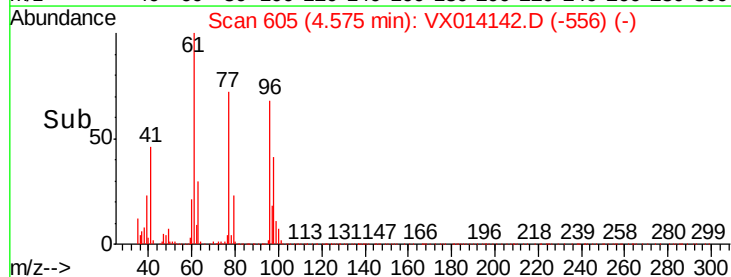
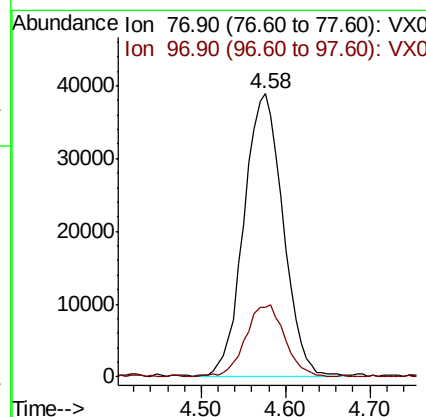
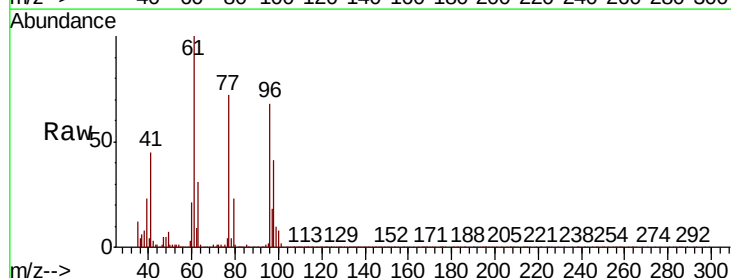
Acq: 20 Dec 2019 00:46

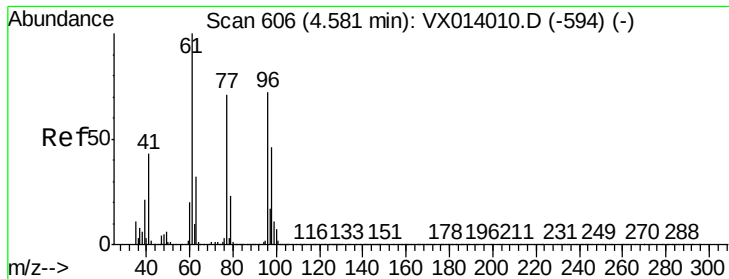
Tgt Ion: 77 Resp: 121785

Ion Ratio Lower Upper

77 100

97 26.0 11.9 35.9



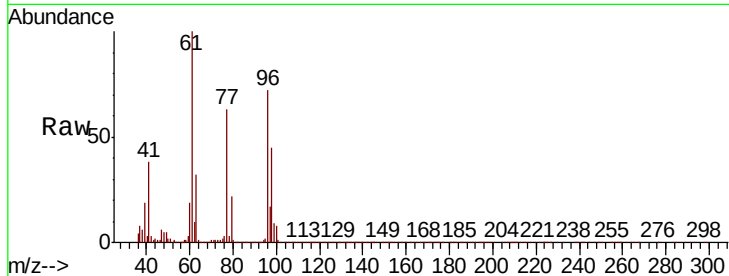


#27

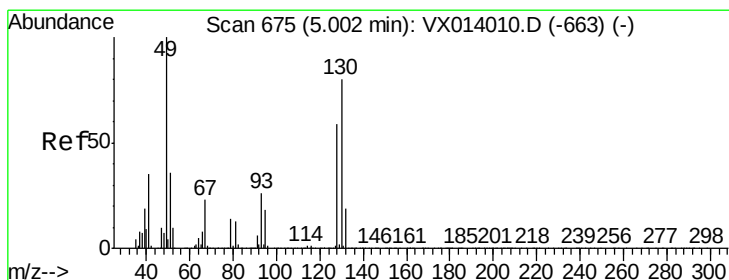
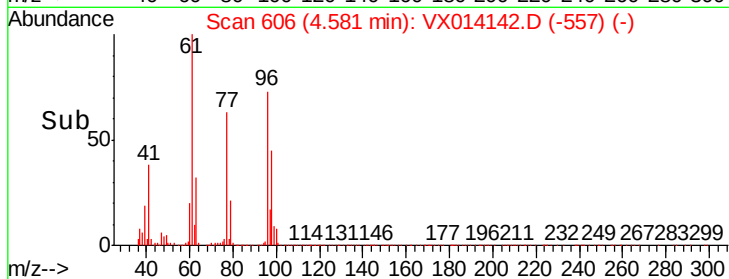
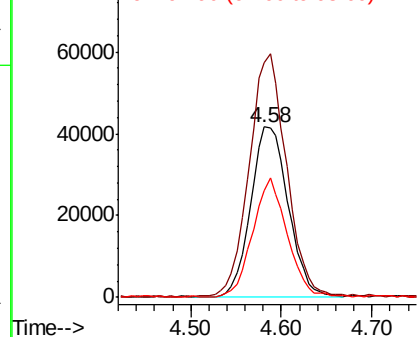
cis-1,2-Dichloroethene
Concen: 19.350 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	288.4
98	64.4	0.0	129.6



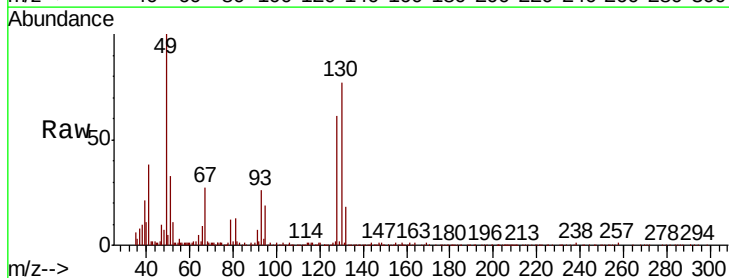
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



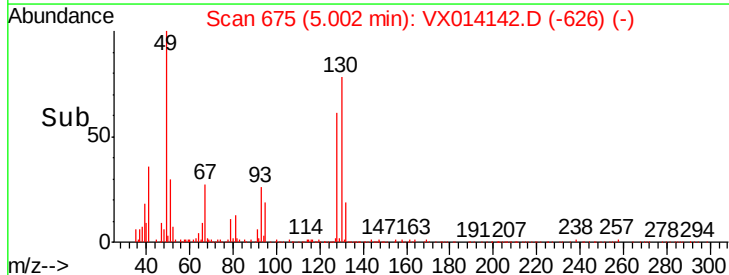
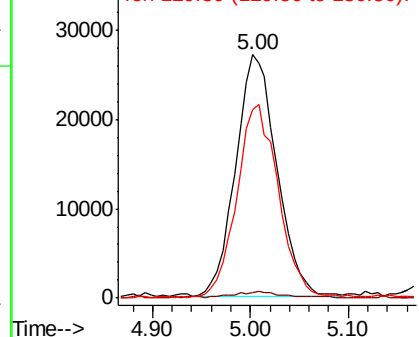
#28

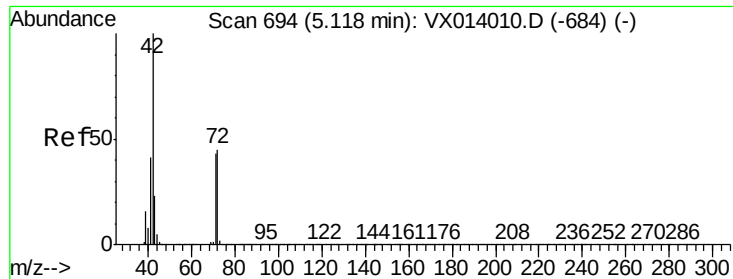
Bromochloromethane
Concen: 21.439 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.3	64.6	97.0



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

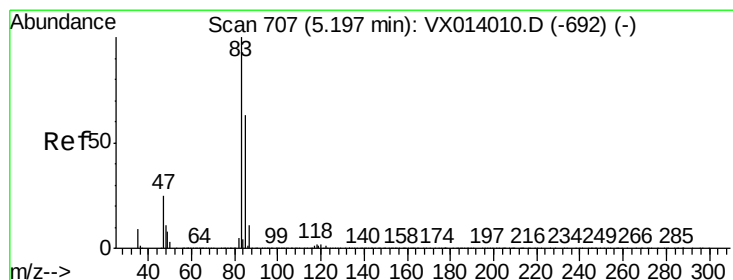
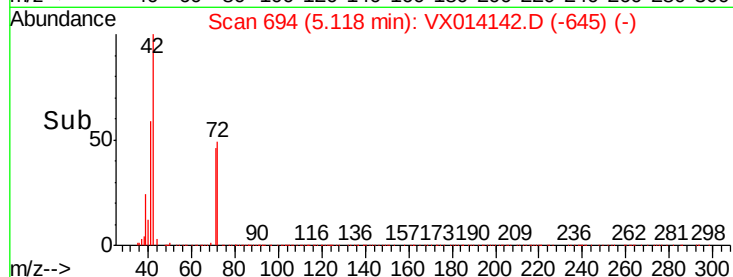
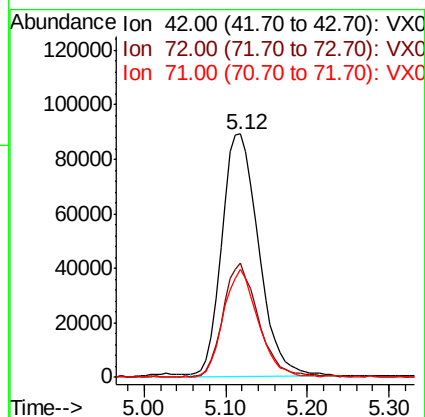
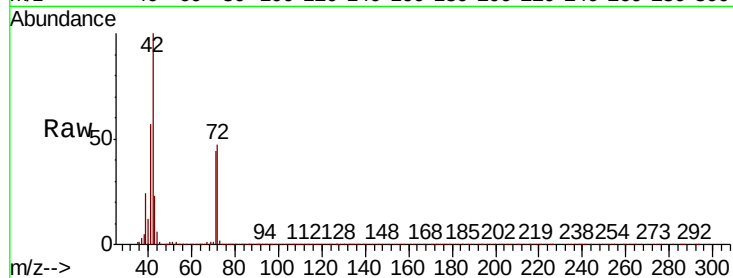




#29
Tetrahydrofuran
Concen: 107.380 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

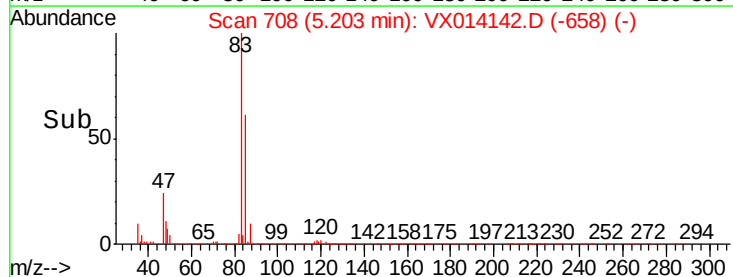
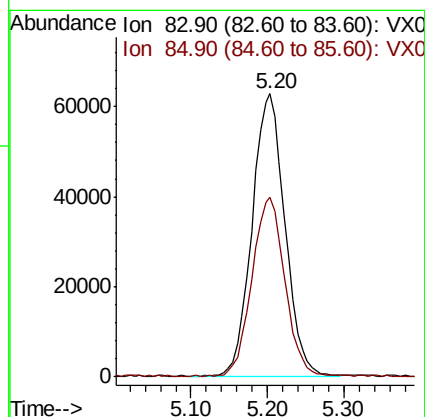
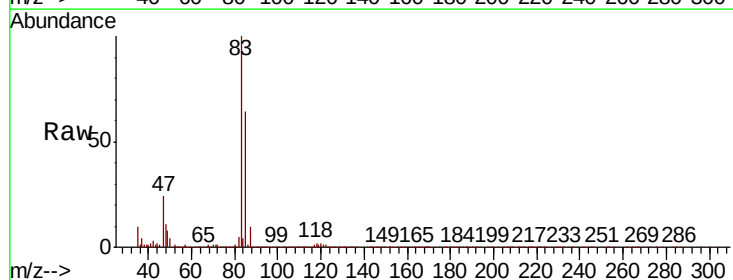
Instrument :
MSVOA_X
ClientSampled :

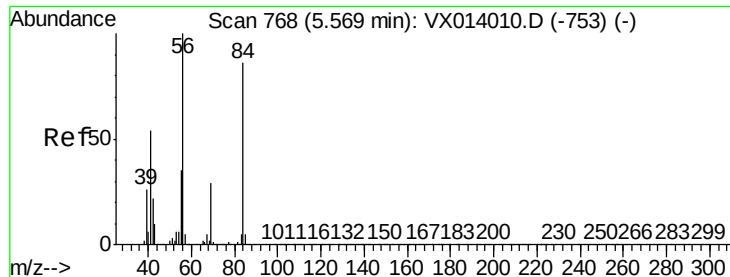
Tot Ion: 42 Resp: 278313
Ion Ratio Lower Upper
42 100
72 44.6 35.8 53.8
71 41.9 33.6 50.4



#30
Chloroform
Concen: 20.359 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion: 83 Resp: 187731
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2

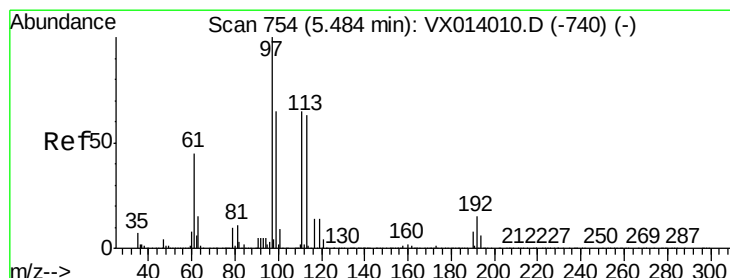
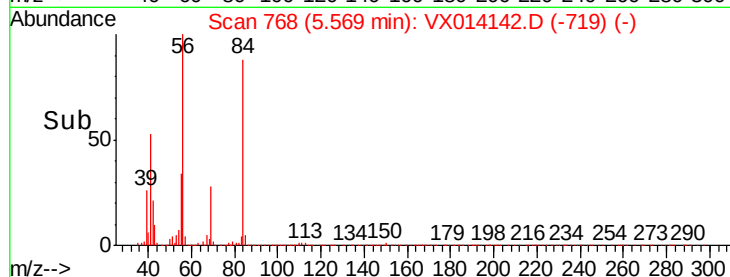
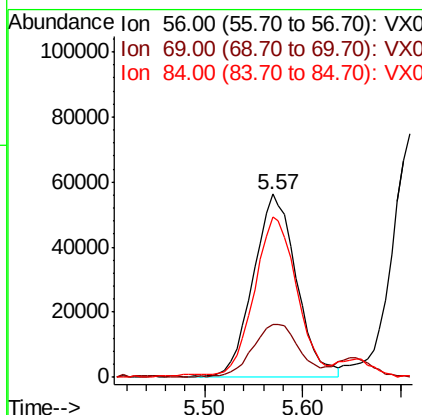
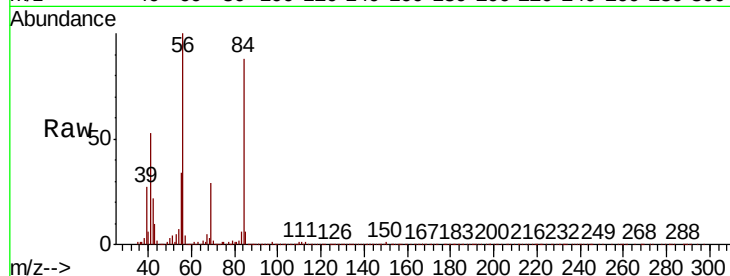




#31
Cyclohexane
Concen: 19.823 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

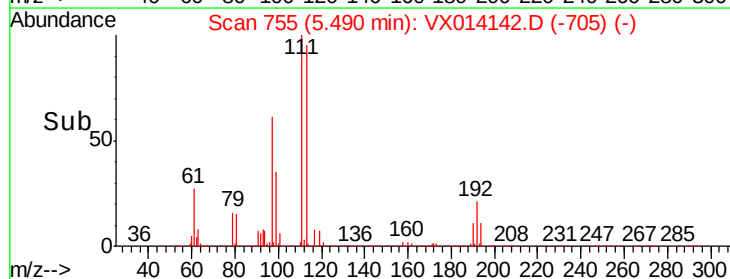
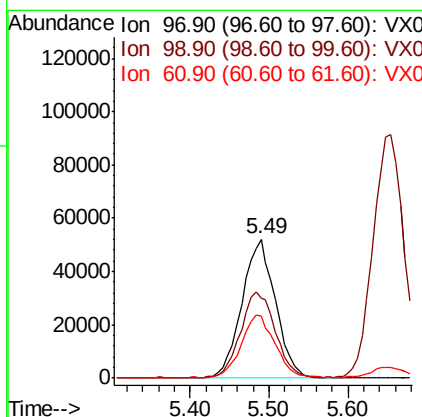
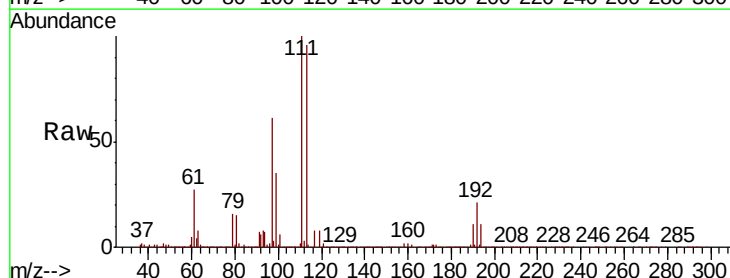
Instrument :
MSVOA_X
ClientSampleId :

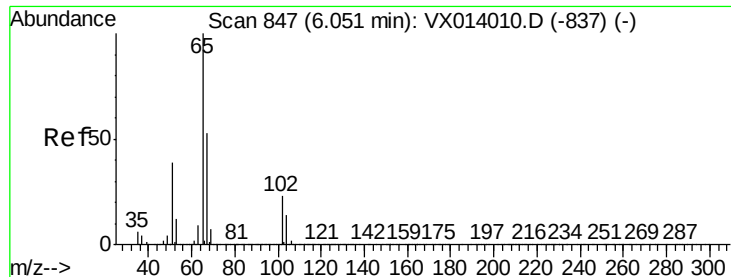
Tot Ion: 56 Resp: 171490
Ion Ratio Lower Upper
56 100
69 28.3 23.2 34.8
84 86.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.427 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion: 97 Resp: 152674
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 45.0 36.7 55.1

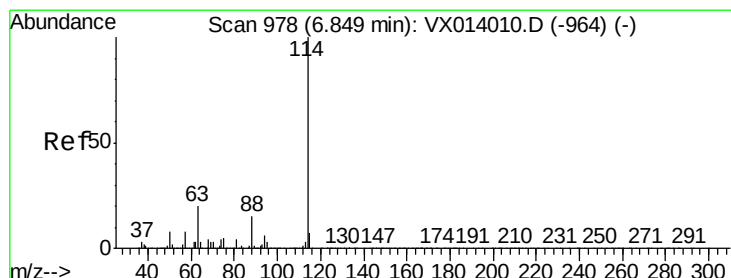
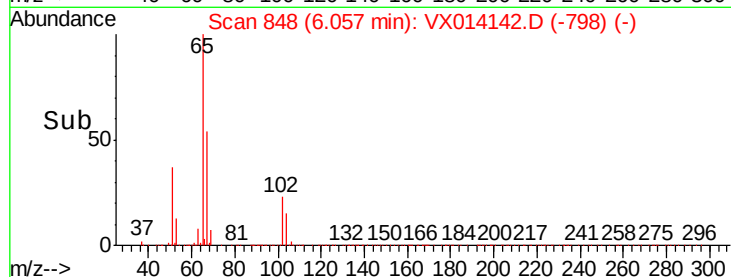
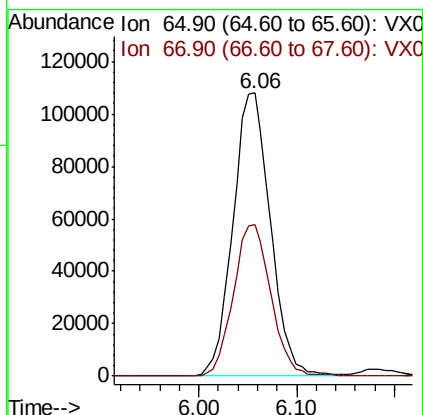
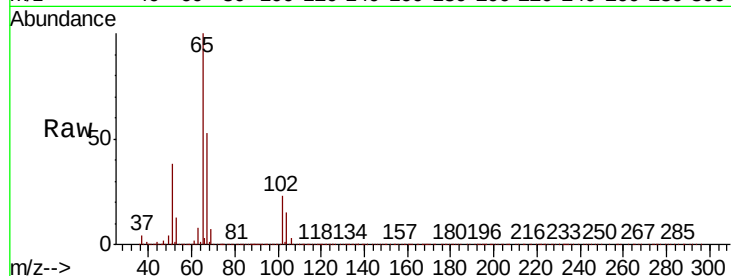




#33
 1,2-Dichloroethane-d4
 Concen: 49.195 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

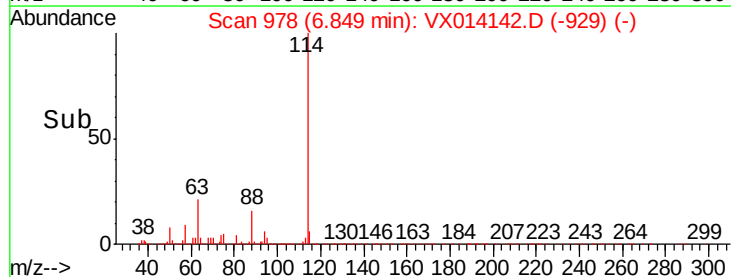
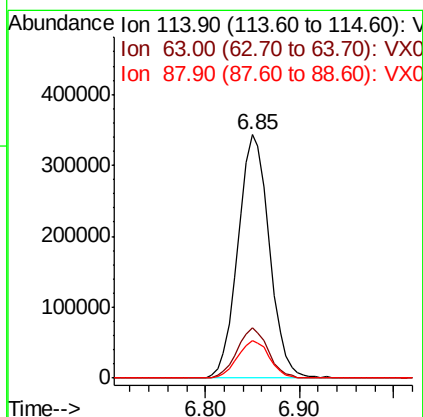
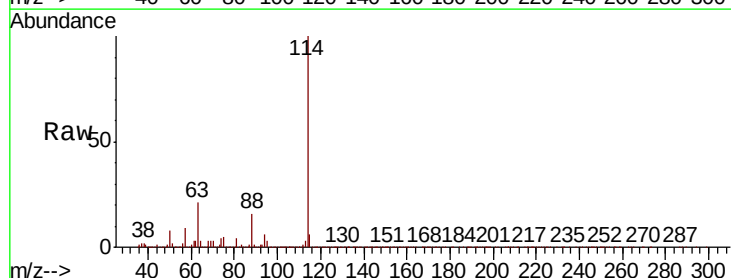
Instrument :
 MSVOA_X
 ClientSampleId :

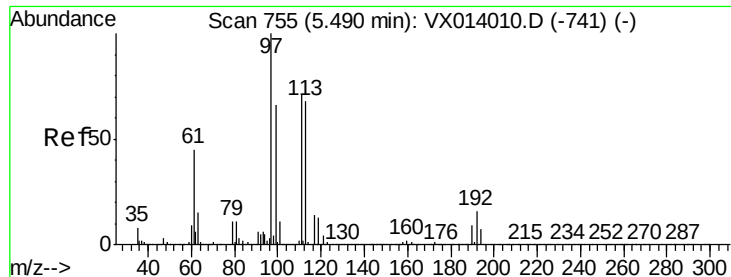
Tot Ion: 65 Resp: 284812
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 114 Resp: 799610
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.514 ug/l

RT: 5.49 min Scan# 755

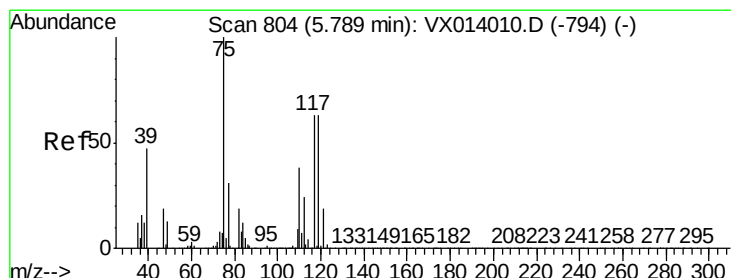
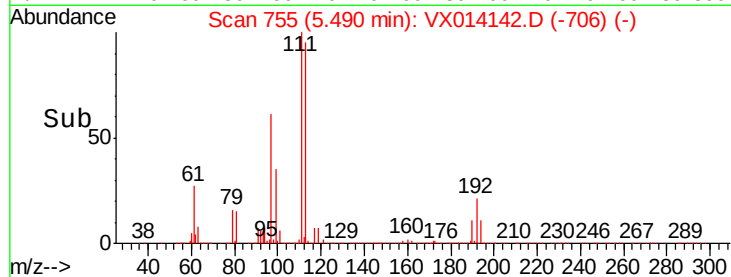
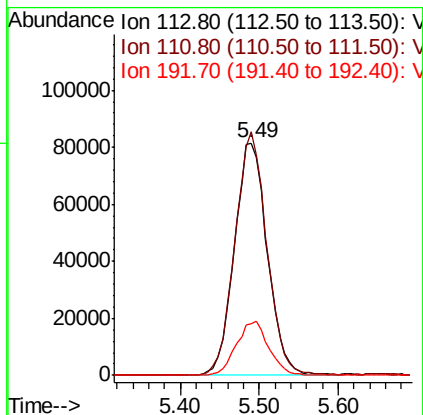
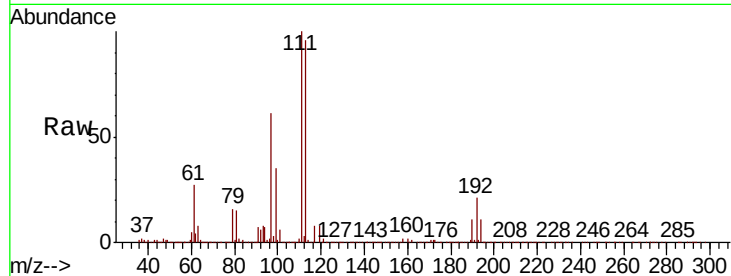
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	235815
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.0	19.3	28.9



#36

1,1-Dichloropropene

Concen: 18.866 ug/l

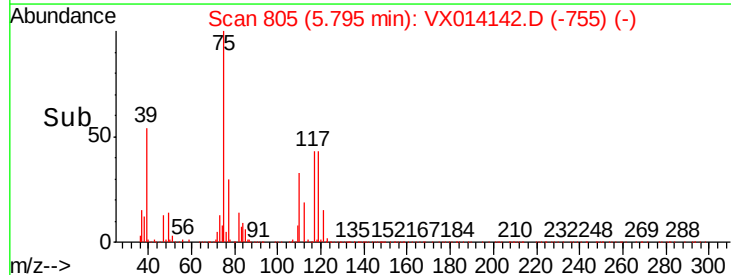
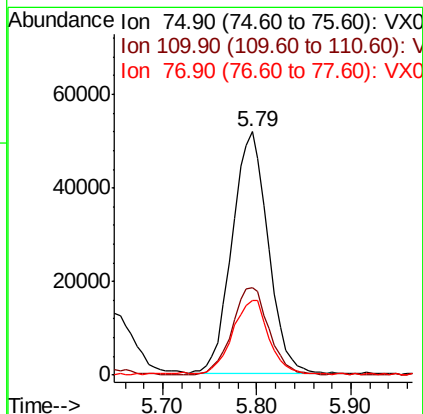
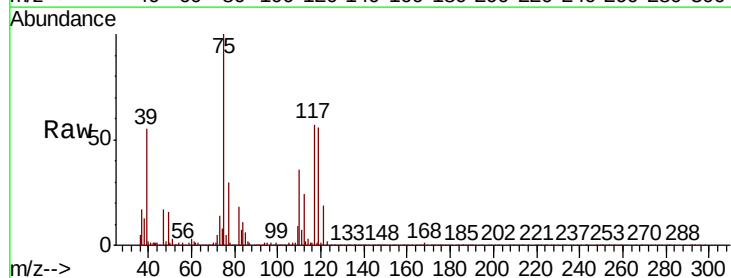
RT: 5.79 min Scan# 805

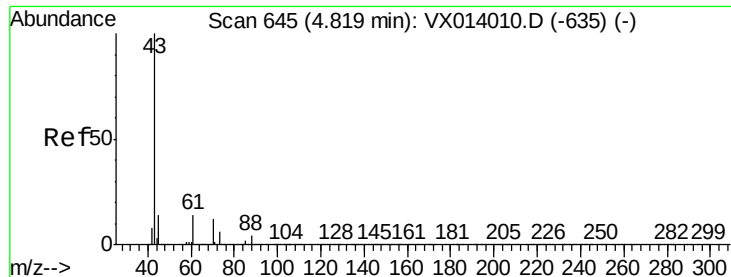
Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	75	Resp:	138414
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.3	54.9
77	30.4	24.8	37.2

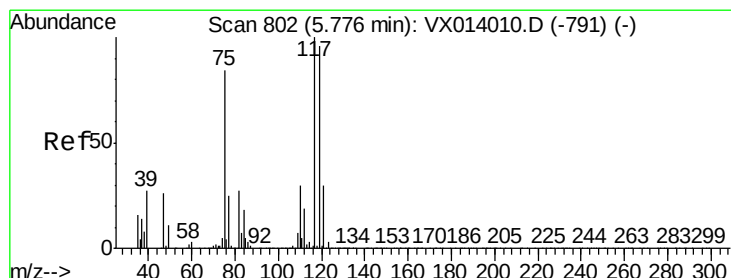
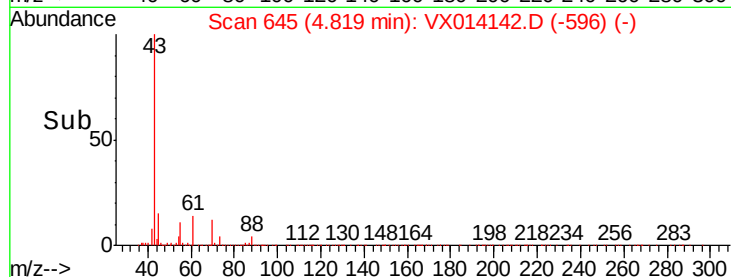
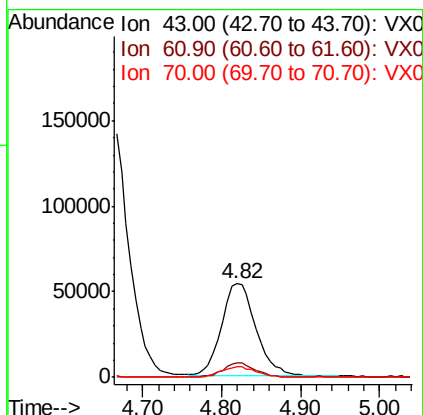
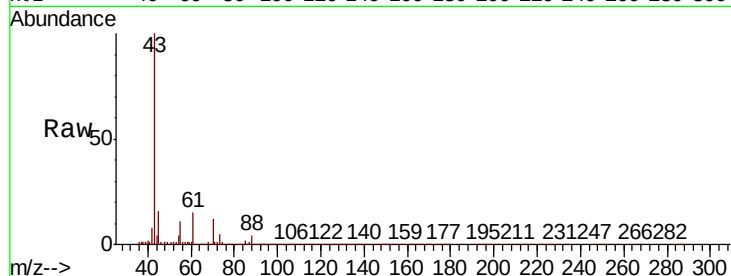




#37
Ethyl Acetate
Concen: 20.567 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

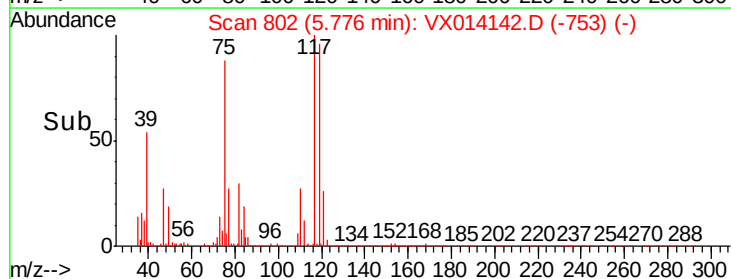
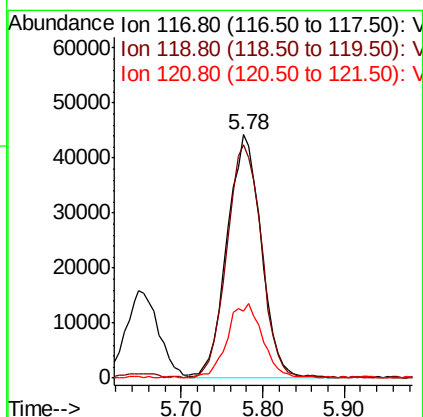
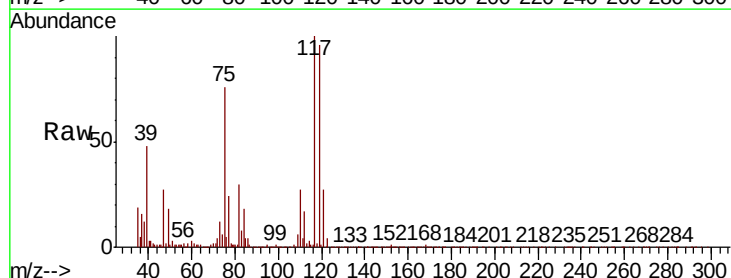
Instrument :
MSVOA_X
ClientSampleId :

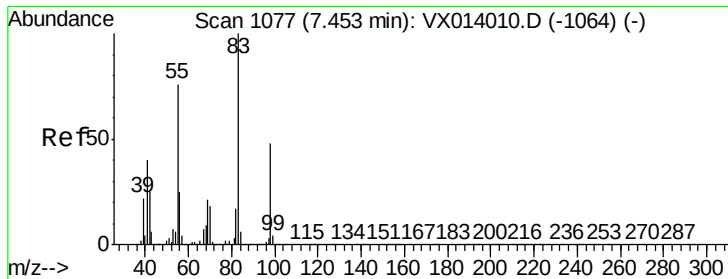
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	11.2	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.049 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.4
121	27.3	23.6	35.4

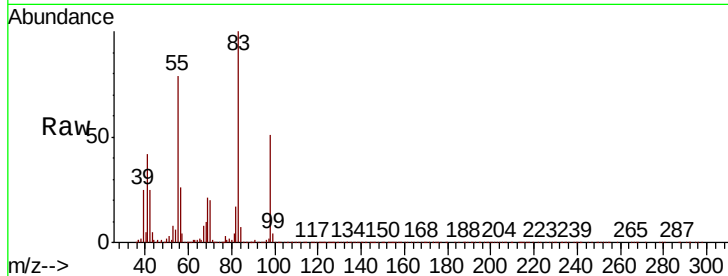




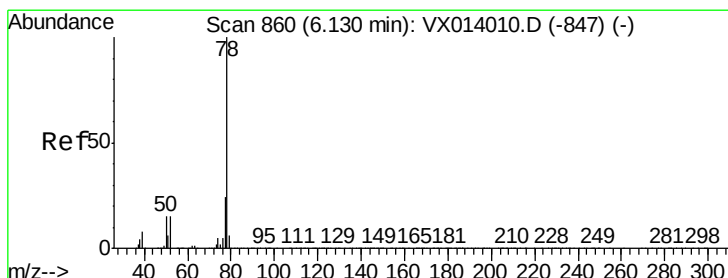
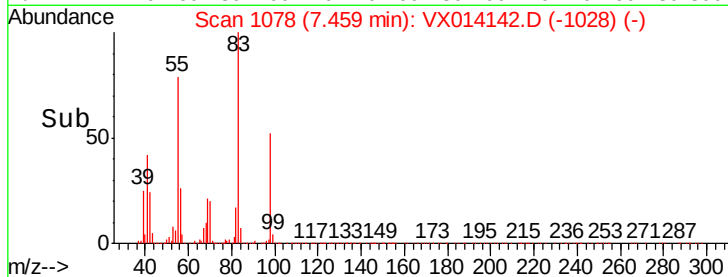
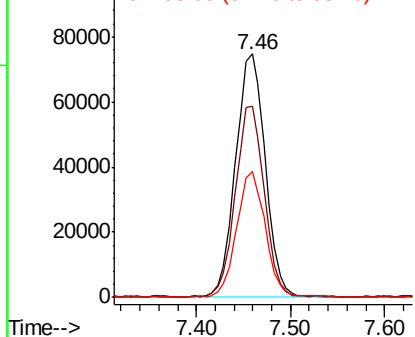
#39
Methylvlcyclohexane
Concen: 18.040 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	61.0	91.6
98	51.3	38.6	57.8

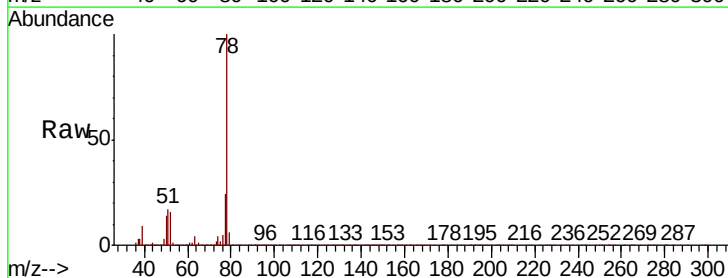


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

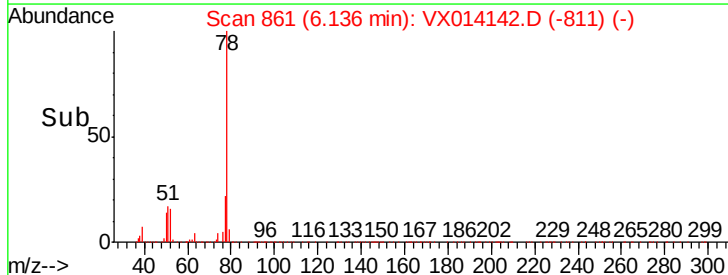
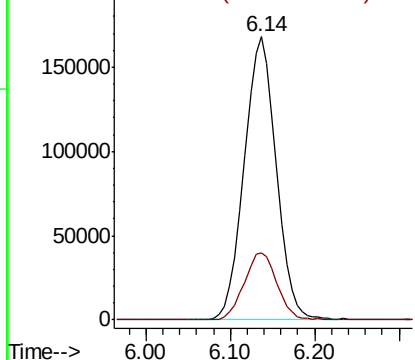


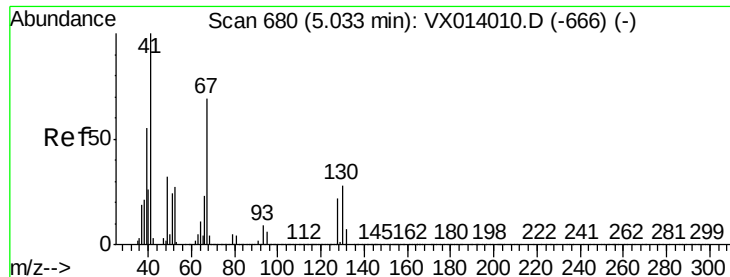
#40
Benzene
Concen: 19.166 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



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

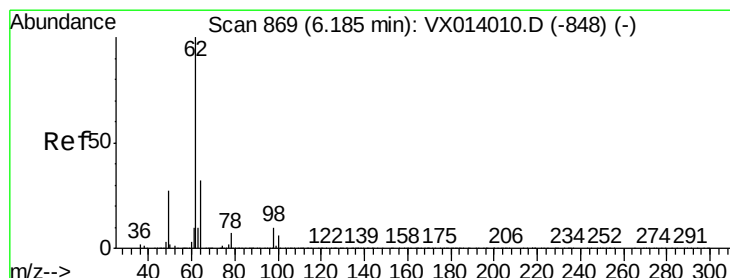
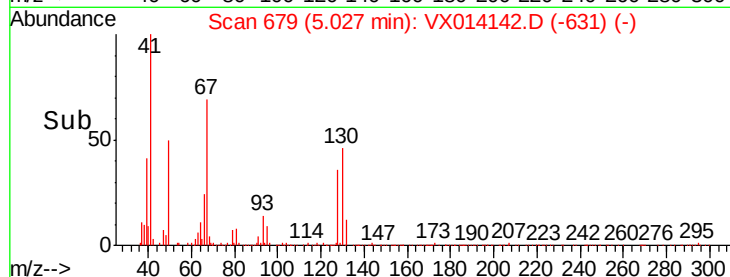
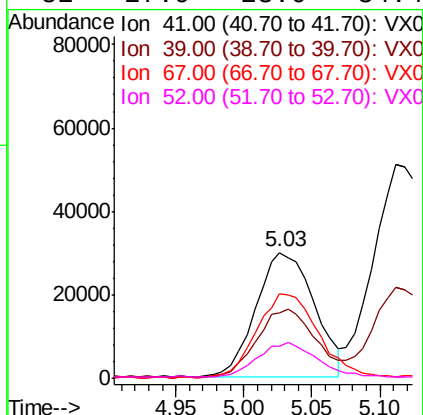
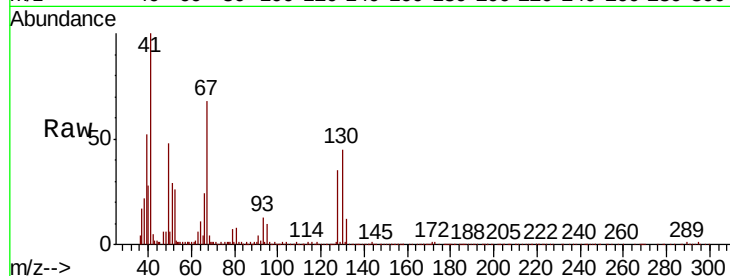




#41
Methacrylonitrile
Concen: 19.926 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

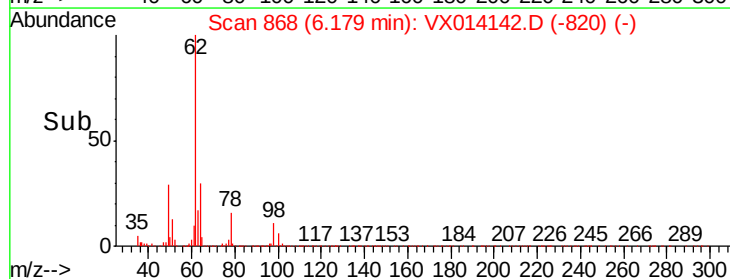
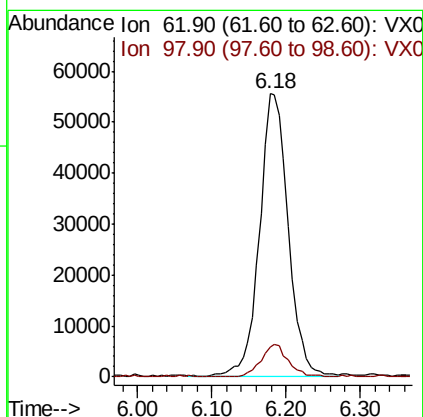
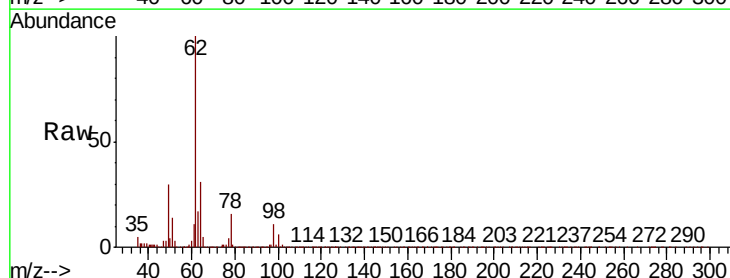
Instrument :
MSVOA_X
ClientSampleId :

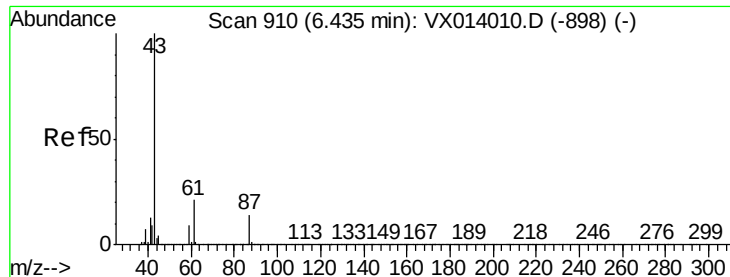
Tot Ion:	41	Resp:	89573
Ion	Ratio	Lower	Upper
41	100		
39	58.2	44.5	66.7
67	73.5	57.4	86.0
52	27.9	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.721 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion:	62	Resp:	150913
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0





#43

Isopropyl Acetate

Concen: 20.219 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

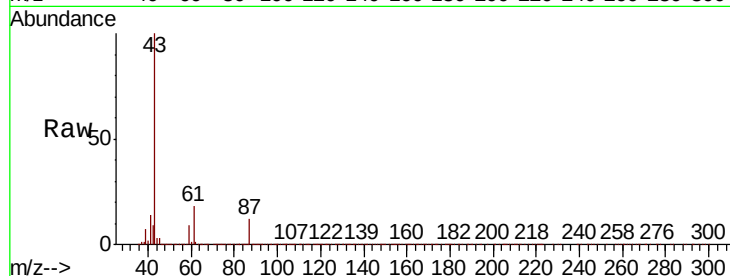
Tot Ion: 43 Resp: 271100

Ion Ratio Lower Upper

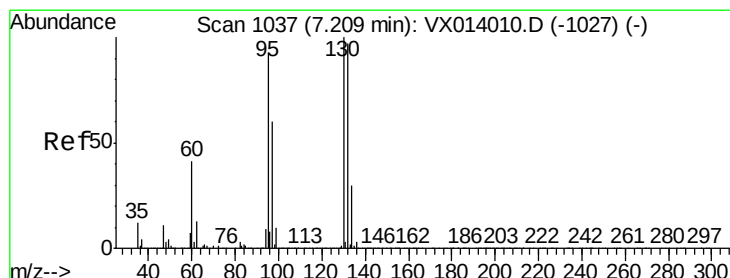
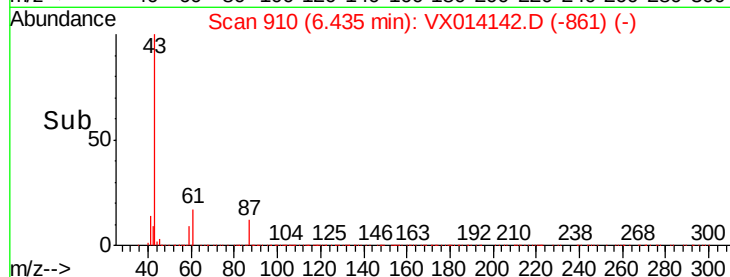
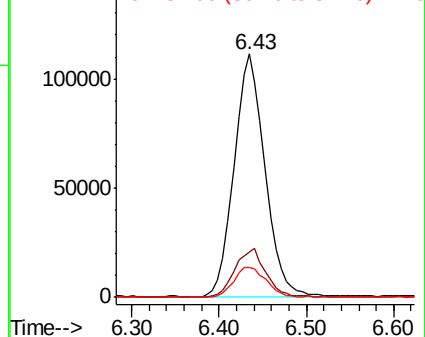
43 100

61 20.0 16.4 24.6

87 13.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.772 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014142.D

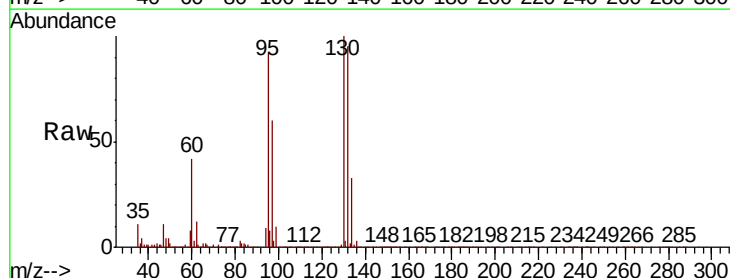
Acq: 20 Dec 2019 00:46

Tgt Ion: 130 Resp: 117047

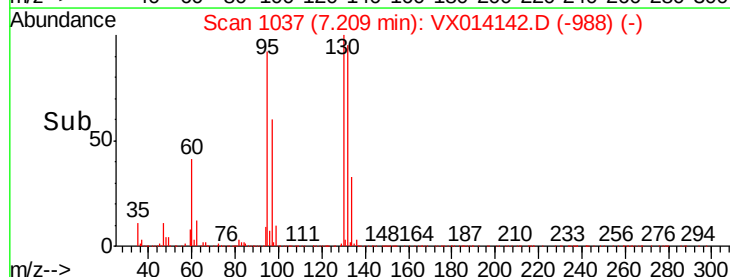
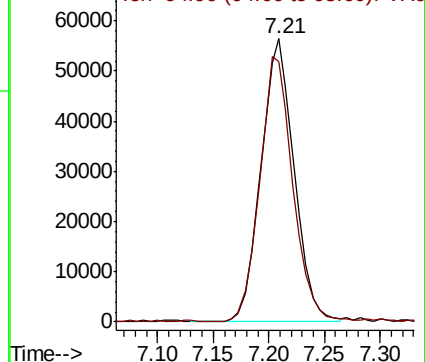
Ion Ratio Lower Upper

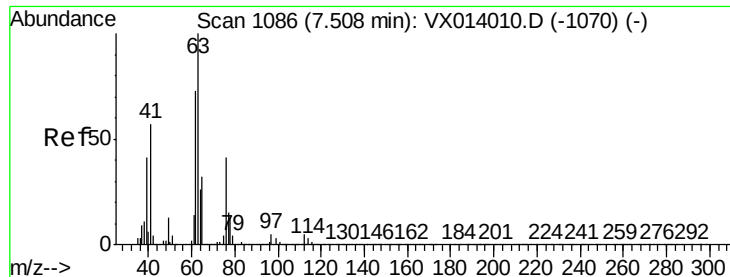
130 100

95 91.6 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

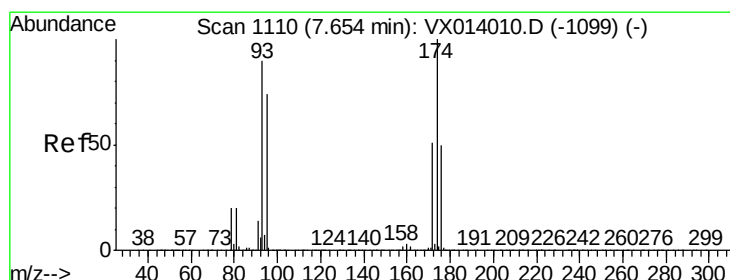
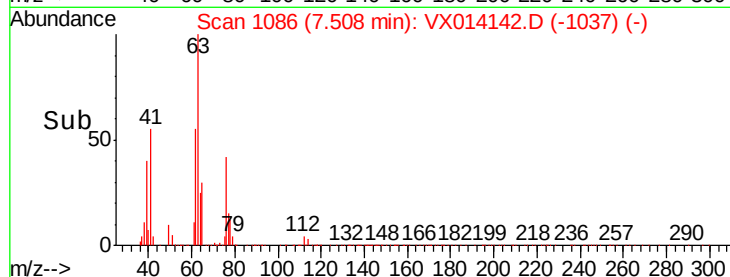
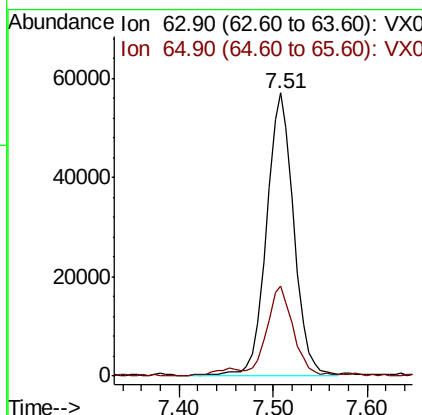
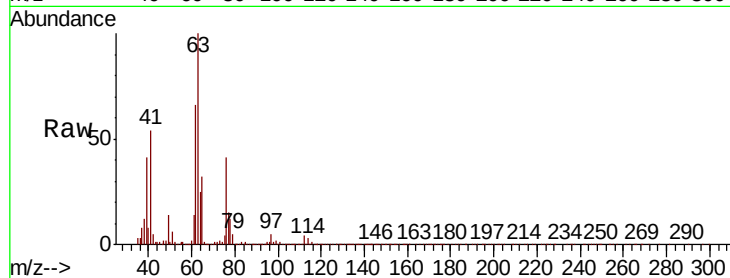




#45
 1,2-Dichloropropane
 Concen: 20.208 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

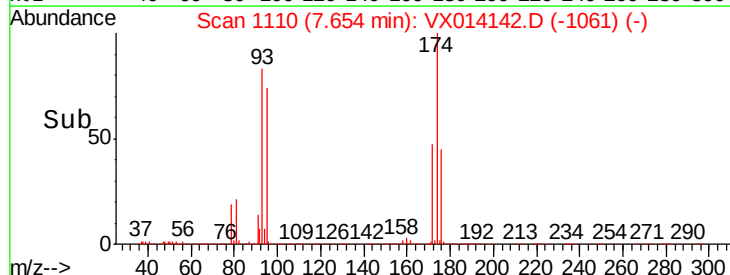
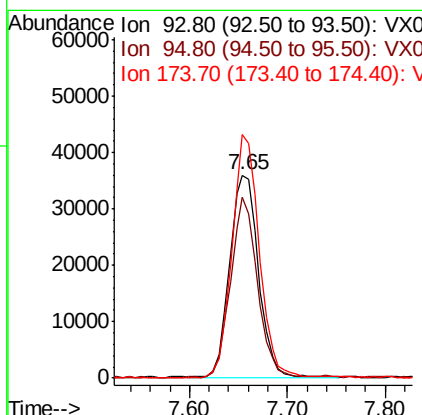
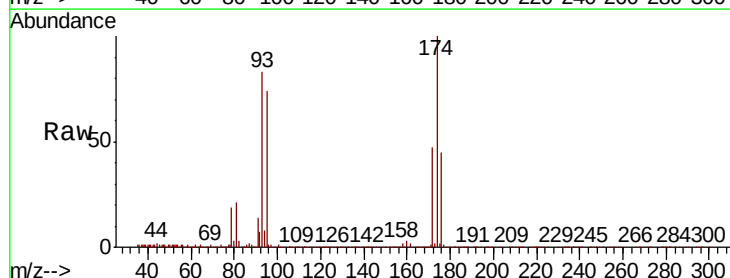
Instrument :
 MSVOA_X
 ClientSampleId :

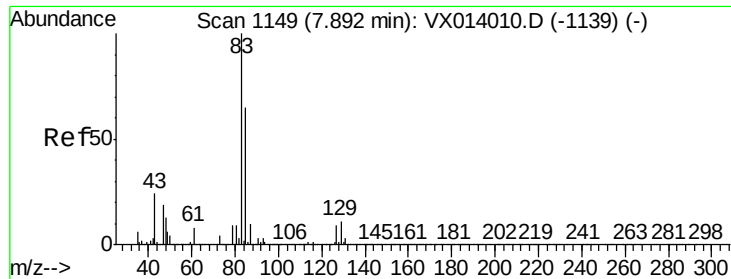
Tot Ion: 63 Resp: 116923
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.8 38.8



#46
 Dibromomethane
 Concen: 19.187 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 93 Resp: 73401
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.3 100.9
 174 113.8 91.6 137.4





#47

Bromodichloromethane

Concen: 19.223 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampled :

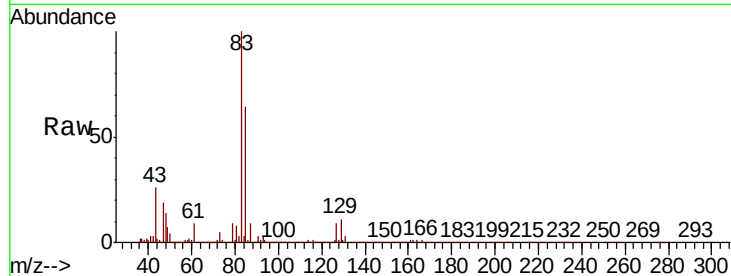
Tot Ion: 83 Resp: 138498

Ion Ratio Lower Upper

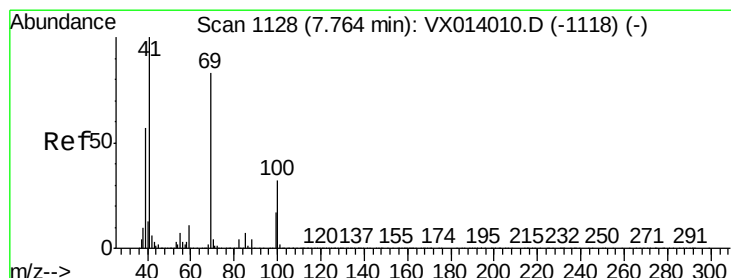
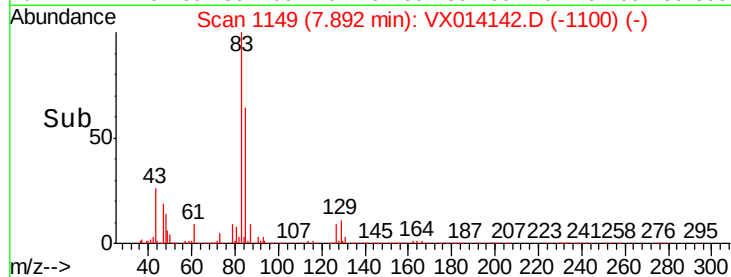
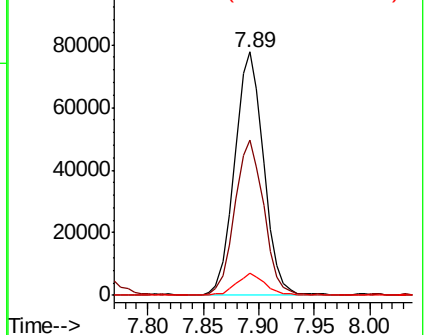
83 100

85 63.5 51.8 77.8

127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.690 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

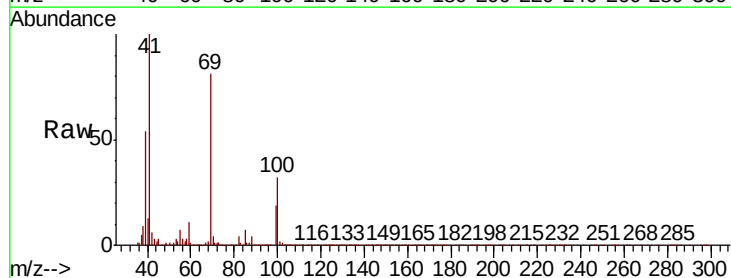
Tgt Ion: 41 Resp: 129278

Ion Ratio Lower Upper

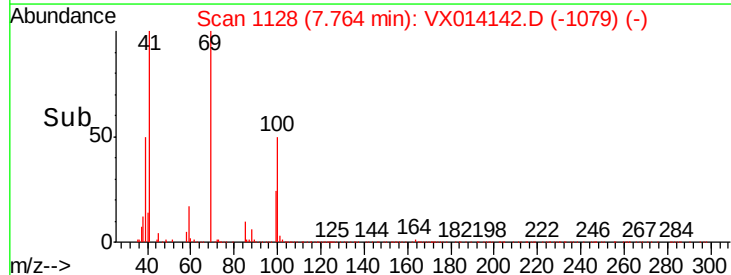
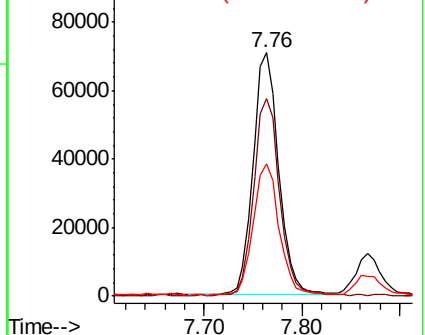
41 100

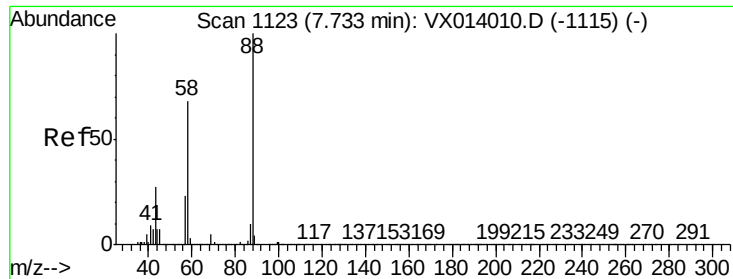
69 81.9 65.8 98.6

39 54.2 44.6 67.0



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: 412.300 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

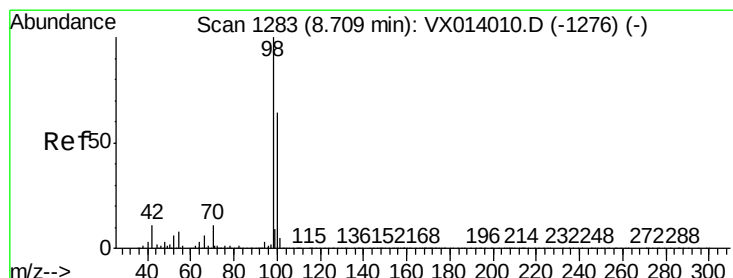
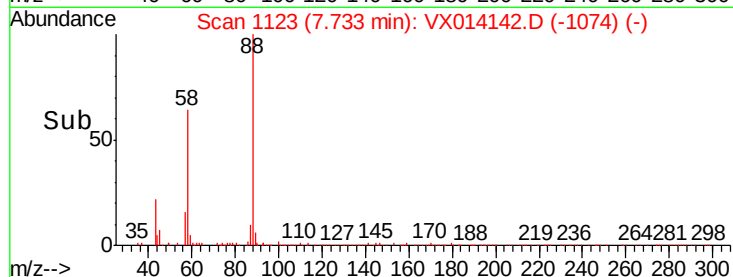
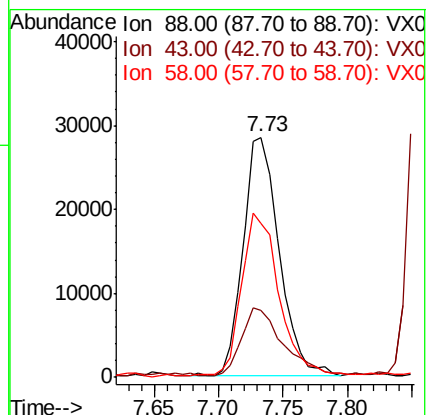
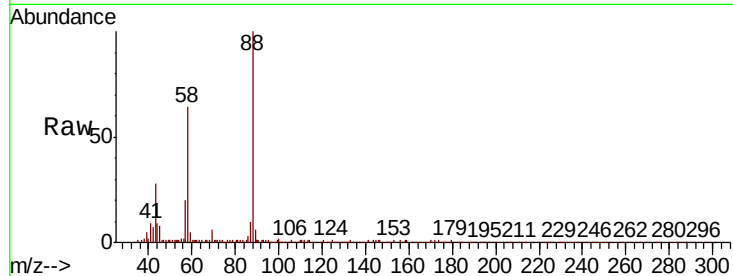
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 55089

Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.5	39.7
58	71.2	56.8	85.2



#50

Toluene-d8

Concen: 47.822 ug/l

RT: 8.71 min Scan# 1283

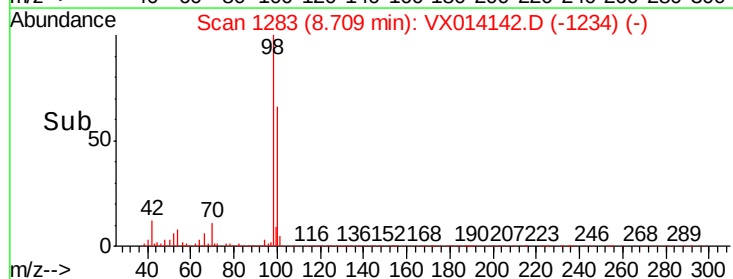
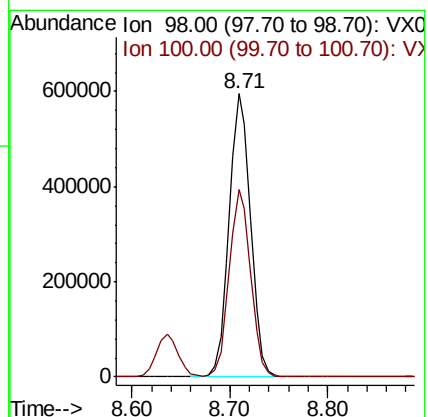
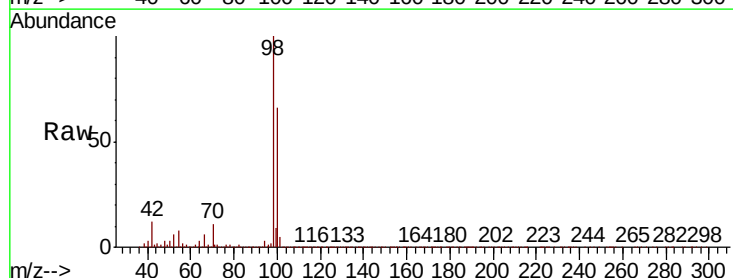
Delta R.T. 0.00 min

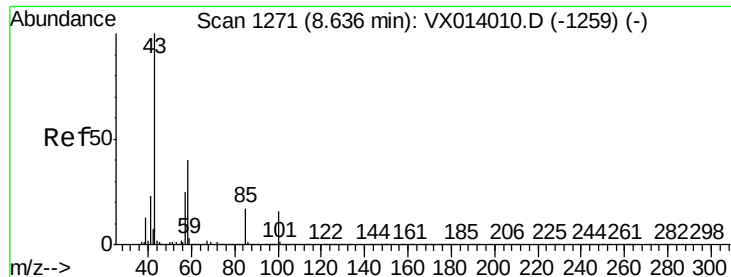
Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion: 98 Resp: 904979

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 101.806 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

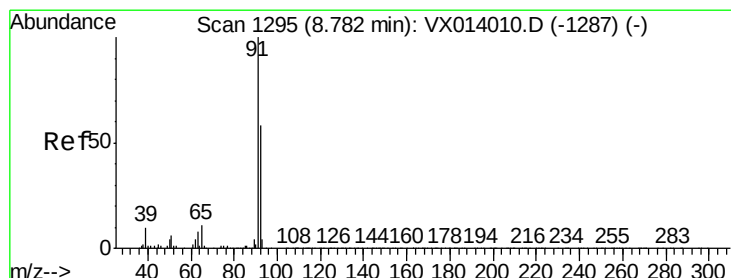
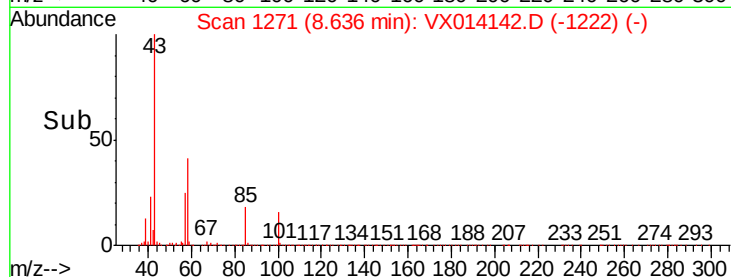
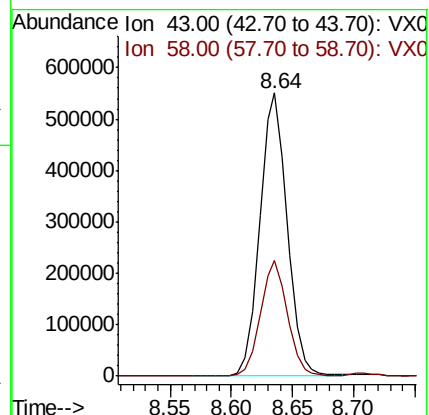
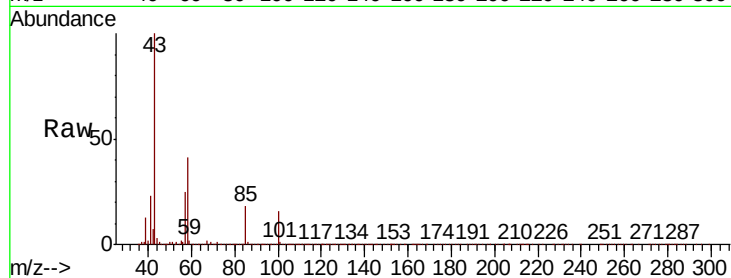
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 857280

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 18.910 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014142.D

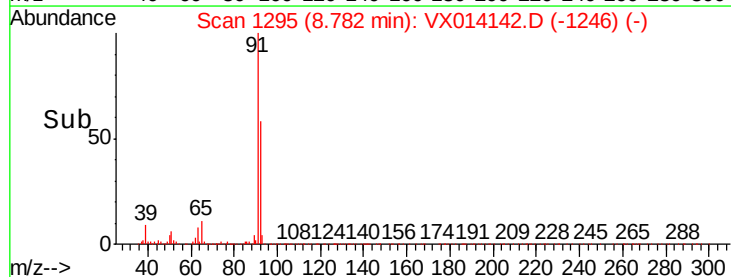
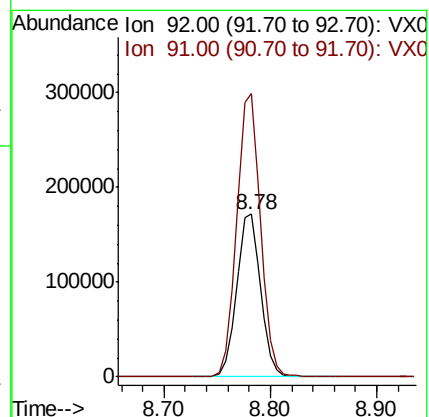
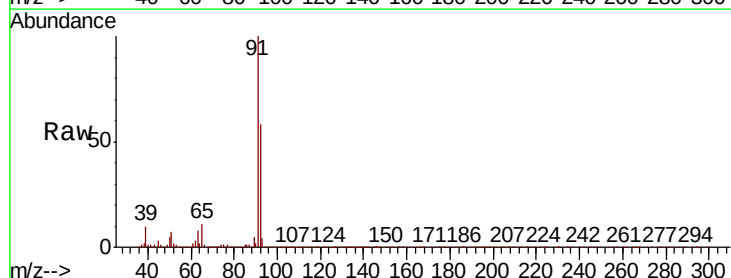
Acq: 20 Dec 2019 00:46

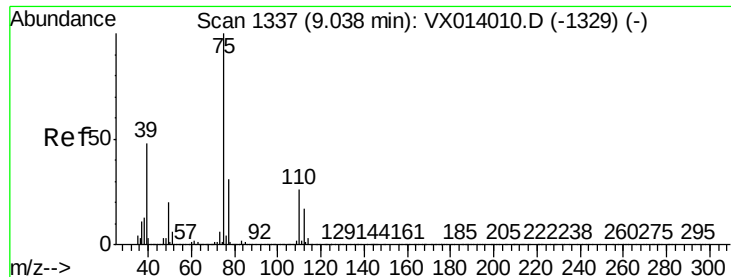
Tgt Ion: 92 Resp: 269826

Ion Ratio Lower Upper

92 100

91 173.9 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.660 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

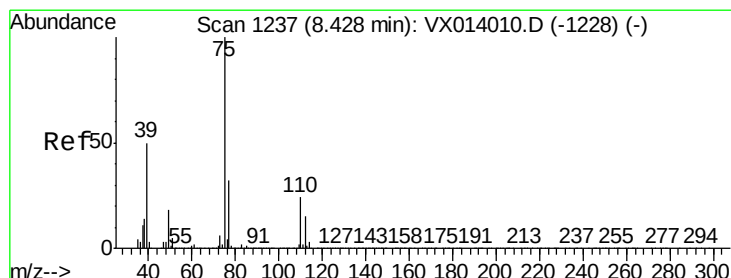
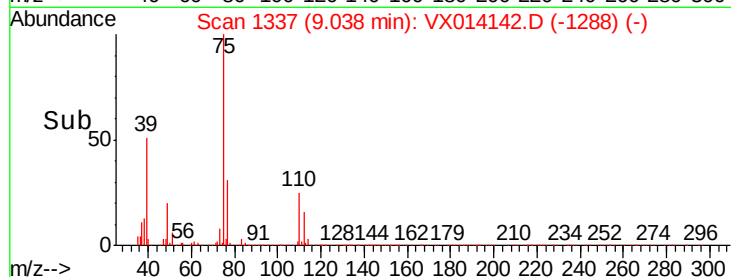
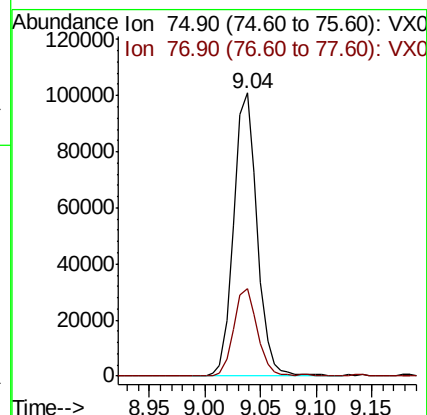
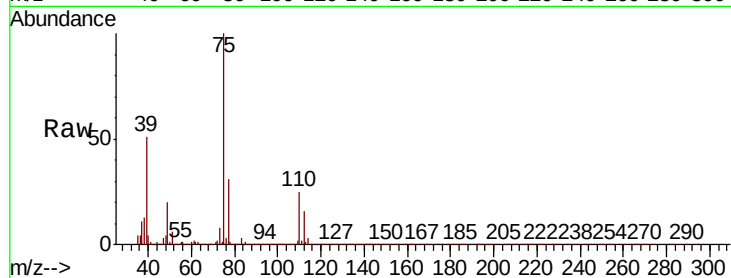
ClientSampleId :

Tot Ion: 75 Resp: 147414

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.018 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

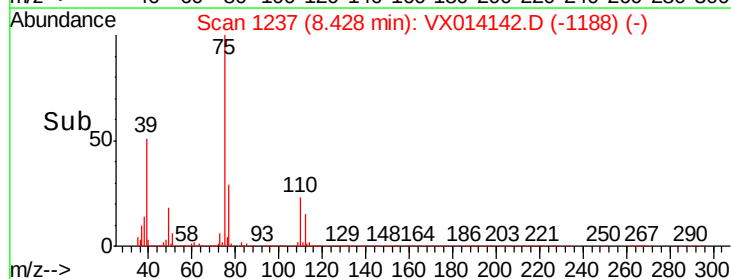
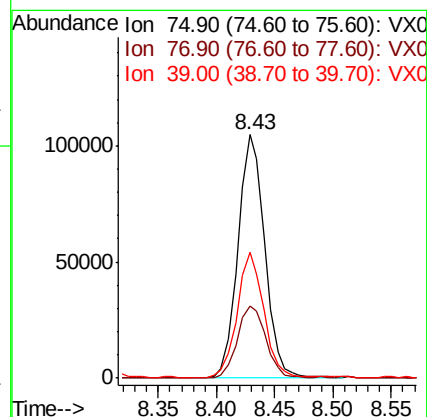
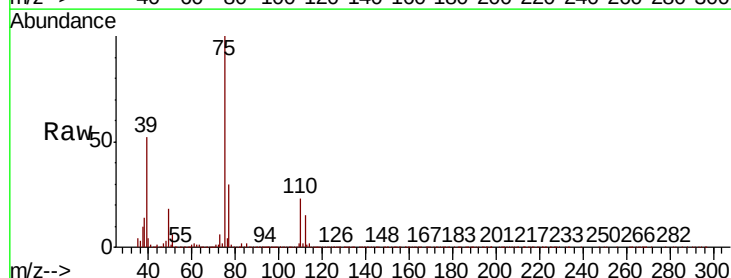
Tgt Ion: 75 Resp: 167379

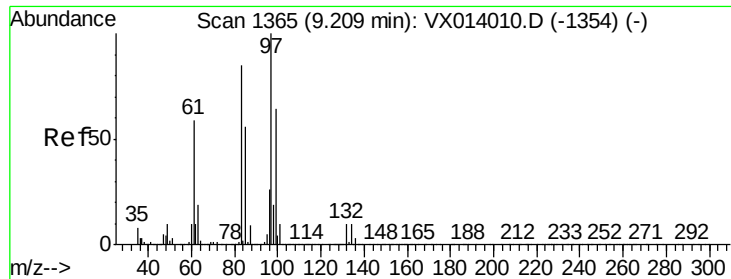
Ion Ratio Lower Upper

75 100

77 29.4 25.3 37.9

39 51.4 39.9 59.9

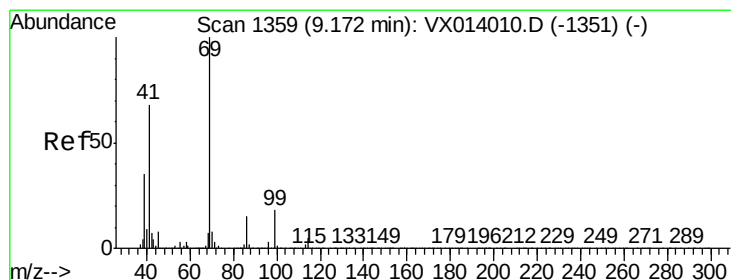
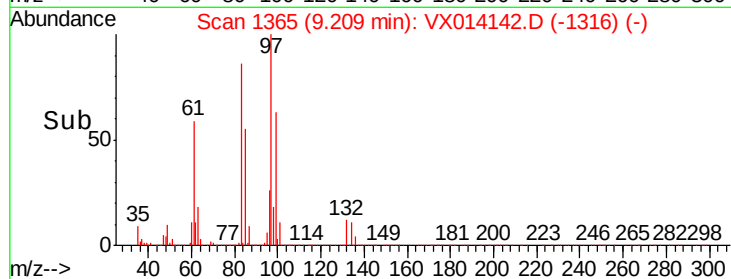
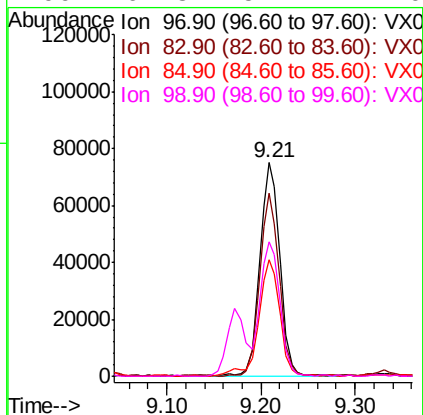
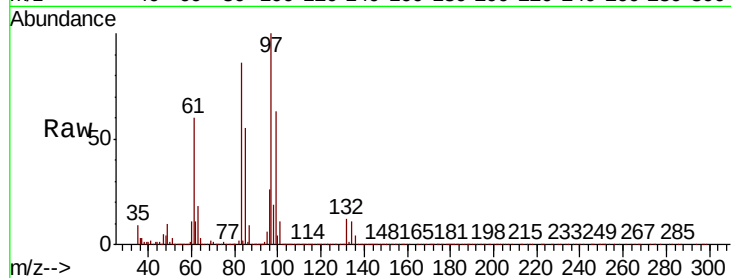




#55
 1,1,2-Trichloroethane
 Concen: 19.520 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

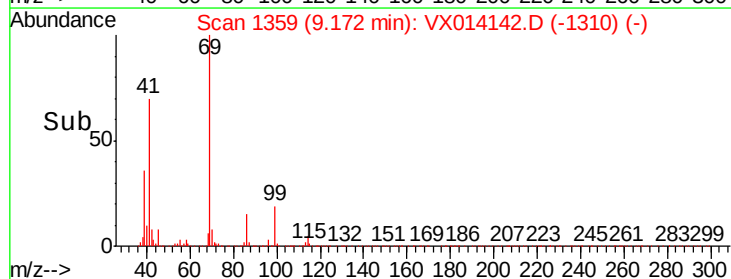
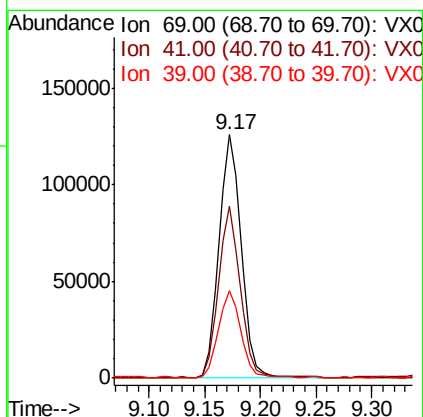
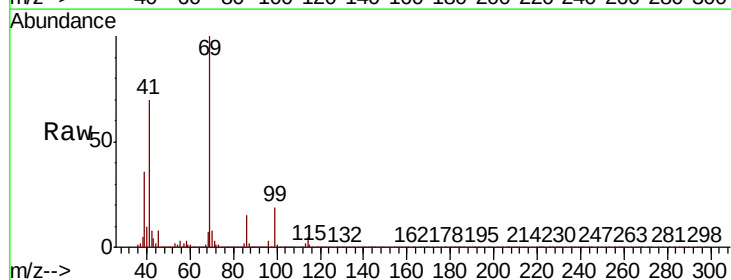
Instrument :
 MSVOA_X
 ClientSampleId :

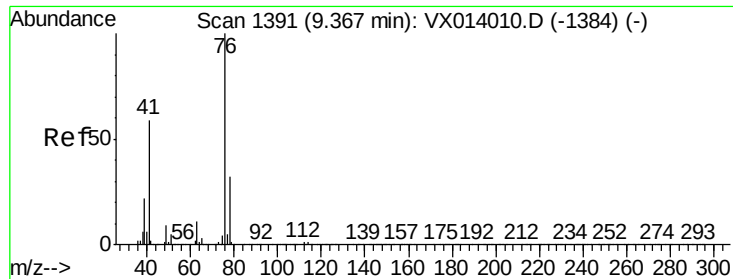
Tot Ion:	97	Resp:	111633
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.2	102.4
85	54.8	44.6	66.8
99	62.8	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.216 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion:	69	Resp:	172621
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.8	82.2
39	36.2	28.3	42.5

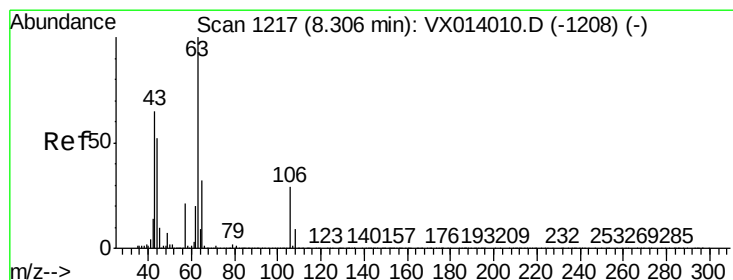
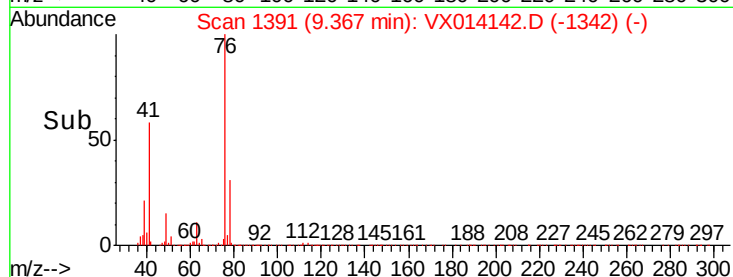
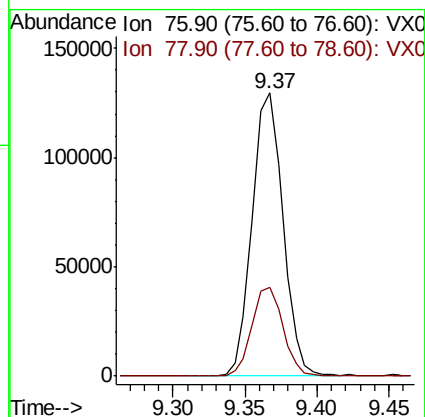
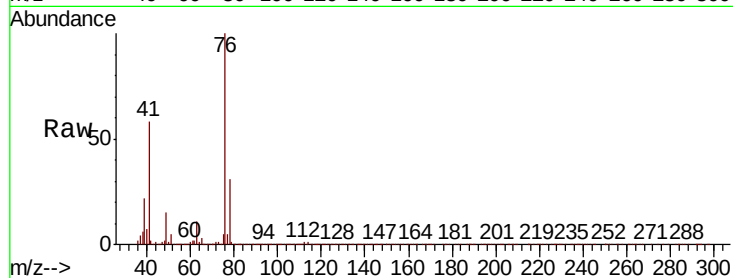




#57
 1,3-Dichloropropane
 Concen: 19.877 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

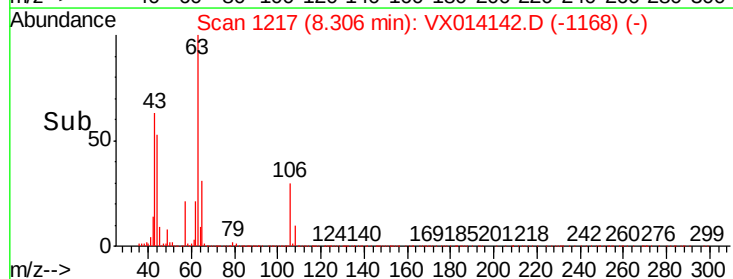
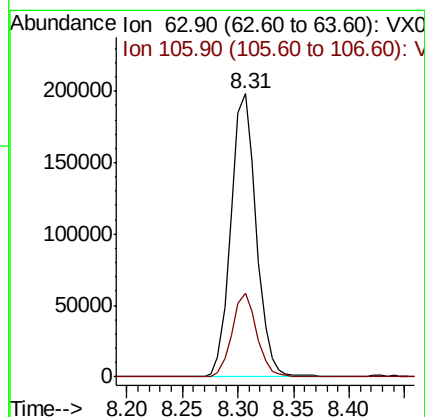
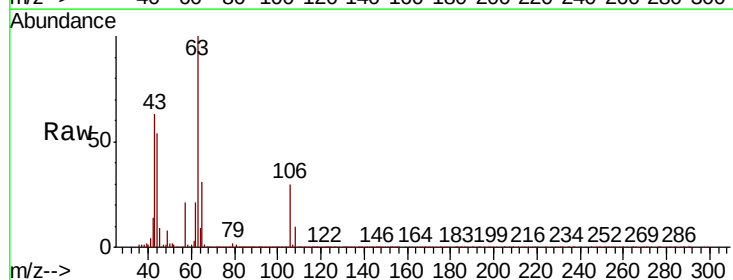
Instrument :
 MSVOA_X
 ClientSampled :

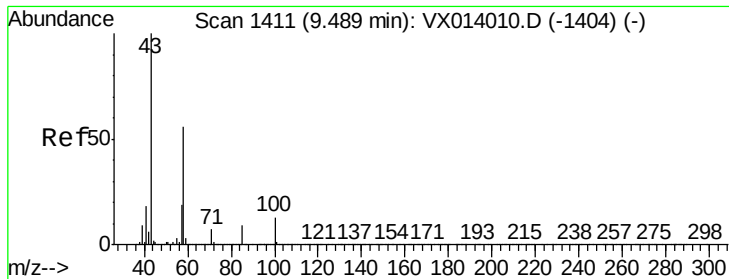
Tot Ion: 76 Resp: 191248
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.578 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 63 Resp: 311327
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.0 34.6

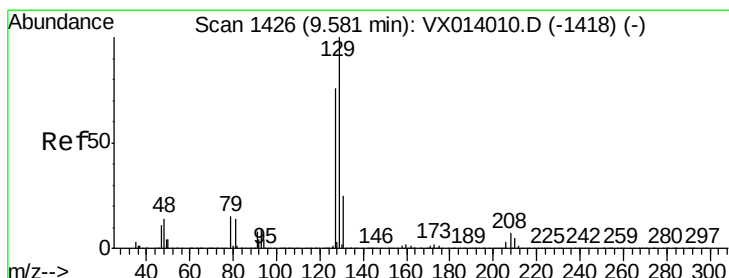
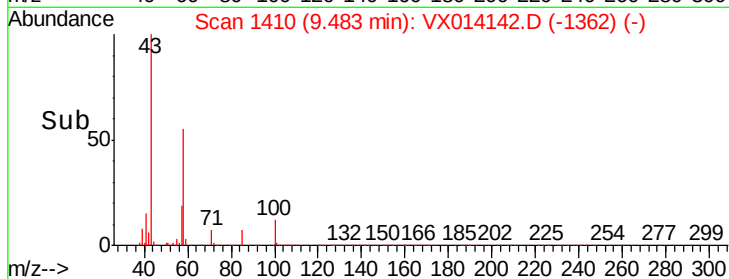
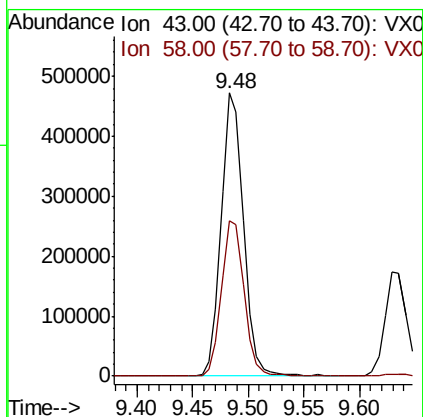
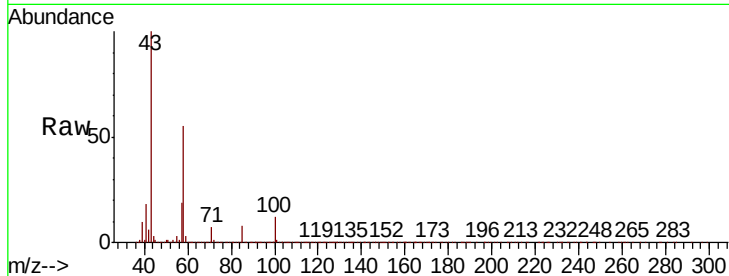




#59
2-Hexanone
Concen: 96.666 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

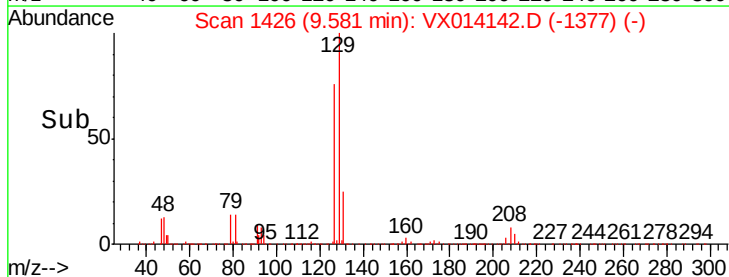
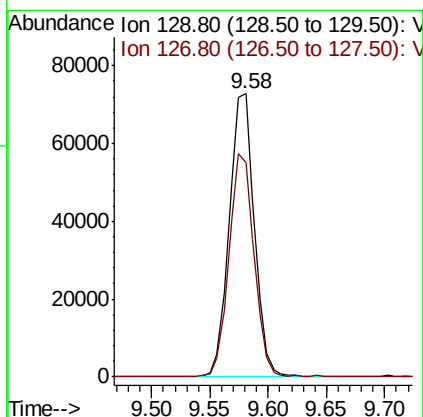
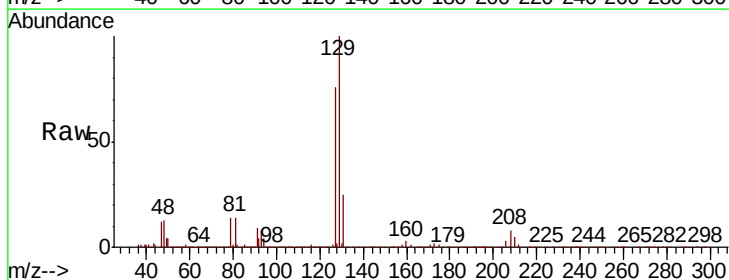
Instrument :
MSVOA_X
ClientSampled :

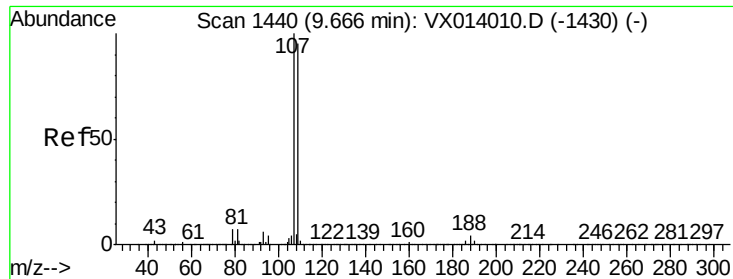
Tot Ion: 43 Resp: 655270
Ion Ratio Lower Upper
43 100
58 56.1 28.0 84.0



#60
Dibromochloromethane
Concen: 19.129 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion: 129 Resp: 108739
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.830 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

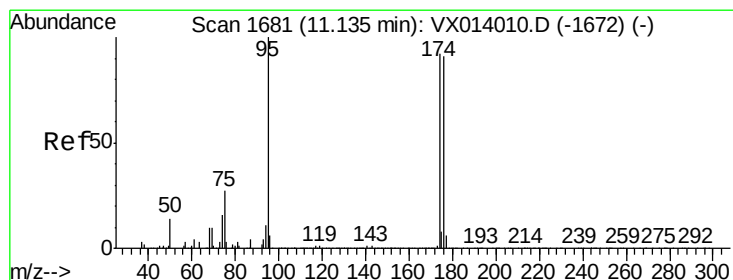
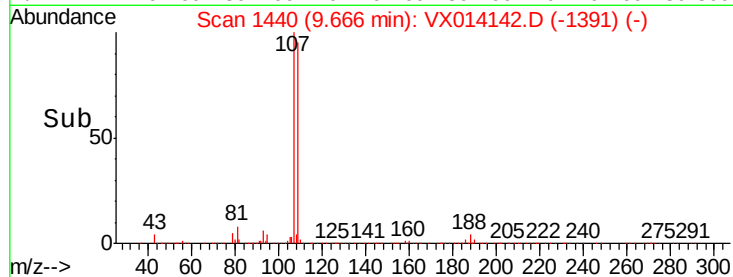
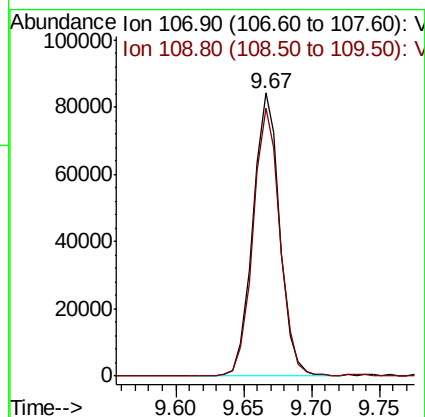
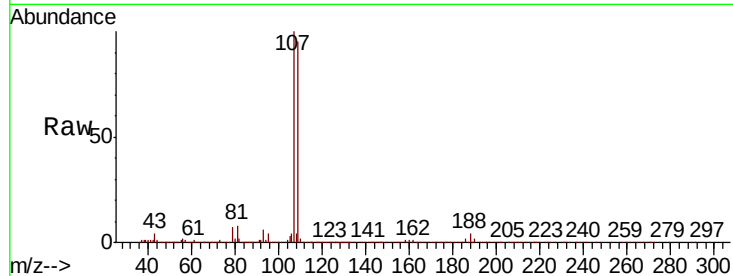
ClientSampleId :

Tot Ion:107 Resp: 116032

Ion Ratio Lower Upper

107 100

109 94.9 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 45.629 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

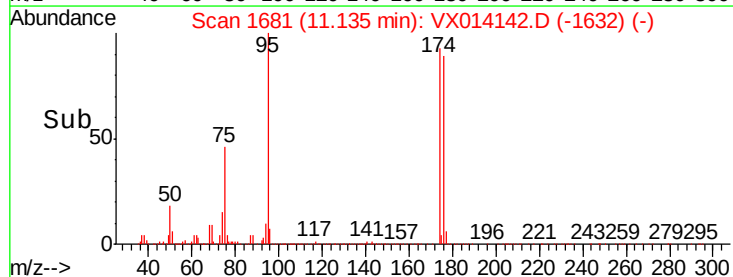
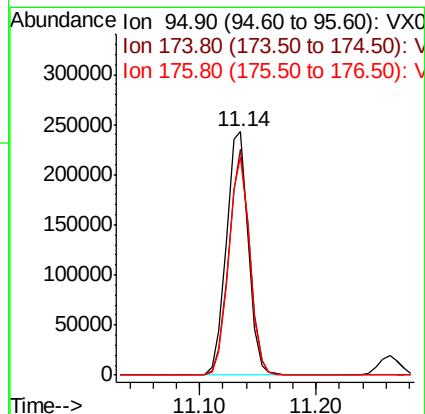
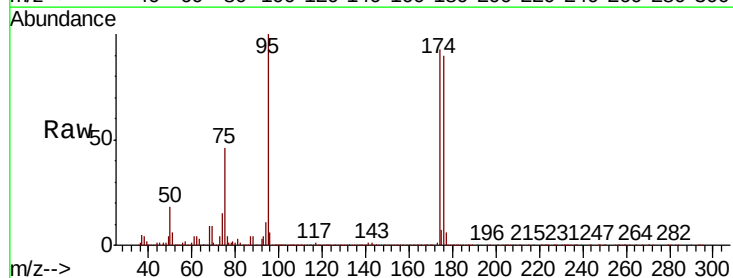
Tgt Ion: 95 Resp: 315645

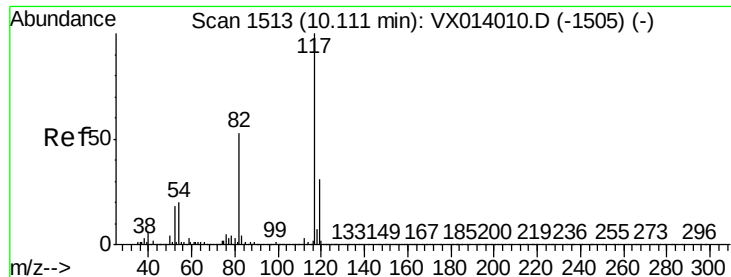
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.8

176 86.5 0.0 173.0

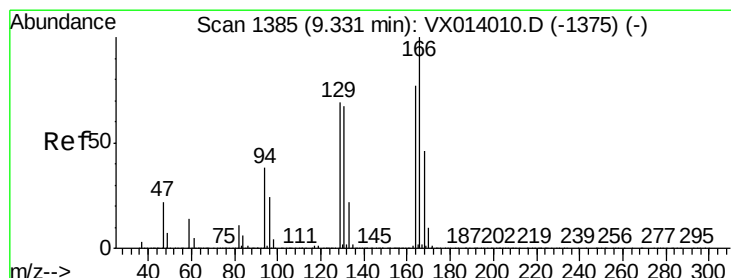
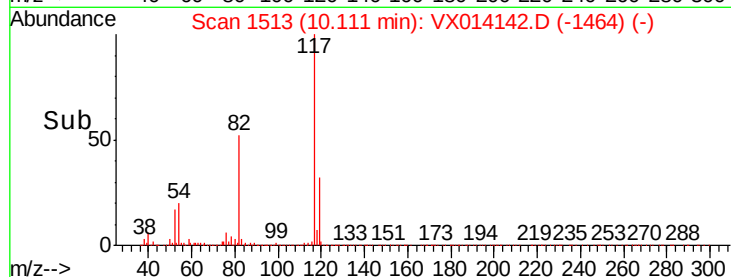
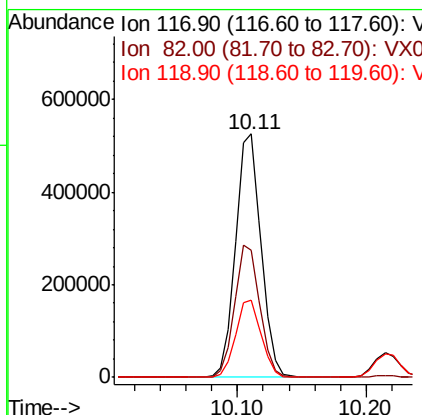
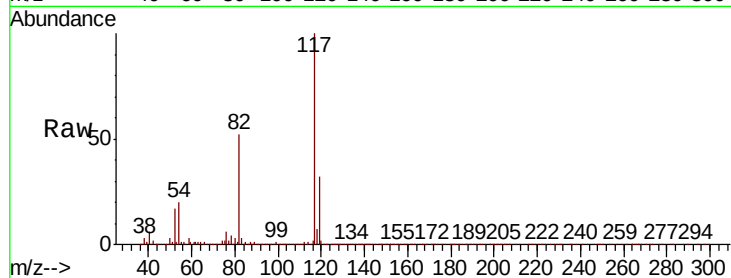




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

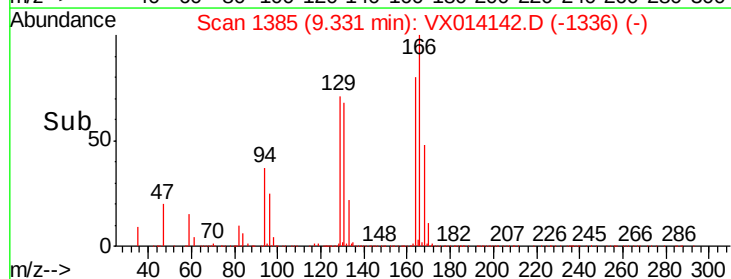
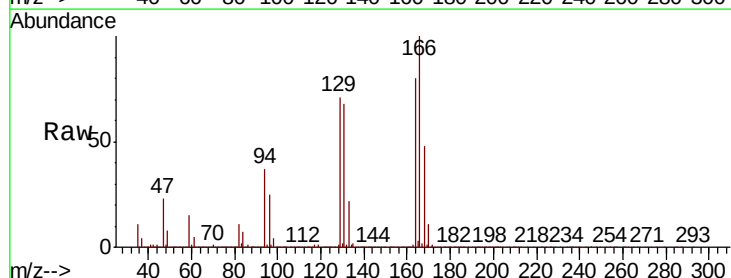
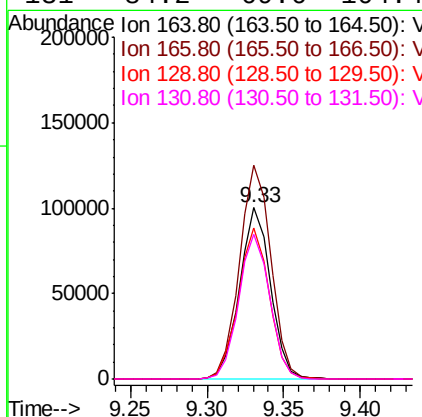
Instrument :
MSVOA_X
ClientSampleId :

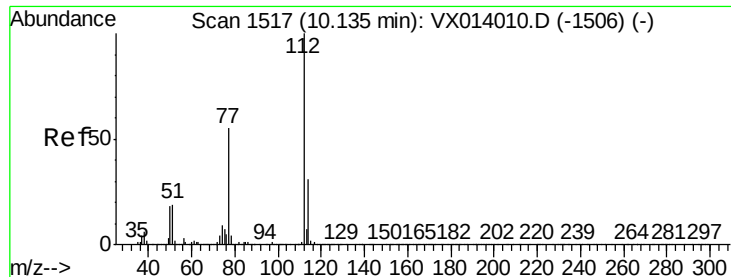
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 22.052 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	104.0	156.0
129	88.3	72.2	108.4
131	84.2	69.6	104.4

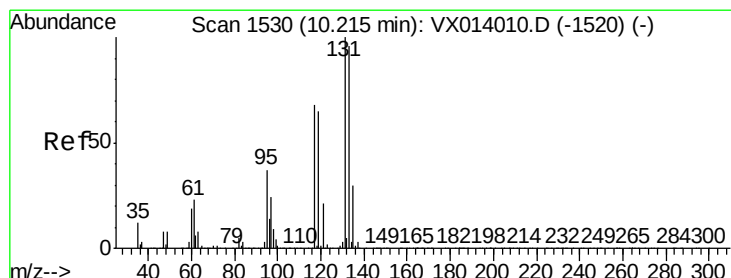
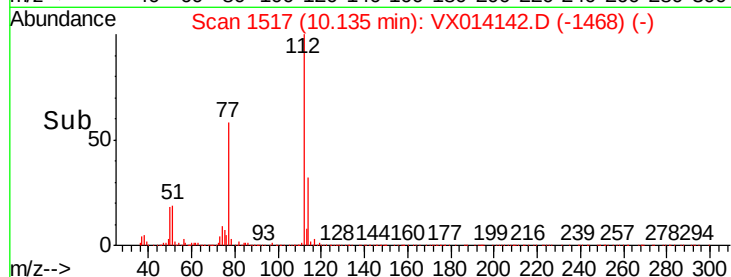
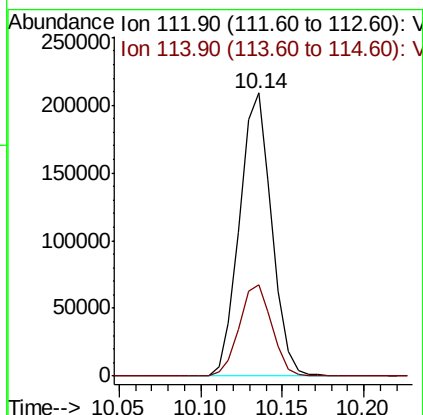
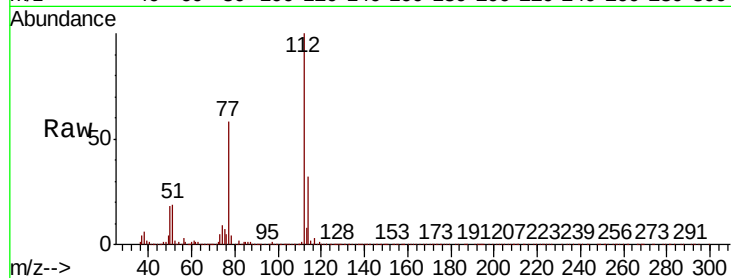




#65
Chlorobenzene
Concen: 18.716 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

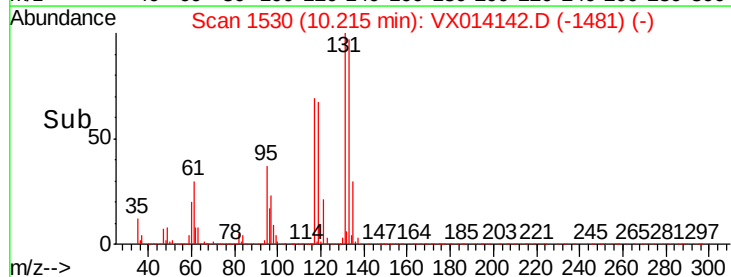
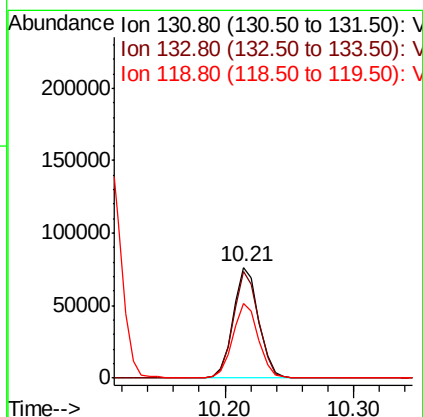
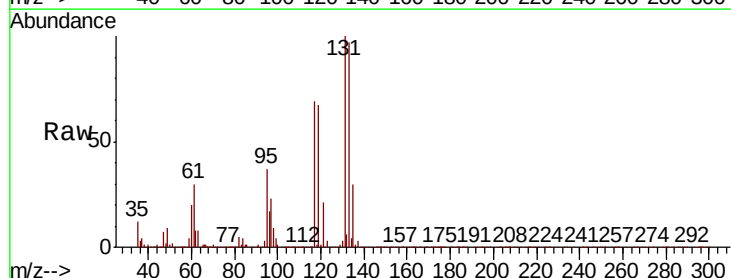
Instrument :
MSVOA_X
ClientSampleId :

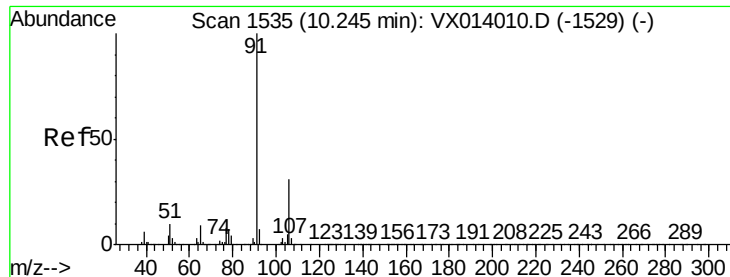
Tot Ion:112 Resp: 287029
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.162 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion:131 Resp: 104925
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 67.0 33.4 100.2





#67

Ethyl Benzene

Concen: 19.128 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

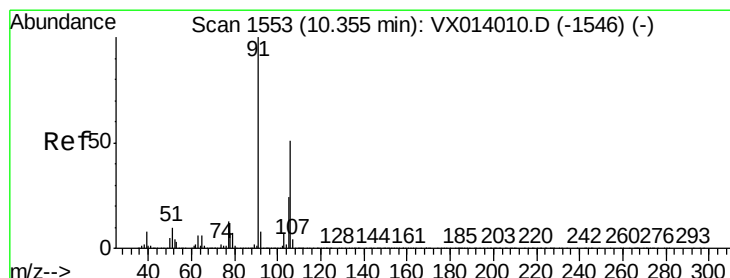
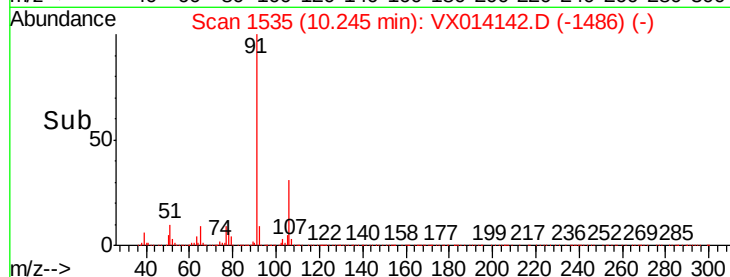
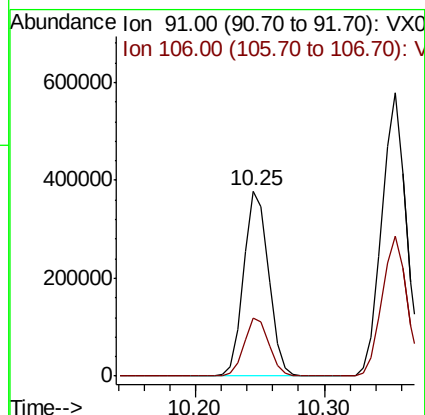
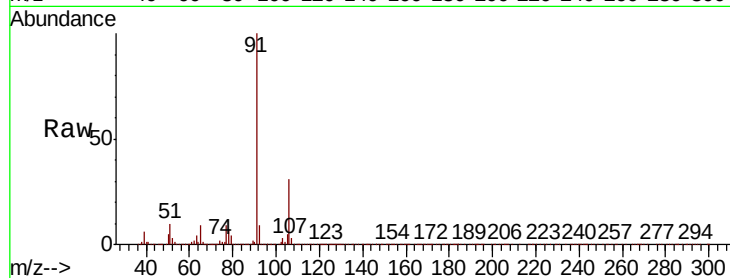
ClientSampleId :

Tot Ion: 91 Resp: 504329

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 37.740 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014142.D

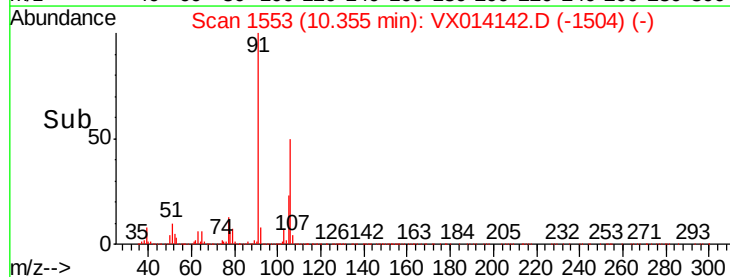
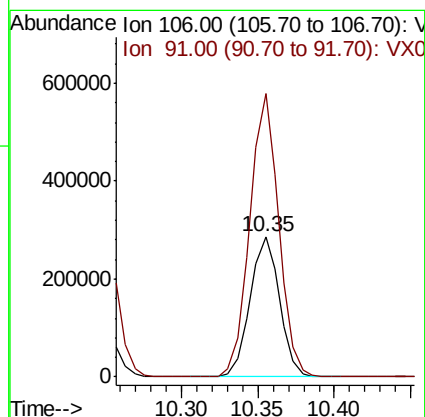
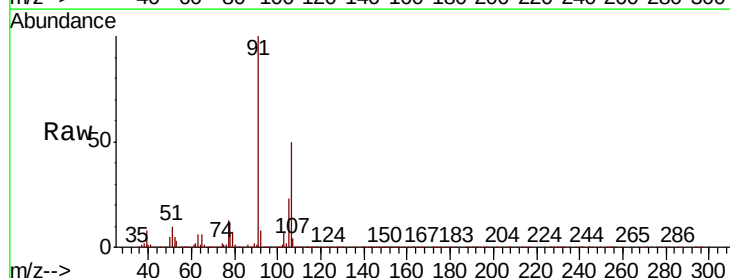
Acq: 20 Dec 2019 00:46

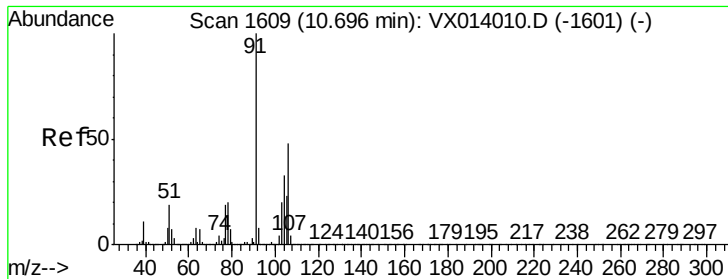
Tgt Ion: 106 Resp: 382707

Ion Ratio Lower Upper

106 100

91 198.8 158.6 238.0

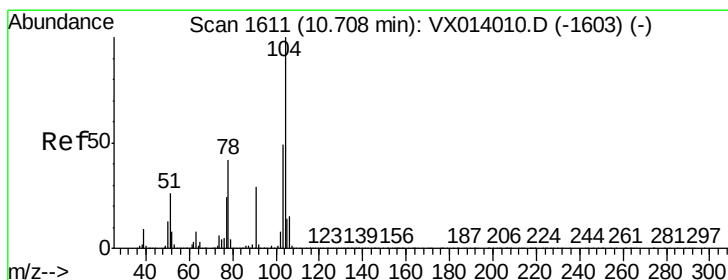
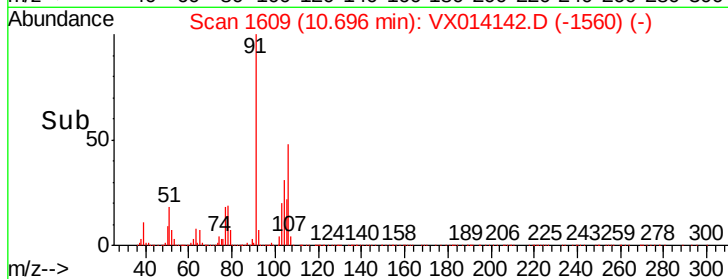
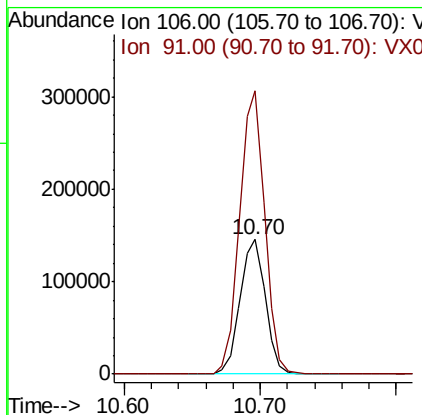
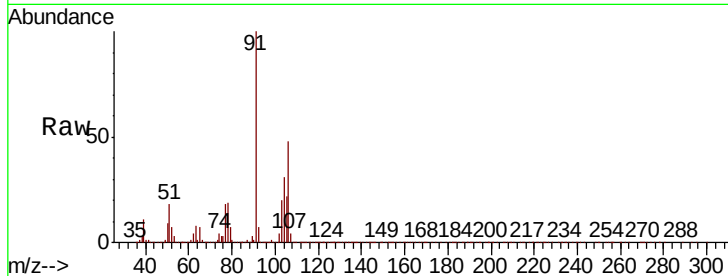




#69
o-Xylene
Concen: 18.963 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

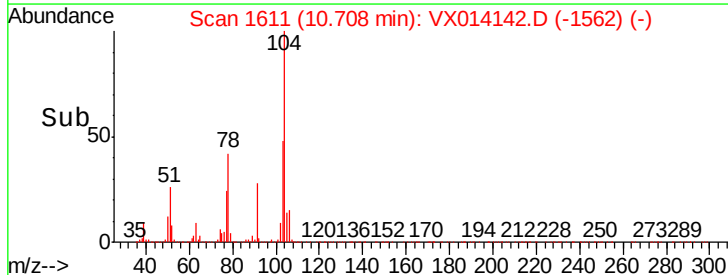
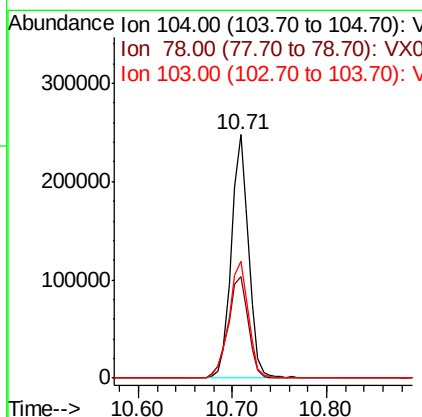
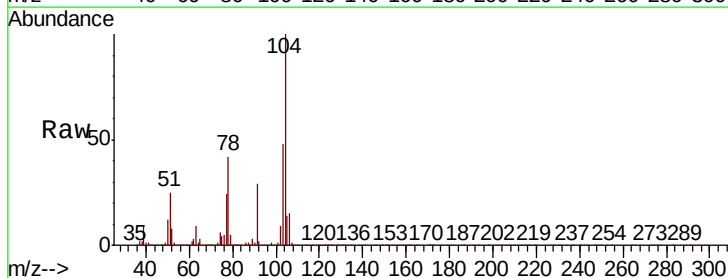
Instrument :
MSVOA_X
ClientSampleId :

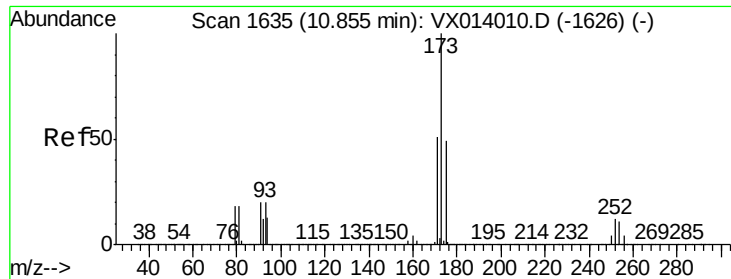
Tot Ion:106 Resp: 188599
Ion Ratio Lower Upper
106 100
91 208.5 104.2 312.6



#70
Styrene
Concen: 18.638 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion:104 Resp: 313456
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.0 42.9 64.3

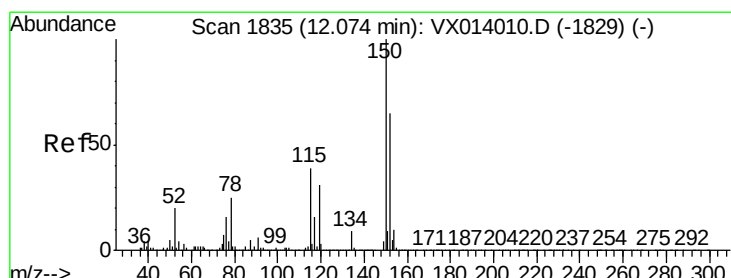
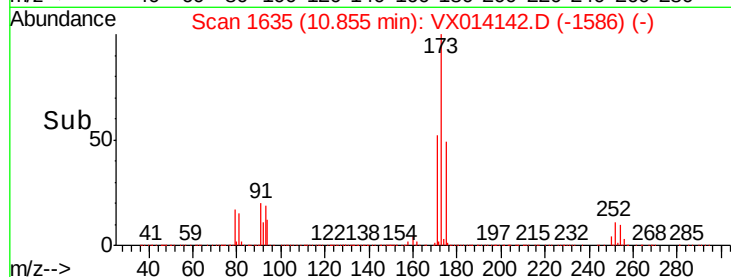
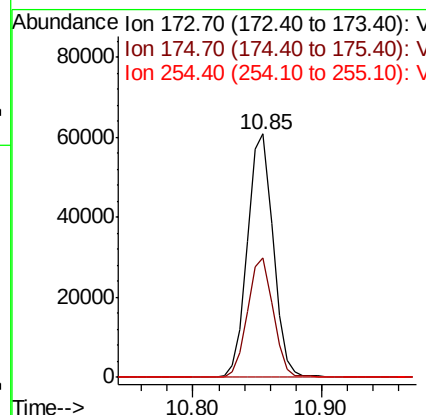
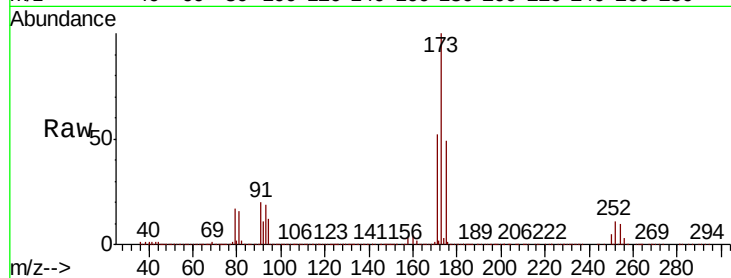




#71
Bromoform
Concen: 19.054 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

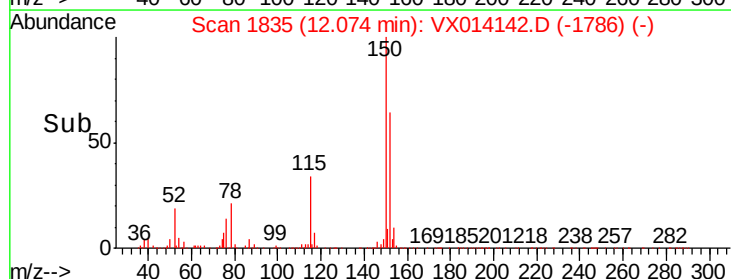
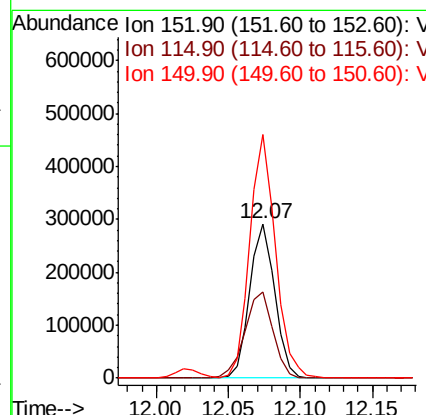
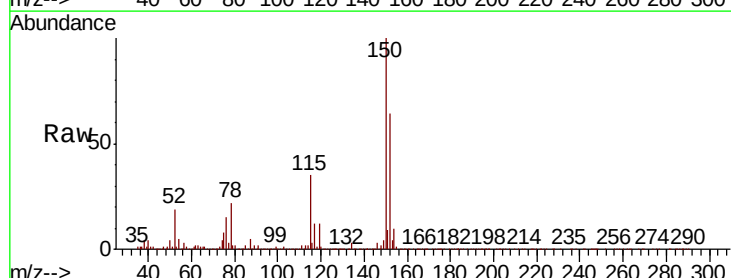
Instrument :
MSVOA_X
ClientSampleId :

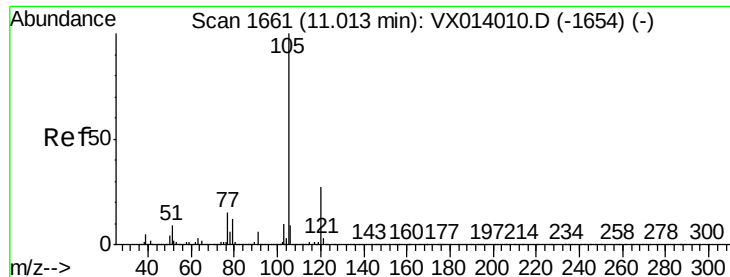
Tot Ion:173 Resp: 83866
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion:152 Resp: 350323
Ion Ratio Lower Upper
152 100
115 62.9 38.3 114.9
150 161.3 0.0 345.4

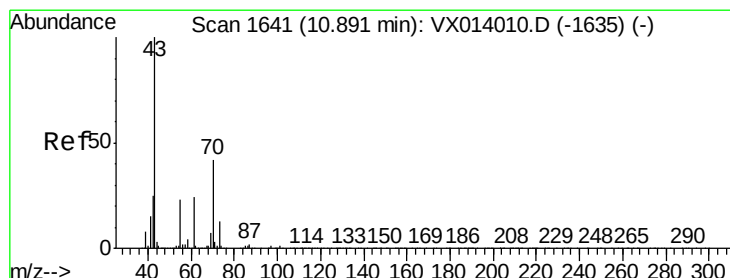
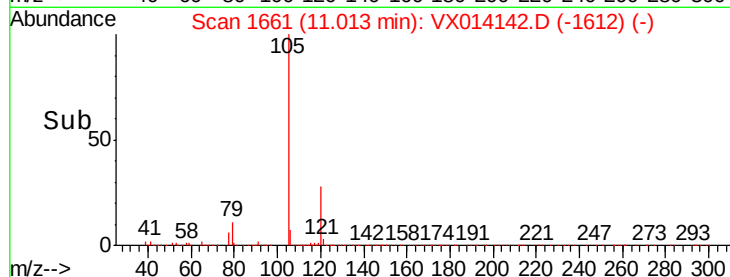
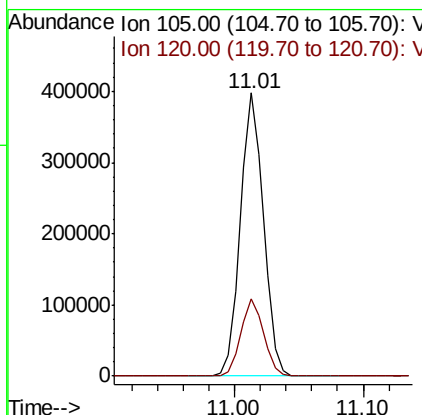
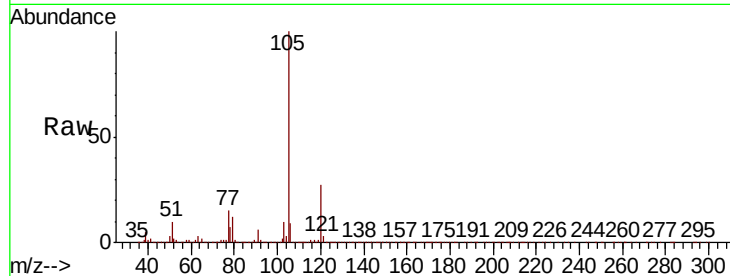




#73
Isopropylbenzene
Concen: 19.932 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

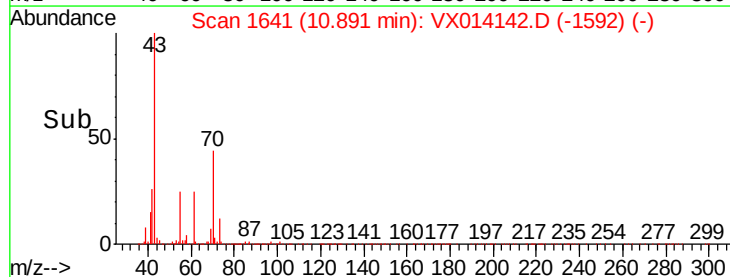
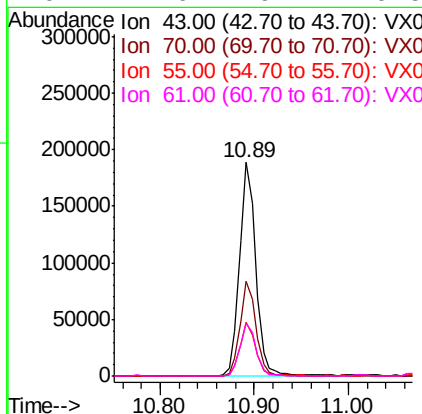
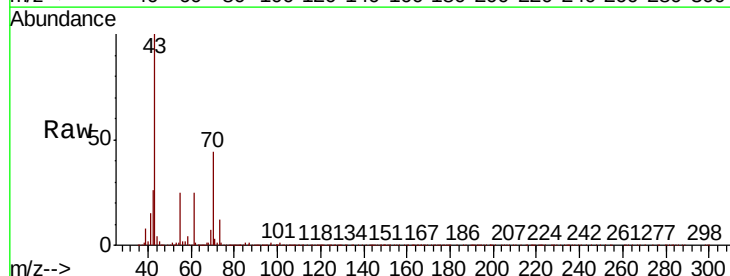
Instrument :
MSVOA_X
ClientSampleId :

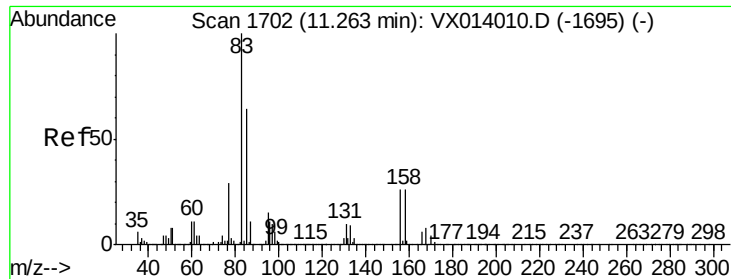
Tot Ion:105 Resp: 491629
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 19.533 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion: 43 Resp: 225837
Ion Ratio Lower Upper
43 100
70 44.0 34.4 51.6
55 24.2 19.1 28.7
61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.471 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

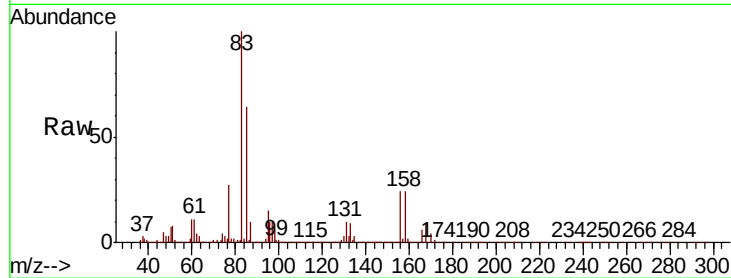
Tot Ion: 83 Resp: 166505

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

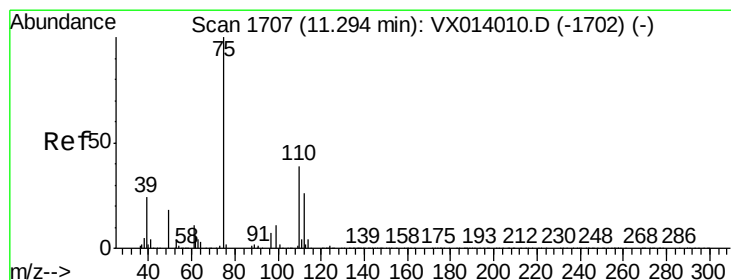
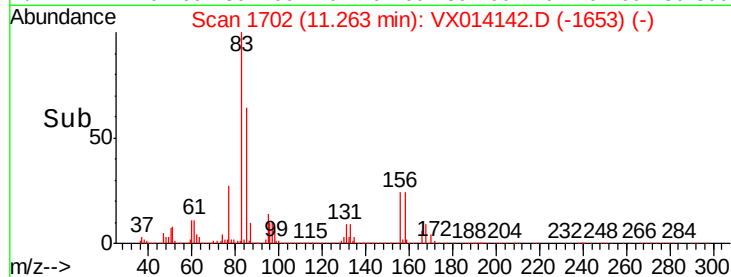
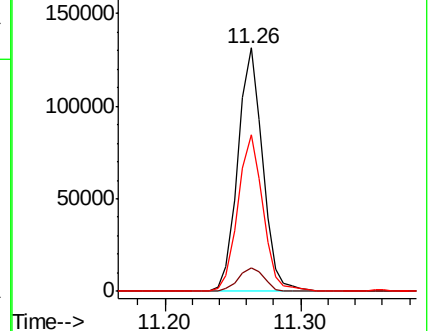
85 65.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.175 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014142.D

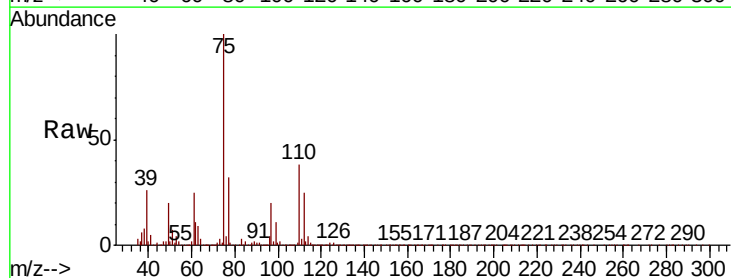
Acq: 20 Dec 2019 00:46

Tgt Ion: 75 Resp: 191468

Ion Ratio Lower Upper

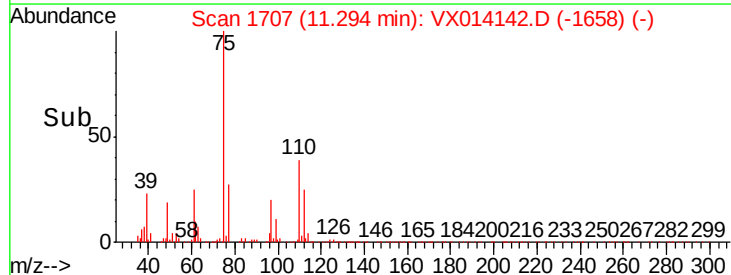
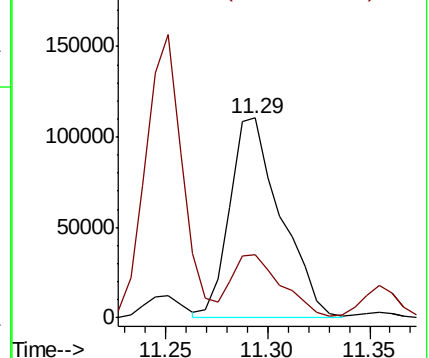
75 100

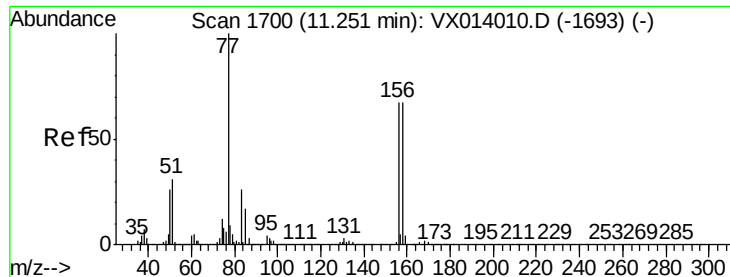
77 30.5 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.213 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

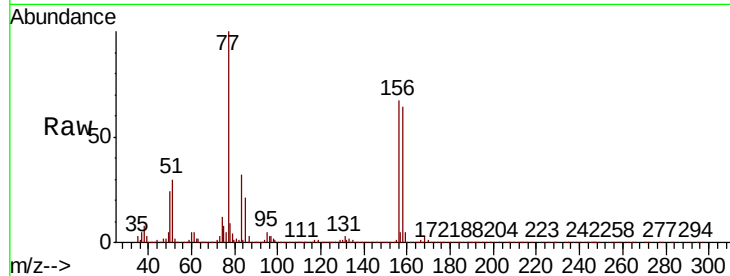
Tot Ion:156 Resp: 130389

Ion Ratio Lower Upper

156 100

77 150.7 76.5 229.5

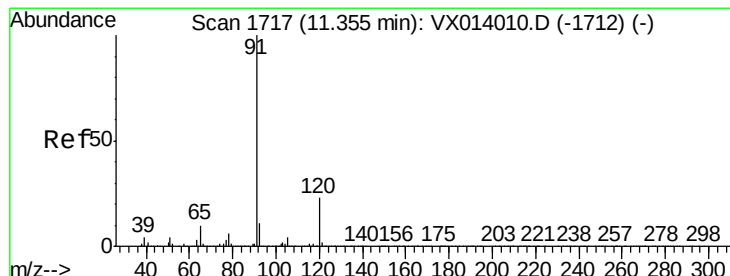
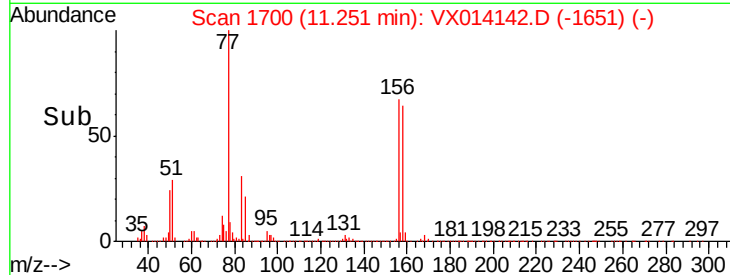
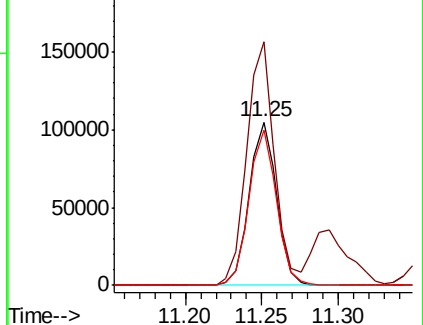
158 96.2 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.728 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014142.D

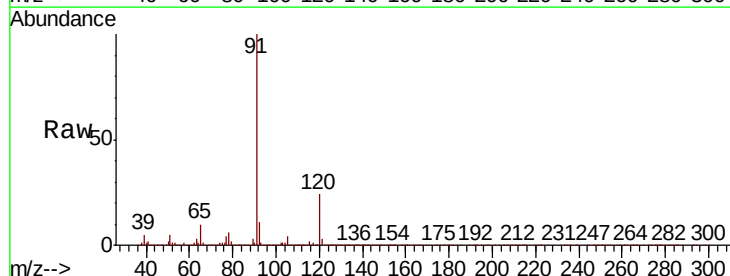
Acq: 20 Dec 2019 00:46

Tgt Ion: 91 Resp: 545812

Ion Ratio Lower Upper

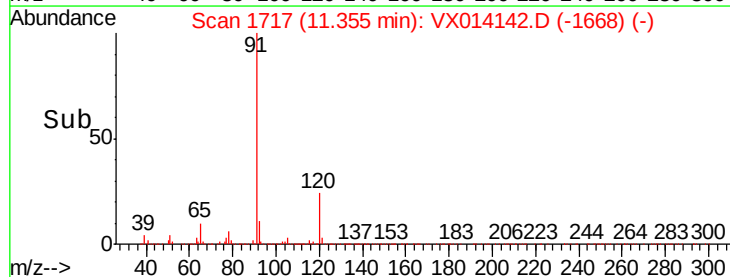
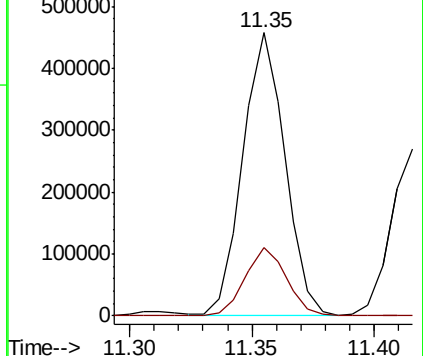
91 100

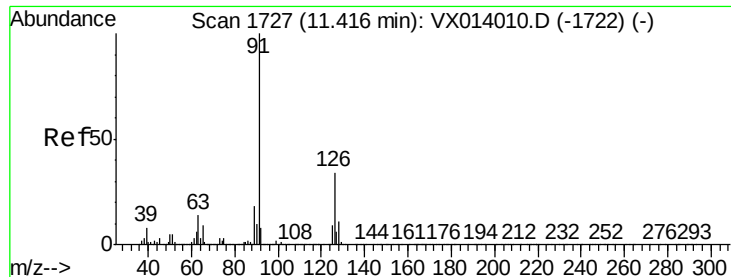
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

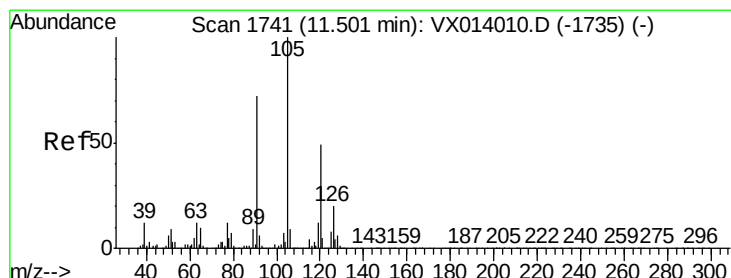
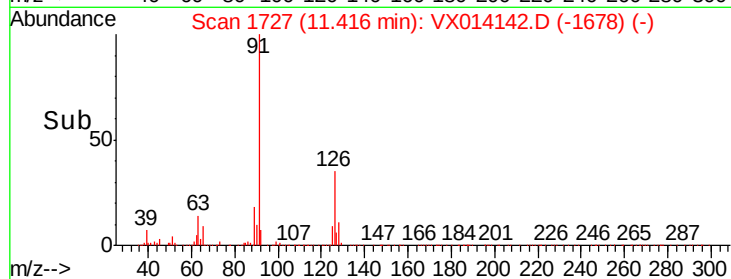
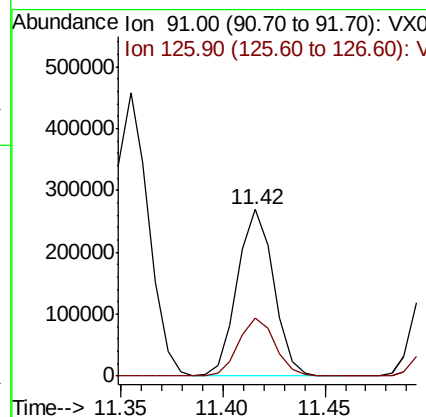
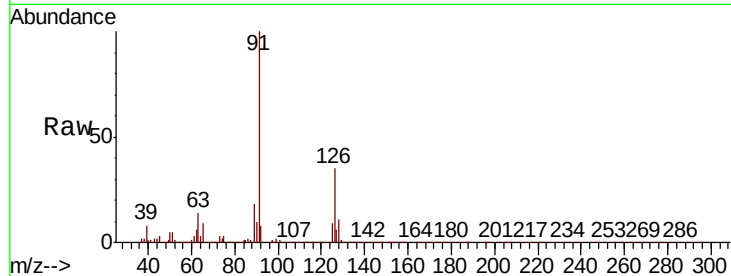




#79
 2-Chlorotoluene
 Concen: 19.709 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

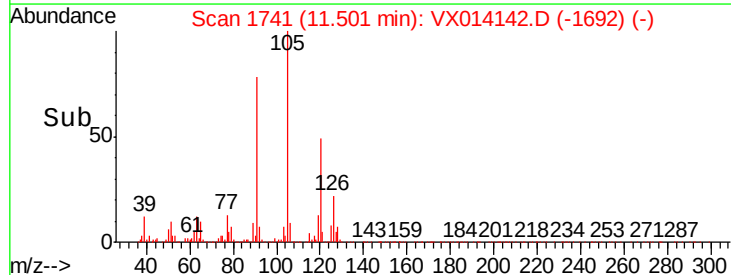
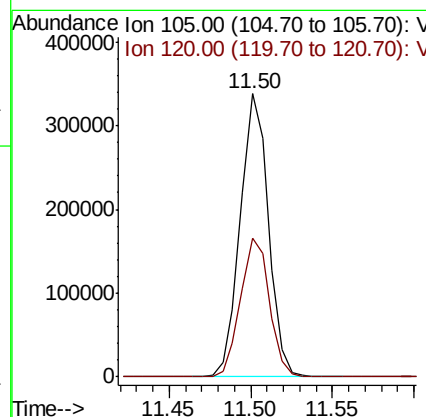
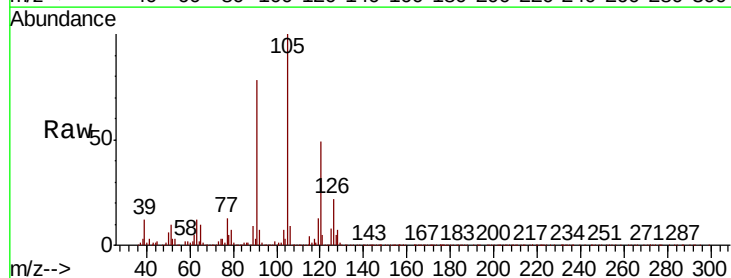
Instrument :
 MSVOA_X
 ClientSampled :

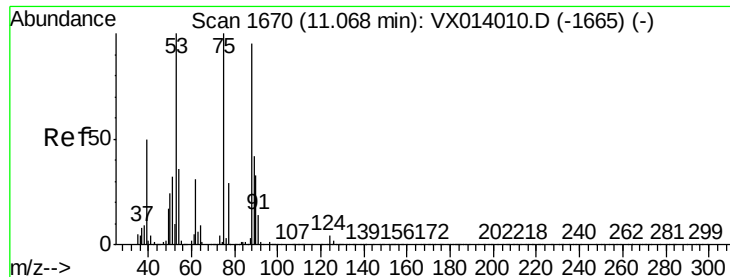
Tot Ion: 91 Resp: 331465
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.524 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion: 105 Resp: 405299
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.460 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

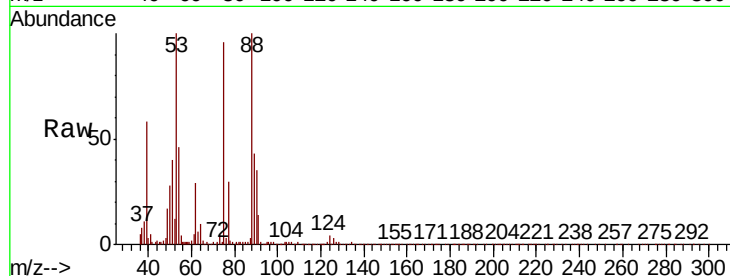
Tot Ion: 75 Resp: 47047

Ion Ratio Lower Upper

75 100

53 104.3 76.7 115.1

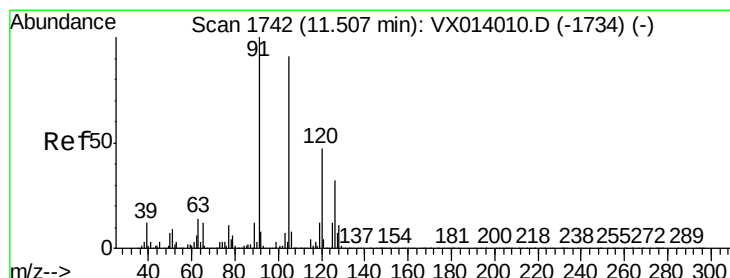
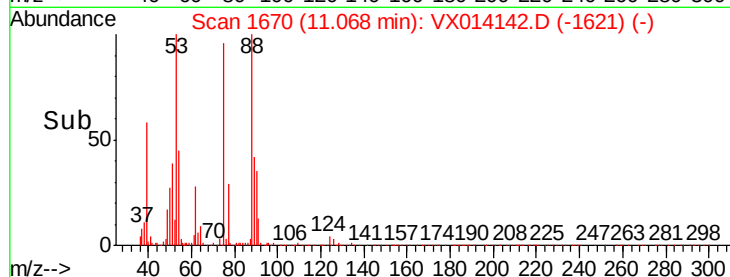
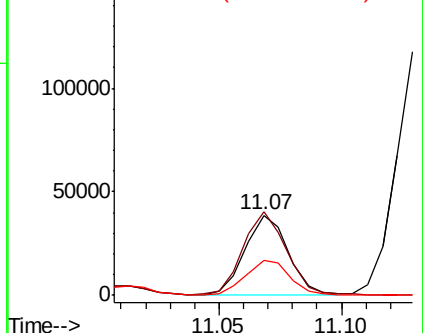
89 44.8 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.229 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014142.D

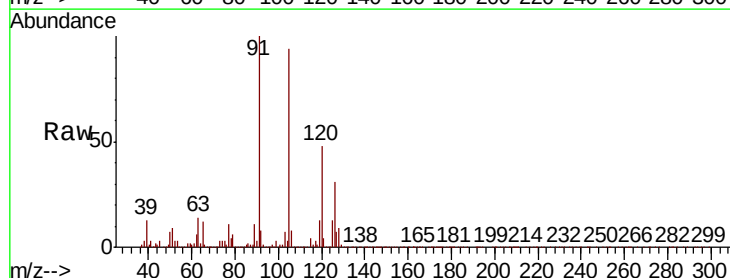
Acq: 20 Dec 2019 00:46

Tgt Ion: 91 Resp: 375131

Ion Ratio Lower Upper

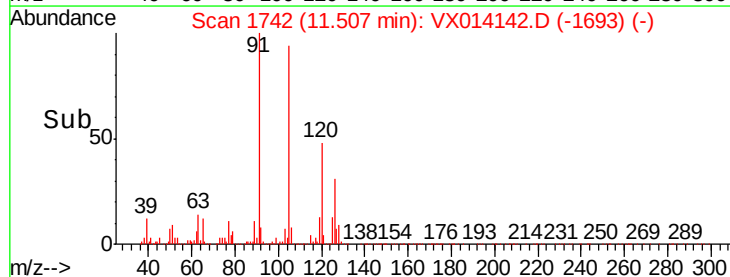
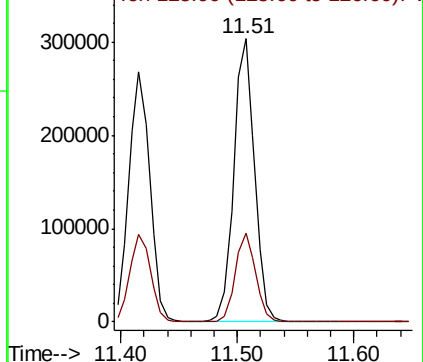
91 100

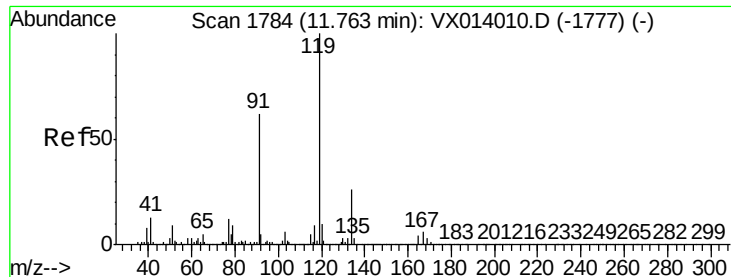
126 30.8 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

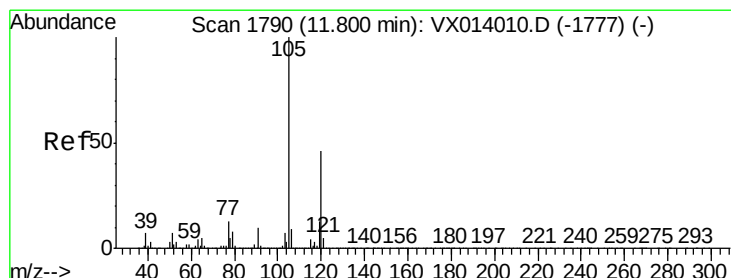
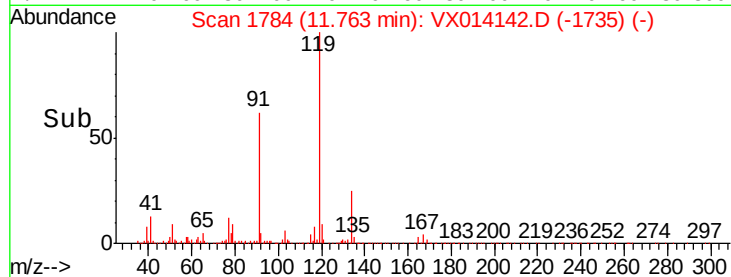
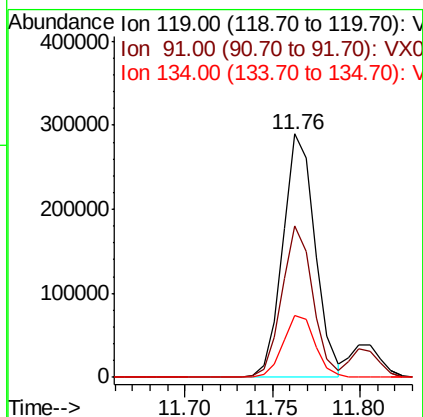
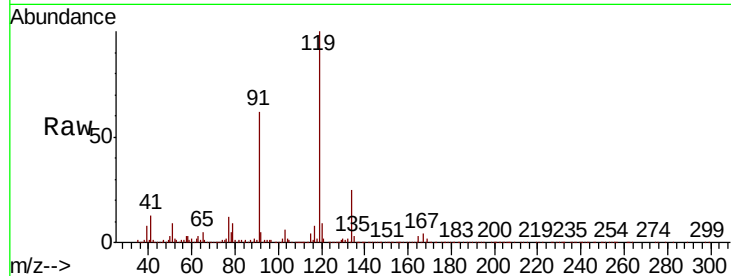




#83
 tert-Butylbenzene
 Concen: 18.422 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

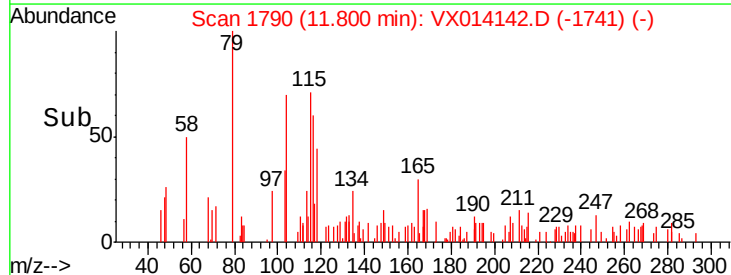
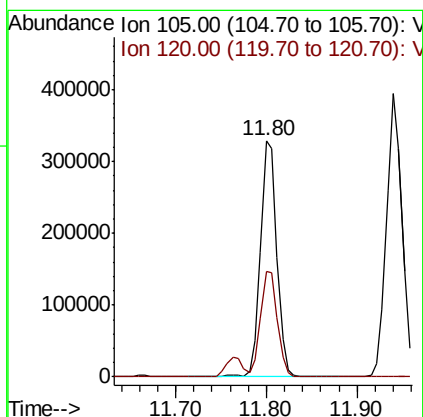
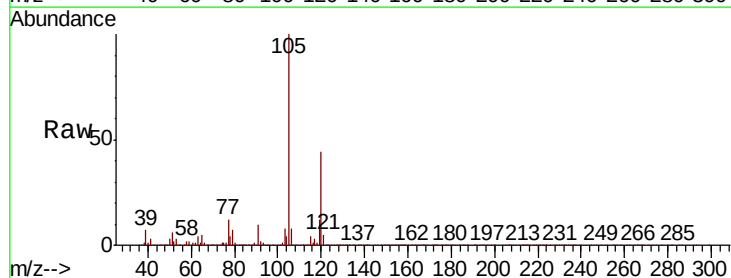
Instrument :
 MSVOA_X
 ClientSampleId :

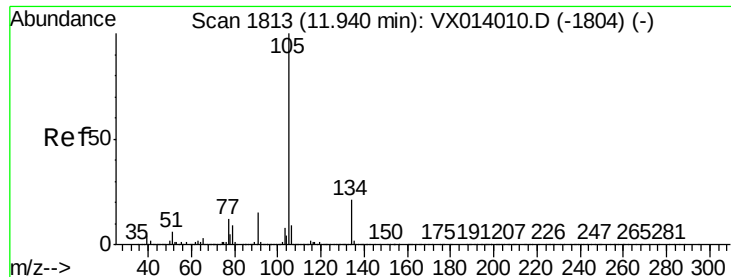
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	28.5	85.6
134	25.3	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.766 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.663 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

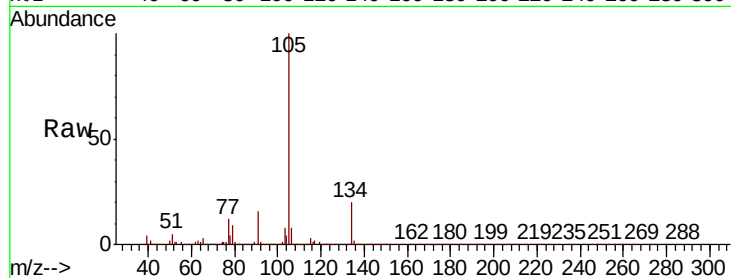
ClientSampleId :

Tot Ion:105 Resp: 468942

Ion Ratio Lower Upper

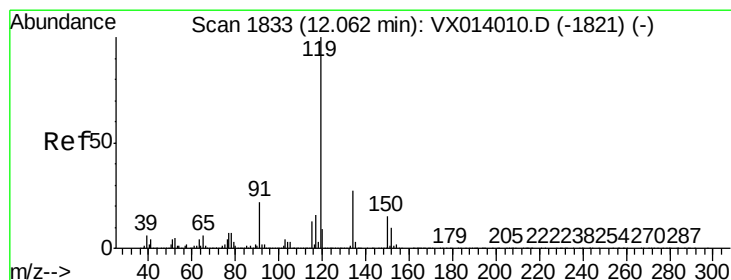
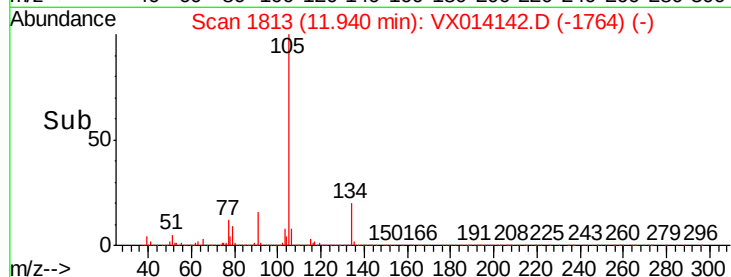
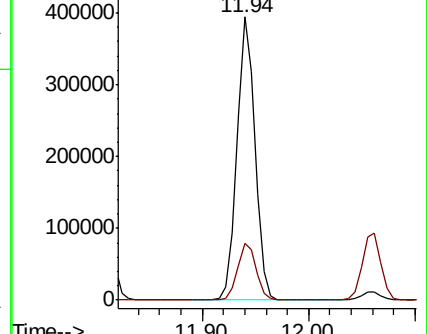
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.627 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

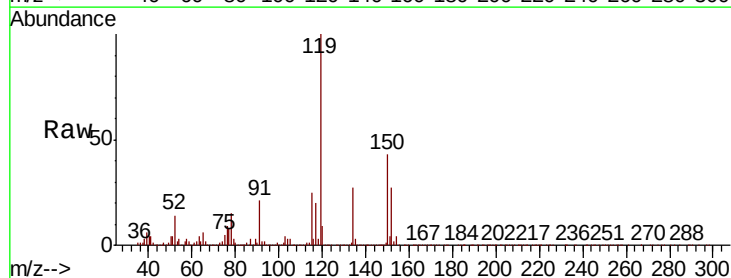
Tgt Ion:119 Resp: 428153

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

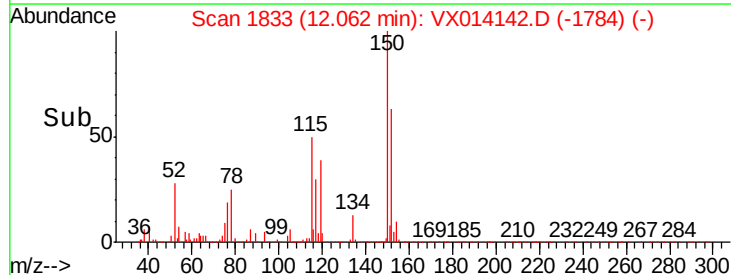
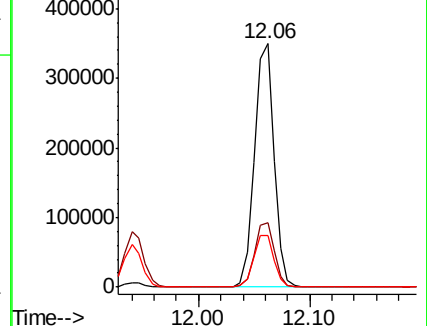
91 22.1 11.4 34.1

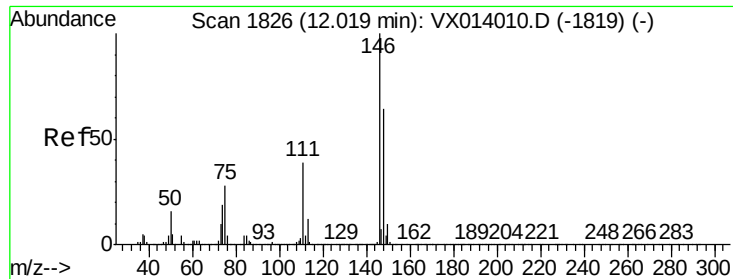


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.510 ug/l

RT: 12.02 min Scan# 1826

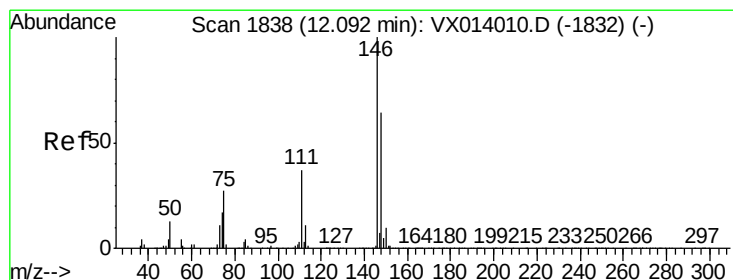
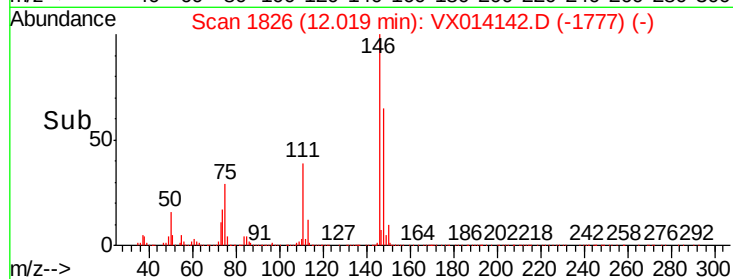
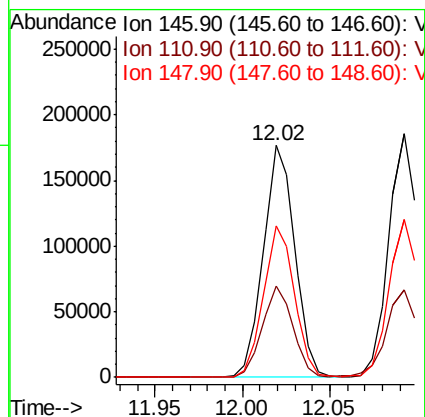
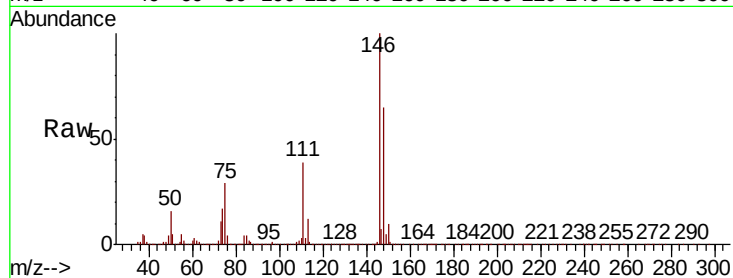
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.4	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.310 ug/l

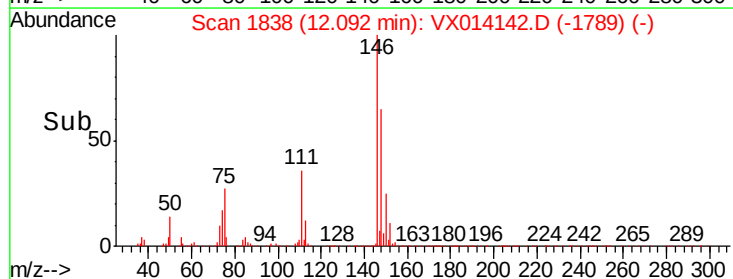
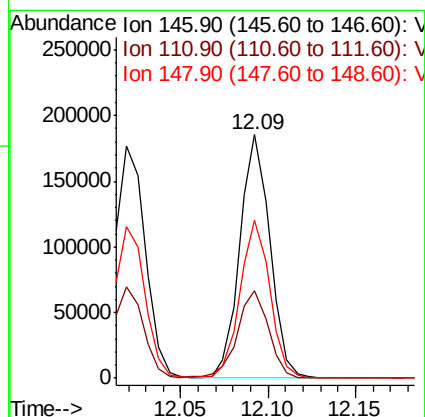
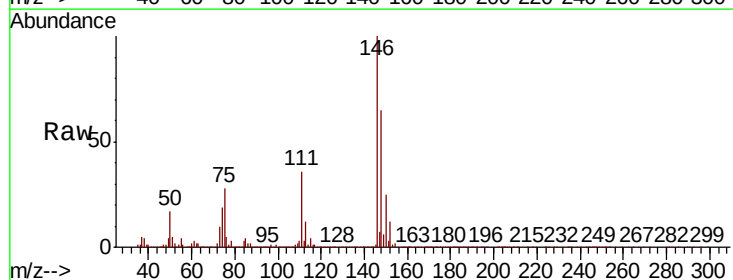
RT: 12.09 min Scan# 1838

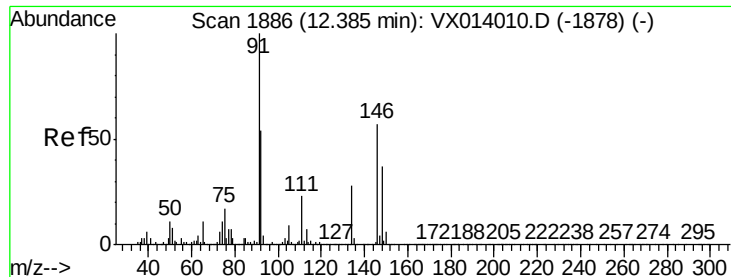
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	31.9	95.9

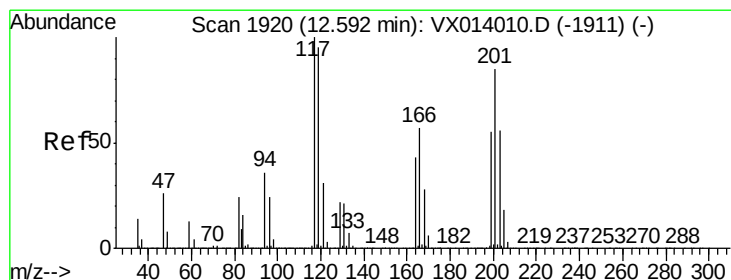
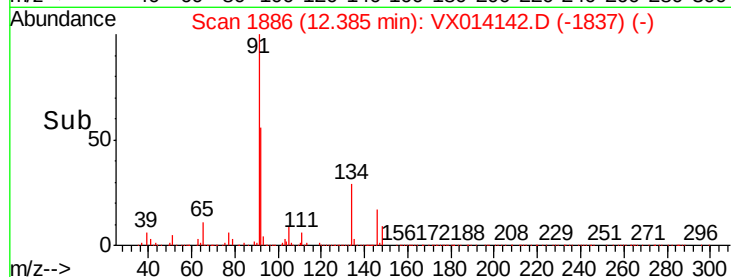
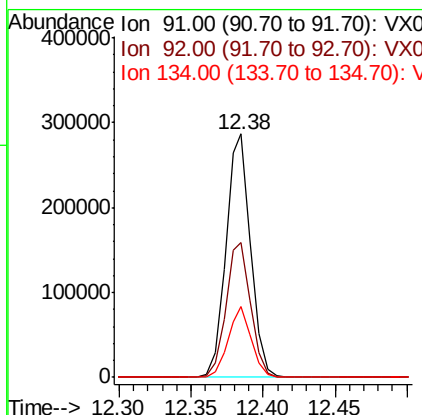
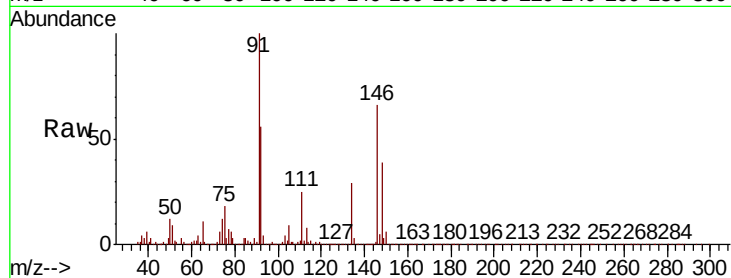




#89
n-Butylbenzene
Concen: 18.487 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

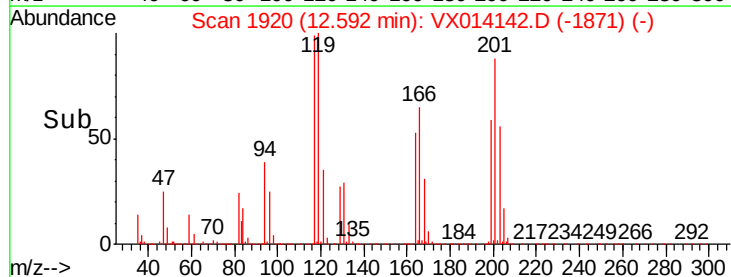
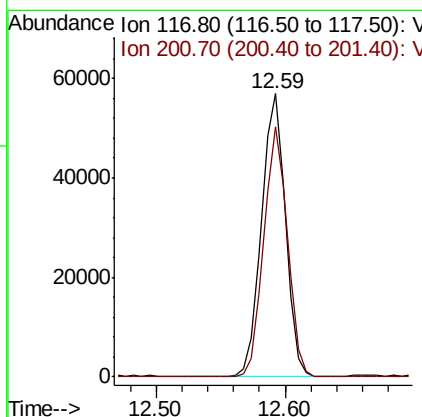
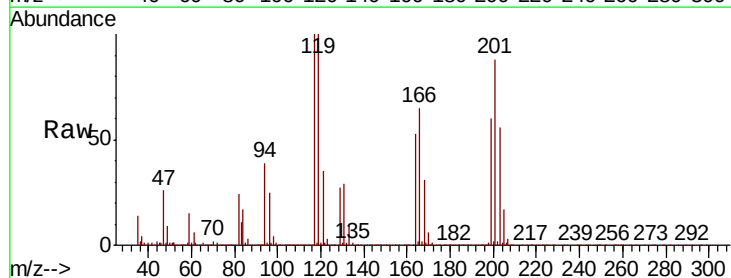
Instrument :
MSVOA_X
ClientSampleId :

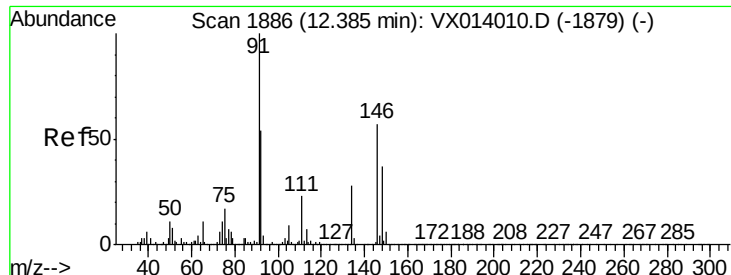
Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.2	81.6
134	27.4	13.4	40.1



#90
Hexachloroethane
Concen: 18.589 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 19.162 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

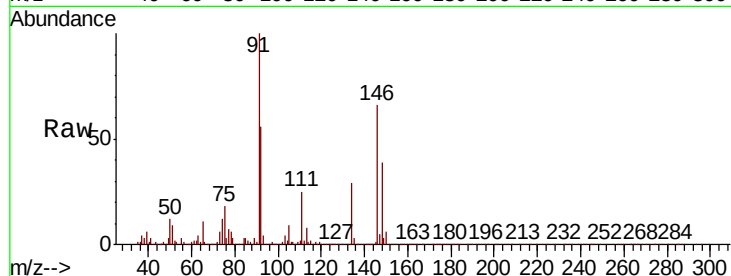
Tot Ion:146 Resp: 229425

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 63.0 32.1 96.5

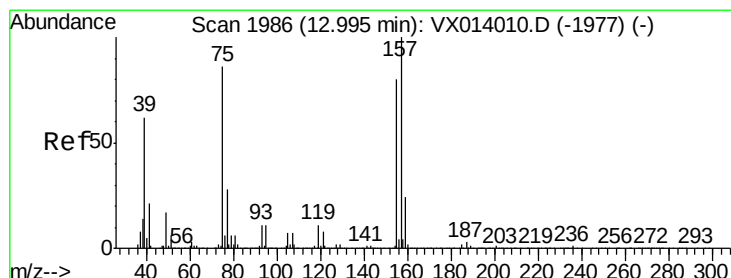
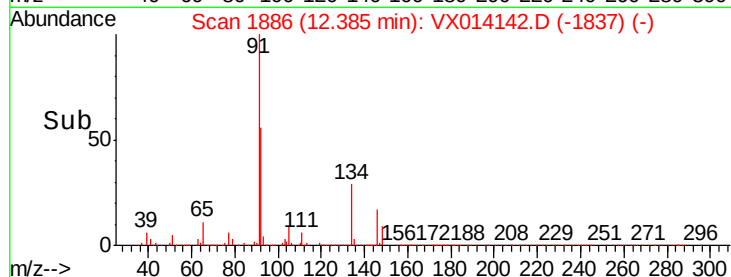
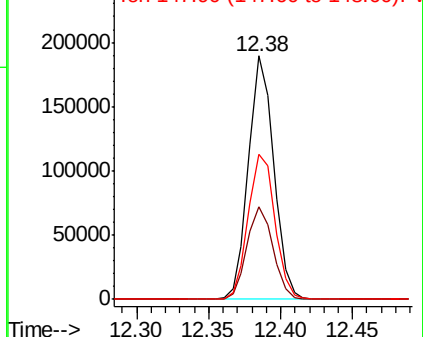


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.561 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

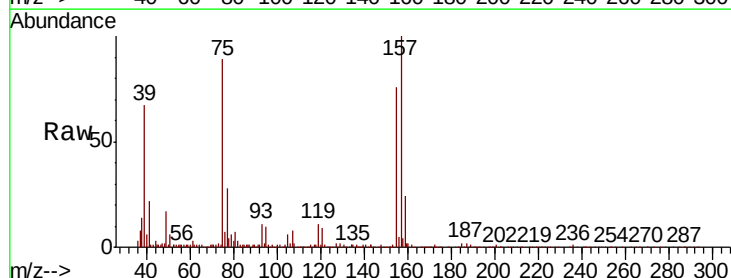
Tgt Ion: 75 Resp: 35123

Ion Ratio Lower Upper

75 100

155 94.7 46.9 140.6

157 123.5 60.8 182.4

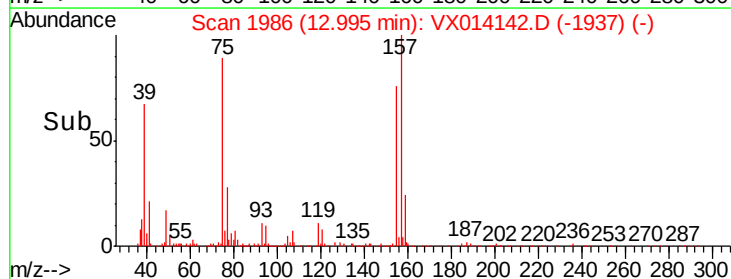
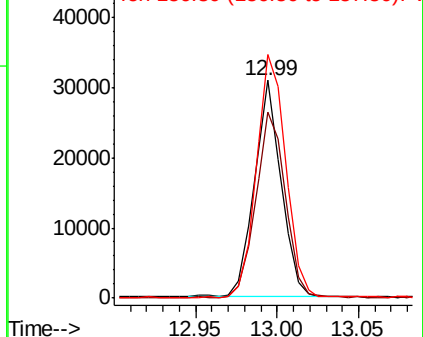


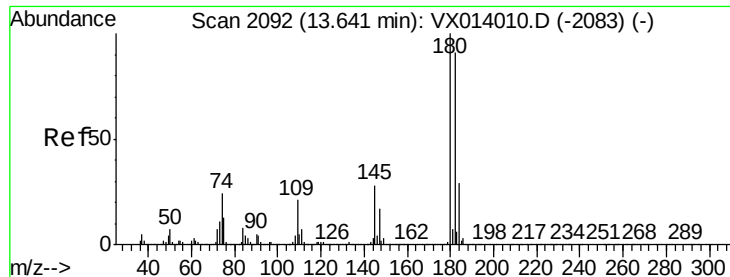
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

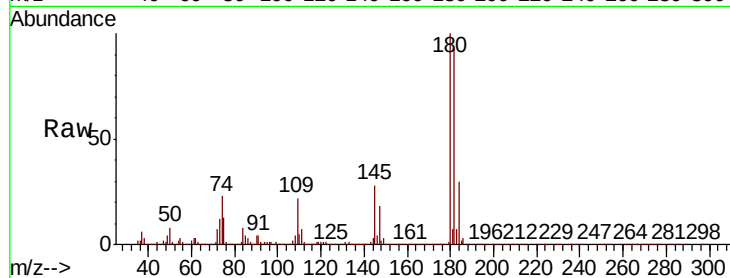




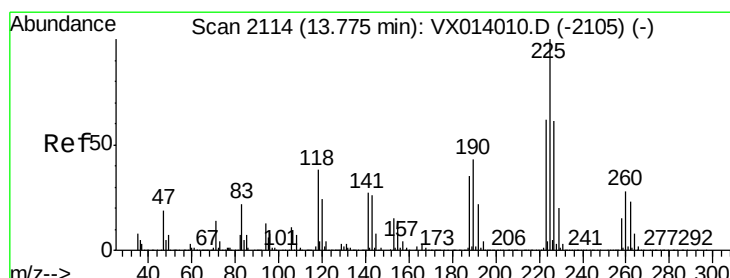
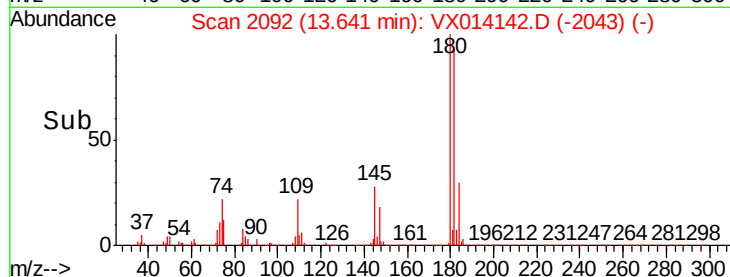
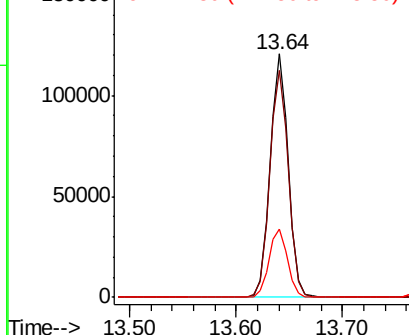
#93
 1,2,4-Trichlorobenzene
 Concen: 18.527 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.6	139.8
145	28.6	14.2	42.6

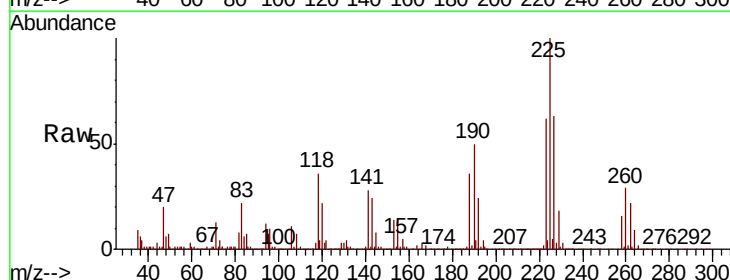


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

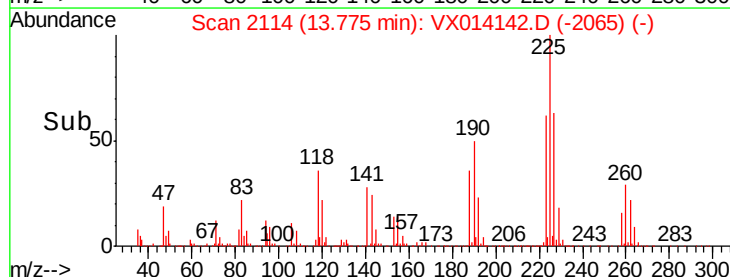
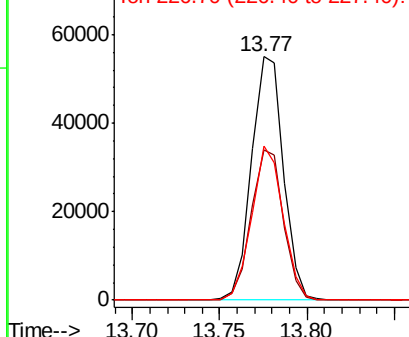


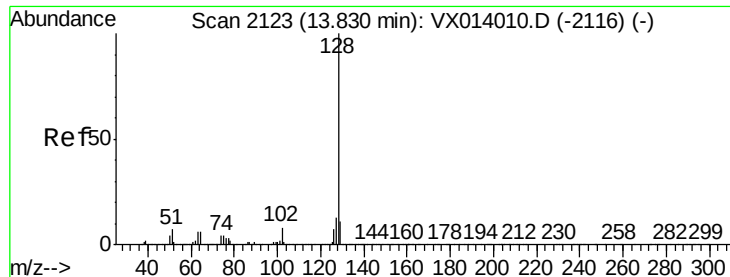
#94
 Hexachlorobutadiene
 Concen: 18.552 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.5
227	62.5	30.9	92.7



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

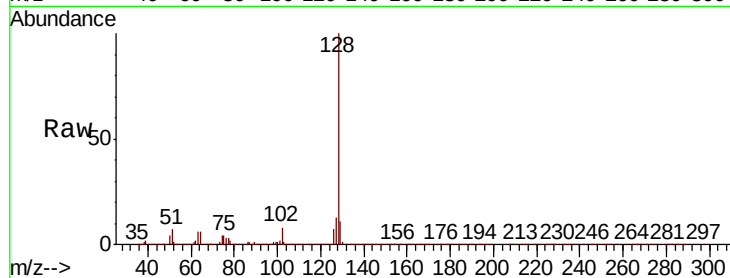




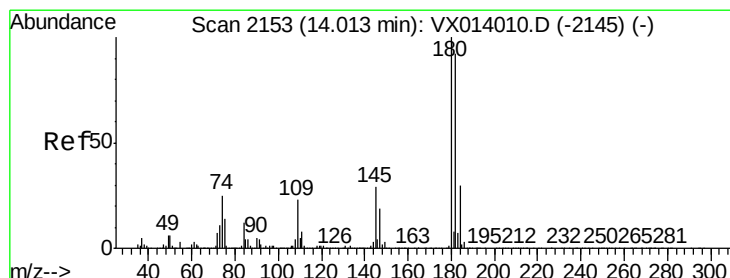
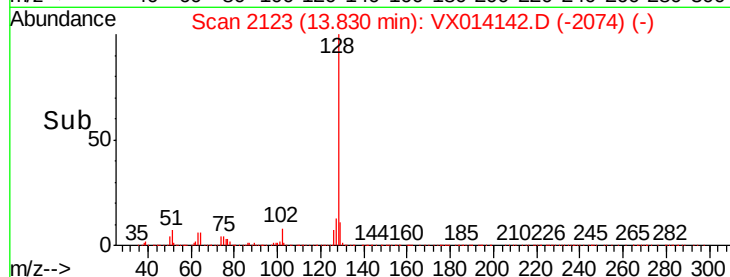
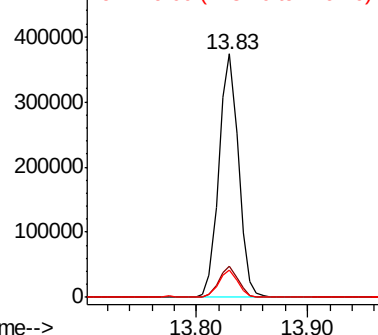
#95
Naphthalene
Concen: 19.926 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 455574
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1

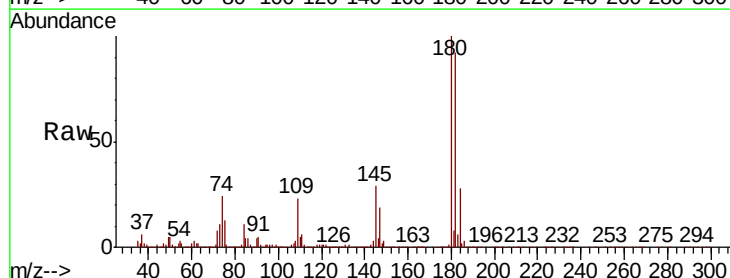


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.354 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion:180 Resp: 148679
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.3
145 30.1 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

